GR d.o.o. INVESTICIJE
GEOTEHNOLOGIJA IN RUDARSTVO

1000 LJUBLJANA, Slovenčeva 93
S L O V E N I J A
TEL.: n.c. +386 (0) 1 560-36-00
TRANSAKCIJSKI RAČUN: SI 56 0400 1004 9981 664
DAVČNA ŠTEVILKA: SI 12894290

Okoljske meritve na projektu izgradnje 2. tira železniške proge »Divača-Koper«, Sklop 2

41. Poročilo meritev vibracij v obdobju

od 31.10.2022 do 7.11.2022

-predor T-8-

Številka poročila: 1002517/41

NAROČNIK:

Kolektor CPG d.o.o.

Industrijska cesta 2, Kromberk

5000 Nova Gorica

Ljubljana, november 2022

Okoljske meritve na projektu izgradnje 2. tira železniške proge »Divača-Koper«, Sklop 2

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Vodja monitoringa:

Matija TORI, mag.inž.geoteh.

GR INVESTICIJE d.o.o.
GEOTEHNOLOGIJA IN RUDARSTVO
Slovenčeva 93 1000 Ljubljana

Ljubljana, november 2022

SEZNAM SODELUJOČIH PRI IZVEDBI MERITEV in POROČILA

NAROČNIK:	**Kolektor CPG d.o.o.** Industrijska cesta 2, Kromberk 5000 Nova Gorica
IZVAJALEC:	**GR Investicije d.o.o.** Slovenčeva 93 1000 LJUBLJANA
Direktor:	**dr. Vojkan Jovičić**, univ.dipl. inž.grad.
NAZIV DOKUMENTACIJE:	Okoljske meritve na projektu izgradnje 2. tira železniške proge »Divača-Koper«, Sklop 2 *41. Poročilo meritev vibracij v obdobju od 31.10.2022 do 7.11.2022*
Številka poročila:	1002517/41
Datum:	november 2022
VODJA MONITORINGA:	Matija TORI, mag.inž.geoteh.
POROČILO IZDELALI:	Matija TORI, mag.inž.geoteh. Tomaž HRIBAR, mag.inž.geoteh. Nika KÖVEŠ, dipl.inž.geoteh.
Meritve in opazovanja na terenu:	Matija TORI, mag.inž.geoteh. Tomaž HRIBAR, mag.inž.geoteh. Tomaž PEČOLAR, univ.dipl.geoteh. in rud. Nika KÖVEŠ, dipl.inž.geoteh.

PRILOGA 1.1:

Zapisniki in analize meritev

- Poročilo meritev vibracij od dne 31.10.2022 do 7.11.2022
predor T8 (Divača)

Tedensko poročilo meritev vibracij na predoru T-8 od 31.10.2022 do 7.11.2022

Lokacija meritve: **predor T8, Divača**

mersko mesto	*naslov*	*nomenklatura*	*tip objekta*	*serijska številka geofona*	*x*	*y*	*z*	*trig.level [mm/s]*	*vir vibracij*	*opomba*
MM-8	Plavje 50a	T08_MP-3-1_23040_01	L2	UM20787	407 204	48 527	124	0,50	miniranje predor T8	meritve do 3.11.2022
MM-10	Plavje 39	T08_MP-3-1_23248_01	L2	UM20418	407 057	48 360	105	0,50	miniranje predor T8	
MM-15	Plavje 46	T08_MP-3-1_23130_01	L2	UM20788	407 130	48 484	116	0,50	miniranje predor T8	
MM-16	Plavje 47a	T08_MP-3-1_23115_01	L2	UM20788	407 116	48 504	115	0,50	miniranje predor T8	
MM-19	Plavje 43b	T08_MP-3-1_23165_01	L2	UM19274	407 138	48 434	113	0,50	miniranje predor T8	
MM-20	Plavje 42	T08_MP-3-1_23195_01	L2	UM18299	407 099	48 418	110	0,50	miniranje predor T8	
MM-21	Plavje 44a	T08_MP-3-1_23165_01	L2	UM18300	407 159	48 426	114	0,50	miniranje predor T8	
MM-22	Plavje 43/43a	T08_MP-3-1_23185_01	L2	UM15840	407 124	48 429	111	0,50	miniranje predor T8	
MM-23	Plavje 41/41a	T08_MP-3-1_23190_01	L2	UM15839	407 069	48 440	109	0,50	miniranje predor T8	
MM-24	Plavje 37 (Jamškova domačija)	T08_MP-3-1_23240_01	L3	UM20787	407 024	48 421	102	0,50	miniranje predor T8	meritve od 3.11.2022
MM-25	Plavje 44	T08_MP-3-1_23185_01	L2	UM19275	407 144	48 420	112	1,00	miniranje predor T8	
MM-27	Plavje 56		L2	UM8153	407 264	48 433	125	0,50	miniranje predor T8	
MM-28	Plavje 20	T08_MP-3-1_23340_01	L2	UM8152	406 968	48 314	90	2,00	miniranje predor T8	meritve do 4.11.2022

REZULTATI MERITEV VIBRACIJ

mersko mesto	serijska številka geofona	nomenklatura	datum	čas	izmerjena vrednost vibracij [V_R = mm/s]	minimalna frekvenca [f_{min}= Hz]	komp f_{min}	predorska cev	lokacija	stacionaža (m)	najkrajša razdalja R (m)	komentar
MM-8	UM20787	T08_MP-3-1_23040_01	01.11.2022	12:57:27				servisna cev	kalota	23282 S	199	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	01.11.2022	12:57:30	5,81	68	L	servisna cev	kalota	23282 S	56	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	01.11.2022	12:57:31	0,83	41	L	servisna cev	kalota	23282 S	130	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	01.11.2022	12:57:27	0,79	32	T	servisna cev	kalota	23282 S	145	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	01.11.2022	12:57:30	1,25	47	L	servisna cev	kalota	23282 S	89	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	01.11.2022	12:57:31	2,82	35	T	servisna cev	kalota	23282 S	66	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	01.11.2022	12:57:30	1,35	73	V	servisna cev	kalota	23282 S	96	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	01.11.2022	12:57:31	1,91	64	V	servisna cev	kalota	23282 S	79	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	01.11.2022	12:57:30	1,83	57	L	servisna cev	kalota	23282 S	88	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	01.11.2022	12:57:32	2,36	51	T	servisna cev	kalota	23282 S	82	< L2
MM-27	UM8153		01.11.2022	12:57:27				servisna cev	kalota	23282 S	187	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	01.11.2022	12:57:27				servisna cev	kalota	23282 S	143	< trig . Level
MM-8	UM20787	T08_MP-3-1_23040_01	01.11.2022	13:00:06				glavna cev	stopnica	23209 G	170	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	01.11.2022	13:00:10	2,47	32	L	glavna cev	stopnica	23209 G	72	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	01.11.2022	13:00:10	2,28	47	L	glavna cev	stopnica	23209 G	95	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	01.11.2022	13:00:06	3,03	41	T	glavna cev	stopnica	23209 G	107	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	01.11.2022	13:00:10	1,95	68	L	glavna cev	stopnica	23209 G	68	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	01.11.2022	13:00:11	8,28	35	T	glavna cev	stopnica	23209 G	43	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	01.11.2022	13:00:10	2,05	51	L	glavna cev	stopnica	23209 G	82	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	01.11.2022	13:00:10	3,57	57	L	glavna cev	stopnica	23209 G	56	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	01.11.2022	13:00:10	6,04	68	T	glavna cev	stopnica	23209 G	56	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	01.11.2022	13:00:12	2,05	38	L	glavna cev	stopnica	23209 G	68	< L2
MM-27	UM8153		01.11.2022	13:00:16	0,58	73	T	glavna cev	stopnica	23209 G	182	< L2
MM-28	UM8152	T08_MP-3-1_23340_01	01.11.2022	13:00:06				glavna cev	stopnica	23209 G	159	< trig . Level

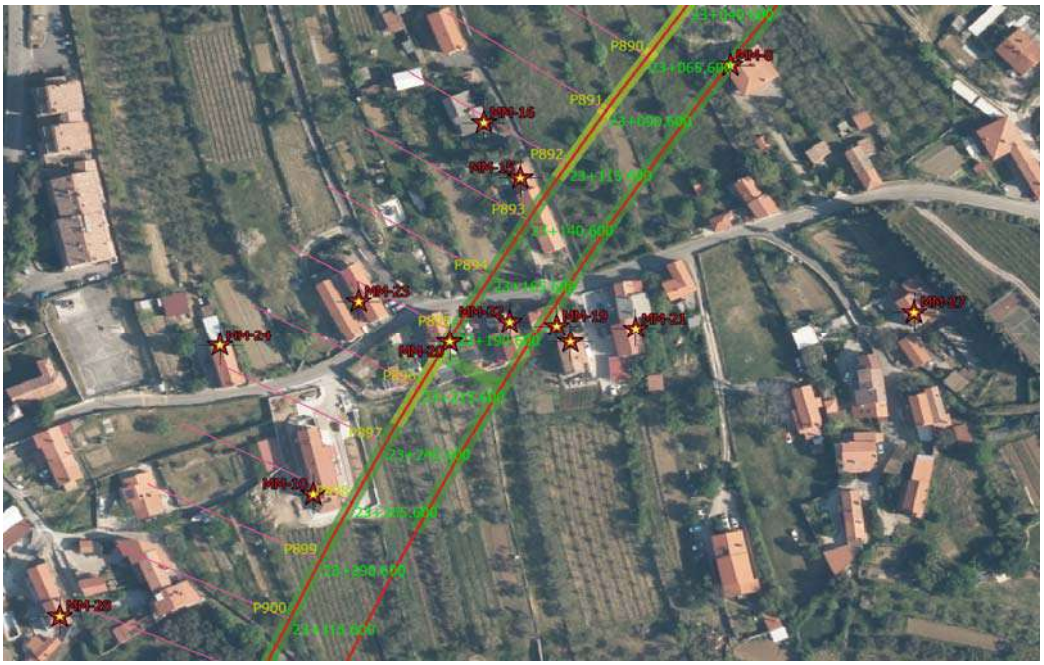
MM-8	UM20787	T08_MP-3-1_23040_01	01.11.2022	15:19:14	2,40	43	V	glavna cev	stopnica	23094 G	76	< L2
MM-10	UM20418	T08_MP-3-1_23248_01	01.11.2022	15:19:10				glavna cev	stopnica	23094 G	180	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	01.11.2022	15:19:14	5,32	41	L	glavna cev	stopnica	23094 G	57	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	01.11.2022	15:19:10	7,78	51	T	glavna cev	stopnica	23094 G	58	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	01.11.2022	15:19:14	1,66	51	T	glavna cev	stopnica	23094 G	87	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	01.11.2022	15:19:16	0,99	39	T	glavna cev	stopnica	23094 G	113	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	01.11.2022	15:19:15	1,27	43	V	glavna cev	stopnica	23094 G	93	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	01.11.2022	15:19:15	1,67	47	V	glavna cev	stopnica	23094 G	94	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	01.11.2022	15:19:14	1,02	54	T	glavna cev	stopnica	23094 G	115	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	01.11.2022	15:19:10				glavna cev	stopnica	23094 G	98	< trig . Level
MM-27	UM8153		01.11.2022	15:19:16	1,14	54	L	glavna cev	stopnica	23094 G	145	< L2
MM-28	UM8152	T08_MP-3-1_23340_01	01.11.2022	15:19:10				glavna cev	stopnica	23094 G	269	< trig . Level
MM-8	UM20787	T08_MP-3-1_23040_01	02.11.2022	10:17:39				servisna cev	kalota	23286 S	203	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	02.11.2022	10:17:42	4,22	85	L	servisna cev	kalota	23286 S	54	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	02.11.2022	10:17:51	0,62	43	L	servisna cev	kalota	23286 S	133	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	02.11.2022	10:17:39	0,65	38	T	servisna cev	kalota	23286 S	149	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	02.11.2022	10:17:42	1,17	73	T	servisna cev	kalota	23286 S	93	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	02.11.2022	10:17:43	2,18	39	T	servisna cev	kalota	23286 S	68	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	02.11.2022	10:17:42	0,91	64	T	servisna cev	kalota	23286 S	99	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	02.11.2022	10:17:43	1,25	85	L	servisna cev	kalota	23286 S	83	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	02.11.2022	10:17:42	1,34	64	L	servisna cev	kalota	23286 S	90	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	02.11.2022	10:17:43	1,44	60	T	servisna cev	kalota	23286 S	86	< L2
MM-27	UM8153		02.11.2022	10:17:39				servisna cev	kalota	23286 S	190	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	02.11.2022	10:17:39				servisna cev	kalota	23286 S	140	< trig . Level
MM-8	UM20787	T08_MP-3-1_23040_01	02.11.2022	11:24:53				glavna cev	stopnica	23211 G	172	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	02.11.2022	11:24:57	2,09	35	T	glavna cev	stopnica	23211 G	70	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	02.11.2022	11:24:57	1,02	41	L	glavna cev	stopnica	23211 G	97	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	02.11.2022	11:24:53	1,43	43	L	glavna cev	stopnica	23211 G	109	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	02.11.2022	11:24:57	0,93	45	L	glavna cev	stopnica	23211 G	69	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	02.11.2022	11:24:58	4,09	57	T	glavna cev	stopnica	23211 G	43	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	02.11.2022	11:24:57	0,82	57	L	glavna cev	stopnica	23211 G	83	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	02.11.2022	11:24:58	1,68	64	T	glavna cev	stopnica	23211 G	57	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	02.11.2022	11:24:57	2,99	73	T	glavna cev	stopnica	23211 G	56	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	02.11.2022	11:24:53				glavna cev	stopnica	23211 G	69	< trig . Level
MM-27	UM8153		02.11.2022	11:24:53				glavna cev	stopnica	23211 G	183	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	02.11.2022	11:24:53				glavna cev	stopnica	23211 G	157	< trig . Level
MM-8	UM20787	T08_MP-3-1_23040_01	02.11.2022	14:11:31	1,41	49	V	glavna cev	stopnica	23101 G	81	< L2
MM-10	UM20418	T08_MP-3-1_23248_01	02.11.2022	14:11:26				glavna cev	stopnica	23101 G	173	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	02.11.2022	14:11:31	5,30	43	L	glavna cev	stopnica	23101 G	53	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	02.11.2022	14:11:26	8,29	79	T	glavna cev	stopnica	23101 G	56	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	02.11.2022	14:11:31	2,03	93	V	glavna cev	stopnica	23101 G	82	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	02.11.2022	14:11:32	1,03	37	T	glavna cev	stopnica	23101 G	106	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	02.11.2022	14:11:31	0,86	64	T	glavna cev	stopnica	23101 G	89	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	02.11.2022	14:11:31	0,98	51	L	glavna cev	stopnica	23101 G	88	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	02.11.2022	14:11:31	0,99	57	T	glavna cev	stopnica	23101 G	109	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	02.11.2022	14:11:32	1,10	57	T	glavna cev	stopnica	23101 G	93	< L2
MM-27	UM8153		02.11.2022	14:11:31	0,74	41	L	glavna cev	stopnica	23101 G	145	< L2
MM-28	UM8152	T08_MP-3-1_23340_01	02.11.2022	14:11:26				glavna cev	stopnica	23101 G	262	< trig . Level
MM-8	UM20787	T08_MP-3-1_23040_01	02.11.2022	15:31:09				servisna cev	kalota	23288 S	205	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	02.11.2022	15:31:12	5,41	38	T	servisna cev	kalota	23288 S	53	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	02.11.2022	15:31:21	0,93	39	T	servisna cev	kalota	23288 S	135	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	02.11.2022	15:31:09	0,95	39	T	servisna cev	kalota	23288 S	151	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	02.11.2022	15:31:13	1,20	54	T	servisna cev	kalota	23288 S	95	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	02.11.2022	15:31:13	2,48	37	T	servisna cev	kalota	23288 S	70	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	02.11.2022	15:31:13	1,17	47	T	servisna cev	kalota	23288 S	101	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	02.11.2022	15:31:13	1,71	64	T	servisna cev	kalota	23288 S	84	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	02.11.2022	15:31:13	1,46	57	T	servisna cev	kalota	23288 S	92	< L2
MM-25	UM19275	T08_MP-3-1_23185_01	02.11.2022	15:31:14	1,86	39	L	servisna cev	kalota	23288 S	87	< L2
MM-27	UM8153		02.11.2022	15:31:09				servisna cev	kalota	23288 S	191	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	02.11.2022	15:31:09				servisna cev	kalota	23288 S	138	< trig . Level

MM-10	UM20418	T08_MP-3-1_23248_01	03.11.2022	10:57:49	4,84	85	T	servisna cev	kalota	23289 S	53	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	03.11.2022	10:57:48				servisna cev	kalota	23289 S	136	< trig . Level
MM-16	UM19254	T08_MP-3-1_23115_01	03.11.2022	10:57:53	0,51	34	T	servisna cev	kalota	23289 S	152	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	03.11.2022	10:57:49	0,78	60	T	servisna cev	kalota	23289 S	96	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	03.11.2022	10:57:48	1,74	34	T	servisna cev	kalota	23289 S	71	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	03.11.2022	10:57:49	0,73	79	V	servisna cev	kalota	23289 S	102	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	03.11.2022	10:57:48	0,97	64	L	servisna cev	kalota	23289 S	85	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	03.11.2022	10:57:49	1,19	57	T	servisna cev	kalota	23289 S	92	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	03.11.2022	10:57:48	2,38	64	L	servisna cev	kalota	23289 S	99	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	03.11.2022	10:57:51	1,23	43	T	servisna cev	kalota	23289 S	88	< L2
MM-27	UM8153		03.11.2022	10:57:48				servisna cev	kalota	23289 S	192	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	03.11.2022	10:57:48				servisna cev	kalota	23289 S	137	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	03.11.2022	12:40:40				glavna cev	stopnica	23106 G	168	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	03.11.2022	12:40:40	3,59	57	V	glavna cev	stopnica	23106 G	51	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	03.11.2022	12:40:40	3,58	49	L	glavna cev	stopnica	23106 G	55	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	03.11.2022	12:40:40	1,72	102	L	glavna cev	stopnica	23106 G	78	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	03.11.2022	12:40:40	0,87	64	T	glavna cev	stopnica	23106 G	102	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	03.11.2022	12:40:41	0,86	60	T	glavna cev	stopnica	23106 G	86	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	03.11.2022	12:40:40	0,89	57	L	glavna cev	stopnica	23106 G	84	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	03.11.2022	12:40:40	0,98	57	V	glavna cev	stopnica	23106 G	105	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	03.11.2022	12:40:40	0,90	51	T	glavna cev	stopnica	23106 G	148	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	03.11.2022	12:40:49	1,21	54	L	glavna cev	stopnica	23106 G	89	< L2
MM-27	UM8153		03.11.2022	12:40:41	0,57	57	L	glavna cev	stopnica	23106 G	145	< L2
MM-28	UM8152	T08_MP-3-1_23340_01	03.11.2022	12:40:40				glavna cev	stopnica	23106 G	257	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	03.11.2022	14:11:21	3,96	34	T	glavna cev	stopnica	23215 G	67	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	03.11.2022	14:11:20	1,24	45	L	glavna cev	stopnica	23215 G	101	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	03.11.2022	14:11:24	1,05	45	L	glavna cev	stopnica	23215 G	112	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	03.11.2022	14:11:24	1,05	57	V	glavna cev	stopnica	23215 G	72	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	03.11.2022	14:11:20	6,31	51	T	glavna cev	stopnica	23215 G	45	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	03.11.2022	14:11:24	1,18	64	V	glavna cev	stopnica	23215 G	86	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	03.11.2022	14:11:20	2,05	28	T	glavna cev	stopnica	23215 G	60	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	03.11.2022	14:11:20	3,76	34	L	glavna cev	stopnica	23215 G	58	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	03.11.2022	14:11:20	4,38	60	L	glavna cev	stopnica	23215 G	76	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	03.11.2022	14:11:27	1,30	49	L	glavna cev	stopnica	23215 G	71	< L2
MM-27	UM8153		03.11.2022	14:11:20				glavna cev	stopnica	23215 G	185	< trig . Level
MM-28	UM8152	T08_MP-3-1_23340_01	03.11.2022	14:11:20				glavna cev	stopnica	23215 G	154	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	04.11.2022	9:53:09				glavna cev	stopnica	23111 G	164	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	04.11.2022	9:53:09	3,21	45	T	glavna cev	stopnica	23111 G	49	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	04.11.2022	9:53:09	3,65	49	L	glavna cev	stopnica	23111 G	54	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	04.11.2022	9:53:09	1,38	73	L	glavna cev	stopnica	23111 G	74	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	04.11.2022	9:53:09	0,82	35	L	glavna cev	stopnica	23111 G	97	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	04.11.2022	9:53:09	0,82	85	L	glavna cev	stopnica	23111 G	83	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	04.11.2022	9:53:09	0,83	57	T	glavna cev	stopnica	23111 G	80	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	04.11.2022	9:53:09	0,78	54	V	glavna cev	stopnica	23111 G	100	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	04.11.2022	9:53:09	0,76	64	L	glavna cev	stopnica	23111 G	144	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	04.11.2022	9:53:09				glavna cev	stopnica	23111 G	85	< trig . Level
MM-27	UM8153		04.11.2022	9:53:09				glavna cev	stopnica	23111 G	146	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	04.11.2022	11:13:26	4,96	85	T	servisna cev	kalota	23292 S	52	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	04.11.2022	11:13:25	0,87	51	T	servisna cev	kalota	23292 S	139	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	04.11.2022	11:13:24				servisna cev	kalota	23292 S	154	< trig . Level
MM-19	UM19274	T08_MP-3-1_23165_01	04.11.2022	11:13:25	0,93	39	L	servisna cev	kalota	23292 S	98	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	04.11.2022	11:13:24	1,92	31	T	servisna cev	kalota	23292 S	73	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	04.11.2022	11:13:25	0,73	38	T	servisna cev	kalota	23292 S	104	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	04.11.2022	11:13:24	1,35	47	T	servisna cev	kalota	23292 S	88	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	04.11.2022	11:13:25	1,78	64	L	servisna cev	kalota	23292 S	94	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	04.11.2022	11:13:24	2,87	68	L	servisna cev	kalota	23292 S	99	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	04.11.2022	11:13:27	1,42	49	T	servisna cev	kalota	23292 S	91	< L2
MM-27	UM8153		04.11.2022	11:13:24				servisna cev	kalota	23292 S	194	< trig . Level

MM-10	UM20418	T08_MP-3-1_23248_01	04.11.2022	12:00:05	3,05	43	V	glavna cev	stopnica	23219 G	64	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	04.11.2022	12:00:12	0,84	51	V	glavna cev	stopnica	23219 G	104	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	04.11.2022	12:00:06	1,05	26	T	glavna cev	stopnica	23219 G	116	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	04.11.2022	12:00:05	0,93	34	L	glavna cev	stopnica	23219 G	75	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	04.11.2022	12:00:04	4,11	47	T	glavna cev	stopnica	23219 G	46	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	04.11.2022	12:00:05	1,18	73	T	glavna cev	stopnica	23219 G	88	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	04.11.2022	12:00:04	1,83	100	T	glavna cev	stopnica	23219 G	62	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	04.11.2022	12:00:04	3,32	41	L	glavna cev	stopnica	23219 G	59	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	04.11.2022	12:00:04	5,36	68	L	glavna cev	stopnica	23219 G	75	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	04.11.2022	12:00:07	1,34	51	L	glavna cev	stopnica	23219 G	73	< L2
MM-27	UM8153		04.11.2022	12:00:04				glavna cev	stopnica	23219 G	188	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	05.11.2022	9:55:12	4,68	41	T	servisna cev	kalota	23296 S	51	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	05.11.2022	9:55:18	0,64	49	T	servisna cev	kalota	23296 S	143	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	05.11.2022	9:55:20	0,51	41	L	servisna cev	kalota	23296 S	158	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	05.11.2022	9:55:11	0,91	68	V	servisna cev	kalota	23296 S	102	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	05.11.2022	9:55:11	2,27	49	L	servisna cev	kalota	23296 S	76	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	05.11.2022	9:55:11	0,70	45	L	servisna cev	kalota	23296 S	108	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	05.11.2022	9:55:11	0,98	51	T	servisna cev	kalota	23296 S	91	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	05.11.2022	9:55:11	1,21	68	T	servisna cev	kalota	23296 S	97	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	05.11.2022	9:55:11	2,65	64	L	servisna cev	kalota	23296 S	100	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	05.11.2022	9:55:12	1,08	54	T	servisna cev	kalota	23296 S	94	< L2
MM-27	UM8153		05.11.2022	9:55:11				servisna cev	kalota	23296 S	197	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	05.11.2022	10:41:06				glavna cev	stopnica	23116 G	159	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	05.11.2022	10:41:06	3,59	41	L	glavna cev	stopnica	23116 G	48	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	05.11.2022	10:41:06	2,86	45	L	glavna cev	stopnica	23116 G	53	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	05.11.2022	10:41:06	2,99	146	V	glavna cev	stopnica	23116 G	71	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	05.11.2022	10:41:06	0,99	39	L	glavna cev	stopnica	23116 G	93	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	05.11.2022	10:41:06	1,22	28	T	glavna cev	stopnica	23116 G	80	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	05.11.2022	10:41:06	1,14	37	T	glavna cev	stopnica	23116 G	76	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	05.11.2022	10:41:07	0,83	60	T	glavna cev	stopnica	23116 G	96	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	05.11.2022	10:41:06	0,91	64	L	glavna cev	stopnica	23116 G	140	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	05.11.2022	10:41:08	1,63	47	L	glavna cev	stopnica	23116 G	82	< L2
MM-27	UM8153		05.11.2022	10:41:06				glavna cev	stopnica	23116 G	147	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	05.11.2022	12:16:44	3,29	30	T	glavna cev	stopnica	23224 G	60	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	05.11.2022	12:16:43	0,87	41	L	glavna cev	stopnica	23224 G	109	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	05.11.2022	12:16:45	0,54	37	L	glavna cev	stopnica	23224 G	121	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	05.11.2022	12:16:43	0,77	79	V	glavna cev	stopnica	23224 G	78	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	05.11.2022	12:16:42	3,21	41	T	glavna cev	stopnica	23224 G	49	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	05.11.2022	12:16:44	0,73	64	V	glavna cev	stopnica	23224 G	91	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	05.11.2022	12:16:43	1,50	85	T	glavna cev	stopnica	23224 G	66	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	05.11.2022	12:16:43	2,43	41	L	glavna cev	stopnica	23224 G	62	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	05.11.2022	12:16:42	4,28	68	L	glavna cev	stopnica	23224 G	74	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	05.11.2022	12:16:42				glavna cev	stopnica	23224 G	77	< trig . Level
MM-27	UM8153		05.11.2022	12:16:42				glavna cev	stopnica	23224 G	191	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	06.11.2022	10:42:28				glavna cev	stopnica	23121 G	154	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	06.11.2022	10:42:28	3,64	47	V	glavna cev	stopnica	23121 G	47	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	06.11.2022	10:42:28	2,78	49	L	glavna cev	stopnica	23121 G	54	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	06.11.2022	10:42:28	1,83	73	L	glavna cev	stopnica	23121 G	68	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	06.11.2022	10:42:28	0,85	45	T	glavna cev	stopnica	23121 G	88	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	06.11.2022	10:42:28	0,94	68	L	glavna cev	stopnica	23121 G	77	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	06.11.2022	10:42:28	0,95	51	L	glavna cev	stopnica	23121 G	72	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	06.11.2022	10:42:28	0,76	54	T	glavna cev	stopnica	23121 G	92	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	06.11.2022	10:42:28	0,73	54	T	glavna cev	stopnica	23121 G	135	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	06.11.2022	10:42:29	1,15	60	L	glavna cev	stopnica	23121 G	78	< L2
MM-27	UM8153		06.11.2022	10:42:28				glavna cev	stopnica	23121 G	147	< trig . Level

MM-10	UM20418	T08_MP-3-1_23248_01	06.11.2022	11:33:35	4,98	37	T	servisna cev	kalota	23300 S	50	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	06.11.2022	11:33:41	0,67	49	T	servisna cev	kalota	23300 S	146	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	06.11.2022	11:33:35	0,76	33	L	servisna cev	kalota	23300 S	162	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	06.11.2022	11:33:35	0,97	51	L	servisna cev	kalota	23300 S	106	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	06.11.2022	11:33:34	2,17	37	T	servisna cev	kalota	23300 S	79	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	06.11.2022	11:33:35	1,15	49	L	servisna cev	kalota	23300 S	111	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	06.11.2022	11:33:34	1,23	39	V	servisna cev	kalota	23300 S	95	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	06.11.2022	11:33:35	1,62	57	V	servisna cev	kalota	23300 S	100	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	06.11.2022	11:33:34	2,88	60	L	servisna cev	kalota	23300 S	102	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	06.11.2022	11:33:36	1,83	45	L	servisna cev	kalota	23300 S	98	< L2
MM-27	UM8153		06.11.2022	11:33:34				servisna cev	kalota	23300 S	200	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	06.11.2022	14:16:32	3,97	47	T	glavna cev	stopnica	23228 G	57	< L2
MM-15	UM20788	T08_MP-3-1_23130_01	06.11.2022	14:16:39	0,78	43	V	glavna cev	stopnica	23228 G	112	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	06.11.2022	14:16:32	0,51	37	T	glavna cev	stopnica	23228 G	124	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	06.11.2022	14:16:34	0,71	79	V	glavna cev	stopnica	23228 G	81	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	06.11.2022	14:16:30	2,38	45	T	glavna cev	stopnica	23228 G	51	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	06.11.2022	14:16:34	0,54	64	L	glavna cev	stopnica	23228 G	94	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	06.11.2022	14:16:31	1,25	85	T	glavna cev	stopnica	23228 G	69	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	06.11.2022	14:16:31	2,51	41	V	glavna cev	stopnica	23228 G	64	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	06.11.2022	14:16:30	2,78	57	L	glavna cev	stopnica	23228 G	74	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	06.11.2022	14:16:30				glavna cev	stopnica	23228 G	79	< trig . Level
MM-27	UM8153		06.11.2022	14:16:30				glavna cev	stopnica	23228 G	193	< trig . Level
MM-10	UM20418	T08_MP-3-1_23248_01	06.11.2022	19:16:24				glavna cev	stopnica	23121 G	154	< trig . Level
MM-15	UM20788	T08_MP-3-1_23130_01	06.11.2022	19:16:24	4,33	49	V	glavna cev	stopnica	23121 G	47	< L2
MM-16	UM19254	T08_MP-3-1_23115_01	06.11.2022	19:16:24	3,07	47	L	glavna cev	stopnica	23121 G	54	< L2
MM-19	UM19274	T08_MP-3-1_23165_01	06.11.2022	19:16:24	2,00	68	L	glavna cev	stopnica	23121 G	68	< L2
MM-20	UM18299	T08_MP-3-1_23200_01	06.11.2022	19:16:24	1,12	31	T	glavna cev	stopnica	23121 G	88	< L2
MM-21	UM18300	T08_MP-3-1_23165_01	06.11.2022	19:16:24	0,91	47	L	glavna cev	stopnica	23121 G	77	< L2
MM-22	UM15840	T08_MP-3-1_23185_01	06.11.2022	19:16:24	1,22	32	L	glavna cev	stopnica	23121 G	72	< L2
MM-23	UM15839	T08_MP-3-1_23190_01	06.11.2022	19:16:25	1,31	51	V	glavna cev	stopnica	23121 G	92	< L2
MM-24	UM20787	T08_MP-3-1_23240_01	06.11.2022	19:16:24	0,89	51	T	glavna cev	stopnica	23121 G	135	< L3
MM-25	UM19275	T08_MP-3-1_23185_01	06.11.2022	19:16:26	1,52	57	T	glavna cev	stopnica	23121 G	78	< L2
MM-27	UM8153		06.11.2022	19:16:24				glavna cev	stopnica	23121 G	147	< trig . Level

Situacija merskih mest



Mersko mesto 8

Mersko mesto 10

Mersko mesto 15

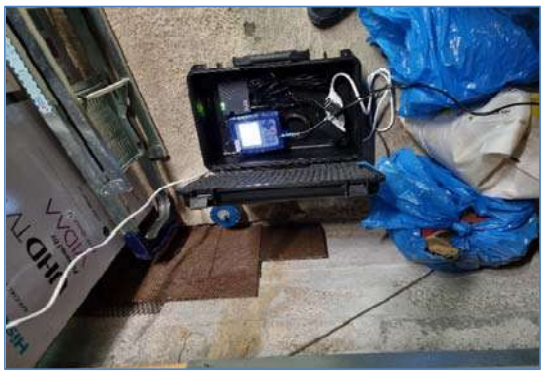
Mersko mesto 16

Mersko mesto 19

Mersko mesto 20

Mersko mesto 21

Mersko mesto 22



Mersko mesto 23

Mersko mesto 24

Mersko mesto 25

Mersko mesto 27

Mersko mesto 28

ANALIZA REZULTATOV in INTERPRETACIJA:

Na vseh trinajstih merskih mestih smo izvajali meritve vibracij na območjem naselja Plavje pri miniranju v predoru T-8 (Divača). Dne 3.11.2022 je bila ponovno vzpostavljeno mersko mesto MM-24. Rezultati meritev so prikazani v preglednici in diagramih meritev. Rezultati meritev za podano časovno obdobje ne presegajo mejnih vrednosti podanih s standardom DIN 4150-3.

MM-8 Plavje 50a

Mersko mesto MM-8 je vzpostavljeno na stanovanjskem objektu Plavje 50a in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-8 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 2,4 mm/s,** dne **1.11.2022** ob **15:19 uri** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 76 m.** Izkop stopnice glavne cevi se merskemu mestu oddaljuje.

MM-10 Plavje 39

Mersko mesto MM-10 je vzpostavljeno na stanovanjskem objektu Plavje 39 in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-10 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 5,81 mm/s,** dne **1.11.2022** ob **12:57 uri** pri miniranju **v kaloti servisne cevi na najkrajši oddaljenosti 56 m.** Izkop kalote servisne cevi in stopnice glavne cevi se merskemu mestu približujeta.

MM-15 Plavje 46

Mersko mesto MM-15 je vzpostavljeno na stanovanjskem objektu Plavje 46 in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-15 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 5,32 mm/s,** dne **1.11.2022** ob **15:19 pri miniranju v stopnice glavne cevi na najkrajši oddaljenosti 57 m**. Izkop stopnice glavne cevi se merskemu mestu približuje.

MM-16 Plavje 47a

Mersko mesto MM-16 je vzpostavljeno na stanovanjskem objektu Plavje 47a in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-16 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 8,29 mm/s,** dne **2.11.2022** ob **14:11 pri miniranju v stopnice glavne cevi na najkrajši oddaljenosti 56 m**. Izkop stopnice glavne cevi se merskemu mestu približuje.

MM-19 Plavje 43b

Mersko mesto MM-19 je vzpostavljeno na stanovanjskem objektu Plavje 43b in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-19 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 2,99 mm/s,** dne **5.11.2022** ob **10:41 pri miniranju v stopnici glavne cevi na najkrajši oddaljenosti 71 m.** Izkop stopnice glavne cevi se merskemu mestu približuje.

MM-20 Plavje 42

Mersko mesto MM-20 je vzpostavljeno na stanovanjskem objektu Plavje 42 in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-20 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 8,28 mm/s,** dne **1.11.2022** ob **13:00 uri** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 43 m.** Izkop kalote servisne cevi in stopnice glavne cevi se od merskega mesta odaljujeta.

MM-21 Plavje 44a

Mersko mesto MM-21 je vzpostavljeno na stanovanjskem objektu Plavje 44a in je opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-21 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 2,05 mm/s,** dne **1.11.2022** ob **13:00 uri** pri miniranju **v stopnici glavne cevi na najkraši oddaljenosti 82 m.** Izkop kalote servisne cevi in stopnice glavne cevi se od merskega mesta odaljujeta.

MM-22 Plavje 43/43a

Mersko mesto MM-22 je vzpostavljeno na stanovanjskem objektu Plavje 43 in je opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-22 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 3,57 mm/s,** dne **1.11.2022** ob **13:00 uri** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 56 m.** Izkop kalote servisne cevi in stopnice glavne cevi se od merskega mesta odaljujeta.

MM-23 Plavje 41/41a

Mersko mesto MM-23 je vzpostavljeno na stanovanjskem objektu Plavje 41a in je opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-23 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 6,04 mm/s,** dne **1.11.2022** ob **13:00** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 56 m.** Izkop kalote servisne cevi in stopnice glavne cevi se od merskega mesta odaljujeta.

MM-24 Plavje 37 (Jamškova domačija)

Mersko mesto MM-24 je bilo pononvo vzpostavljeno den 3.11.2022 na stanovanjskem objektu Plavje 37 in je opredeljeno po standardu DIN 4150 v razred L_3. Rezultati meritev na merskem mestu MM-243 **niso presegli** mejnih vrednosti za razred spomeniško varovanih objektov L_3 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 5,36 mm/s,** dne **4.11.2022** ob **12:00** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 75 m.** Izkop kalote servisne cevi se od merskega mesta oddaljuje.

MM-25 Plavje 44

Mersko mesto MM-25 je vzpostavljeno na stanovanjskem objektu Plavje 44 in je opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-25 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 2,36 mm/s,** dne **1.11.2022** ob **12:57 uri** pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 82 m.** Izkop kalote servisne cevi se od merskega mesta oddaljuje.

MM-27 Plavje 56

Mersko mesto MM-27 je vzpostavljeno na stanovanjskem objektu Plavje 56 in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-27 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Najvišja izmerjena vrednost hitrosti valovanja je bila **V_{Rmax} = 1,14 mm/s,** dne **1.11.2022** ob 15:19 pri miniranju **v stopnici glavne cevi na najkrajši oddaljenosti 145 m.**

MM-28 Plavje 20

Mersko mesto MM-28 je vzpostavljeno na stanovanjskem objektu Plavje 20 in opredeljeno po standardu DIN 4150 v razred L_2. Rezultati meritev na merskem mestu MM-28 **niso presegli** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3 oz. so pod pragom nastavitve merskega inštrumenta (trig. level). Najkrajša oddaljenost izkopa kalote servisne cevi je 137 m. Izkop kalote servisne cevi se merskemu mestu približuje.

OPOMBA:

Analiza oddaljenosti je narejena na osnovi prejetih podatkov lokacij miniranj, ki jih podaja izvajalec del in sicer od osi nivelete predorske cevi do merskega mesta. Vibracije niso presegle mejnih vrednosti za stanovanjske objekte L_2 po standardu DIN 4150-3. Mersko mesto MM-27 (Plavje 56) je še vedno vzpostavljeno po navodilih družbe 2TDK (12.10.2022). Dne 3.11. in 4.11. je bilo mersko mesto MM-8 (Palvje 50a) in MM-28 (Palvje 20) začasno ukinjeno, merski inštrument pa prestavljen na mersko mesto MM-24 (Plavje 37).

Meritve izvedel:	**Matija Tori, mag.inž.geoteh.** **Nika Köveš, d.i.geoteh.**	Analiza meritev:	**Matija Tori, mag.inž.geoteh.**

PRILOGA 1.2:
Rezultati meritev

- MM-8 (Plavje 50a) -

Waveform Trigger Source	Tran at November 1, 2022 15:19:14	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221101151914.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

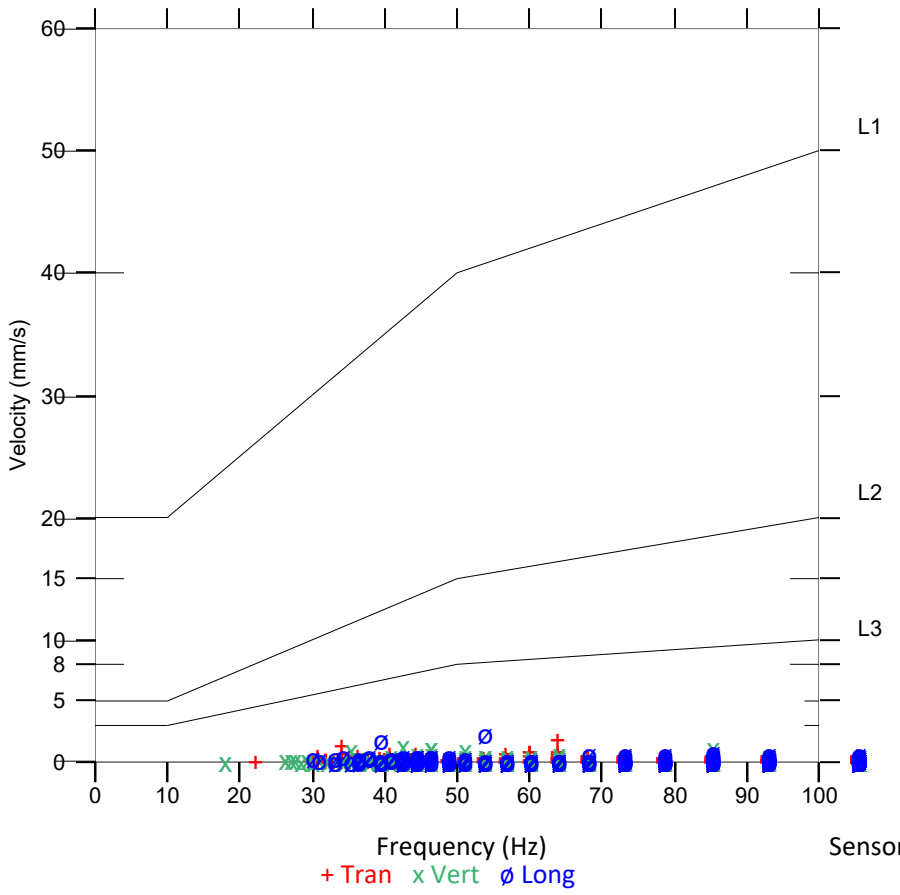
Notes

Location	MM-8, Plavje 50a
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.781 mm/s	1.332 mm/s	2.215 mm/s
Zero Crossing Frequency	64.0 Hz	42.7 Hz	53.9 Hz
Time (Relative to Trigger)	1.600 sec	1.559 sec	1.587 sec
Peak Acceleration	0.089 g	0.081 g	0.102 g
Peak Displacement	0.005 mm	0.004 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.9	4.6
Peak Vector Sum	2.399 mm/s at 1.593 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



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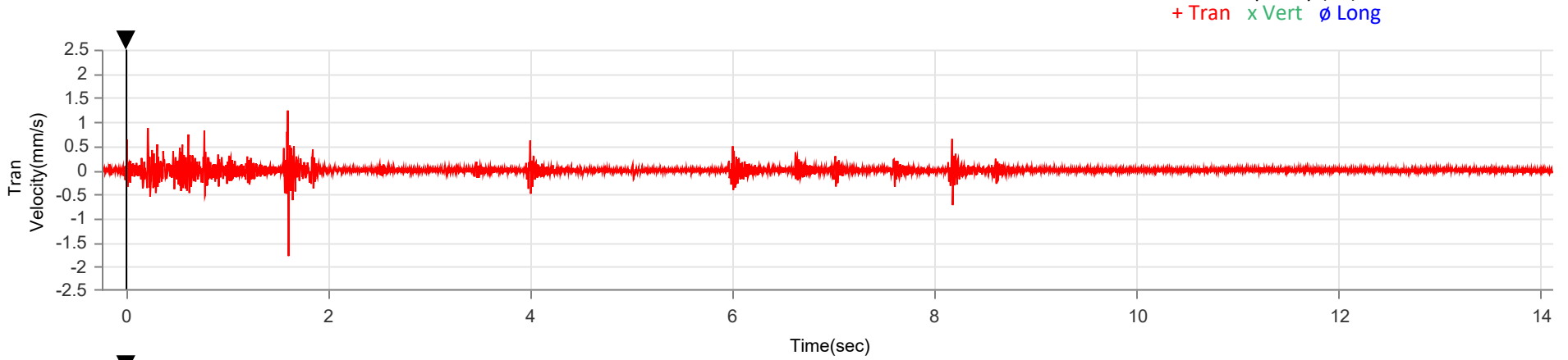

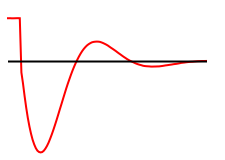

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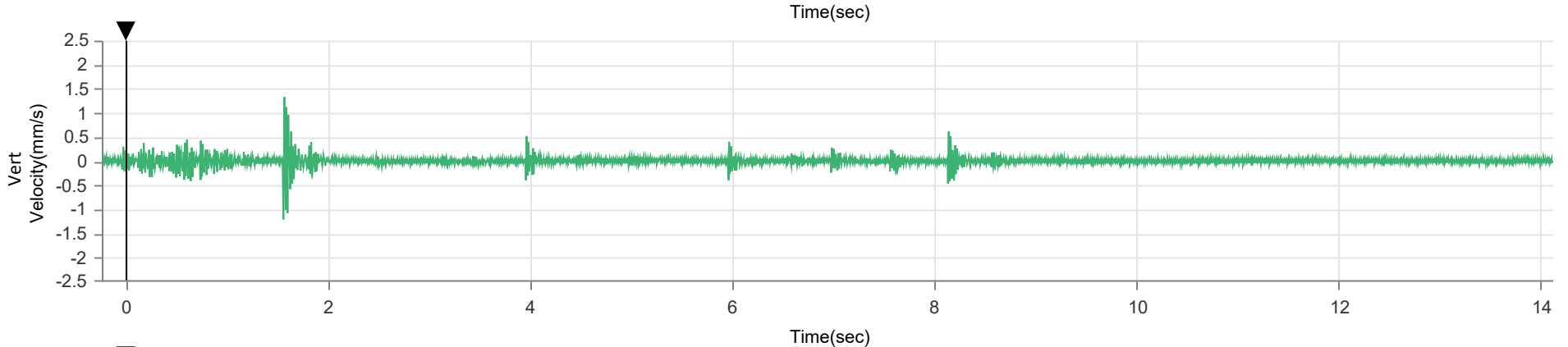

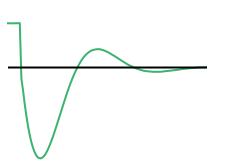

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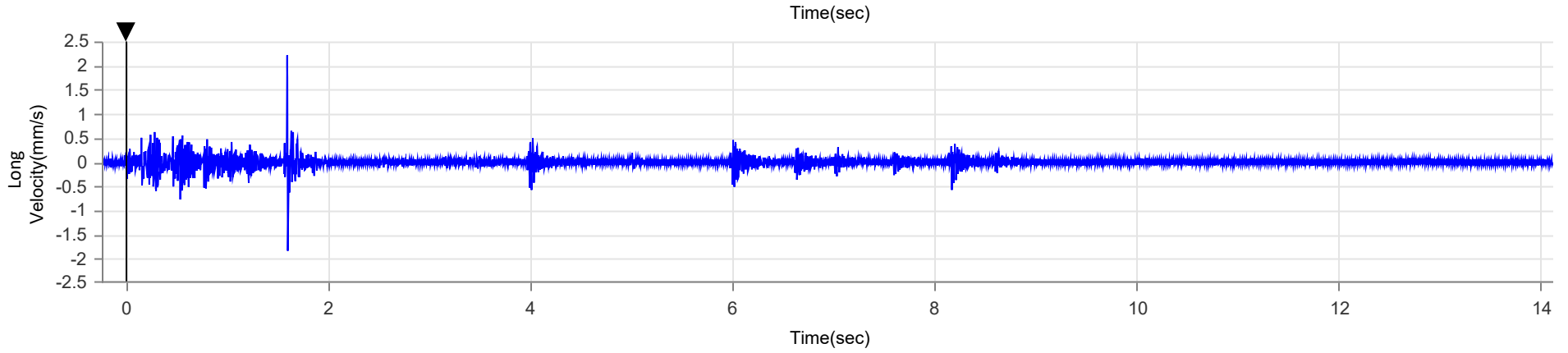

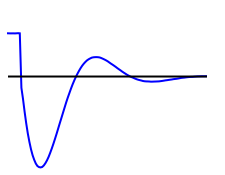

✓ Passed

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Waveform Trigger Source	Long at November 2, 2022 14:11:31	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

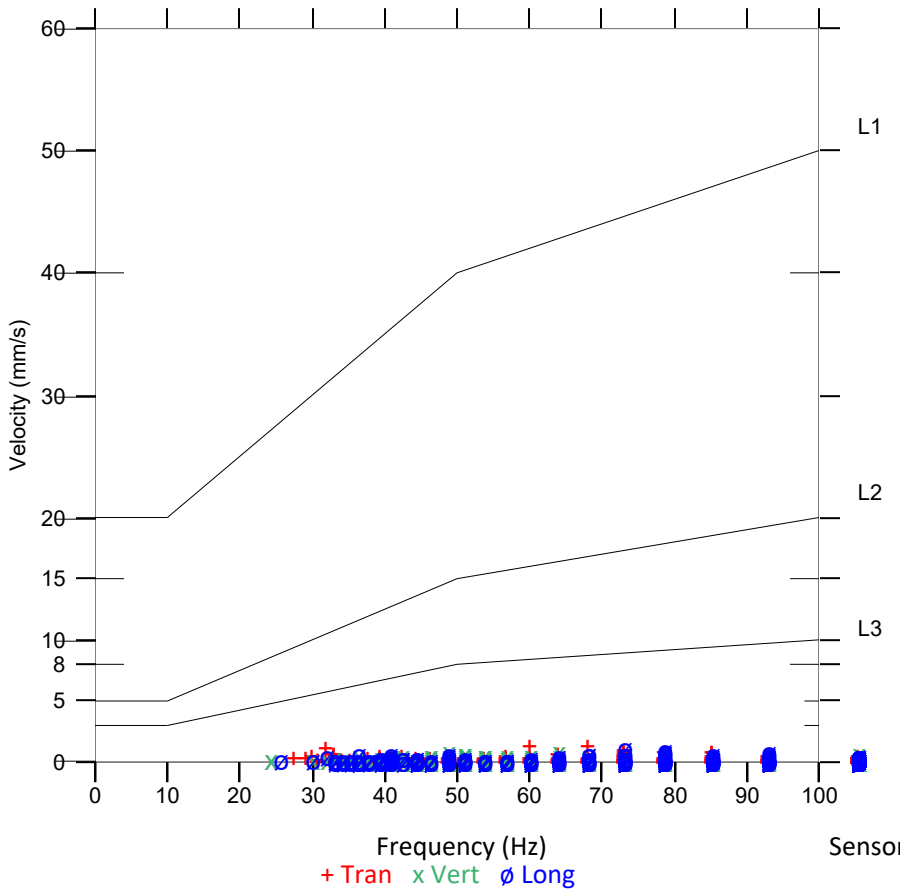
Notes

Location	MM-8, Plavje 50a
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.340 mm/s	0.867 mm/s	1.103 mm/s
Zero Crossing Frequency	68.3 Hz	48.8 Hz	73.1 Hz
Time (Relative to Trigger)	0.502 sec	5.949 sec	0.498 sec
Peak Acceleration	0.063 g	0.046 g	0.058 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.9	4.6
Peak Vector Sum	1.405 mm/s at 0.502 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



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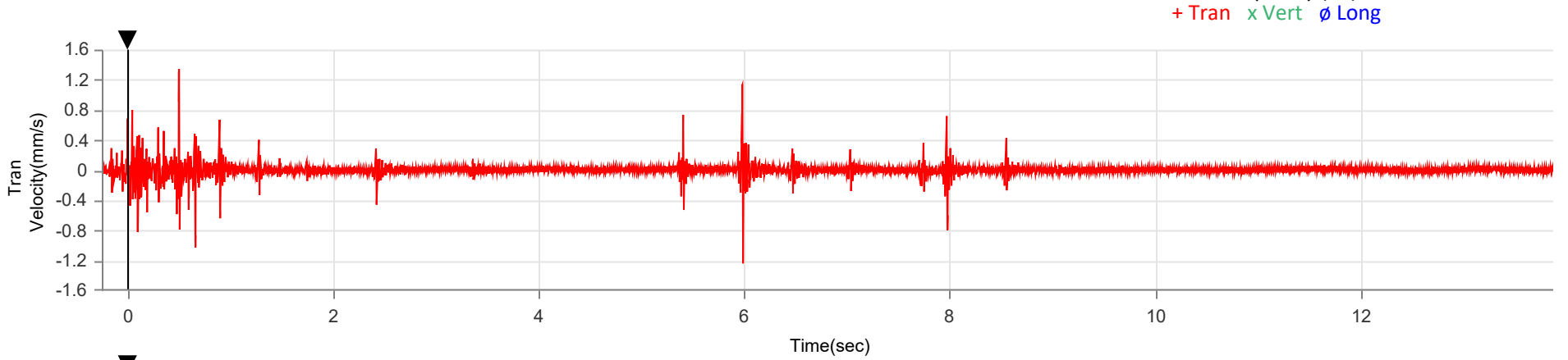

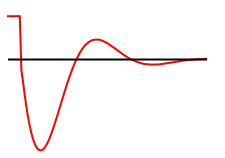

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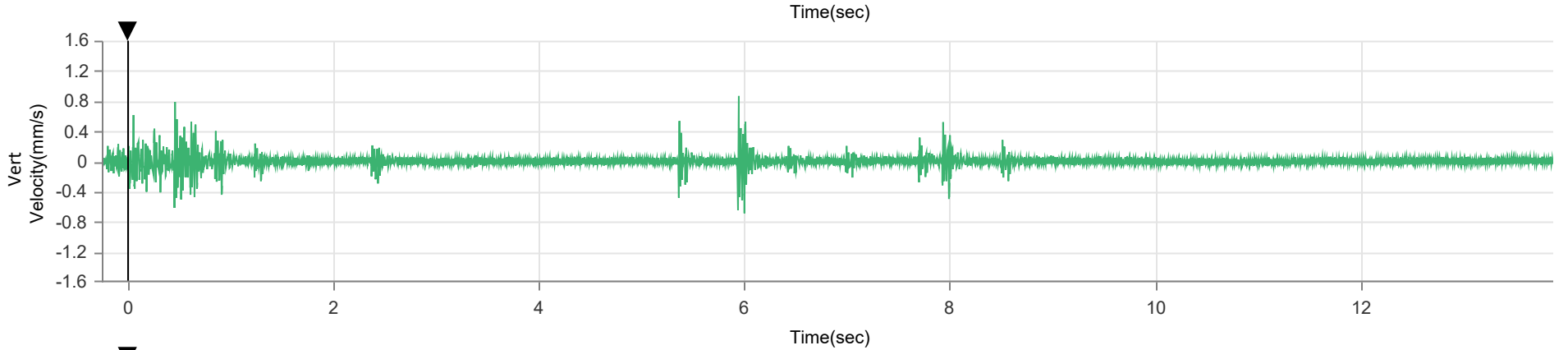

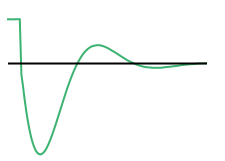

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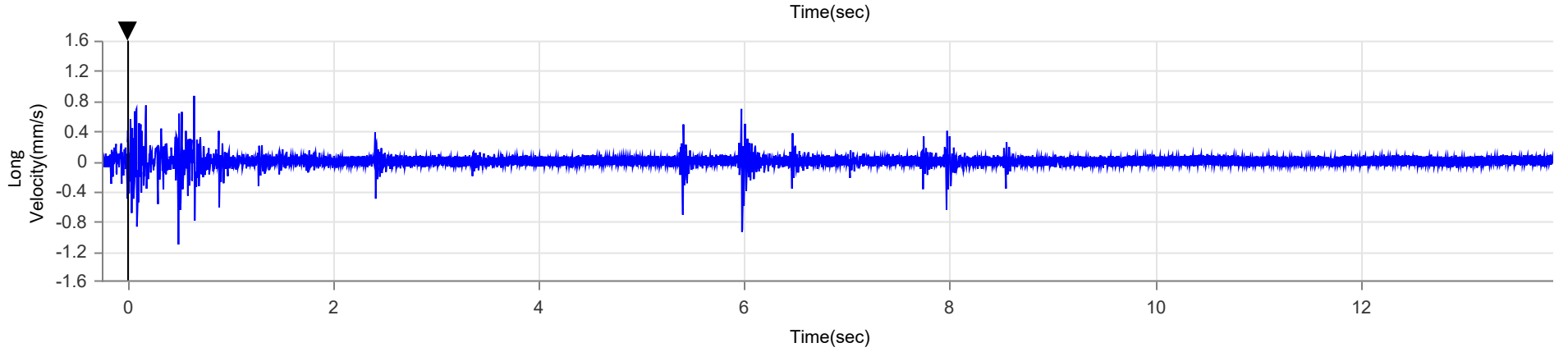

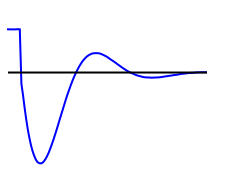

✓ Passed

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PRILOGA 1.3:
Rezultati meritev

- MM-10 (Plavje 39) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:30	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221101125730.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

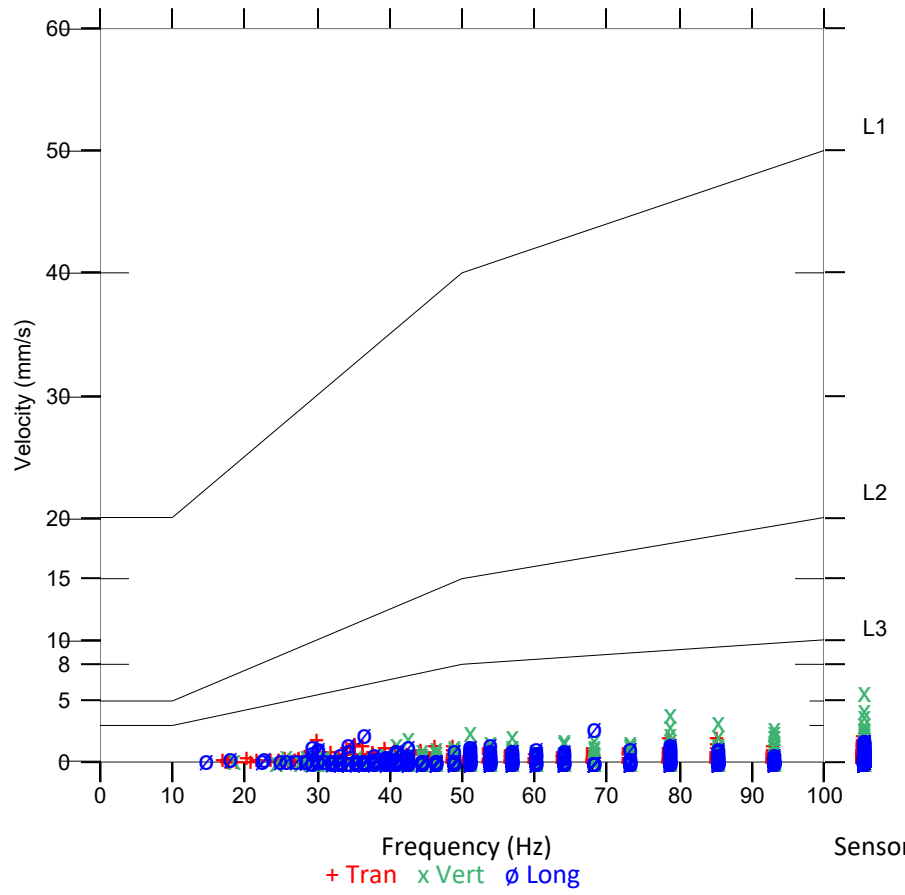
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.120 mm/s	5.651 mm/s	2.751 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	1.487 sec	0.609 sec	0.642 sec
Peak Acceleration	0.341 g	0.576 g	0.275 g
Peak Displacement	0.007 mm	0.007 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.3	4.9	5.4
Peak Vector Sum	5.810 mm/s at 0.610 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



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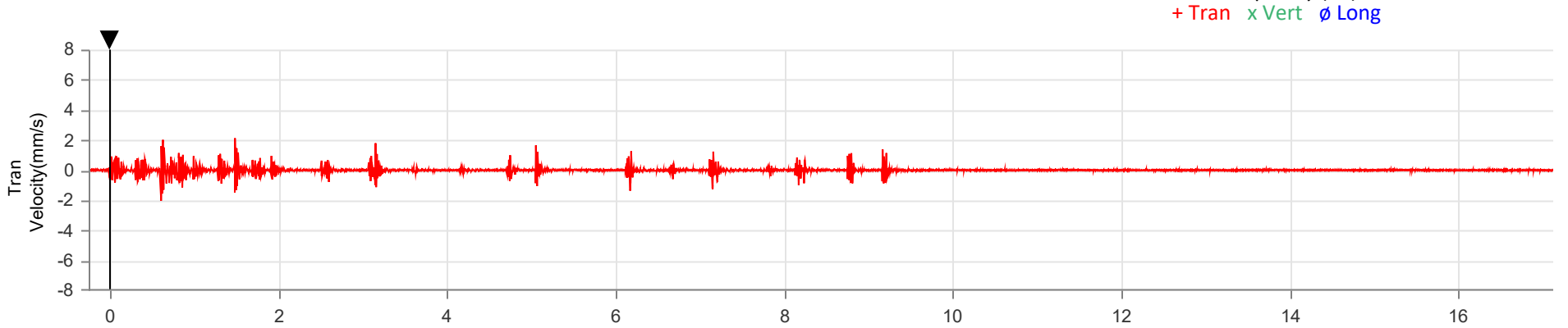

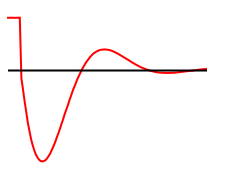

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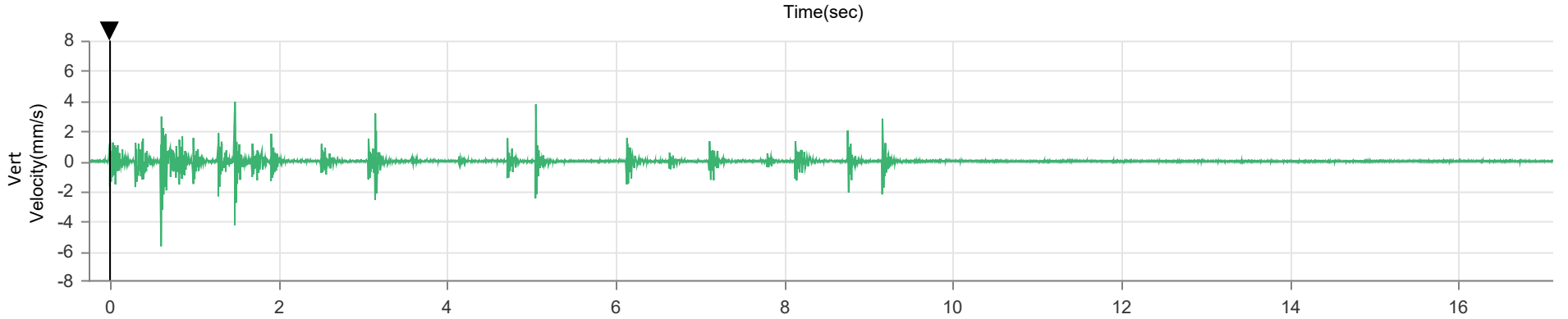

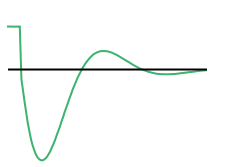

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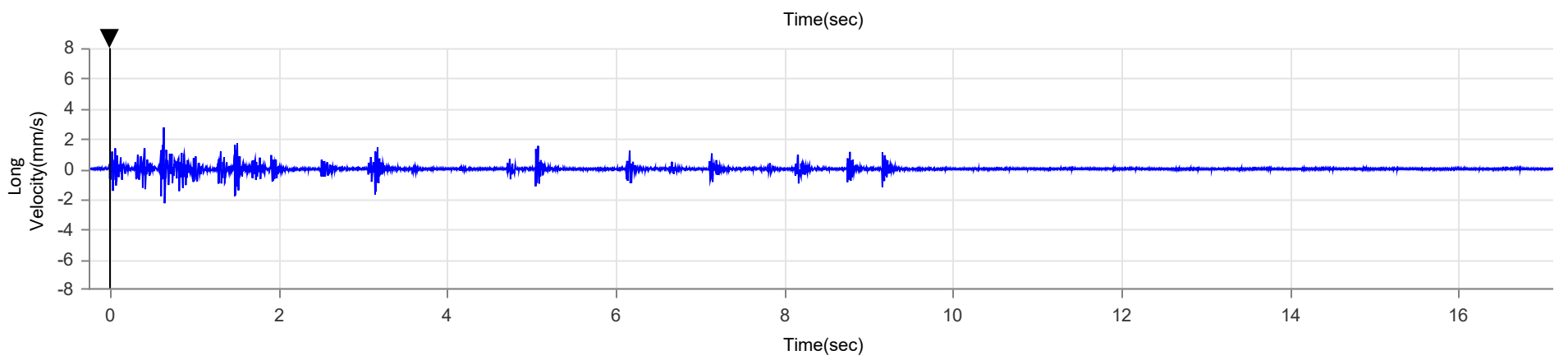

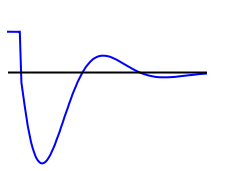

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 13:00:10	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

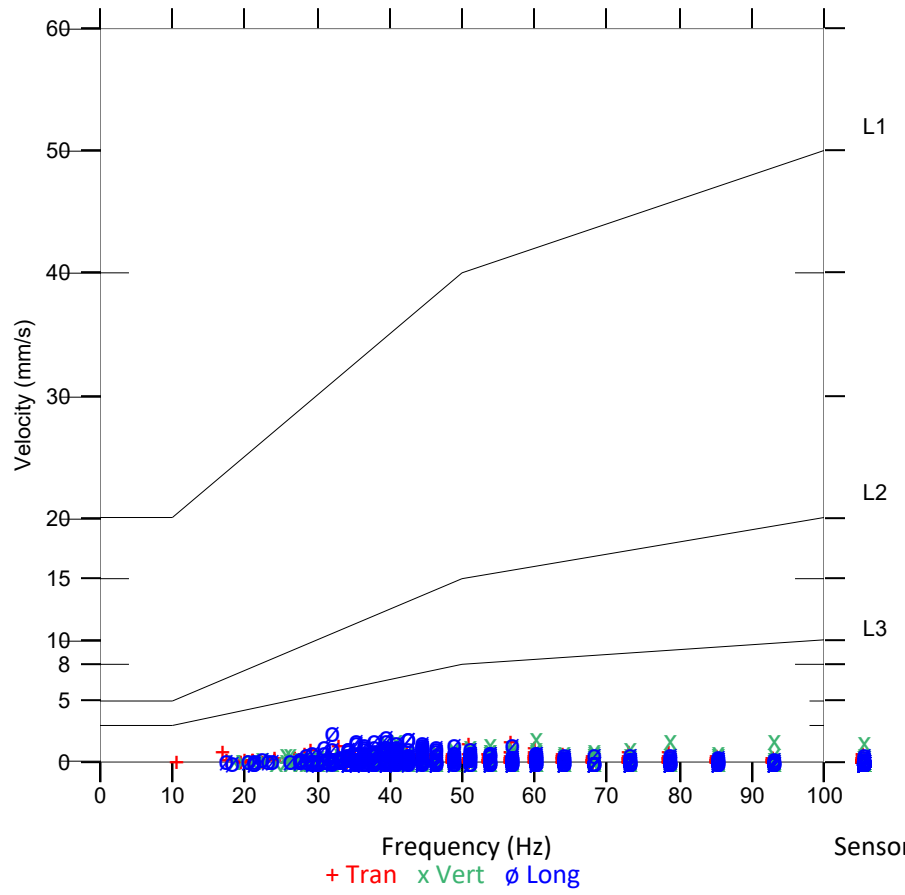
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

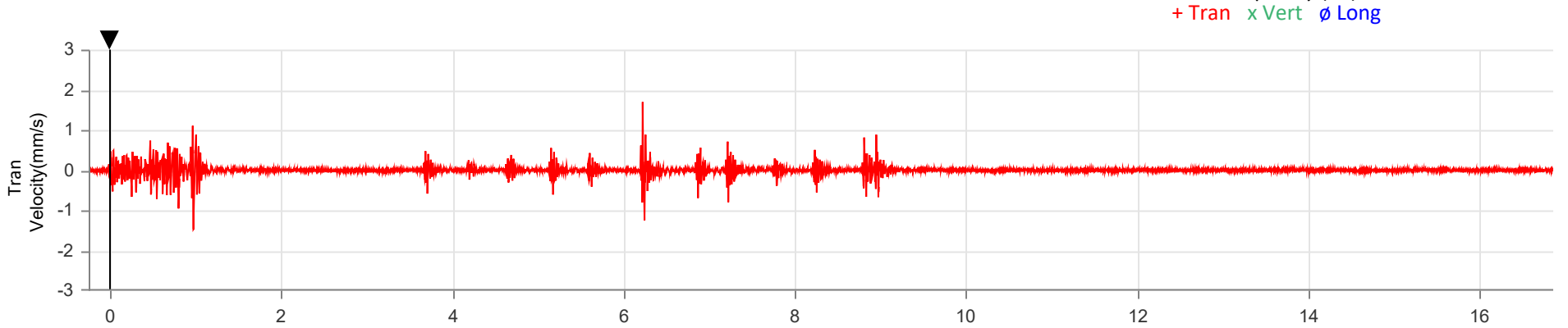
Post Event Notes No text to be displayed.

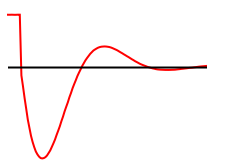
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.695 mm/s	1.939 mm/s	2.420 mm/s
Zero Crossing Frequency	56.9 Hz	60.2 Hz	32.0 Hz
Time (Relative to Trigger)	6.224 sec	0.986 sec	0.981 sec
Peak Acceleration	0.082 g	0.135 g	0.100 g
Peak Displacement	0.006 mm	0.005 mm	0.009 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.3	4.9	5.4
Peak Vector Sum	2.474 mm/s at 0.981 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

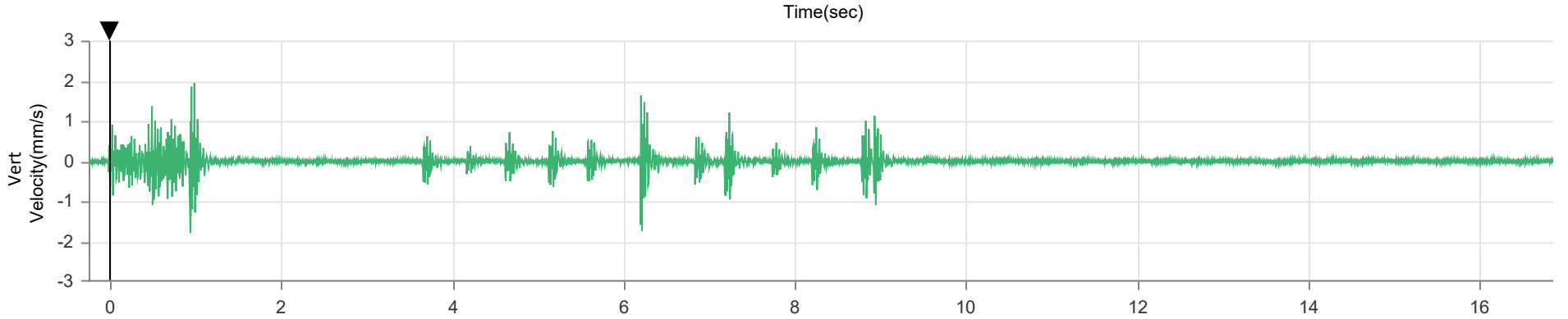


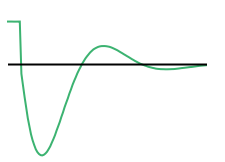
Sensor Check



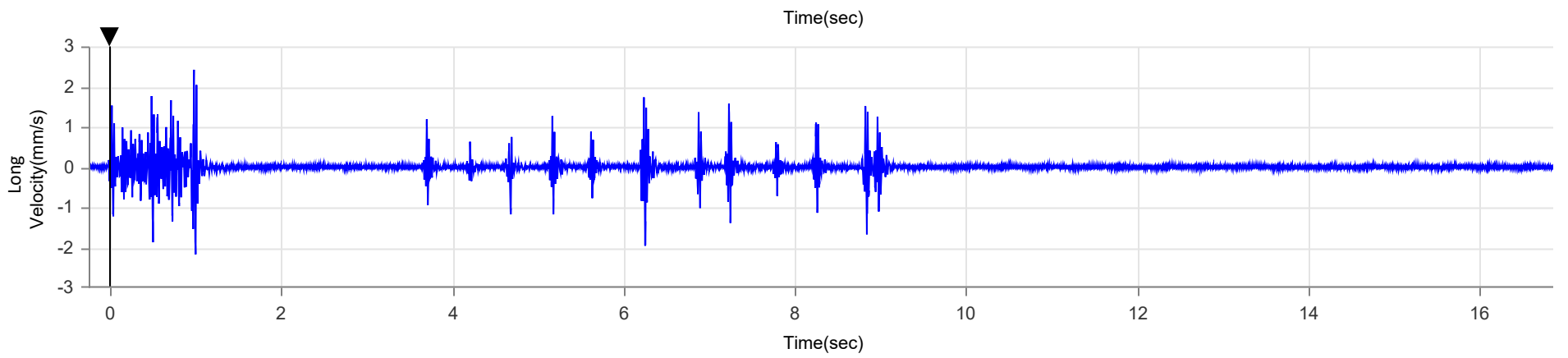


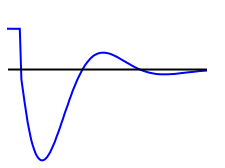
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 10:17:42	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221102101742.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

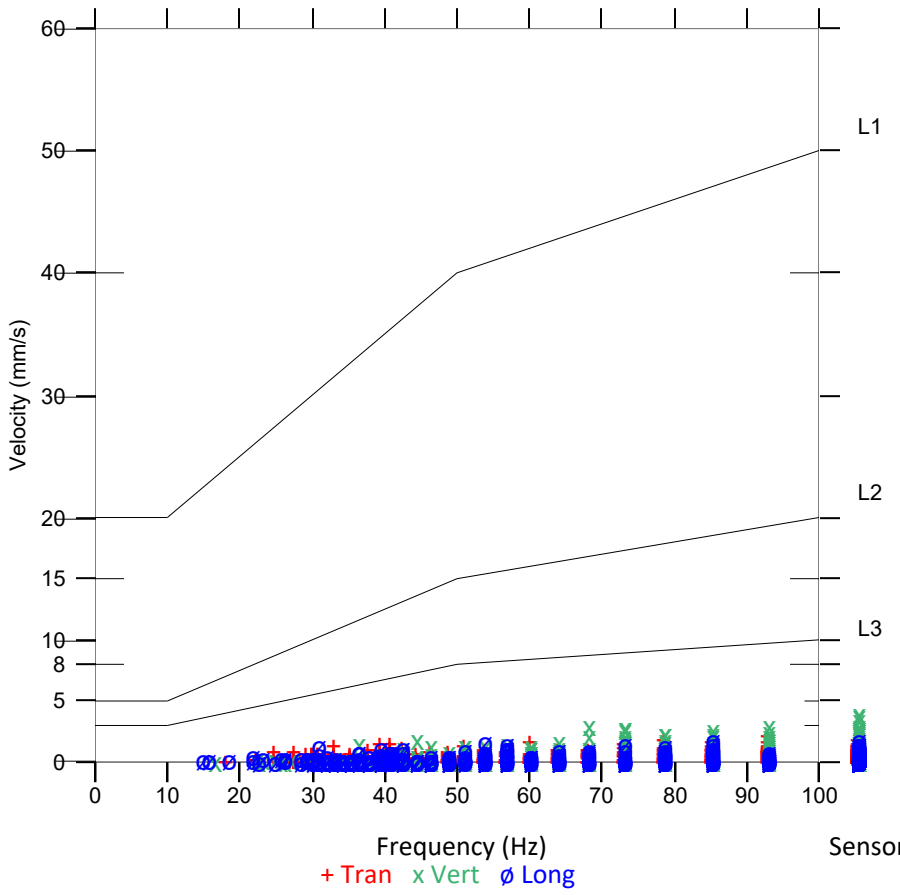
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

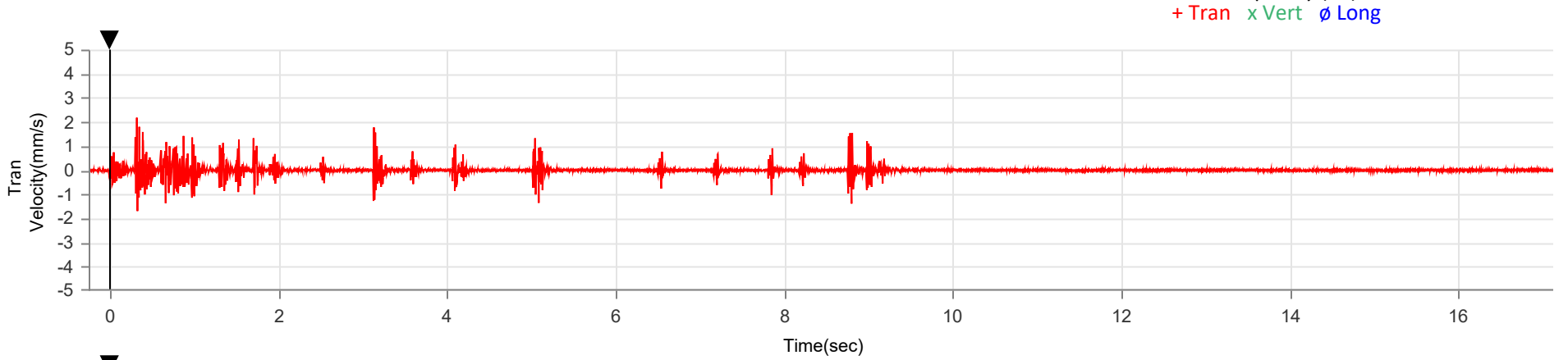
Post Event Notes No text to be displayed.

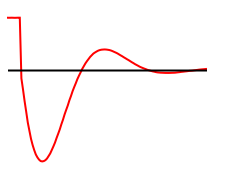
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.175 mm/s	3.980 mm/s	1.797 mm/s
Zero Crossing Frequency	93.1 Hz	>100 Hz	85.3 Hz
Time (Relative to Trigger)	0.322 sec	3.133 sec	0.329 sec
Peak Acceleration	0.268 g	0.513 g	0.247 g
Peak Displacement	0.006 mm	0.005 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.3	4.9	5.4
Peak Vector Sum	4.215 mm/s at 3.133 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

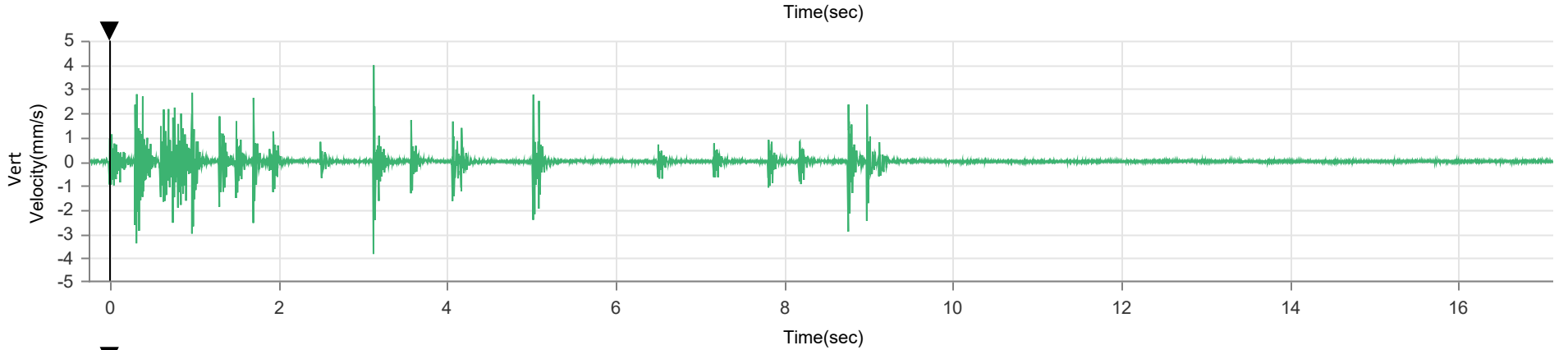


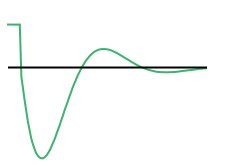
Sensor Check





✓ Passed





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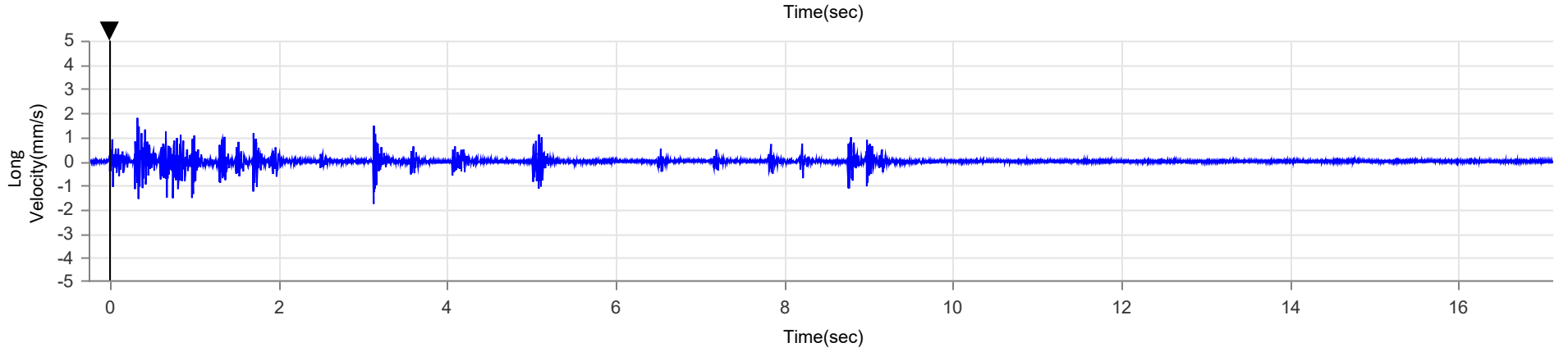

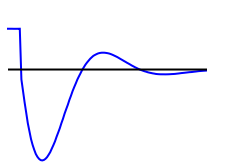

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 11:24:57	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221102112457.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

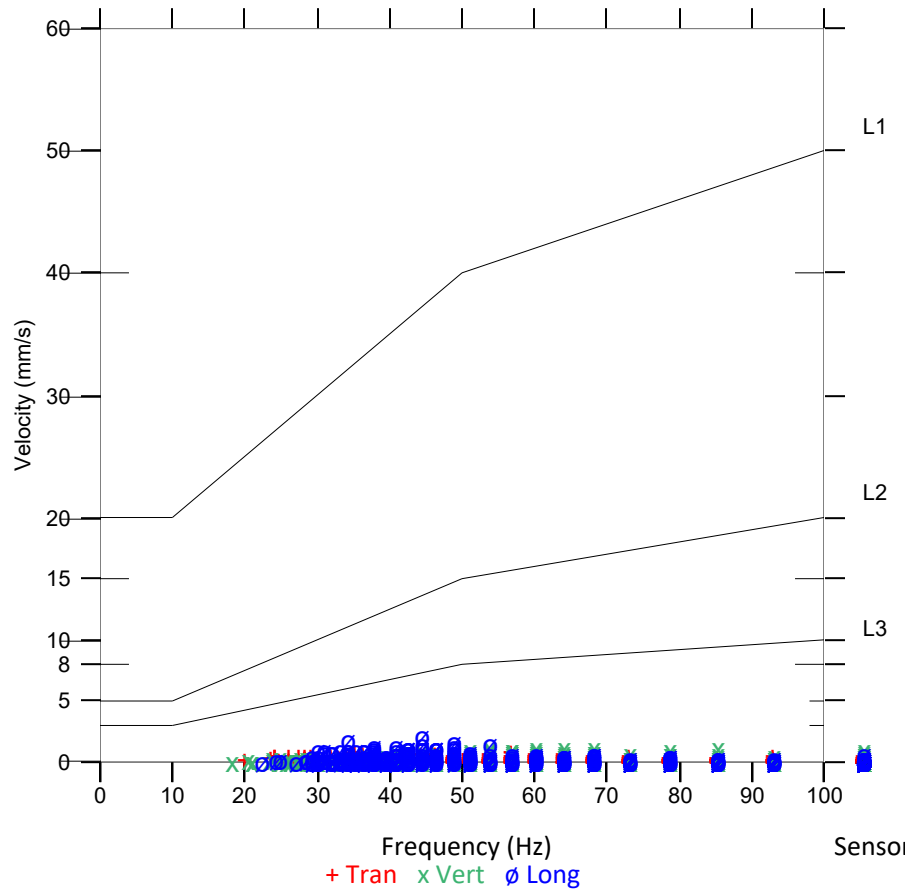
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

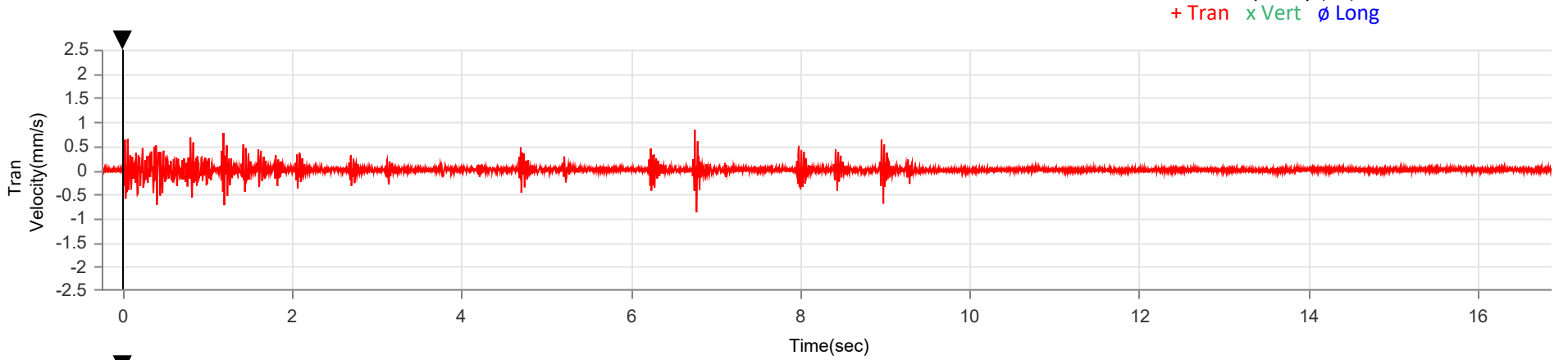
Post Event Notes No text to be displayed.

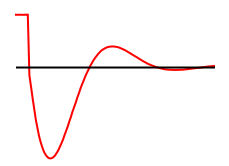
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.875 mm/s	1.159 mm/s	2.081 mm/s
Zero Crossing Frequency	35.3 Hz	64.0 Hz	44.5 Hz
Time (Relative to Trigger)	6.775 sec	0.371 sec	0.040 sec
Peak Acceleration	0.067 g	0.099 g	0.067 g
Peak Displacement	0.003 mm	0.003 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.3	4.9	5.4
Peak Vector Sum	2.087 mm/s at 0.040 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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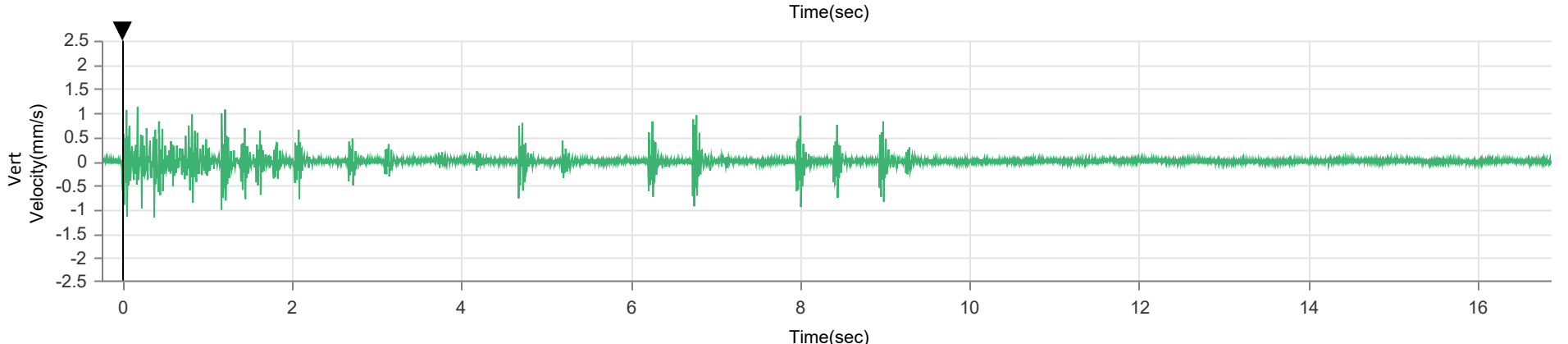

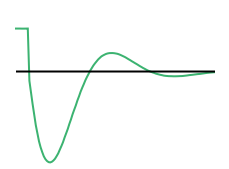

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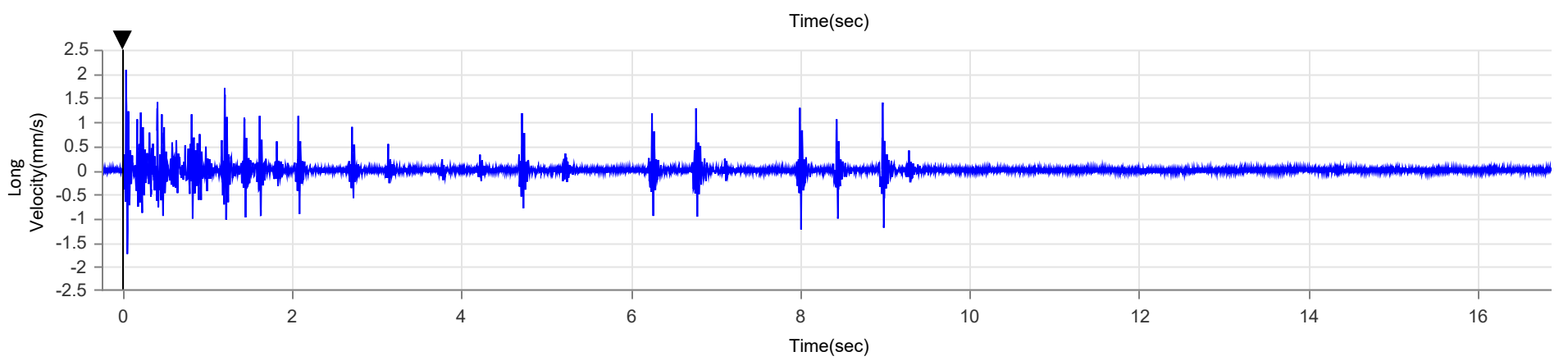

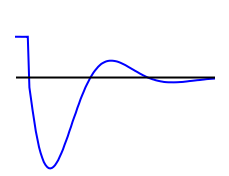

✓ Passed

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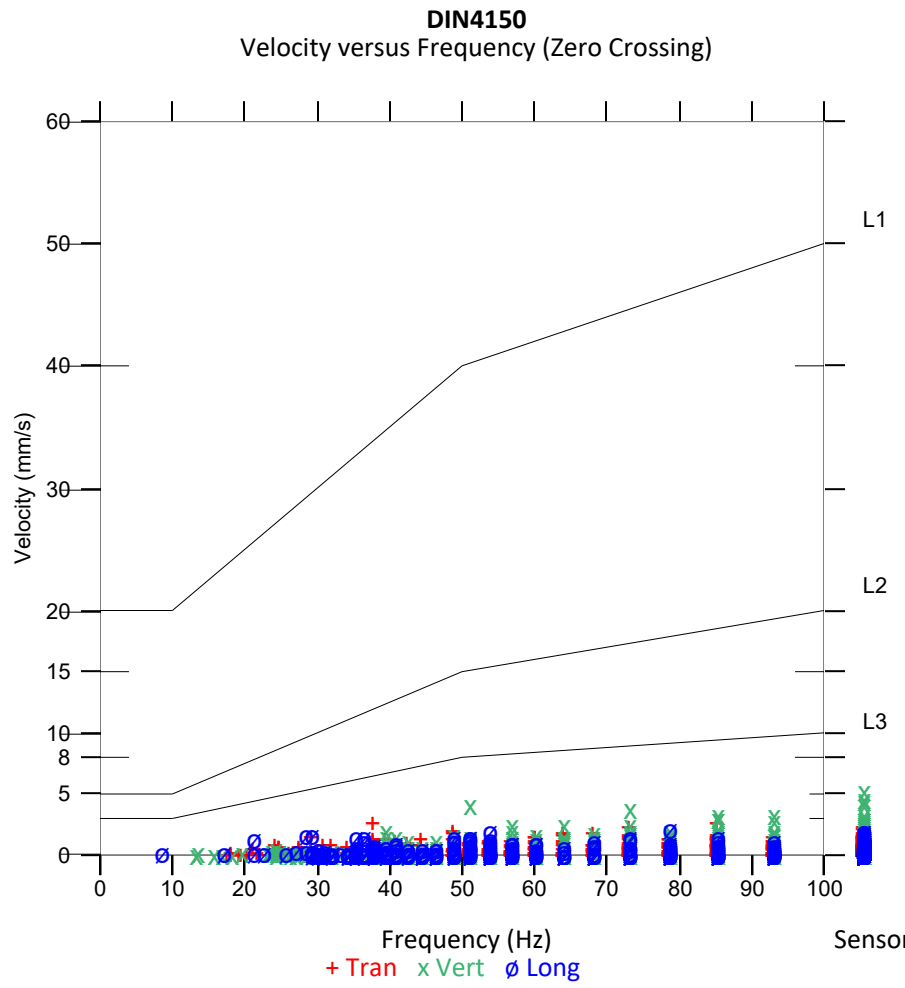
Waveform Trigger Source	Vert at November 2, 2022 15:31:12	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221102153112.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

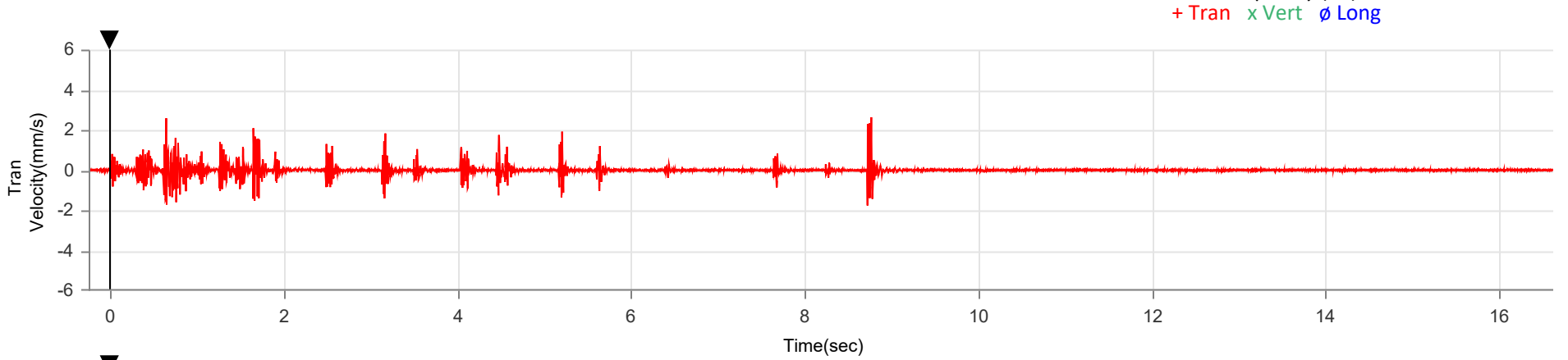
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

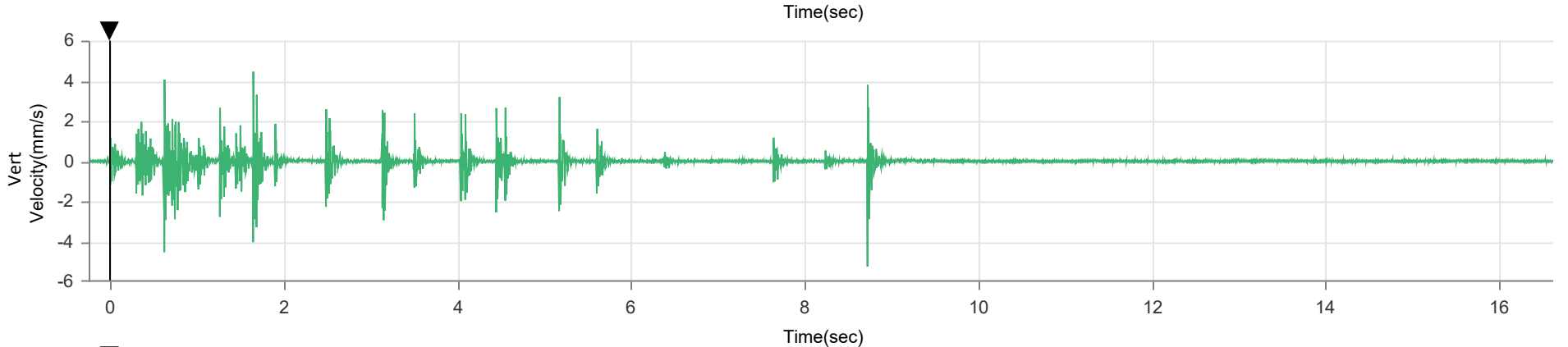
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.633 mm/s	5.234 mm/s	2.065 mm/s
Zero Crossing Frequency	37.9 Hz	>100 Hz	78.8 Hz
Time (Relative to Trigger)	8.767 sec	8.722 sec	8.752 sec
Peak Acceleration	0.385 g	0.601 g	0.318 g
Peak Displacement	0.009 mm	0.007 mm	0.007 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.3	4.9	5.4
Peak Vector Sum	5.406 mm/s at 8.722 sec		



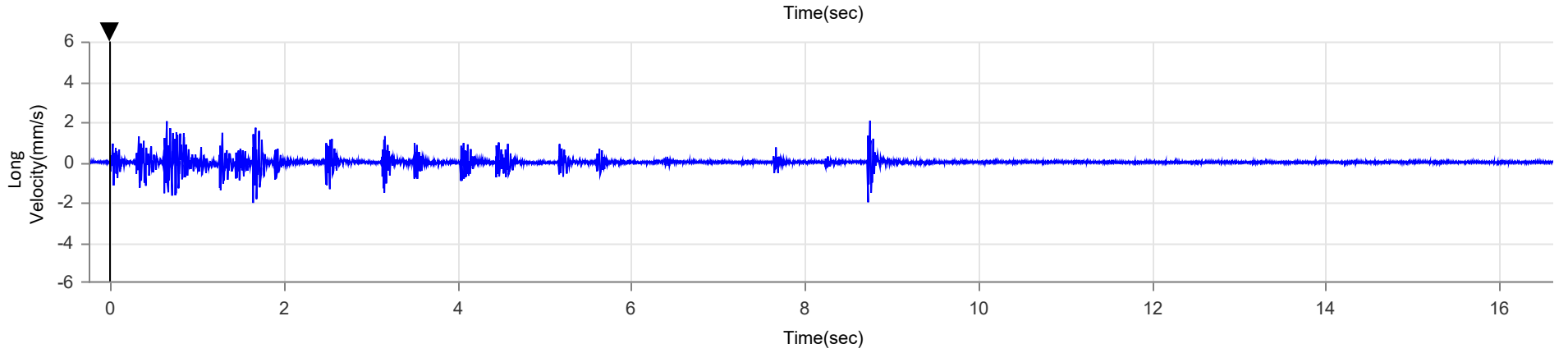


Sensor Check

✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 10:57:49	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221103105749.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

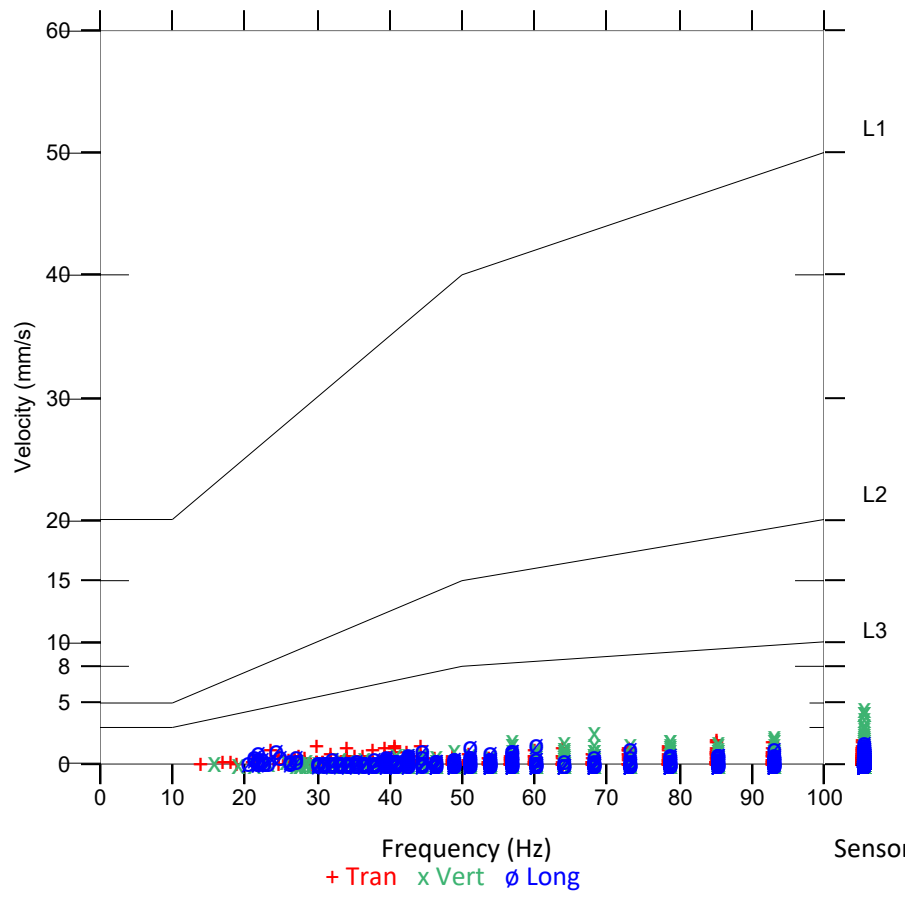
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

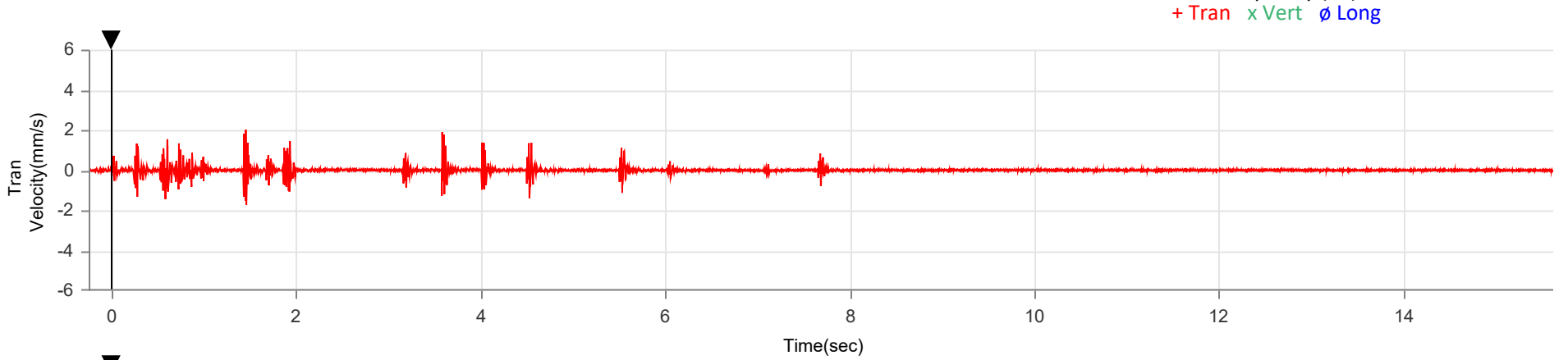
Post Event Notes No text to be displayed.

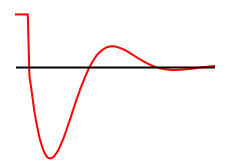
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.018 mm/s	4.579 mm/s	1.750 mm/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	1.455 sec	1.449 sec	1.434 sec
Peak Acceleration	0.301 g	0.604 g	0.263 g
Peak Displacement	0.005 mm	0.005 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	4.841 mm/s at 1.449 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

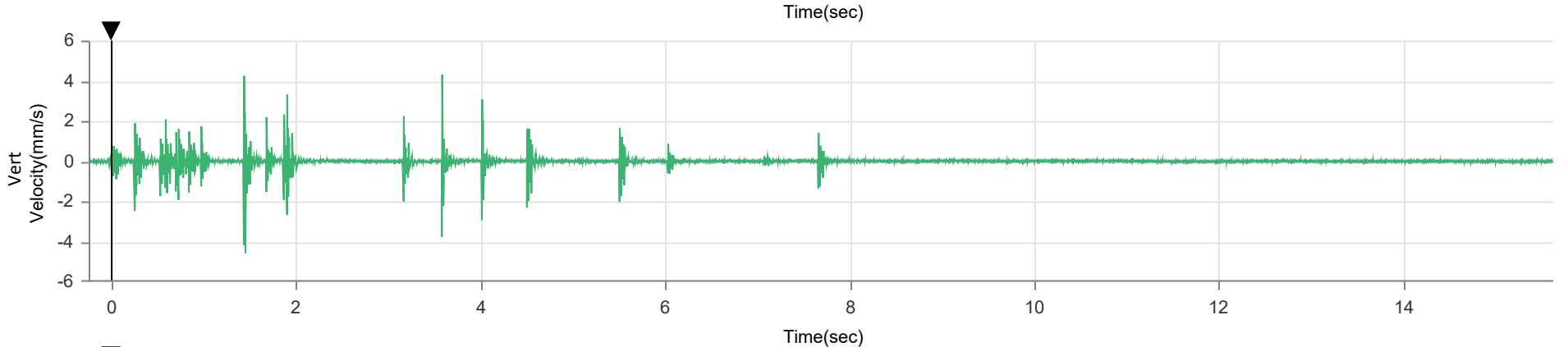


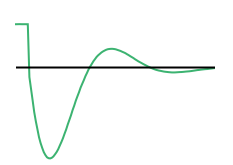
Sensor Check



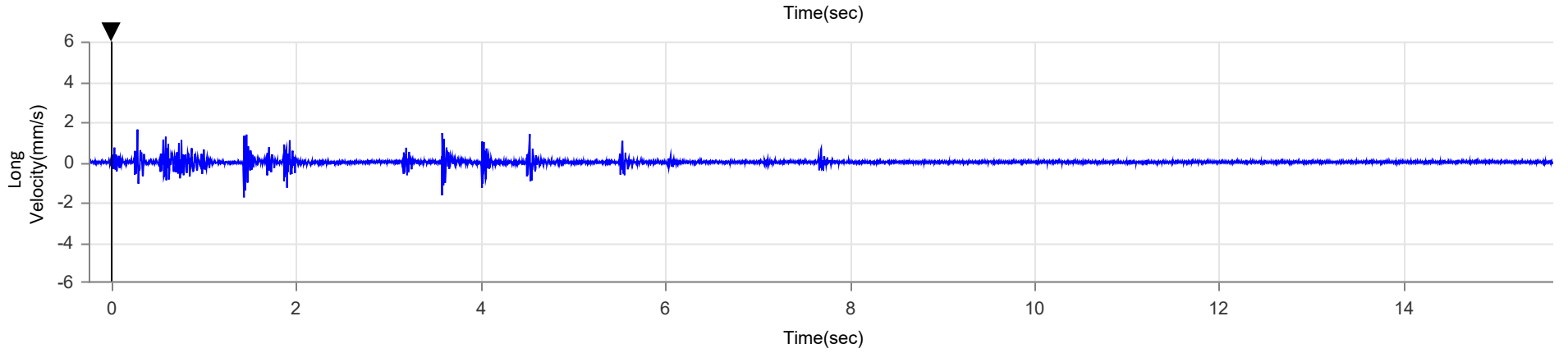


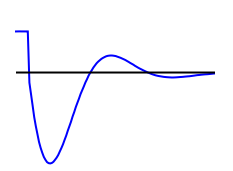
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 14:11:21	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221103141121.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

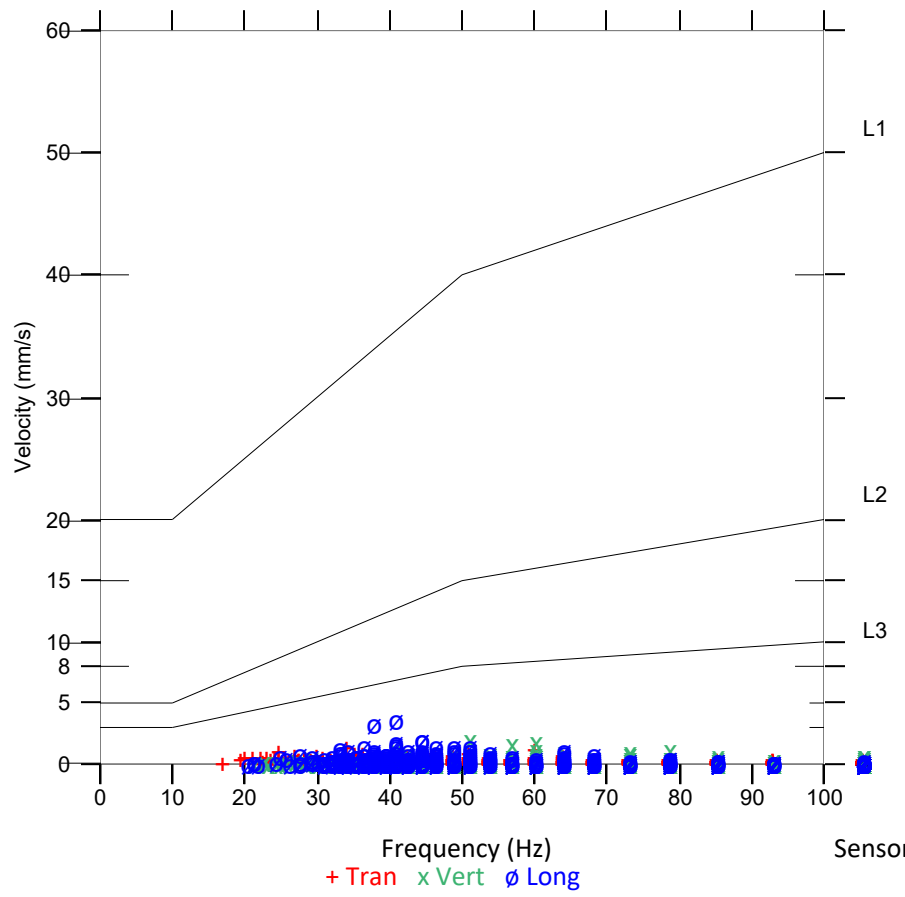
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

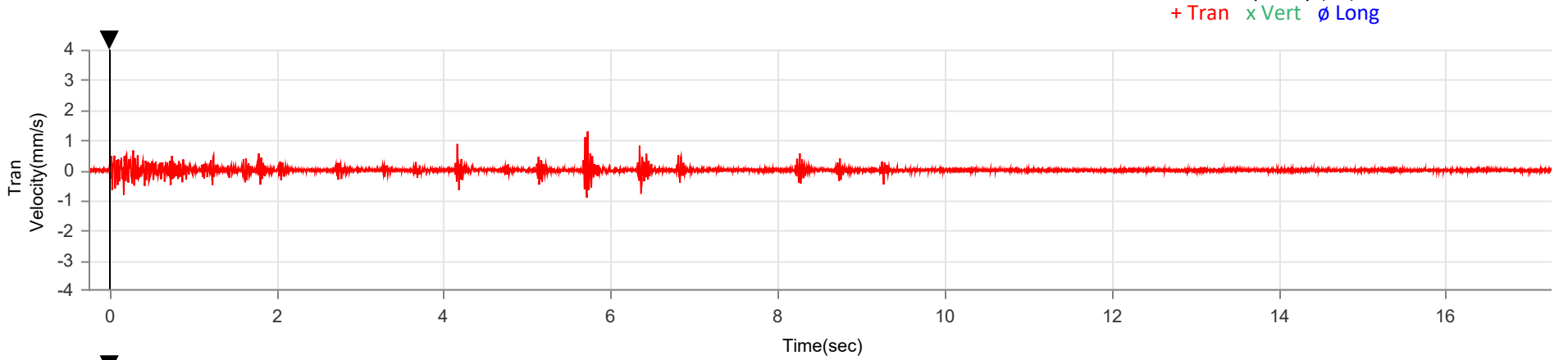
Post Event Notes No text to be displayed.

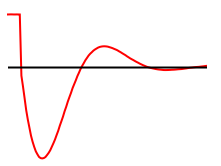
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.285 mm/s	1.963 mm/s	3.563 mm/s
Zero Crossing Frequency	34.1 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	5.727 sec	5.724 sec	5.711 sec
Peak Acceleration	0.049 g	0.077 g	0.087 g
Peak Displacement	0.006 mm	0.006 mm	0.013 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	3.960 mm/s at 5.725 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

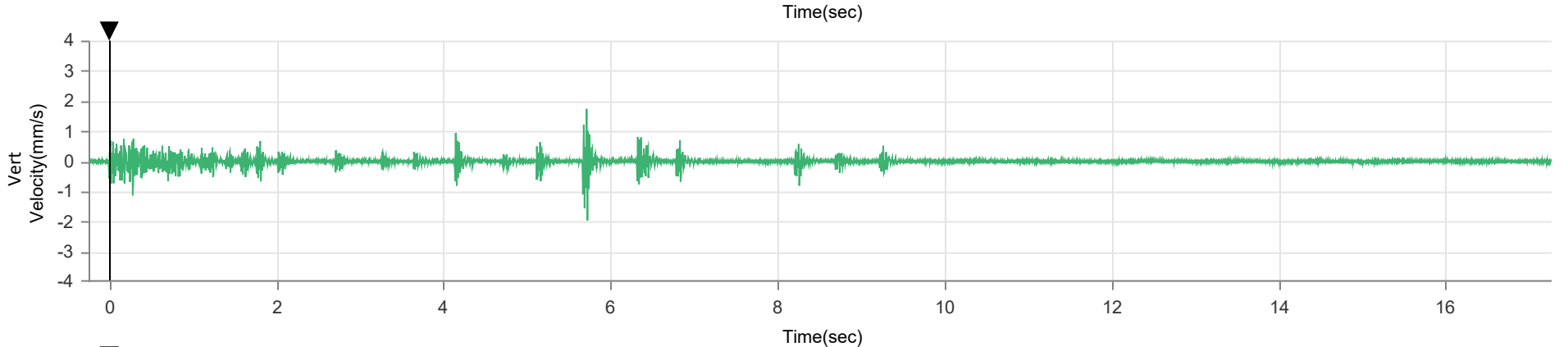


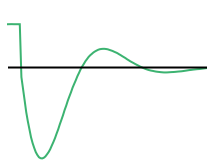
Sensor Check



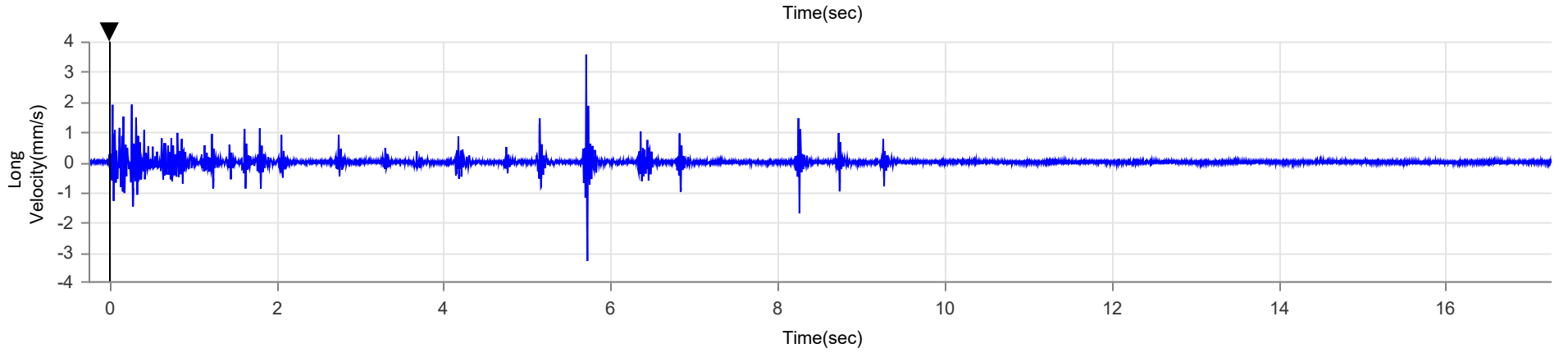


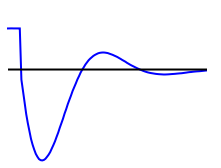
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 11:13:26	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221104111326.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

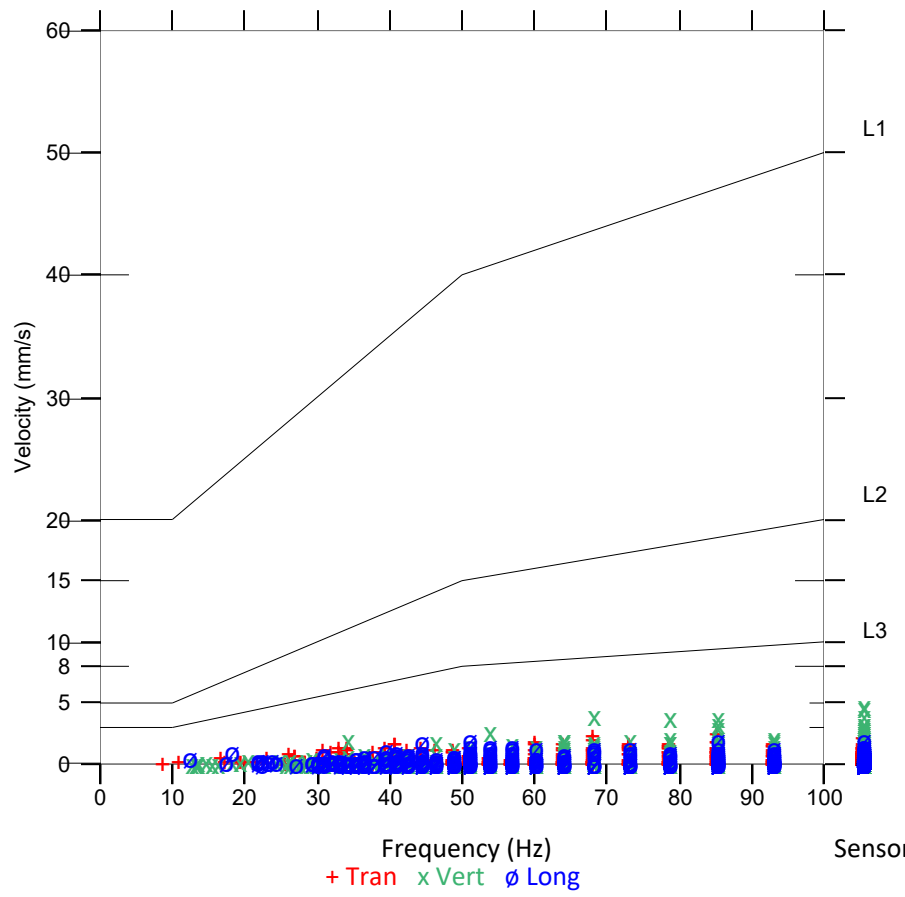
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

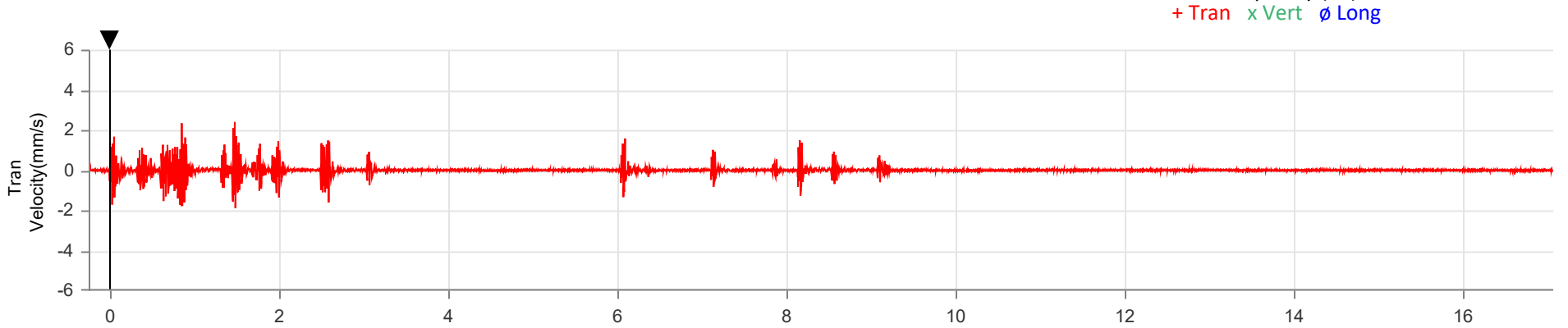
Post Event Notes No text to be displayed.

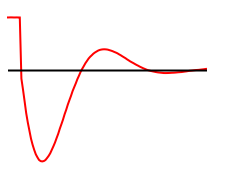
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.396 mm/s	4.745 mm/s	2.010 mm/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	1.479 sec	1.459 sec	1.458 sec
Peak Acceleration	0.336 g	0.693 g	0.248 g
Peak Displacement	0.006 mm	0.006 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	4.963 mm/s at 1.459 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

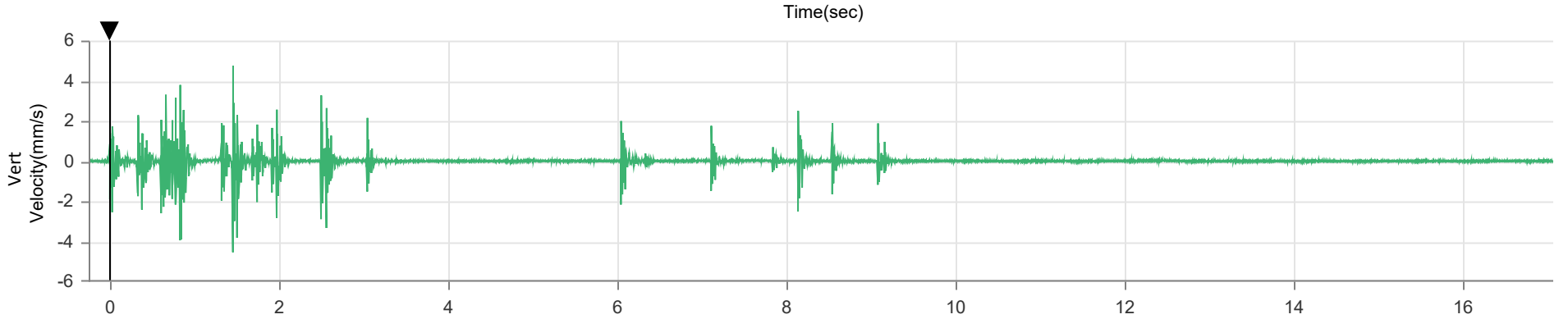


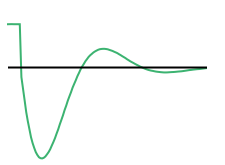
Sensor Check



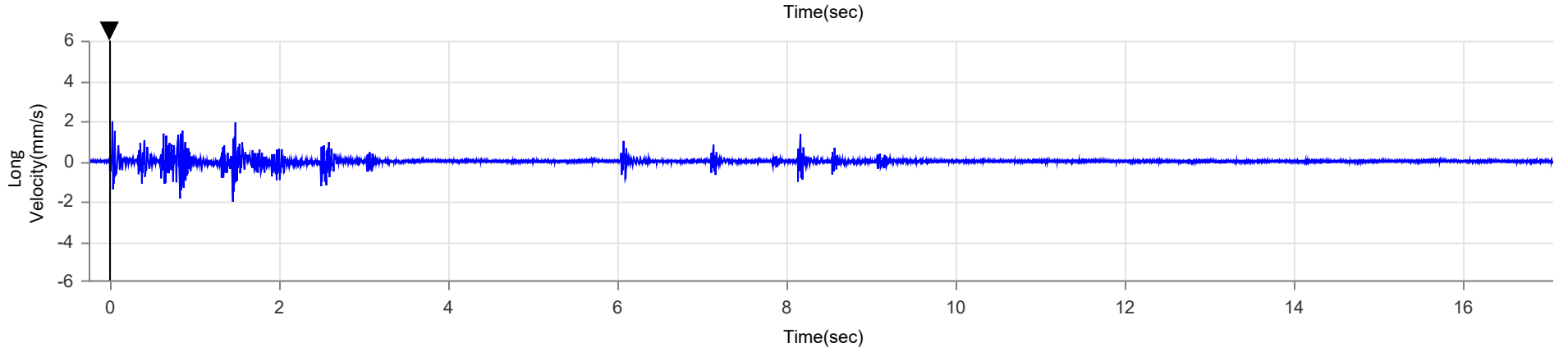


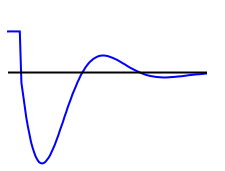
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 12:00:05	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221104120005.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

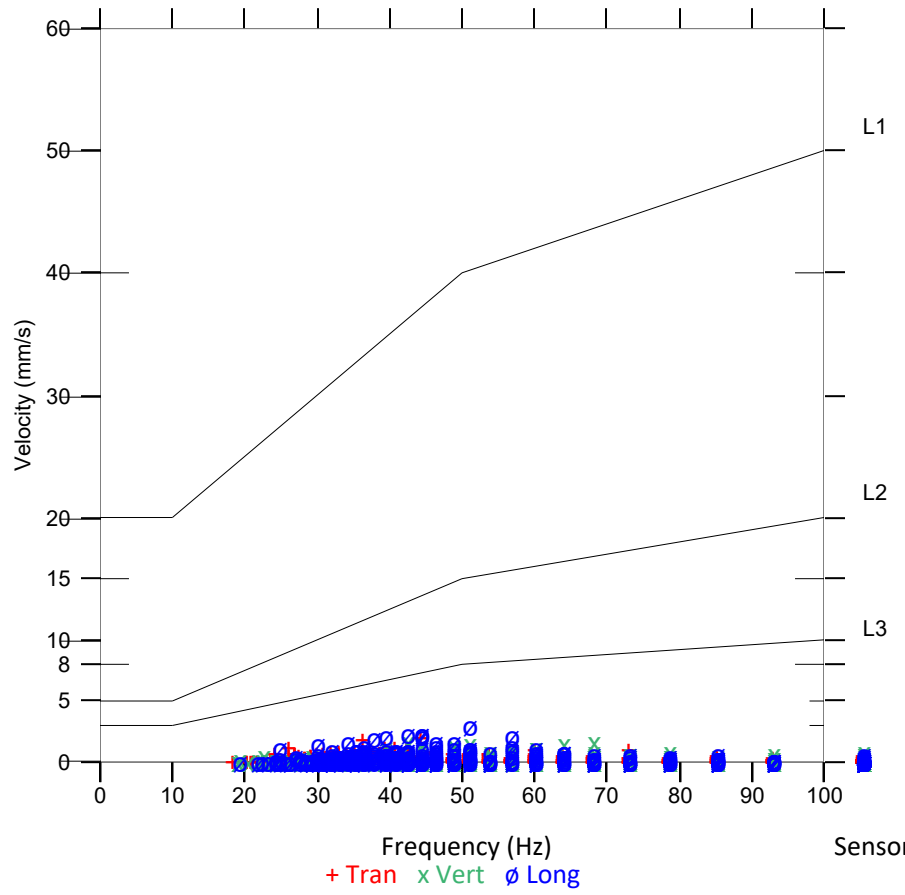
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

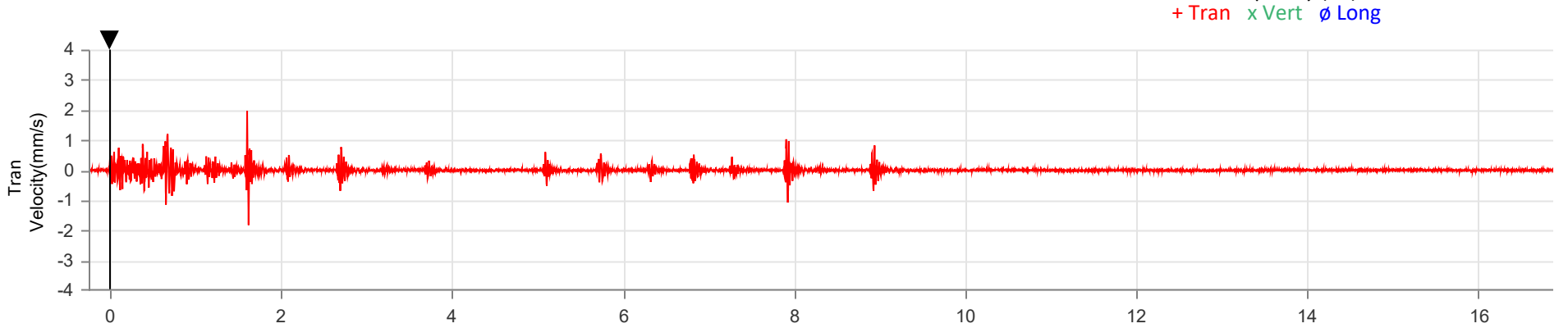
Post Event Notes No text to be displayed.

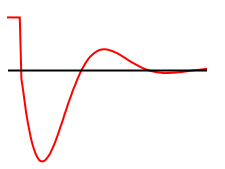
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.970 mm/s	1.695 mm/s	2.924 mm/s
Zero Crossing Frequency	46.5 Hz	42.7 Hz	51.2 Hz
Time (Relative to Trigger)	1.604 sec	1.583 sec	0.661 sec
Peak Acceleration	0.069 g	0.123 g	0.099 g
Peak Displacement	0.007 mm	0.005 mm	0.009 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	3.049 mm/s at 0.661 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

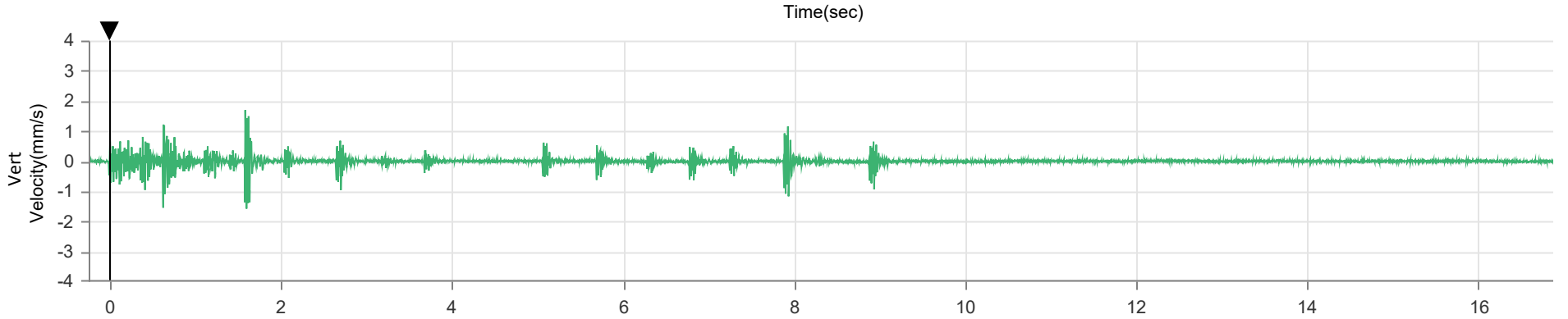


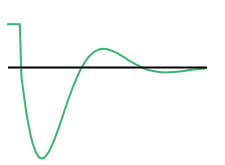
Sensor Check





✓ Passed





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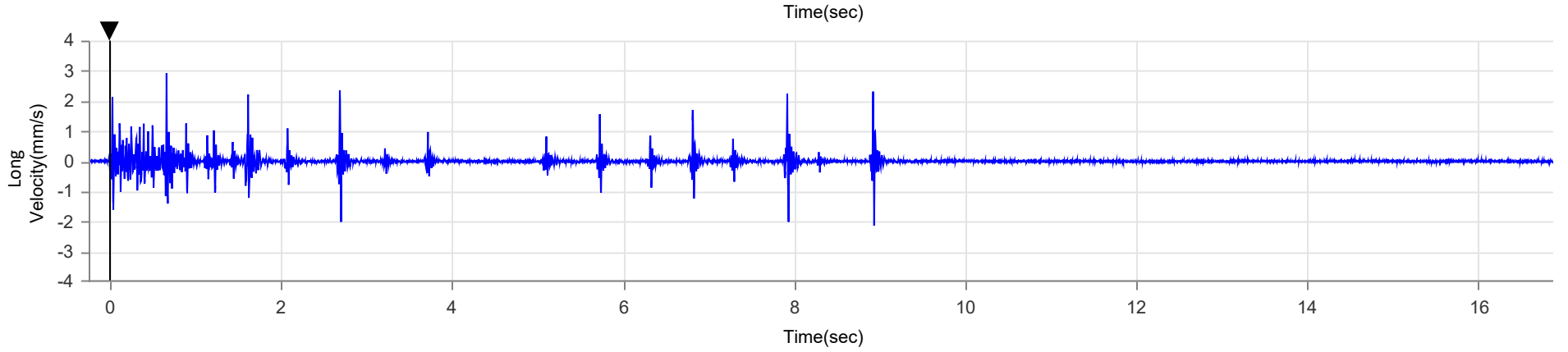

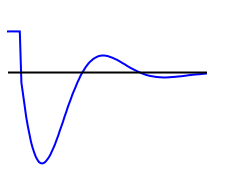

✓ Passed

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Waveform Trigger Source	Tran at November 5, 2022 09:55:12	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221105095512.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

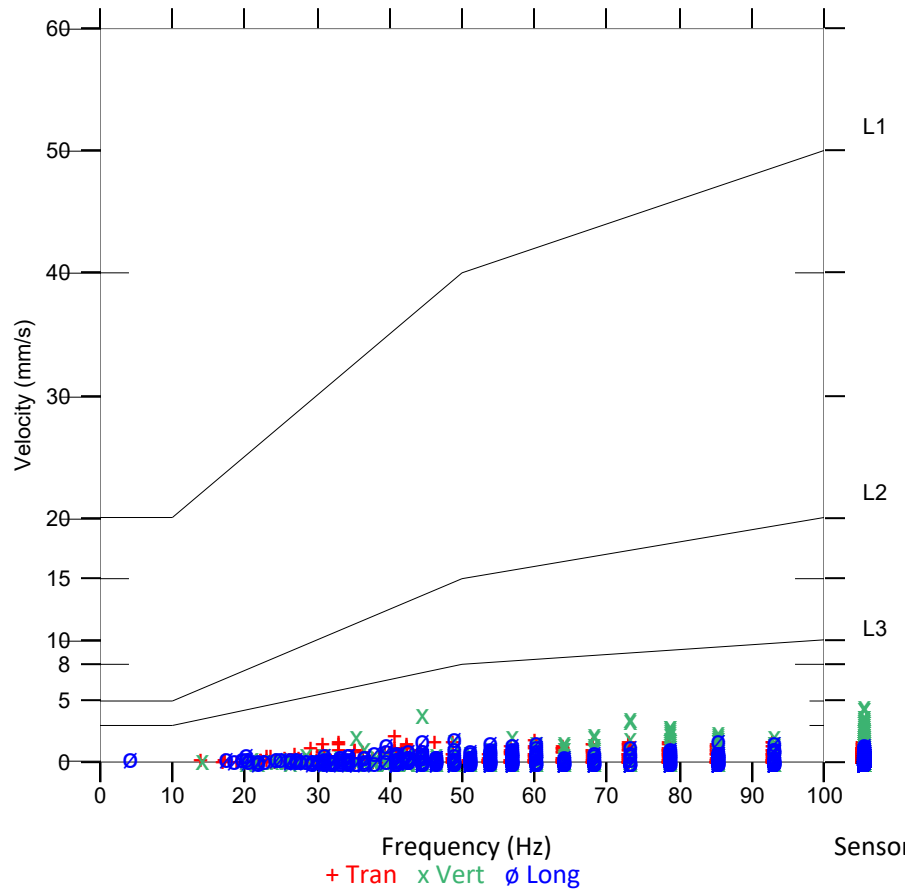
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

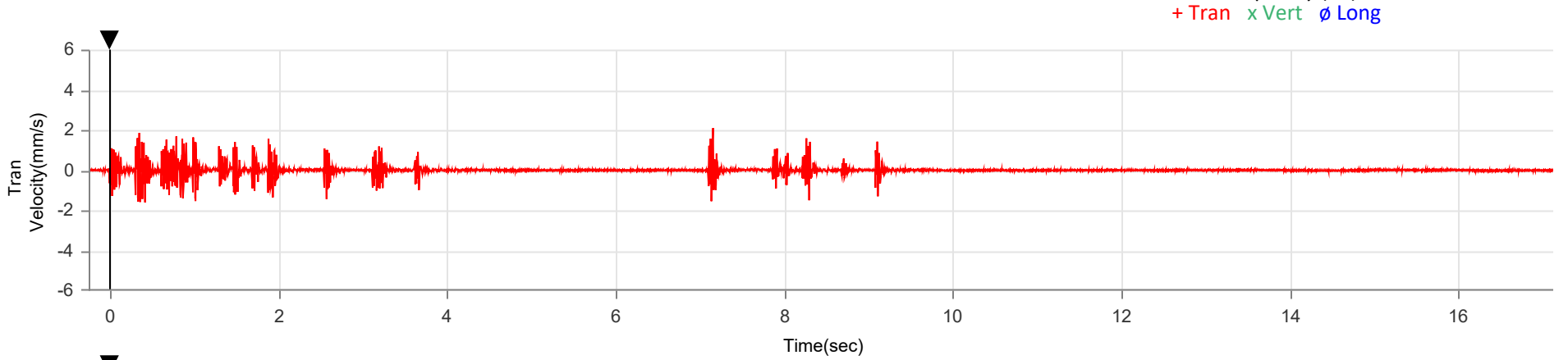
Post Event Notes No text to be displayed.

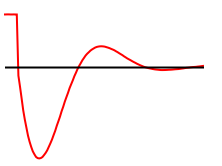
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.097 mm/s	4.548 mm/s	2.041 mm/s
Zero Crossing Frequency	41.0 Hz	>100 Hz	48.8 Hz
Time (Relative to Trigger)	7.157 sec	1.884 sec	0.338 sec
Peak Acceleration	0.265 g	0.610 g	0.201 g
Peak Displacement	0.007 mm	0.005 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	4.677 mm/s at 1.884 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

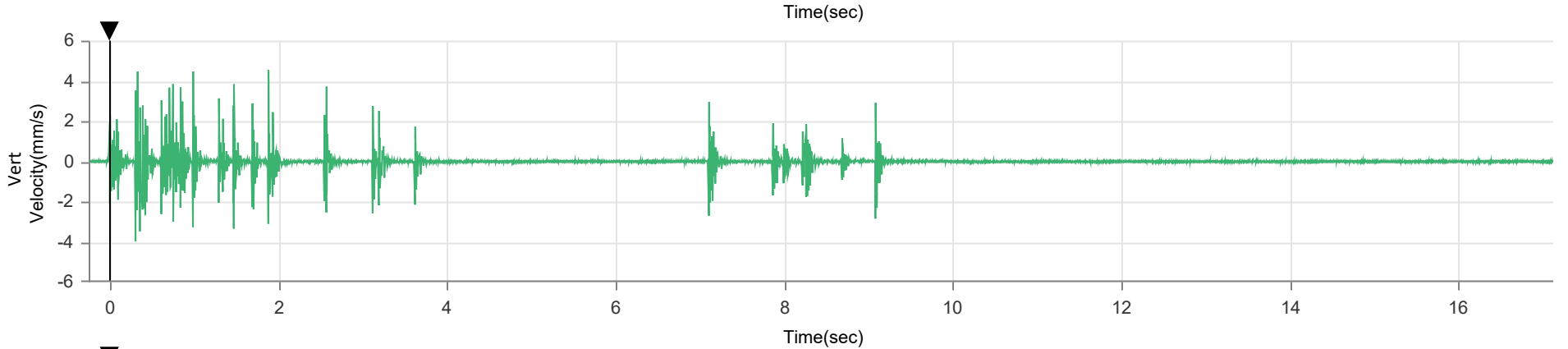


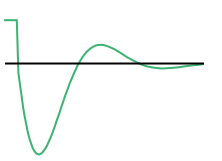
Sensor Check



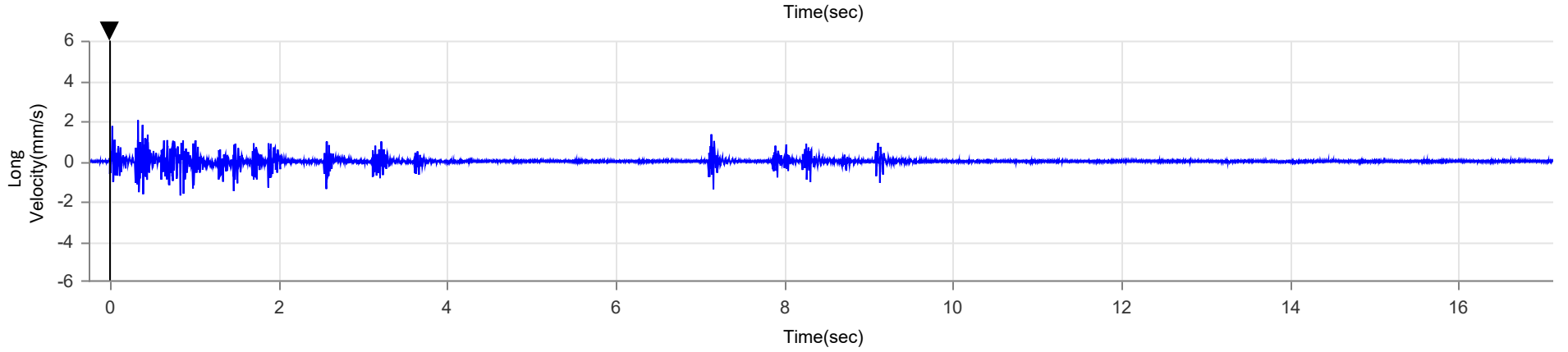


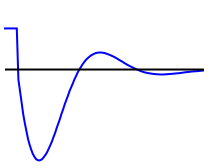
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:44	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221105121644.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

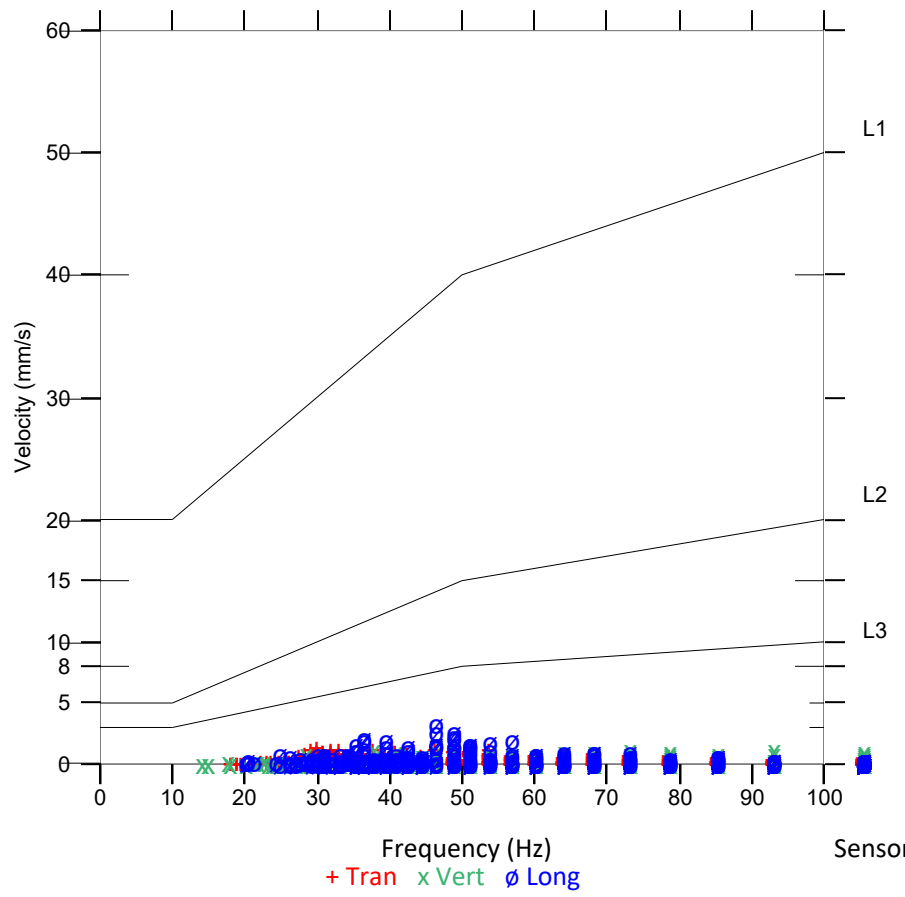
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

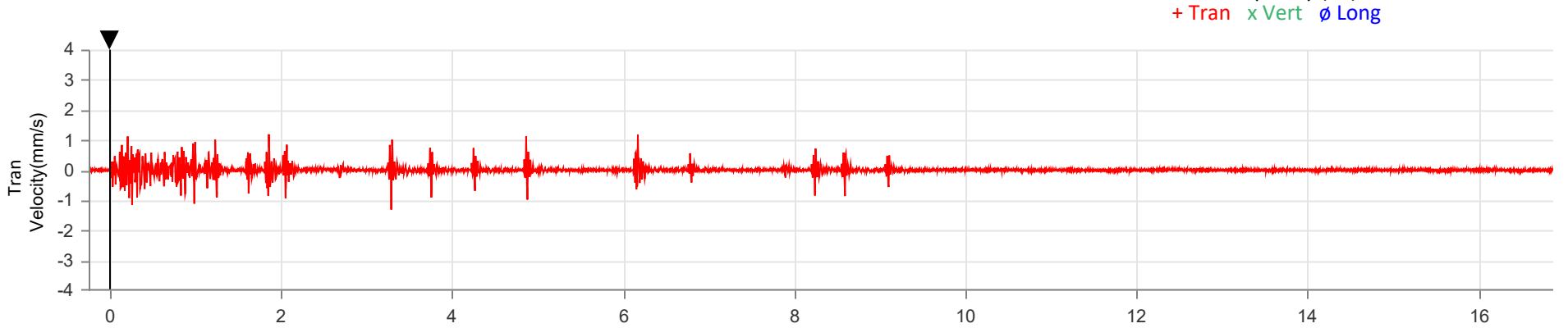
Post Event Notes No text to be displayed.

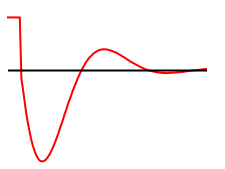
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.308 mm/s	1.222 mm/s	3.224 mm/s
Zero Crossing Frequency	30.1 Hz	93.1 Hz	46.5 Hz
Time (Relative to Trigger)	3.290 sec	1.210 sec	1.844 sec
Peak Acceleration	0.056 g	0.089 g	0.090 g
Peak Displacement	0.005 mm	0.003 mm	0.010 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	3.289 mm/s at 1.844 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

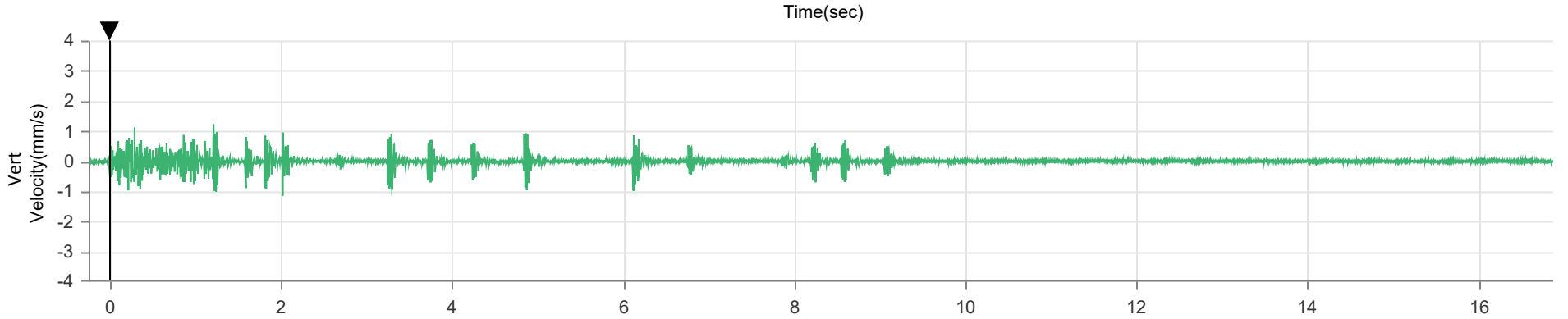


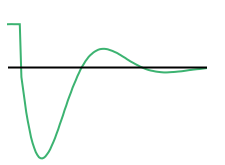
Sensor Check





✓ Passed





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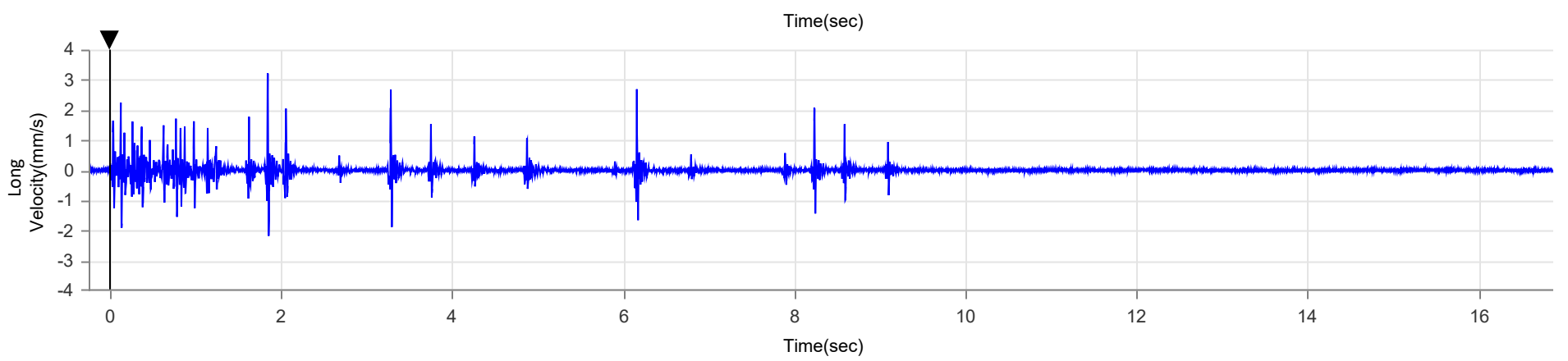
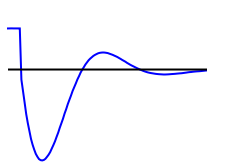




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 11:33:35	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221106113335.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

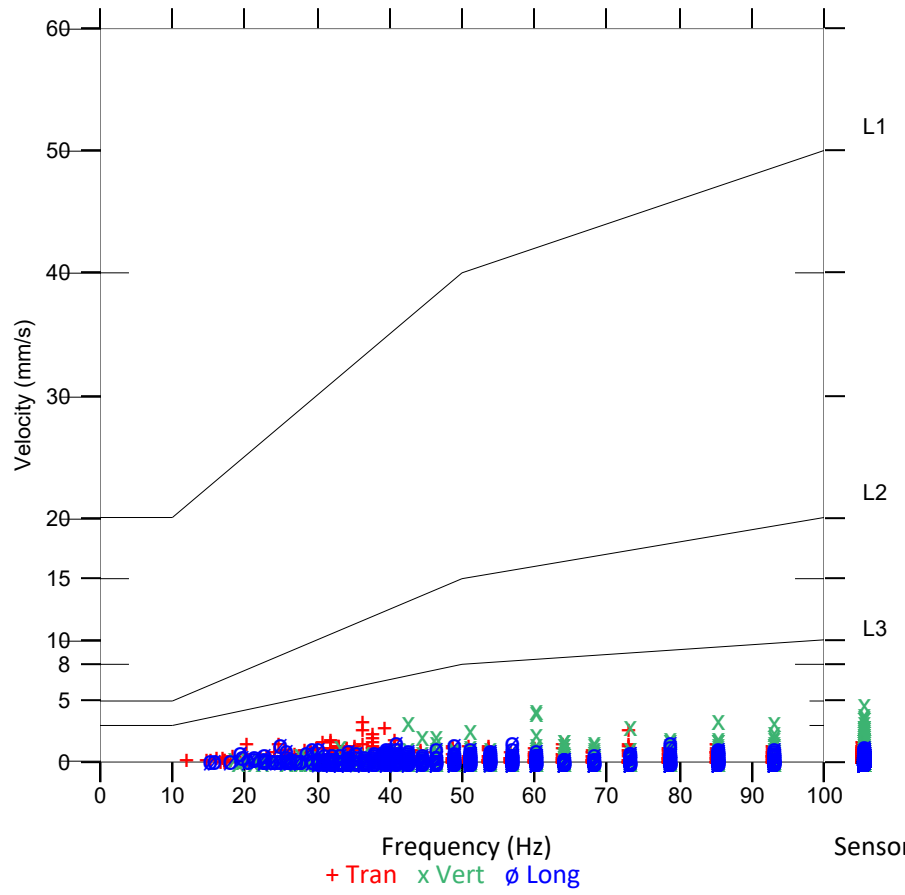
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

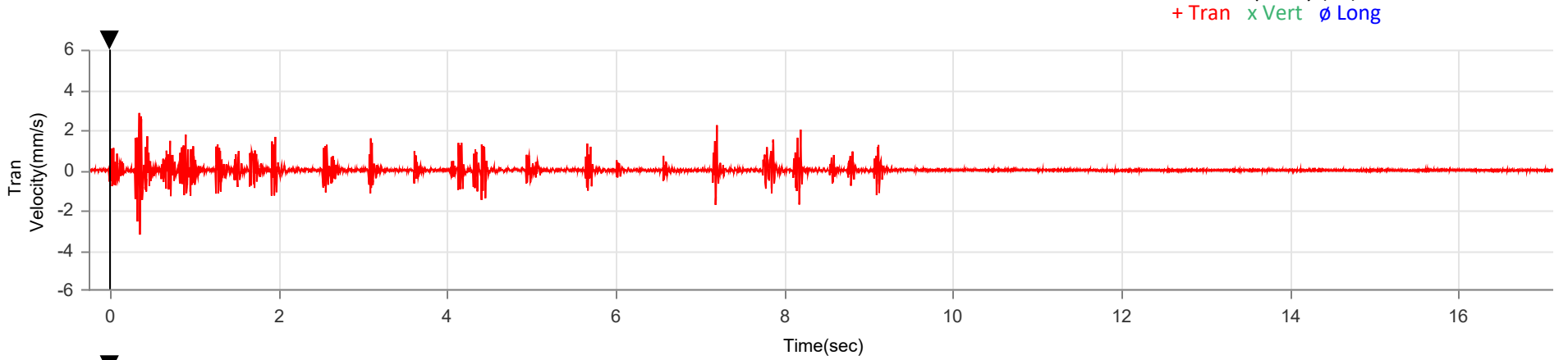
Post Event Notes No text to be displayed.

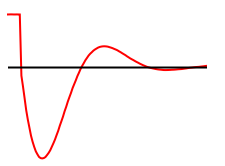
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	3.208 mm/s	4.705 mm/s	1.687 mm/s
Zero Crossing Frequency	36.6 Hz	>100 Hz	56.9 Hz
Time (Relative to Trigger)	0.358 sec	0.329 sec	0.344 sec
Peak Acceleration	0.319 g	0.582 g	0.206 g
Peak Displacement	0.012 mm	0.008 mm	0.007 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	4.976 mm/s at 0.329 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

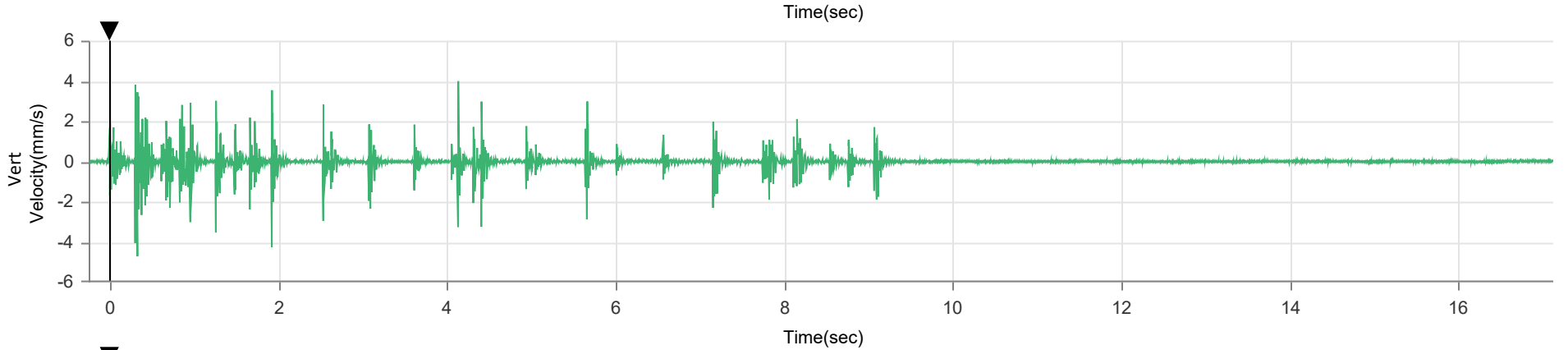


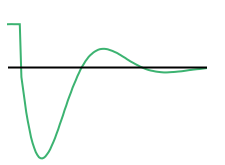
Sensor Check



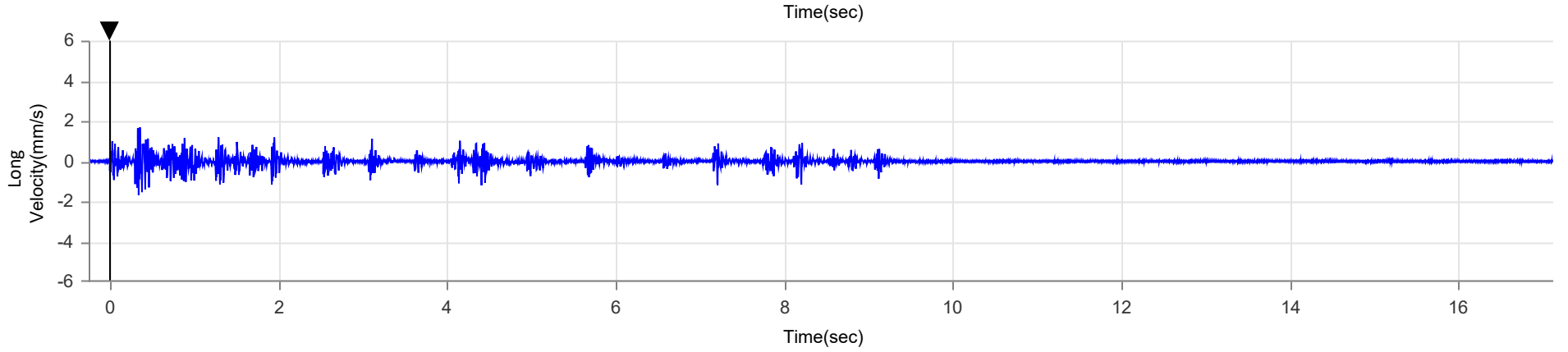


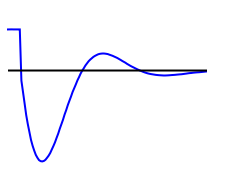
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 6, 2022 14:16:32	**Serial Number**	UM20418
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20418_20221106141632.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

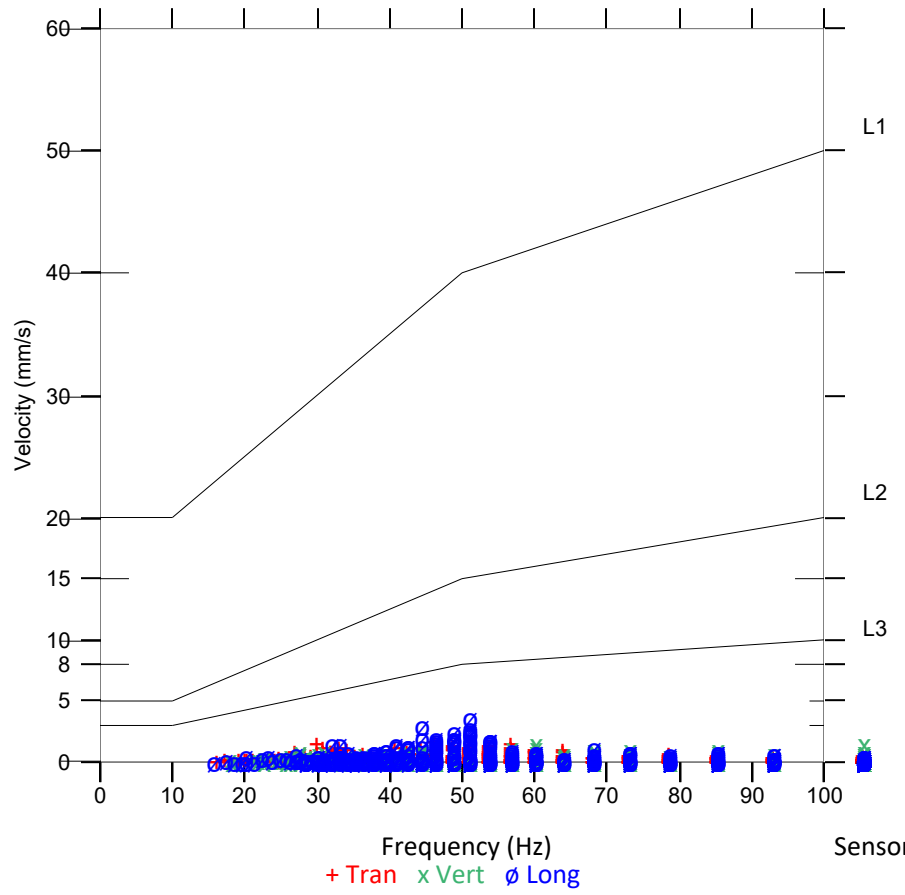
Notes

Location	MM-10, Plavje 39
Client	
Company	
General Notes	

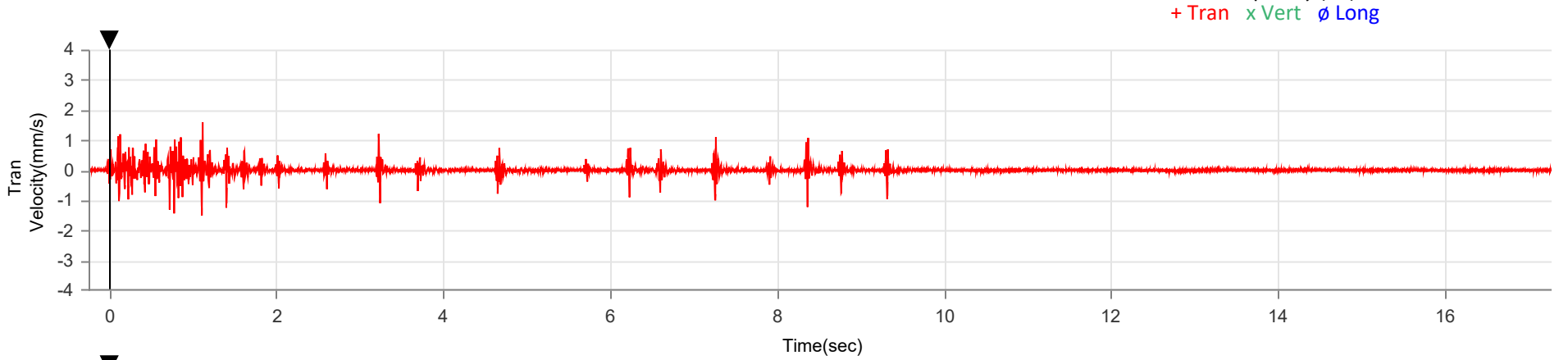
Post Event Notes No text to be displayed.

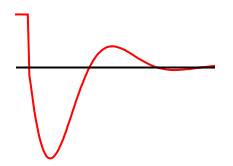
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.592 mm/s	1.442 mm/s	3.634 mm/s
Zero Crossing Frequency	46.5 Hz	60.2 Hz	51.2 Hz
Time (Relative to Trigger)	1.118 sec	1.104 sec	1.104 sec
Peak Acceleration	0.079 g	0.107 g	0.132 g
Peak Displacement	0.007 mm	0.004 mm	0.011 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.5 Hz
Overswing Ratio	4.2	4.8	5.3
Peak Vector Sum	3.968 mm/s at 1.104 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

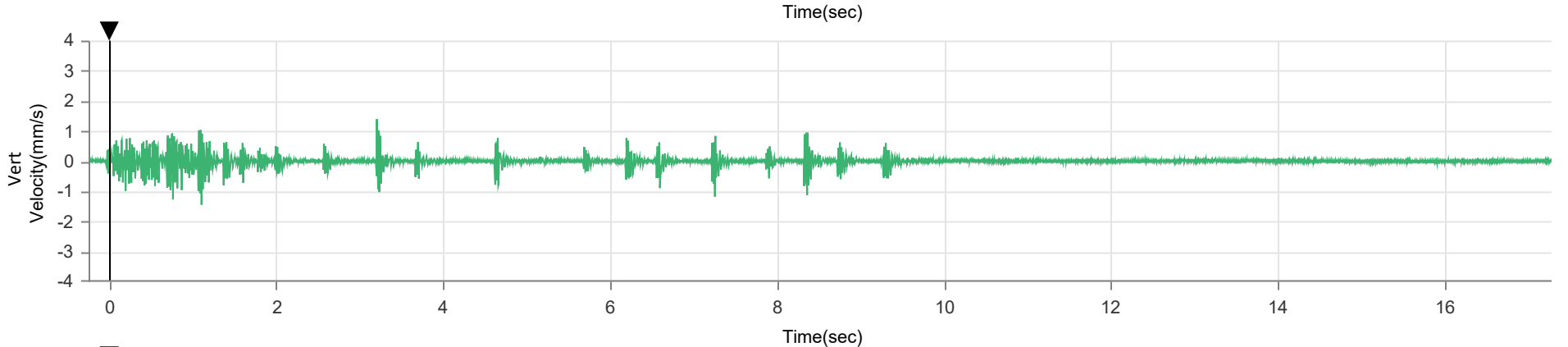


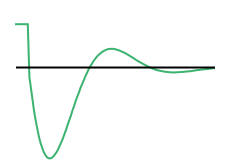
Sensor Check





✓ Passed





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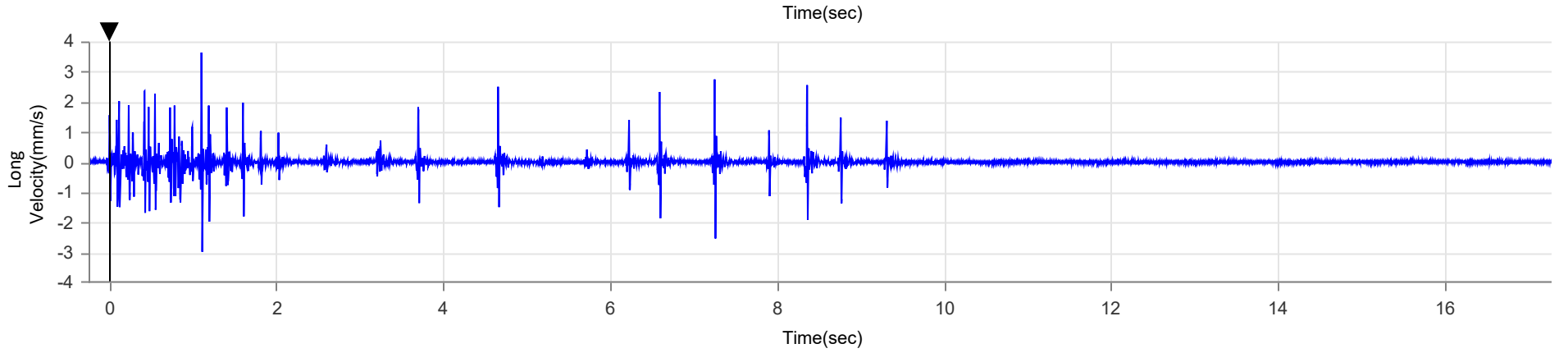

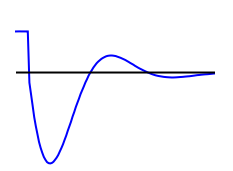

✓ Passed

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PRILOGA 1.4:
Rezultati meritev

- MM-15 (Plavje 46) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:31	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221101125731.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

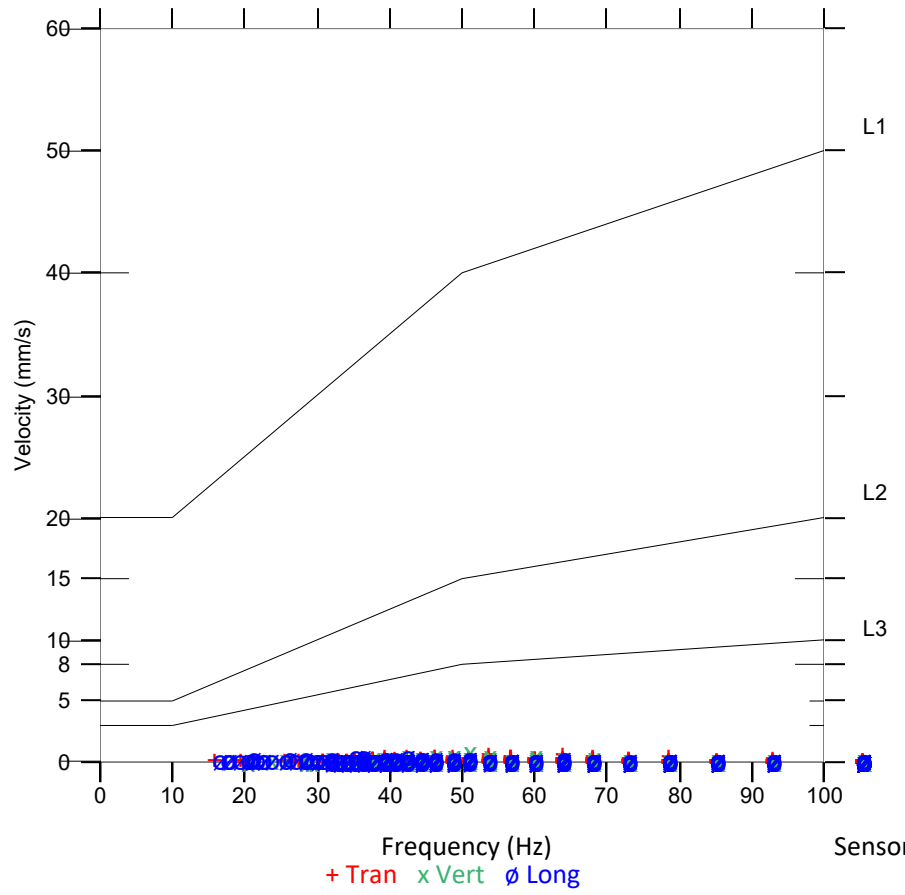
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

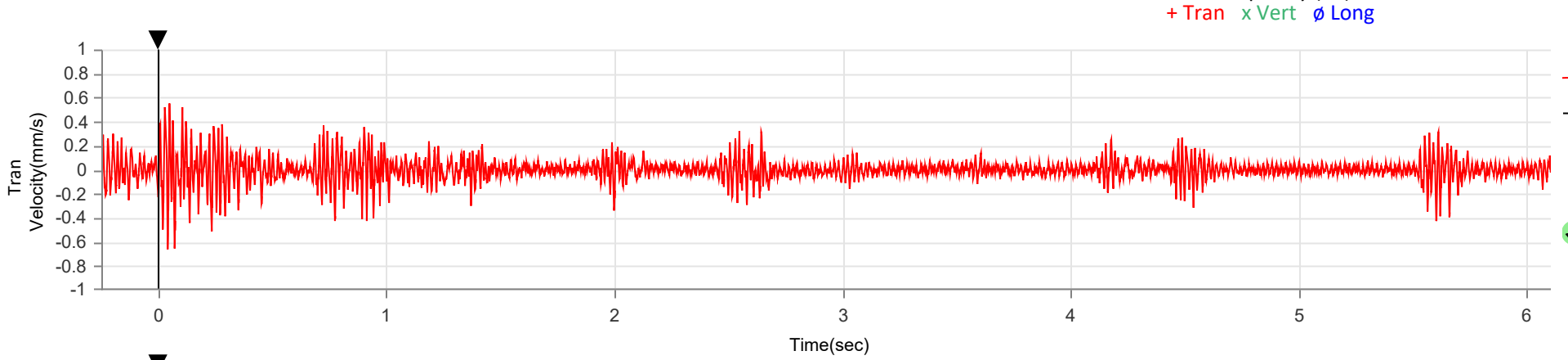
Post Event Notes No text to be displayed.

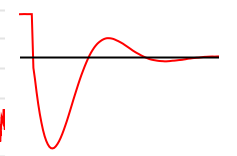
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.662 mm/s	0.772 mm/s	0.504 mm/s
Zero Crossing Frequency	64.0 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	0.042 sec	0.011 sec	0.042 sec
Peak Acceleration	0.030 g	0.028 g	0.020 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	0.831 mm/s at 0.011 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

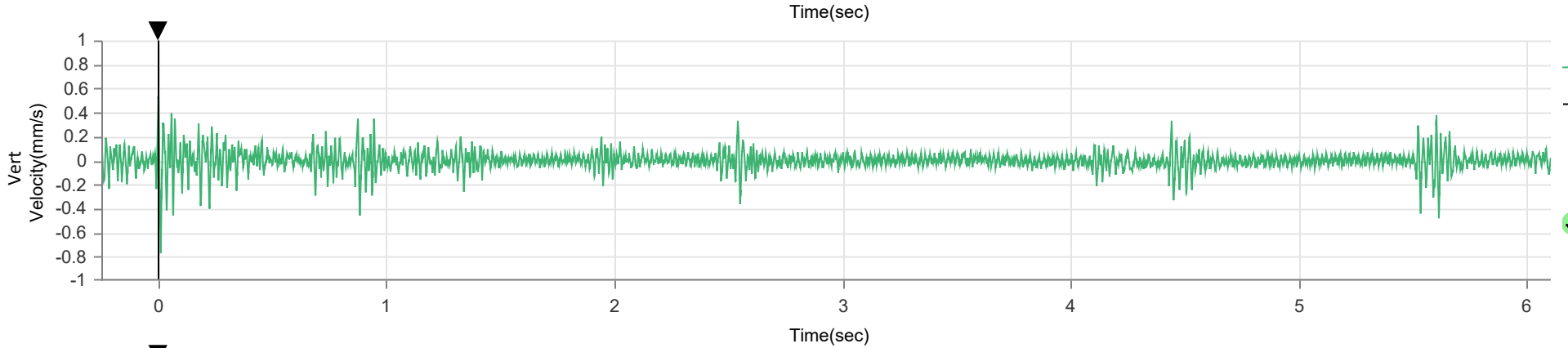


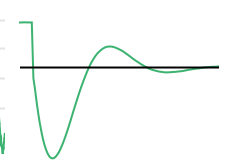
Sensor Check





✓ Passed





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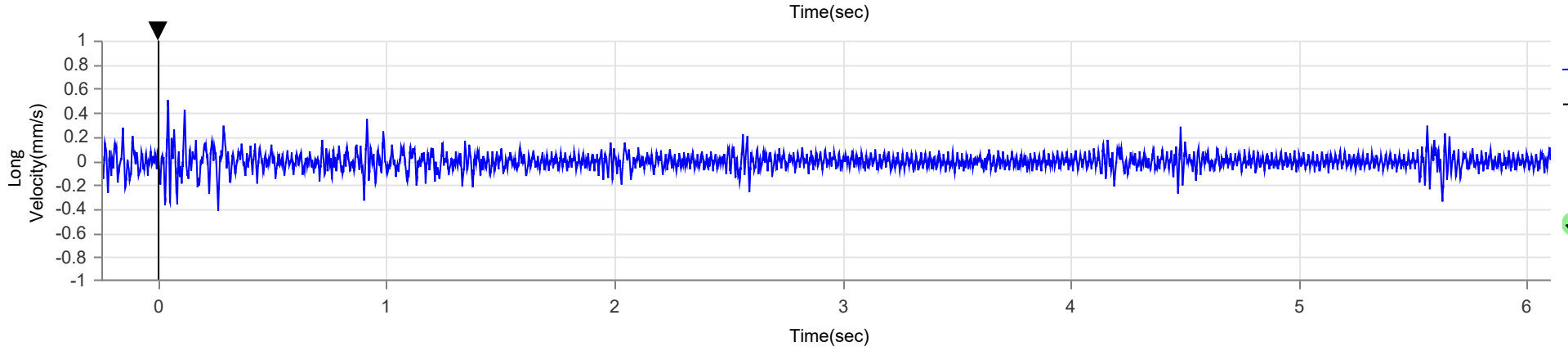

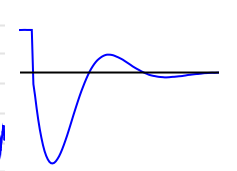

✓ Passed

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Waveform Trigger Source	Tran at November 1, 2022 13:00:10	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

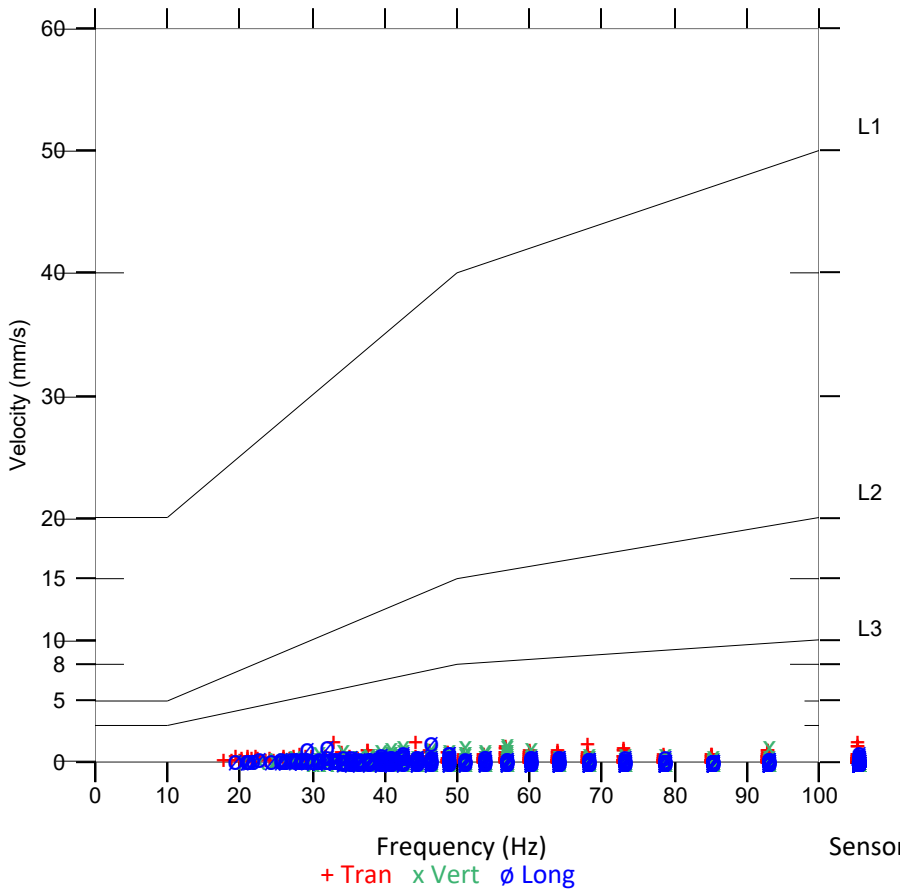
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

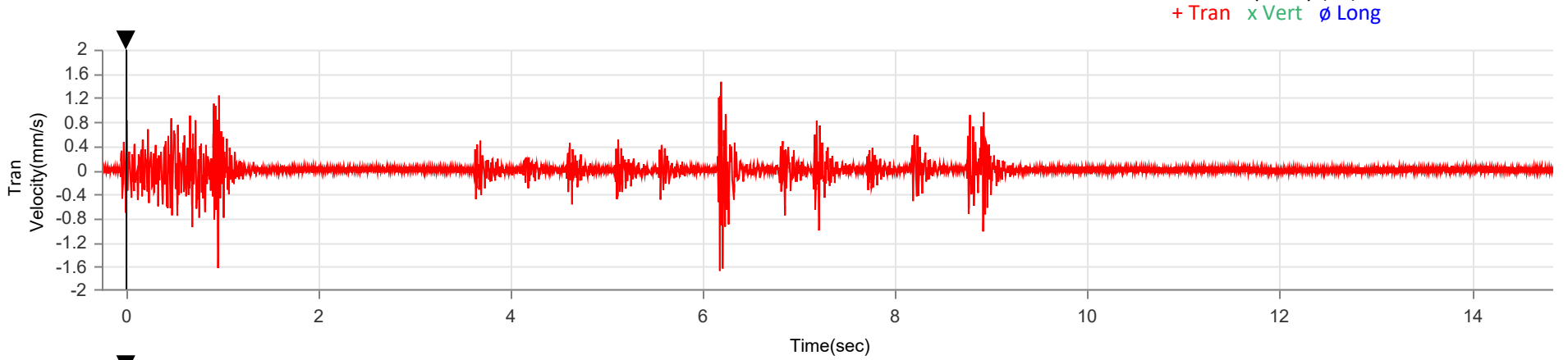
Post Event Notes No text to be displayed.

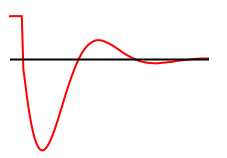
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.671 mm/s	1.450 mm/s	1.568 mm/s
Zero Crossing Frequency	>100 Hz	56.9 Hz	46.5 Hz
Time (Relative to Trigger)	6.178 sec	6.174 sec	6.206 sec
Peak Acceleration	0.127 g	0.094 g	0.056 g
Peak Displacement	0.006 mm	0.004 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	2.283 mm/s at 6.207 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

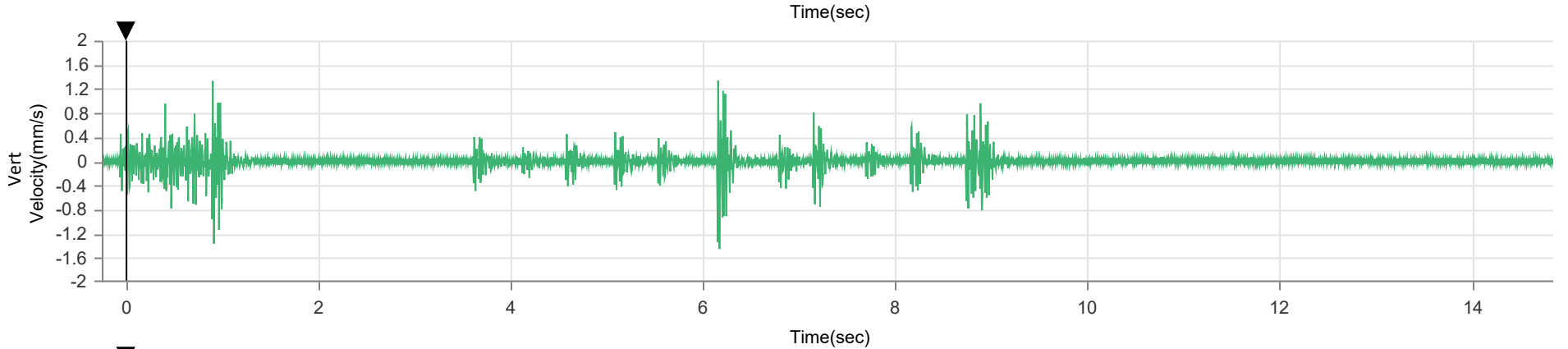


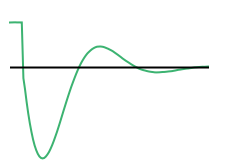
Sensor Check





✓ Passed





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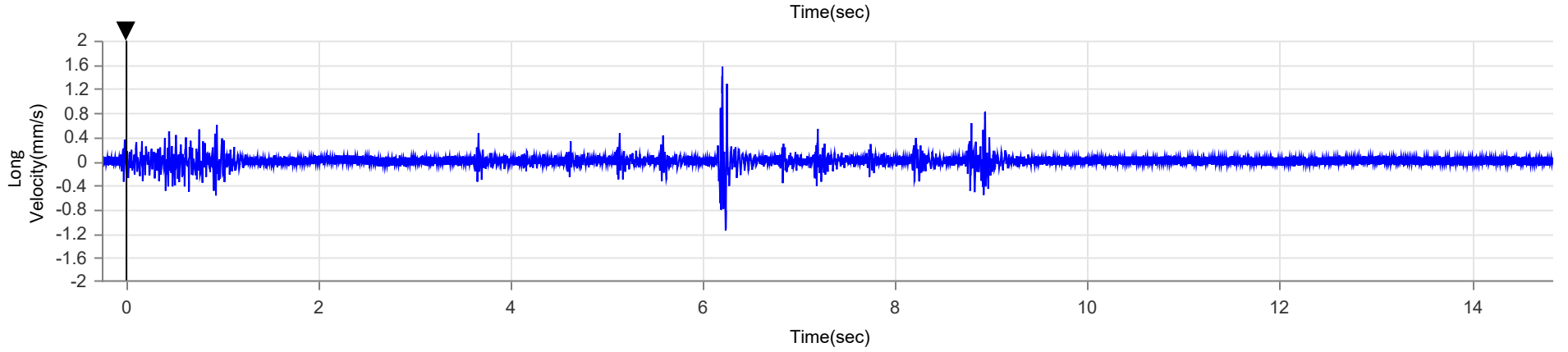

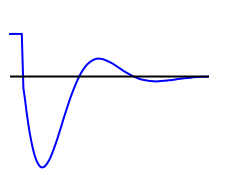

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:14	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221101151914.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

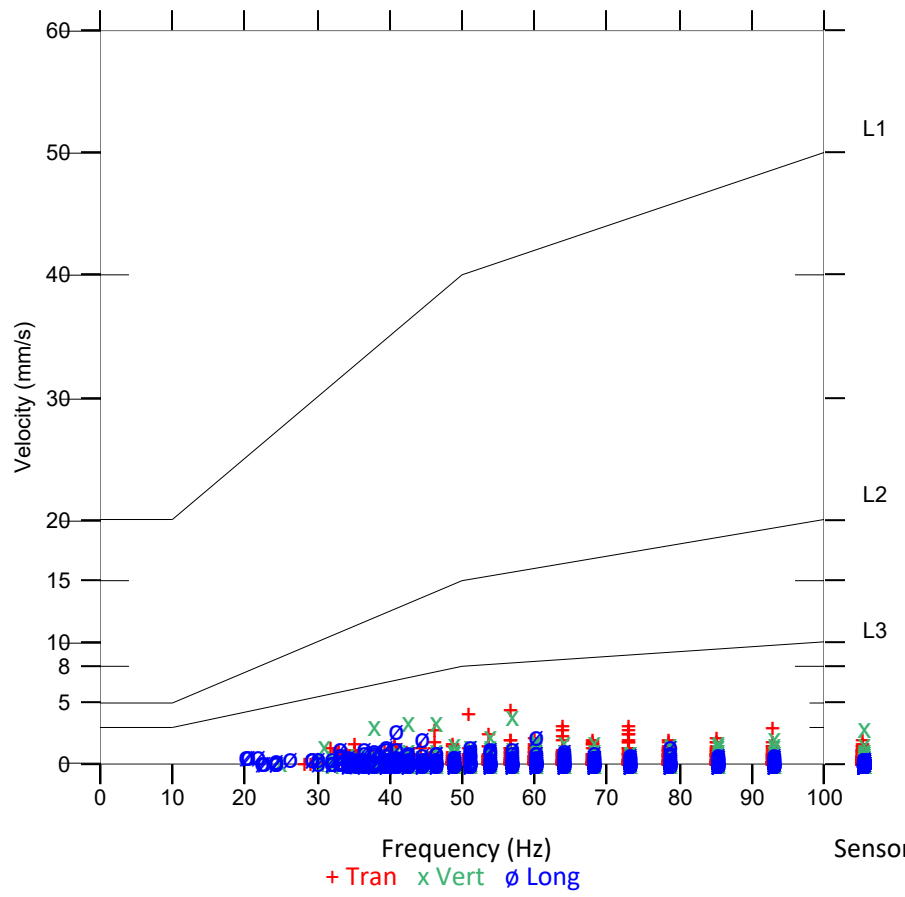
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

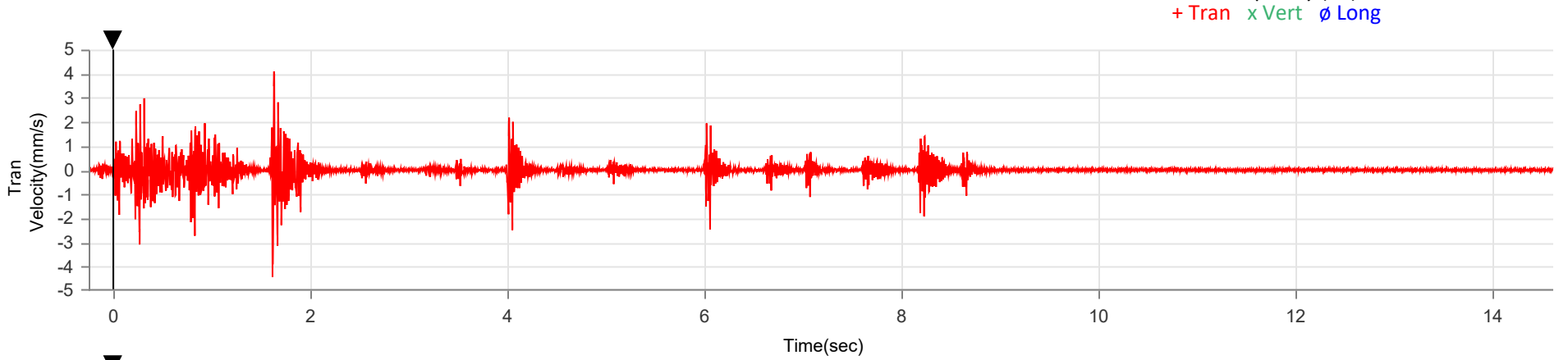
Post Event Notes No text to be displayed.

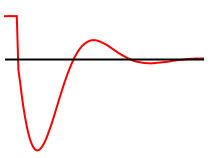
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	4.437 mm/s	3.988 mm/s	2.814 mm/s
Zero Crossing Frequency	56.9 Hz	56.9 Hz	41.0 Hz
Time (Relative to Trigger)	1.619 sec	1.613 sec	1.624 sec
Peak Acceleration	0.273 g	0.248 g	0.118 g
Peak Displacement	0.012 mm	0.012 mm	0.011 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	5.321 mm/s at 1.619 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

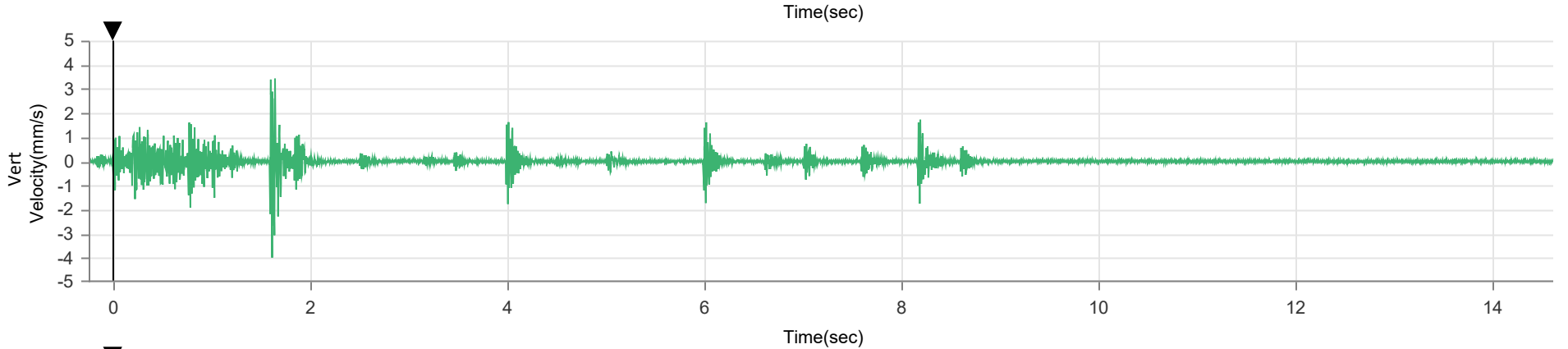


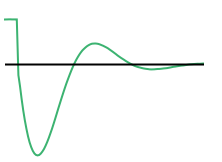
Sensor Check





✓ Passed





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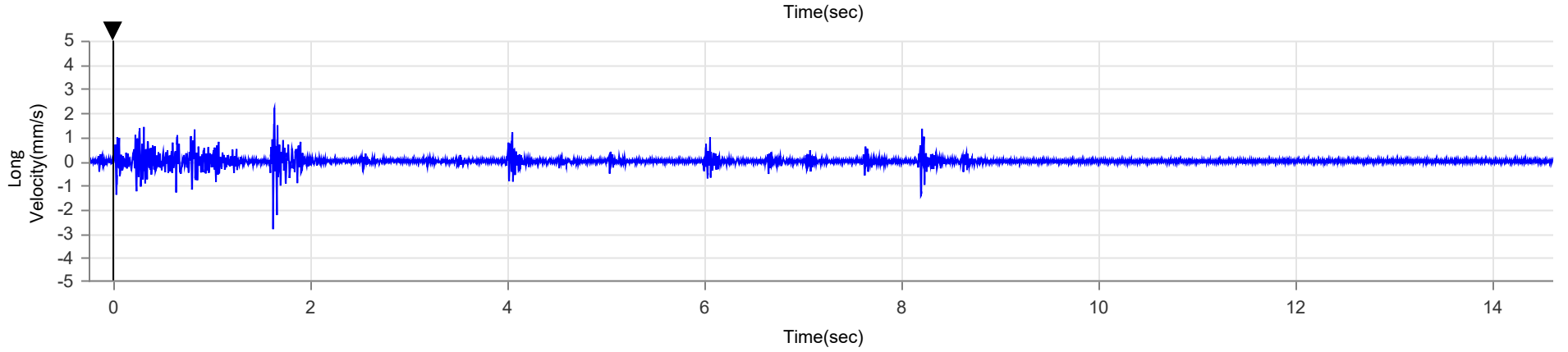

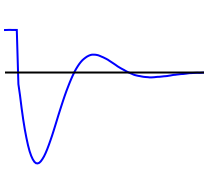

✓ Passed

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Waveform Trigger Source	Tran at November 2, 2022 10:17:43	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102101743.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

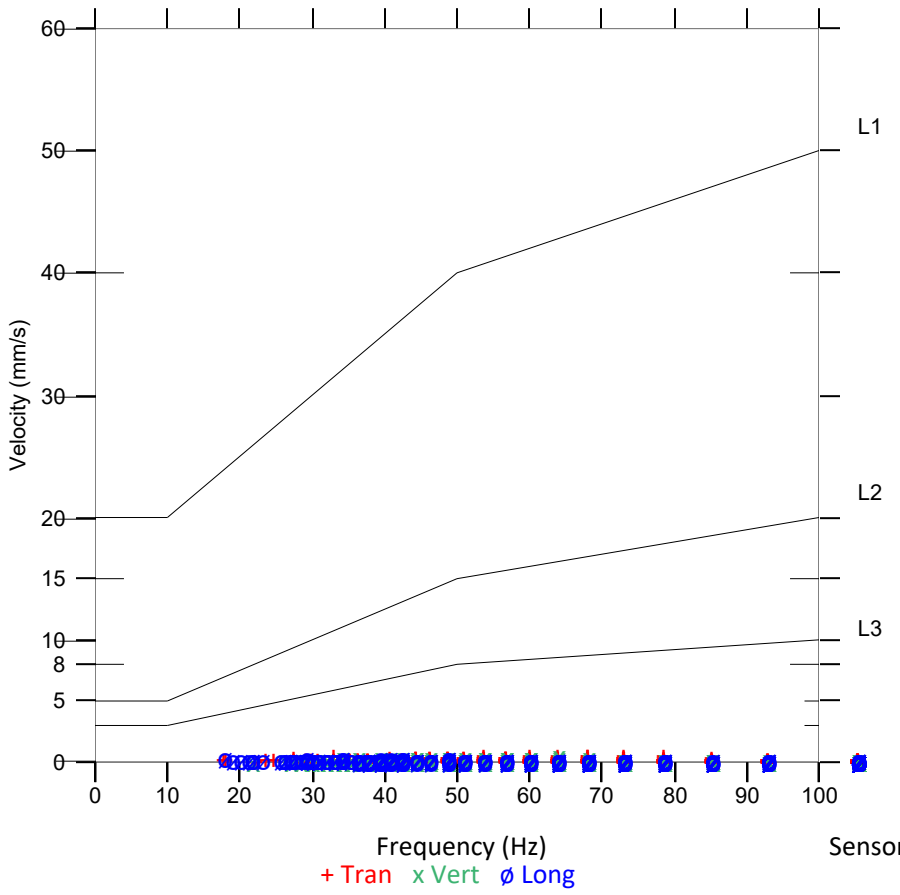
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

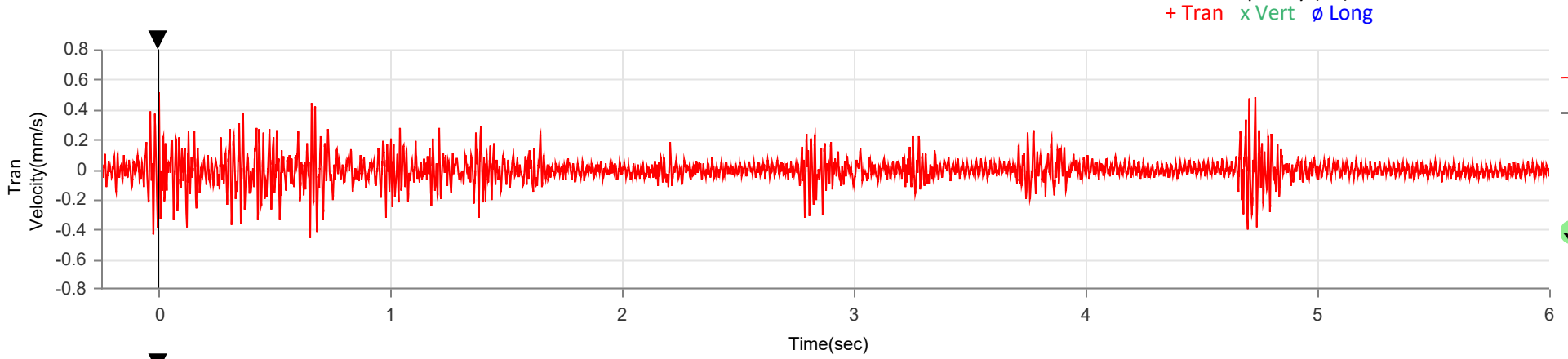
Post Event Notes No text to be displayed.

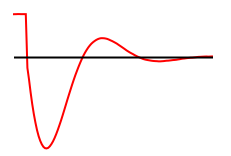
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.512 mm/s	0.418 mm/s	0.331 mm/s
Zero Crossing Frequency	78.8 Hz	64.0 Hz	29.3 Hz
Time (Relative to Trigger)	0.000 sec	-0.056 sec	0.035 sec
Peak Acceleration	0.028 g	0.023 g	0.018 g
Peak Displacement	0.001 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	0.578 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

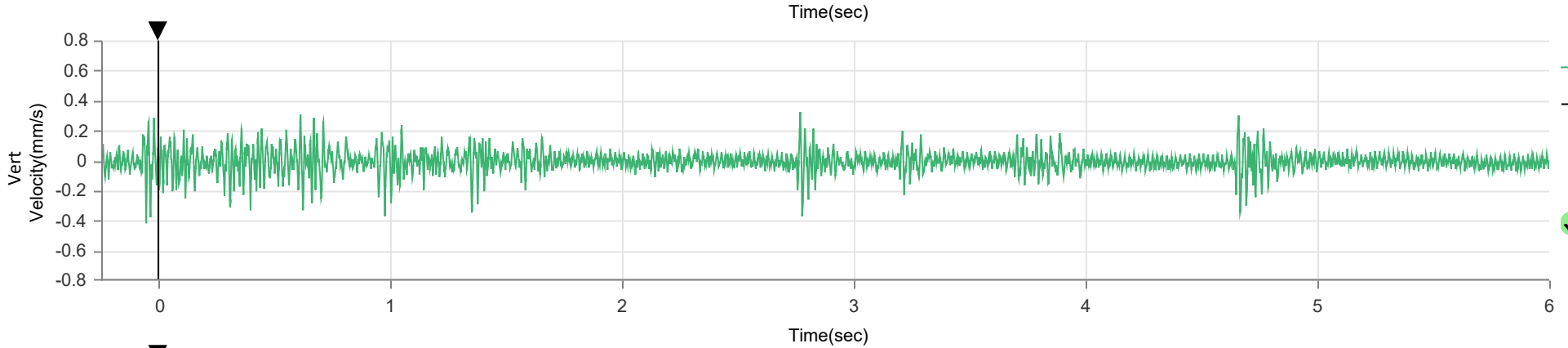


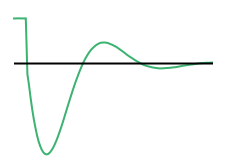
Sensor Check





✓ Passed





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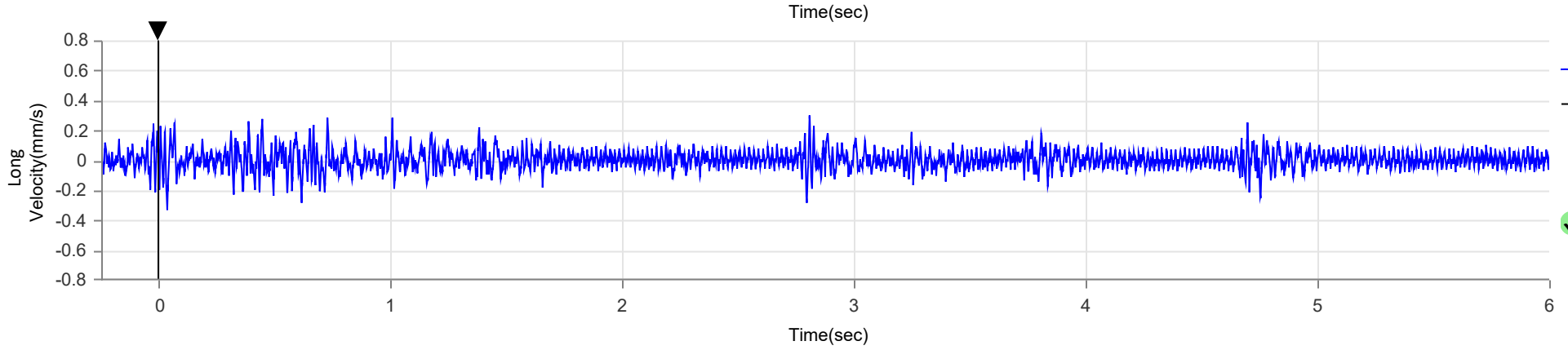

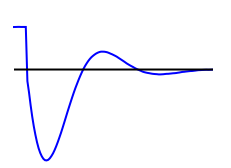

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 10:17:51	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102101751.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

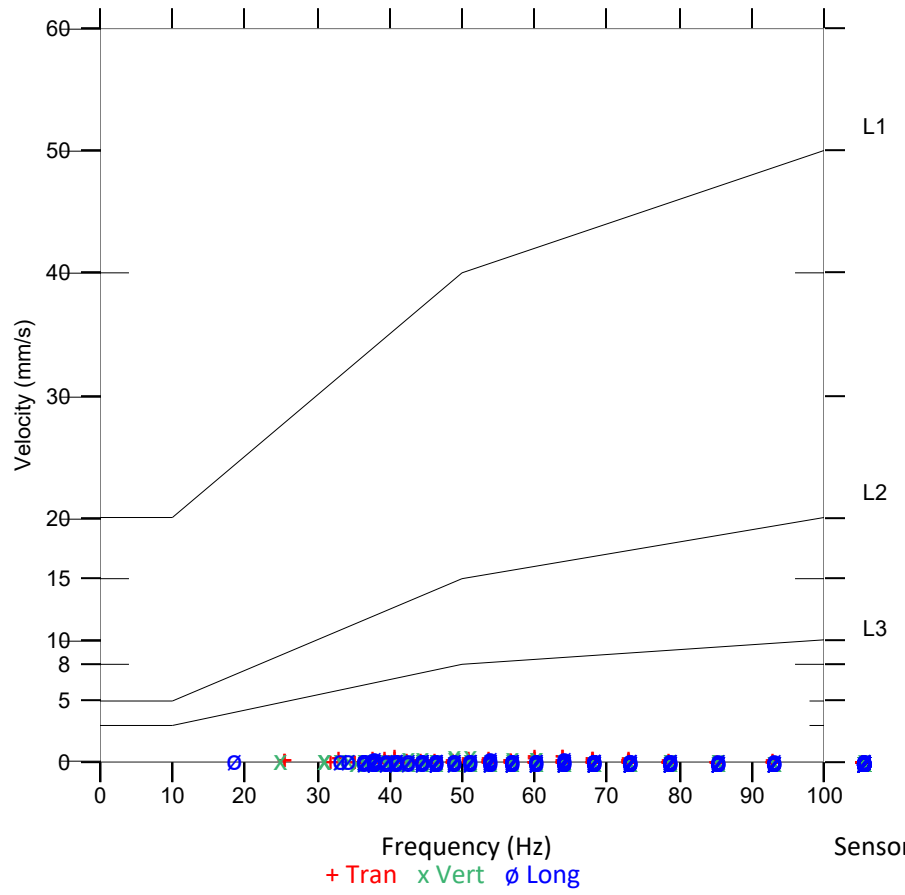
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

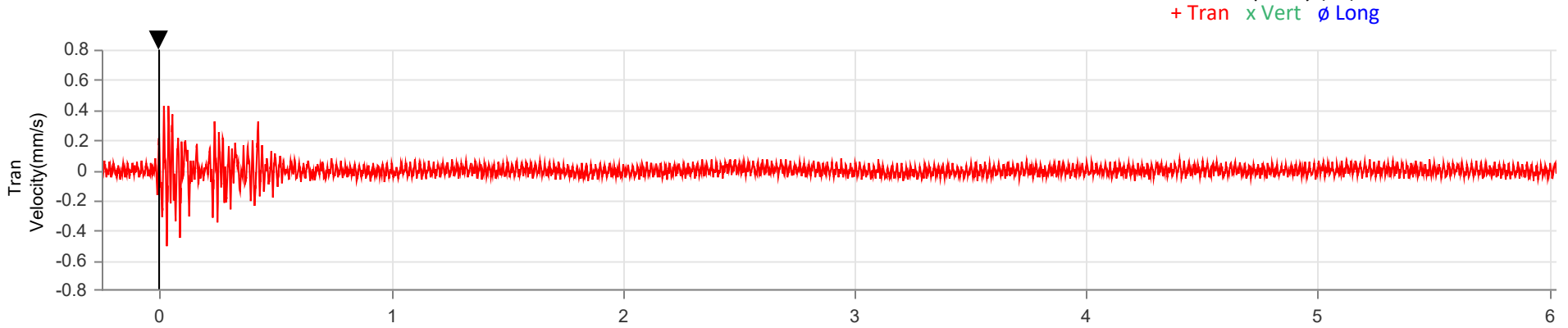
Post Event Notes No text to be displayed.

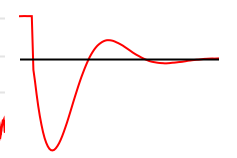
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.504 mm/s	0.520 mm/s	0.331 mm/s
Zero Crossing Frequency	68.3 Hz	53.9 Hz	42.7 Hz
Time (Relative to Trigger)	0.032 sec	0.000 sec	0.032 sec
Peak Acceleration	0.023 g	0.021 g	0.013 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	0.618 mm/s at 0.032 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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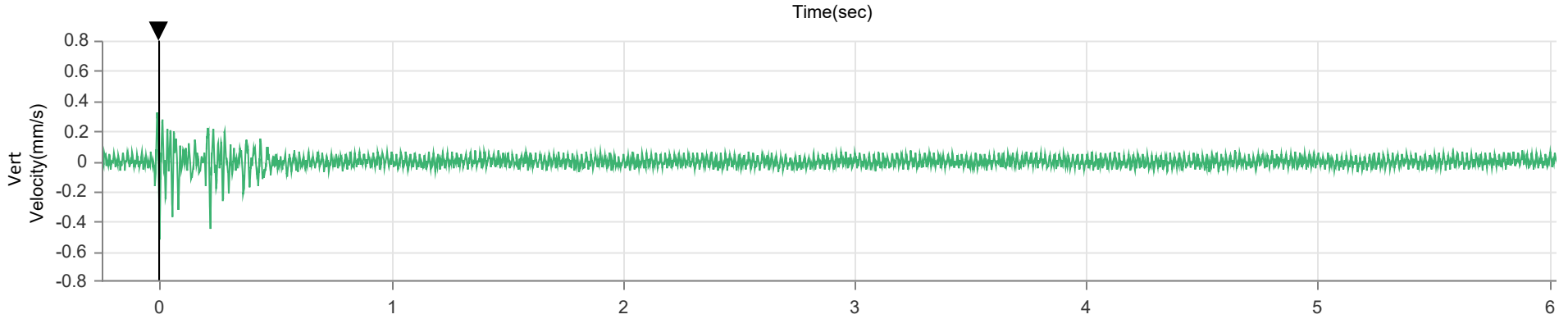

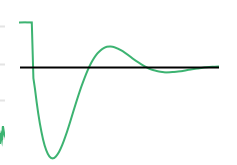

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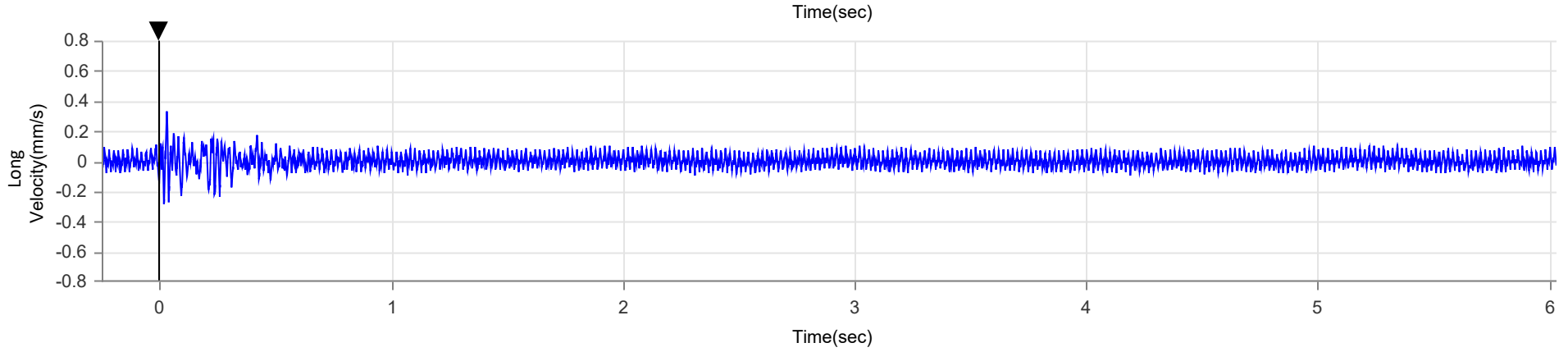
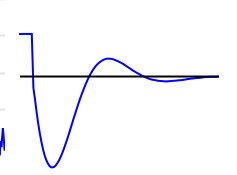




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 11:24:57	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102112457.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

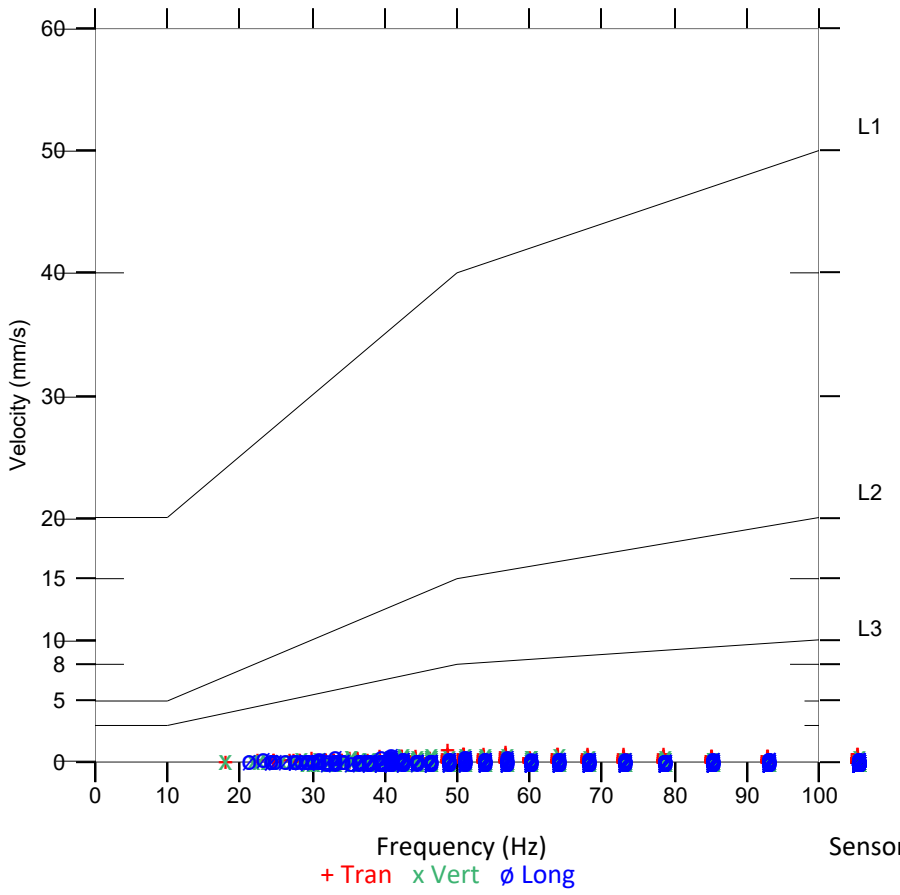
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

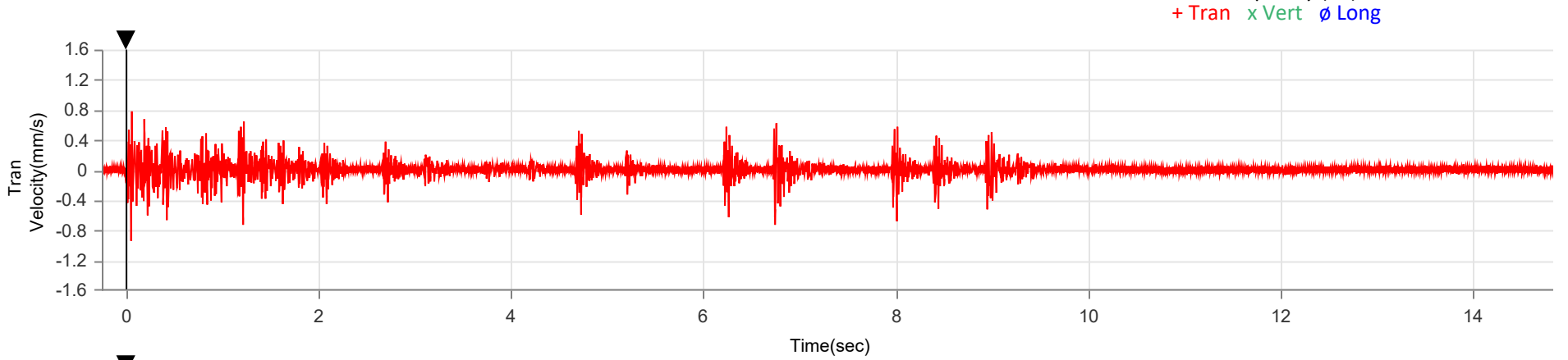
Post Event Notes No text to be displayed.

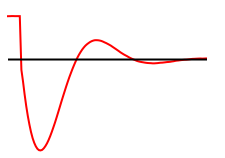
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.938 mm/s	0.646 mm/s	0.646 mm/s
Zero Crossing Frequency	48.8 Hz	64.0 Hz	41.0 Hz
Time (Relative to Trigger)	0.055 sec	6.783 sec	6.776 sec
Peak Acceleration	0.051 g	0.033 g	0.028 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	1.025 mm/s at 0.055 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

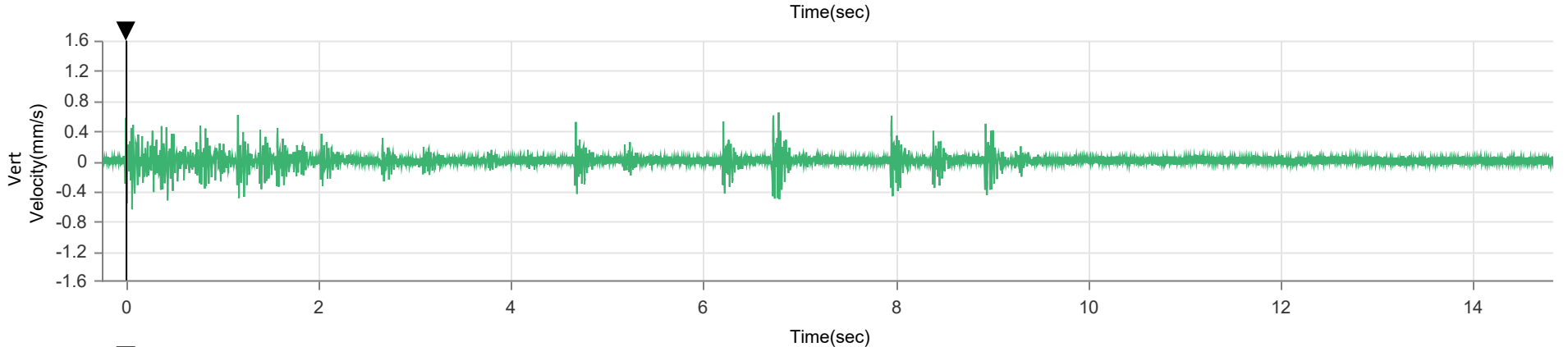


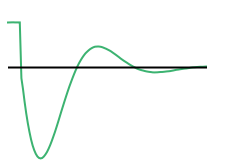
Sensor Check



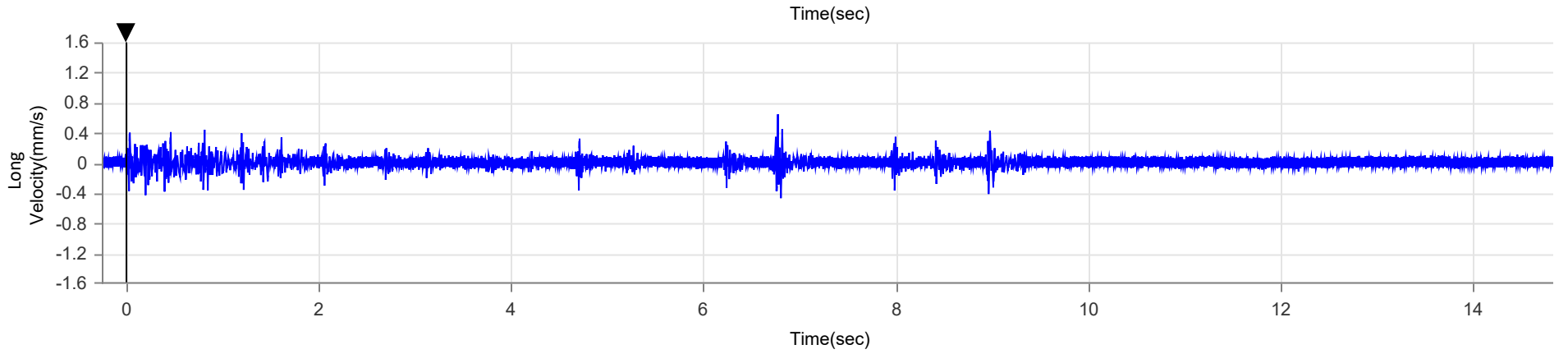


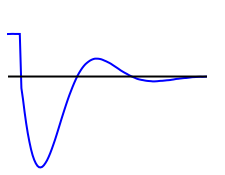
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

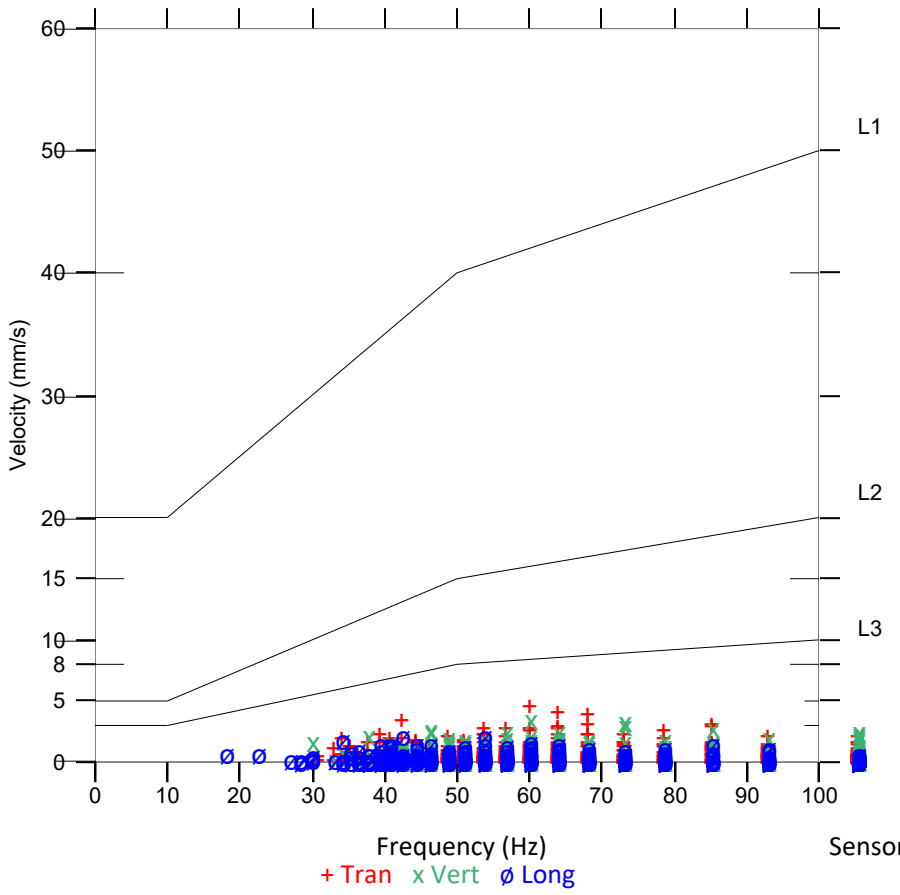
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

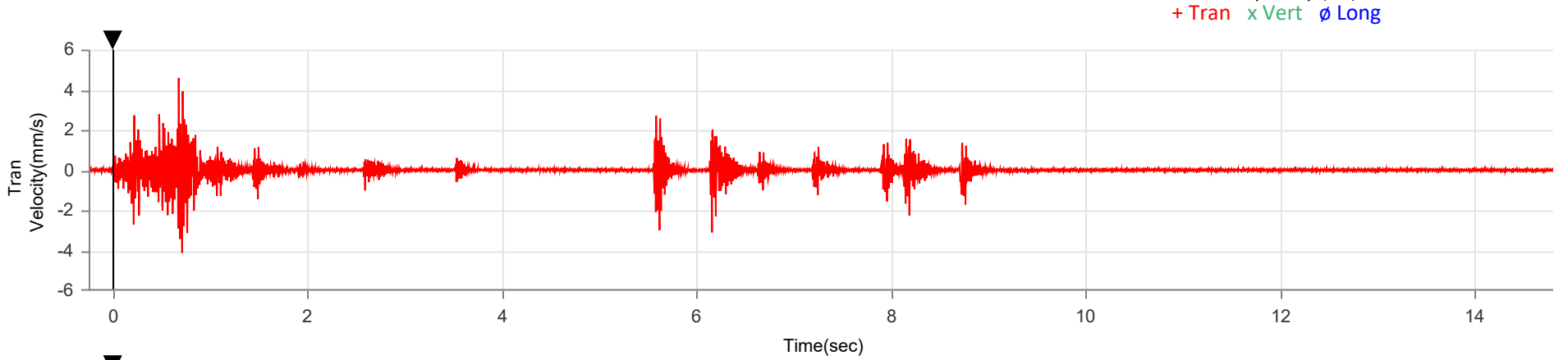
Post Event Notes No text to be displayed.

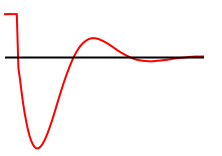
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	4.595 mm/s	3.381 mm/s	2.152 mm/s
Zero Crossing Frequency	60.2 Hz	60.2 Hz	42.7 Hz
Time (Relative to Trigger)	0.677 sec	0.654 sec	6.165 sec
Peak Acceleration	0.349 g	0.263 g	0.102 g
Peak Displacement	0.012 mm	0.008 mm	0.007 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	5.301 mm/s at 0.678 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

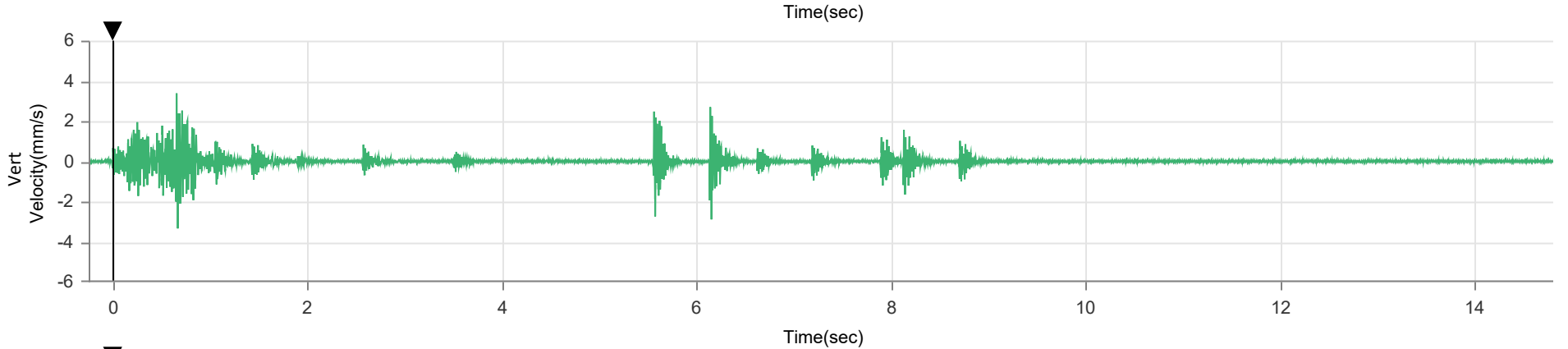


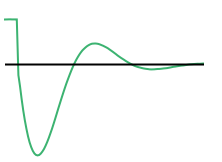
Sensor Check





✓ Passed





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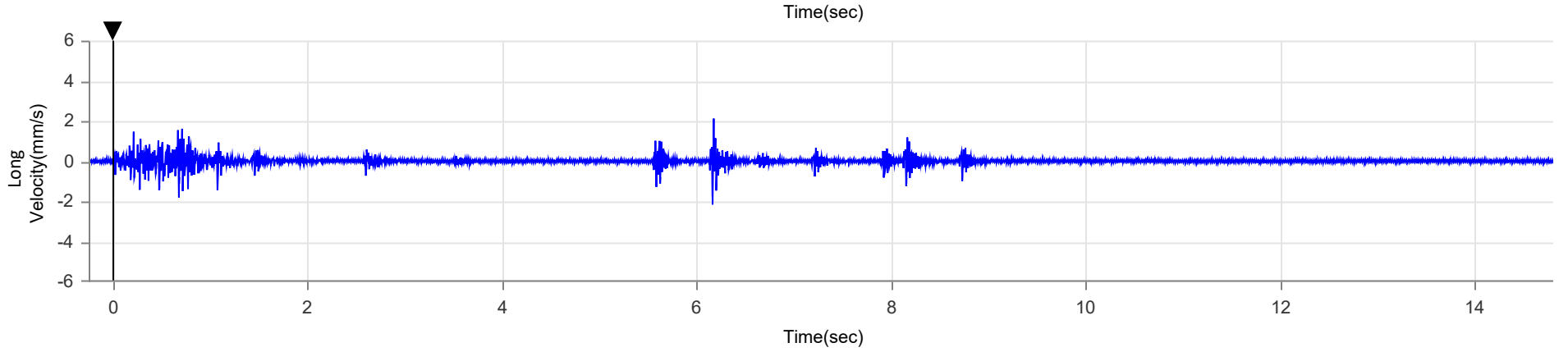

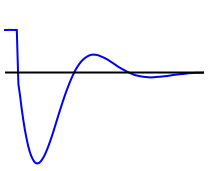

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 15:31:13	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/7.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

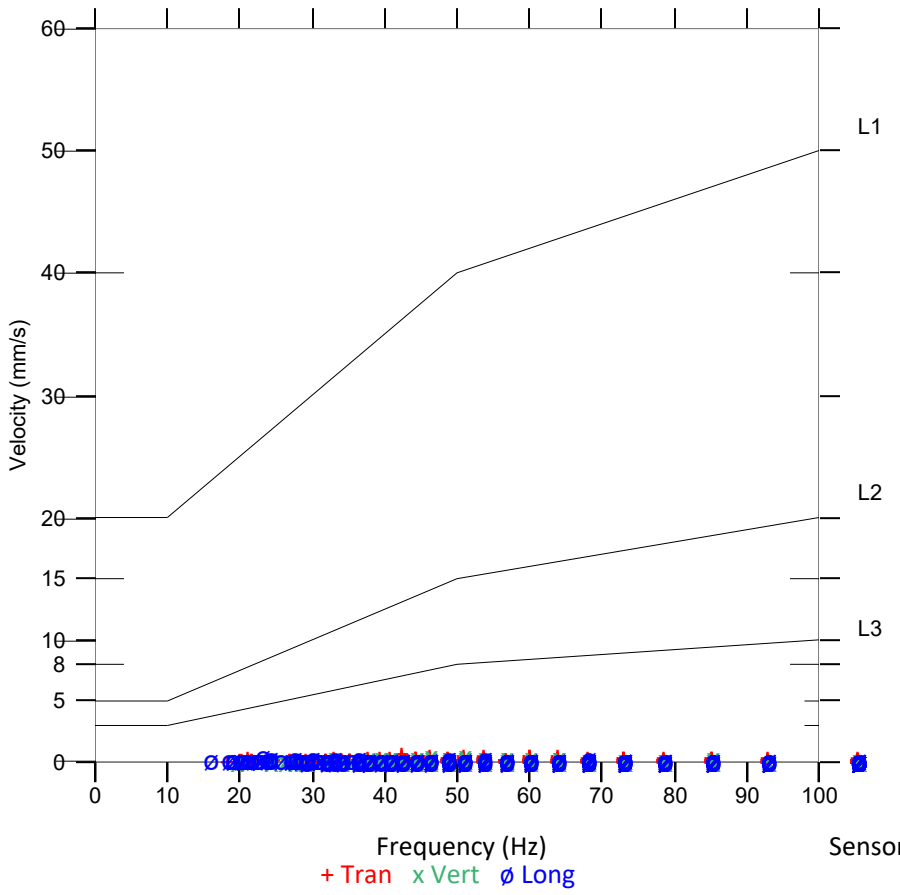
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

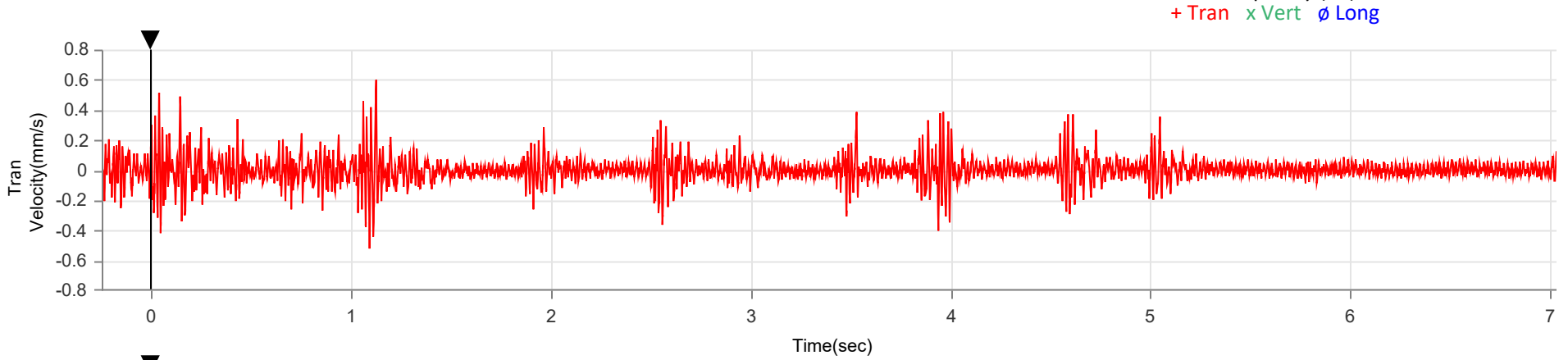
Post Event Notes No text to be displayed.

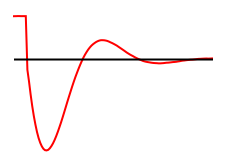
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.599 mm/s	0.512 mm/s	0.449 mm/s
Zero Crossing Frequency	41.0 Hz	51.2 Hz	23.8 Hz
Time (Relative to Trigger)	1.124 sec	0.000 sec	0.075 sec
Peak Acceleration	0.026 g	0.023 g	0.020 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	0.660 mm/s at 1.060 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

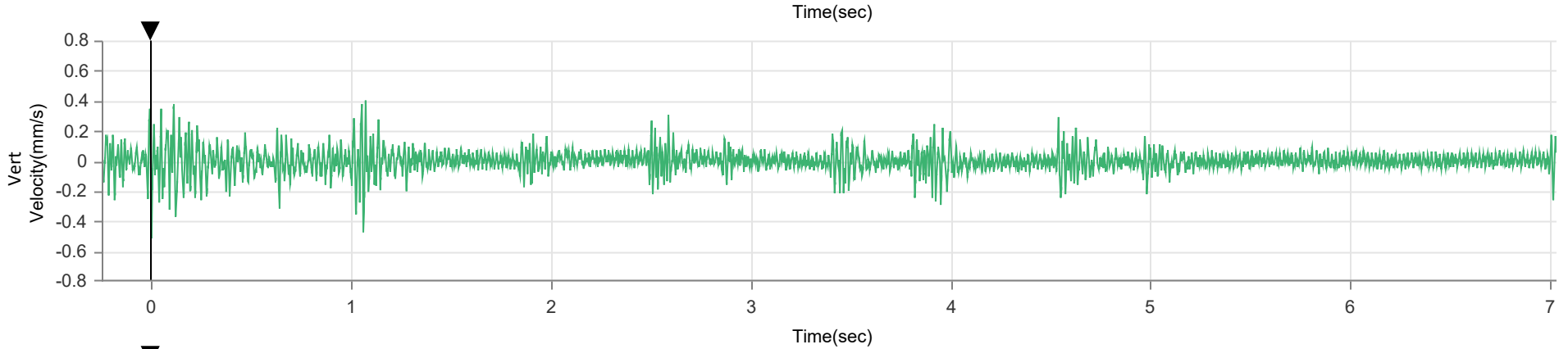


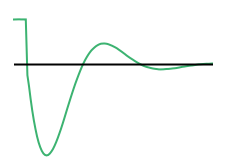
Sensor Check





✓ Passed





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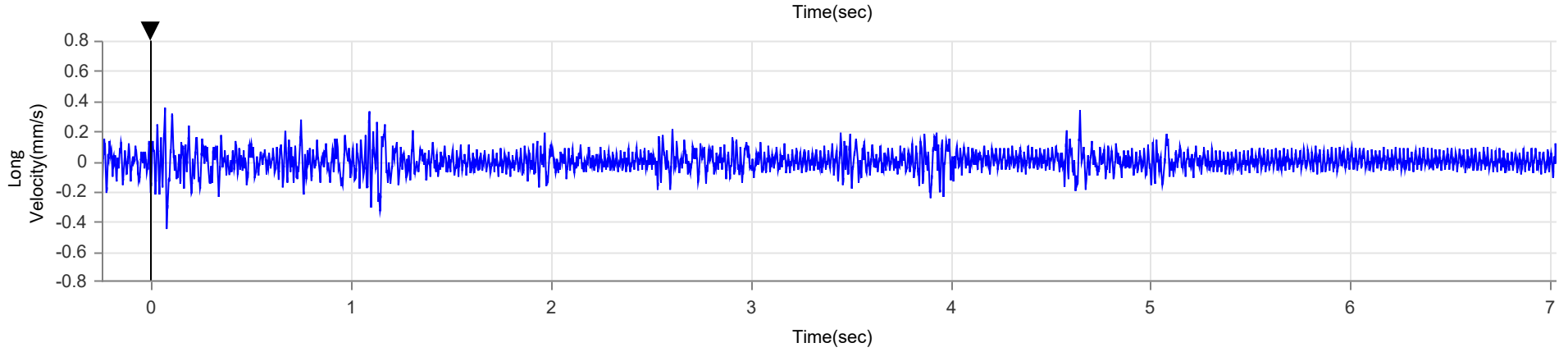
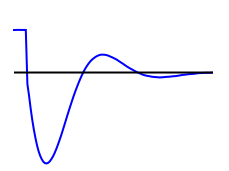




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:21	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221102153121.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

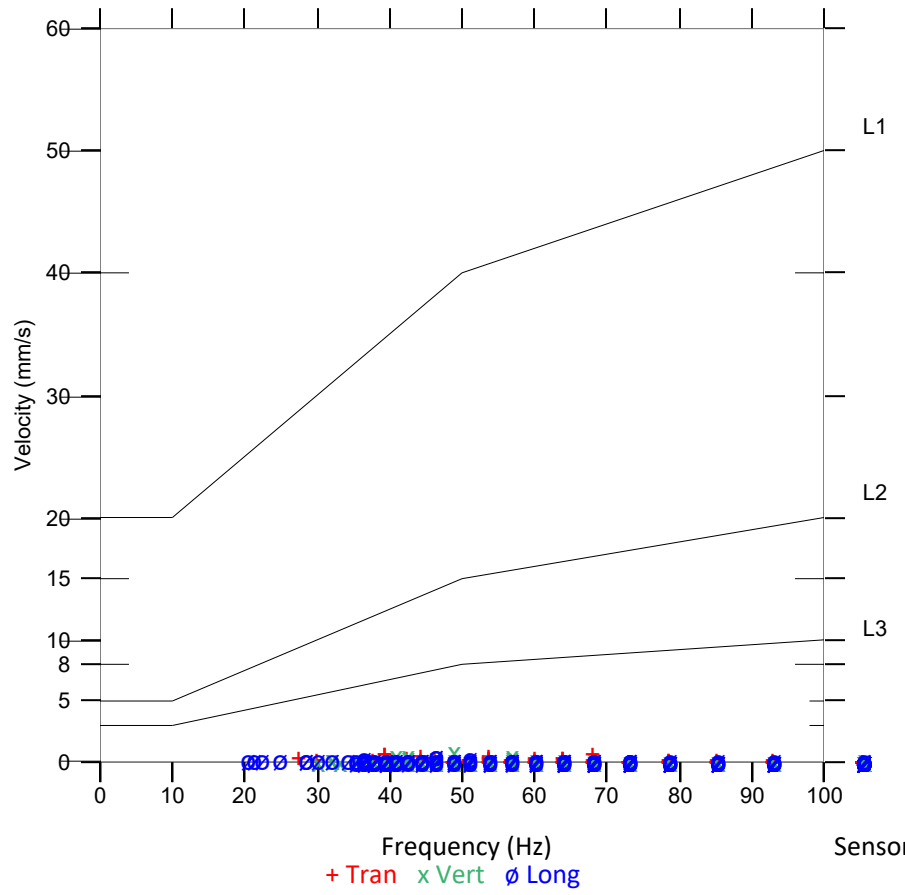
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

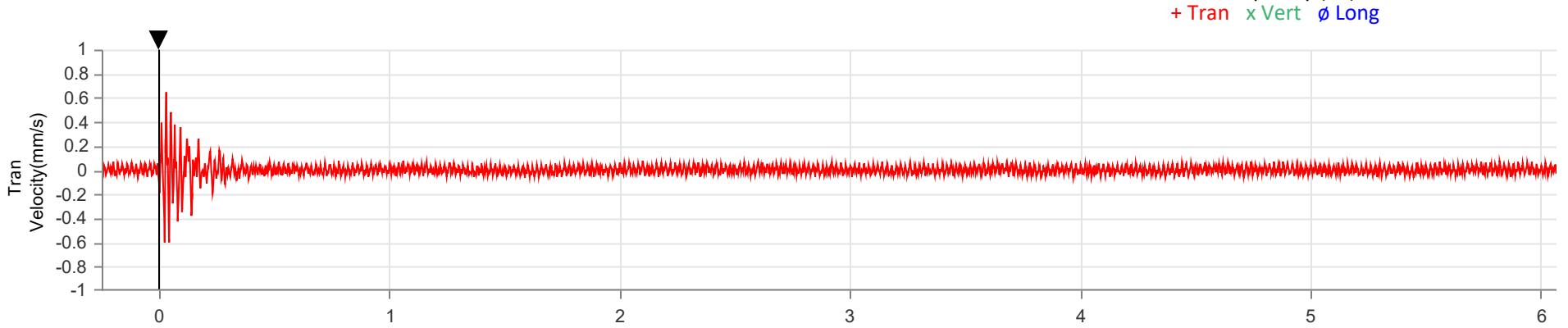
Post Event Notes No text to be displayed.

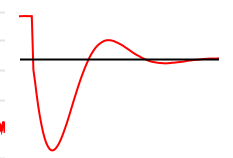
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.646 mm/s	0.875 mm/s	0.473 mm/s
Zero Crossing Frequency	39.4 Hz	48.8 Hz	46.5 Hz
Time (Relative to Trigger)	0.030 sec	0.013 sec	0.042 sec
Peak Acceleration	0.030 g	0.030 g	0.020 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.0
Peak Vector Sum	0.925 mm/s at 0.013 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

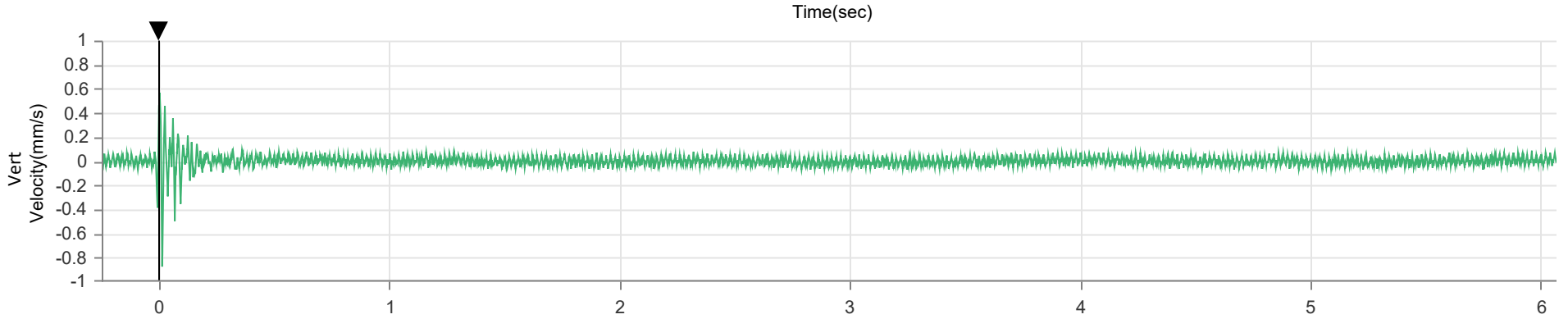


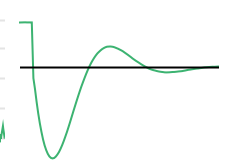
Sensor Check





✓ Passed





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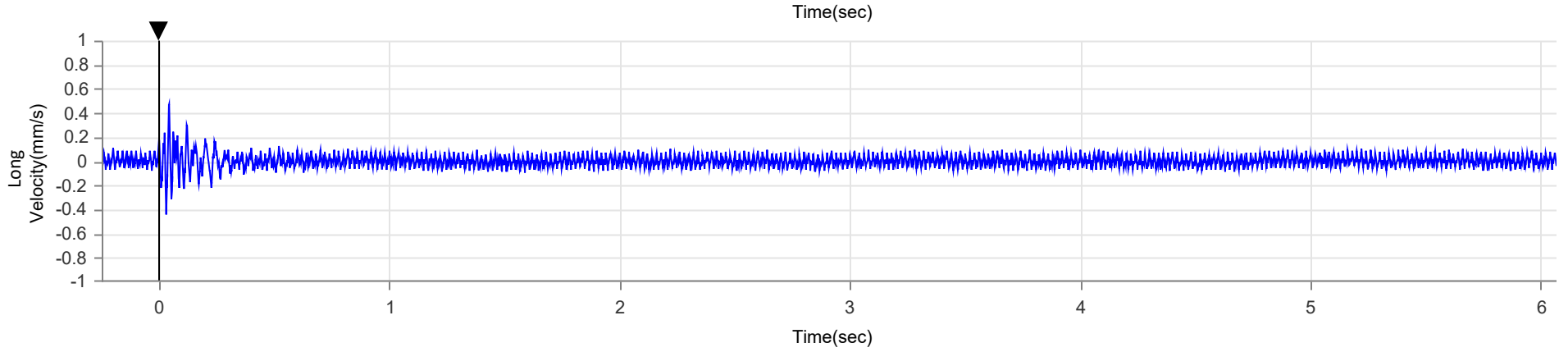
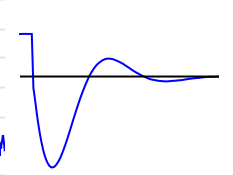




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:40	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

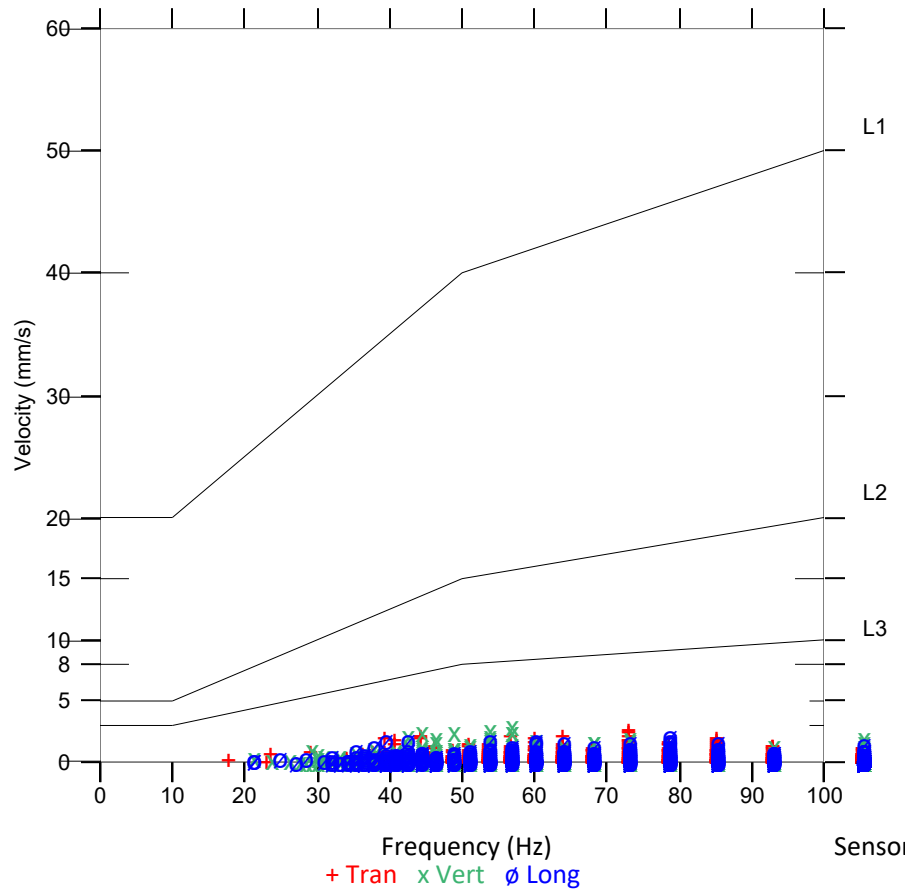
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

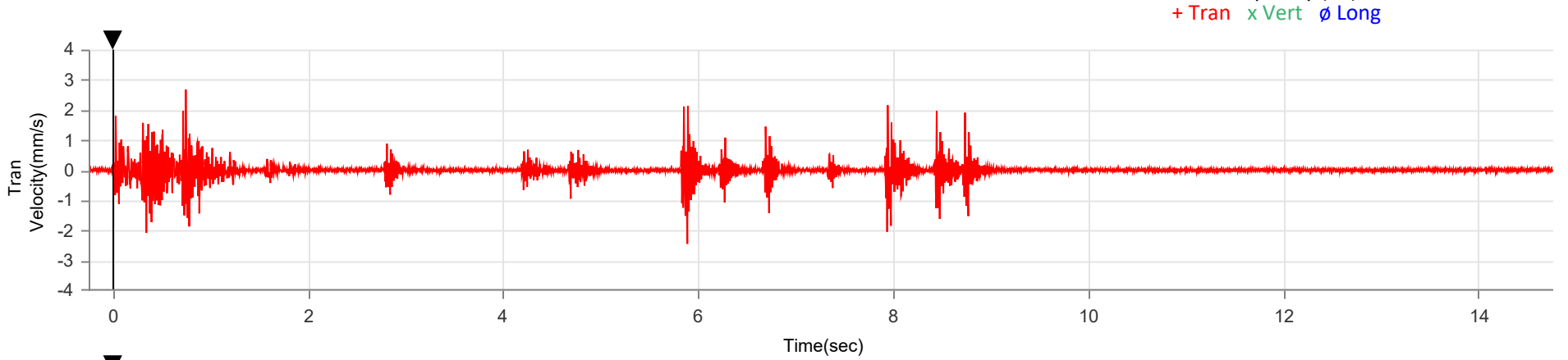
Post Event Notes No text to be displayed.

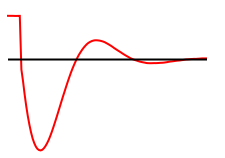
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.672 mm/s	2.924 mm/s	2.183 mm/s
Zero Crossing Frequency	73.1 Hz	56.9 Hz	78.8 Hz
Time (Relative to Trigger)	0.747 sec	5.845 sec	7.939 sec
Peak Acceleration	0.142 g	0.245 g	0.163 g
Peak Displacement	0.007 mm	0.007 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	3.591 mm/s at 0.342 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

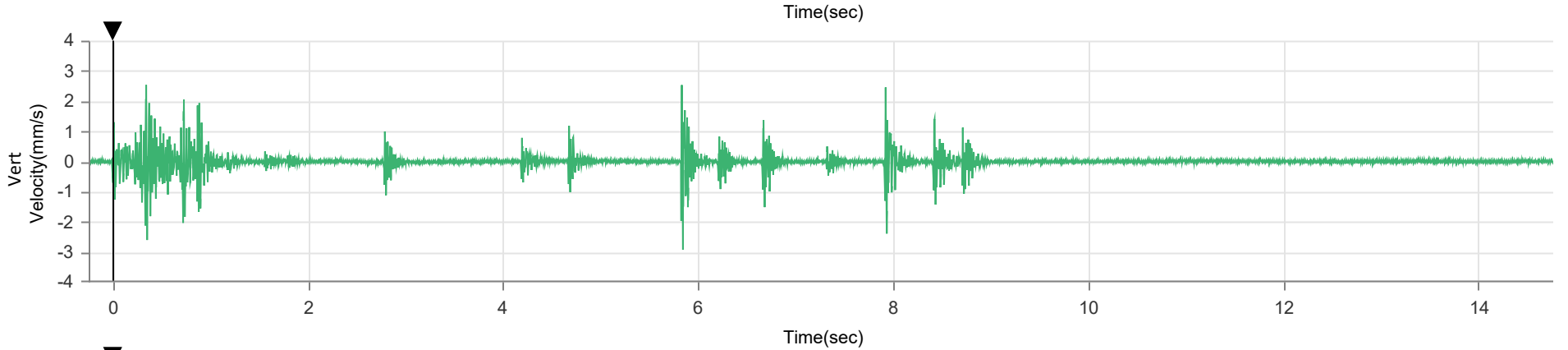


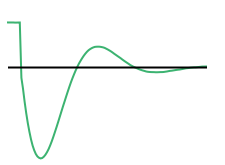
Sensor Check



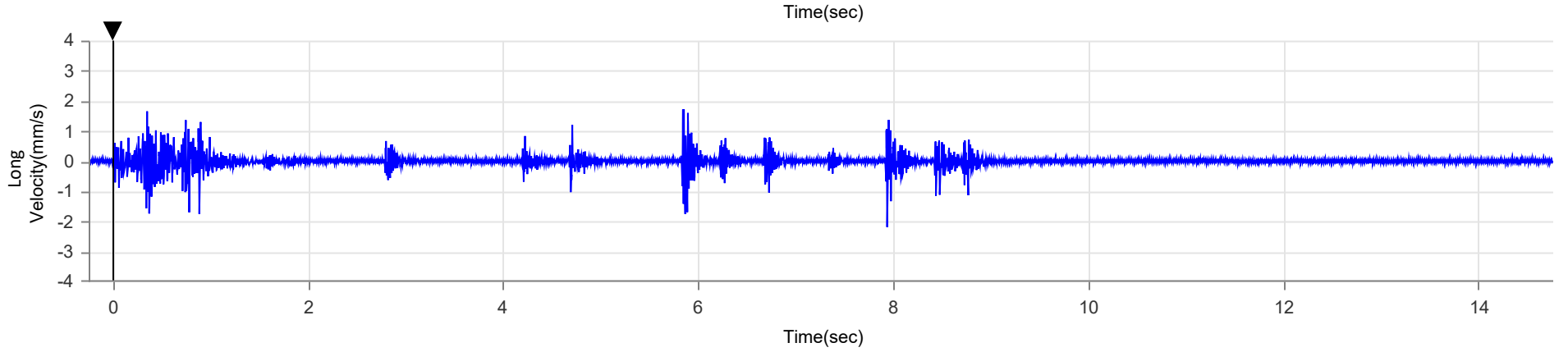


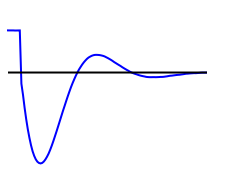
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 3, 2022 14:11:20	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221103141120.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

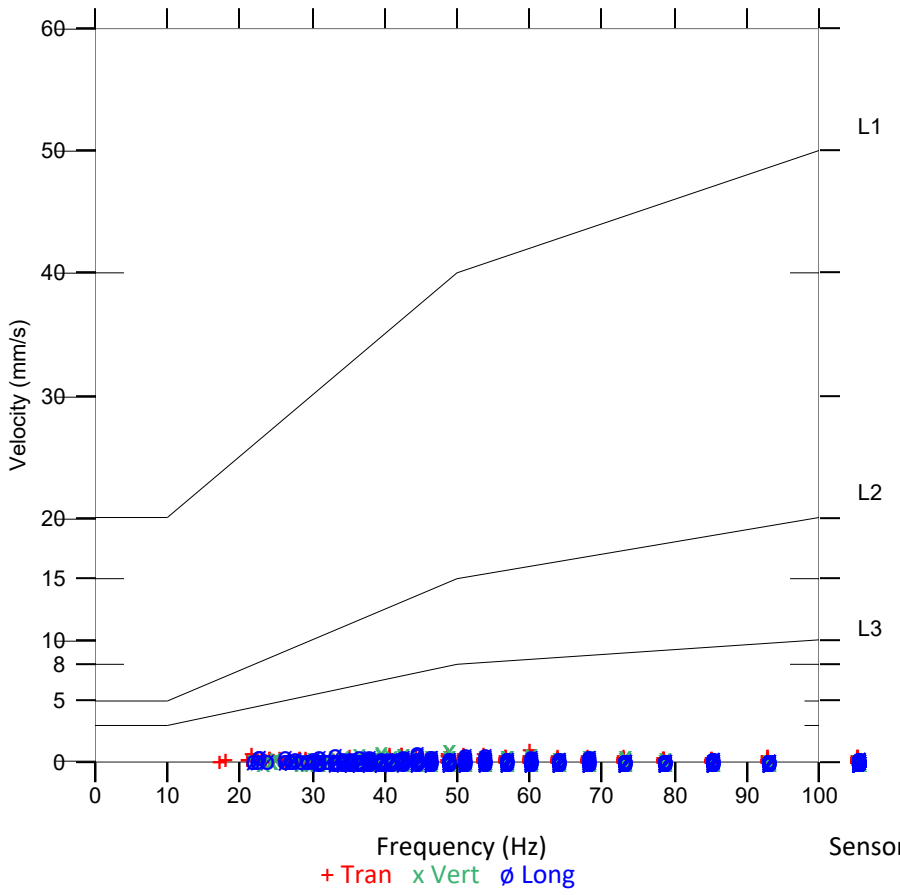
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

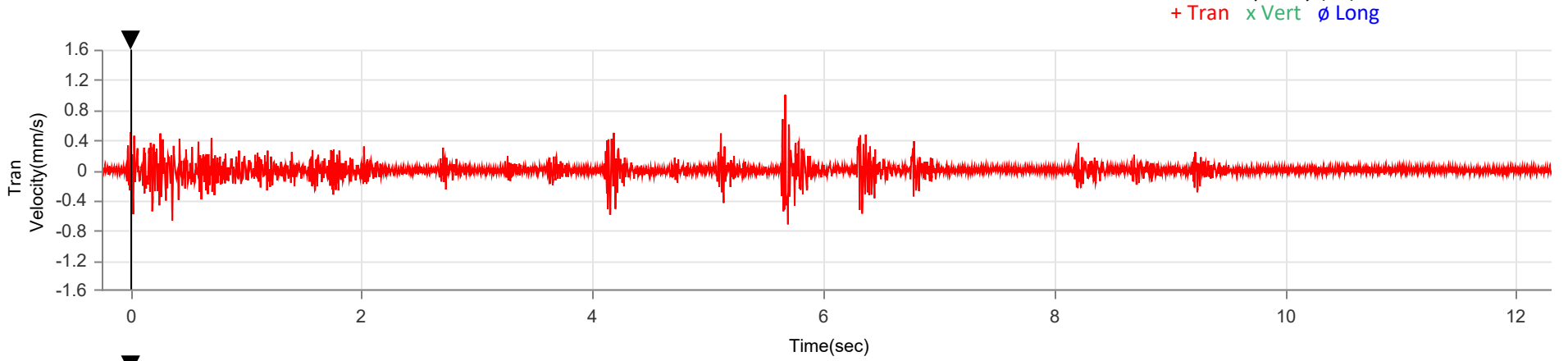
Post Event Notes No text to be displayed.

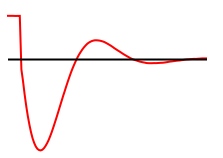
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.001 mm/s	1.009 mm/s	0.812 mm/s
Zero Crossing Frequency	60.2 Hz	48.8 Hz	44.5 Hz
Time (Relative to Trigger)	5.670 sec	5.639 sec	5.694 sec
Peak Acceleration	0.038 g	0.038 g	0.036 g
Peak Displacement	0.004 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	1.238 mm/s at 5.694 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

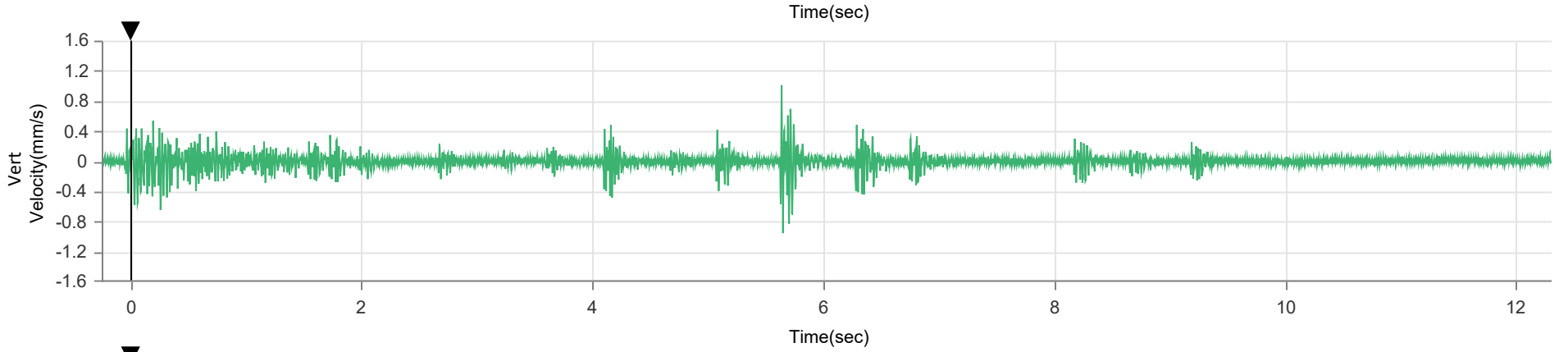


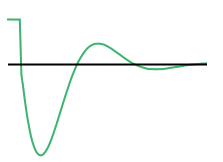
Sensor Check





✓ Passed





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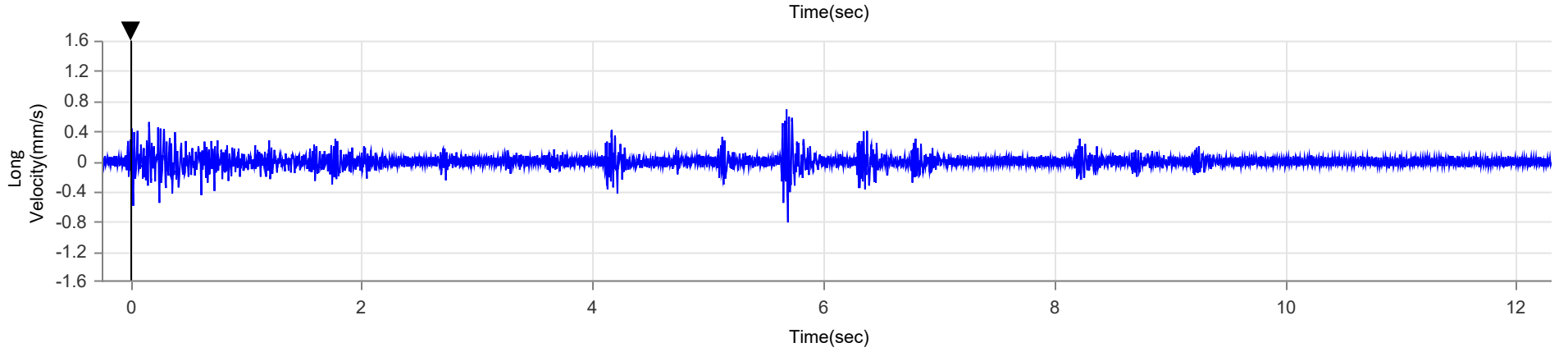
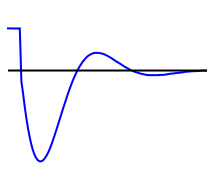




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 09:53:09	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

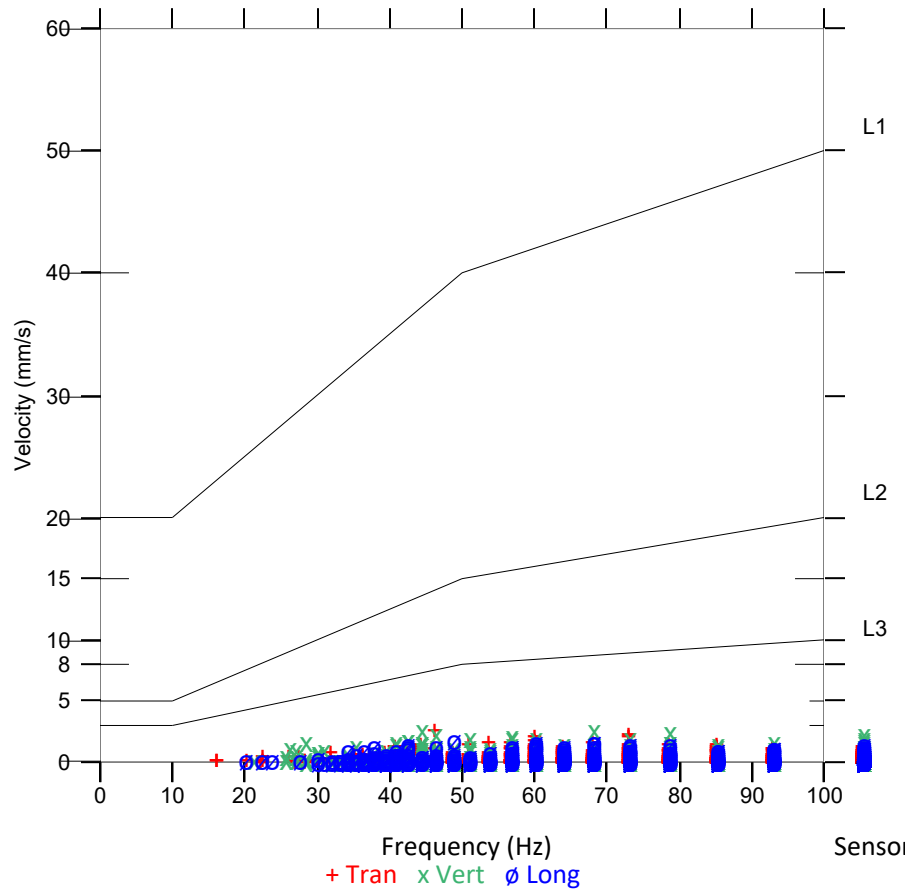
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

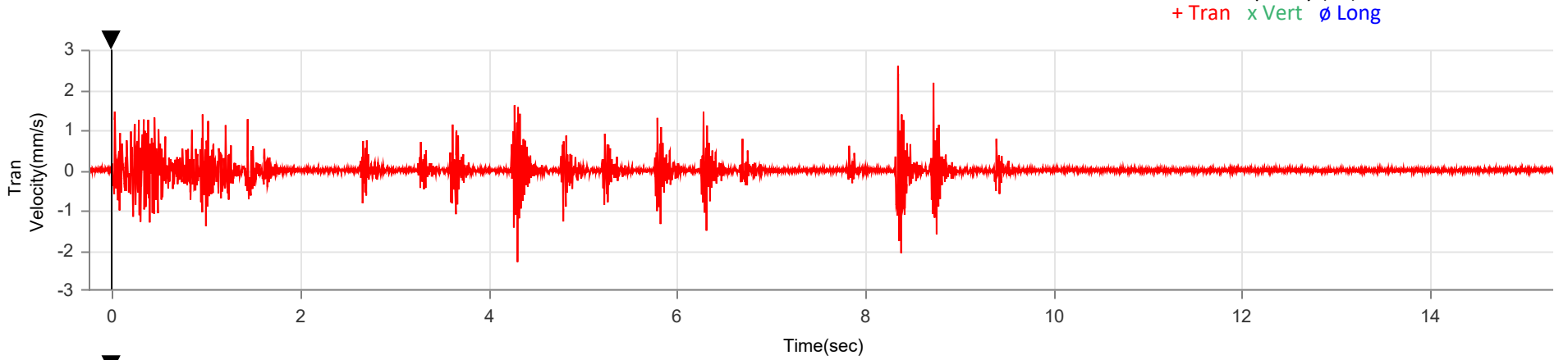
Post Event Notes No text to be displayed.

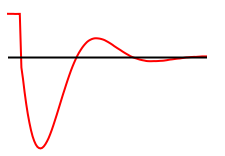
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.593 mm/s	2.640 mm/s	1.758 mm/s
Zero Crossing Frequency	44.5 Hz	44.5 Hz	48.8 Hz
Time (Relative to Trigger)	8.351 sec	4.254 sec	0.210 sec
Peak Acceleration	0.123 g	0.222 g	0.160 g
Peak Displacement	0.007 mm	0.007 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	3.212 mm/s at 4.308 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

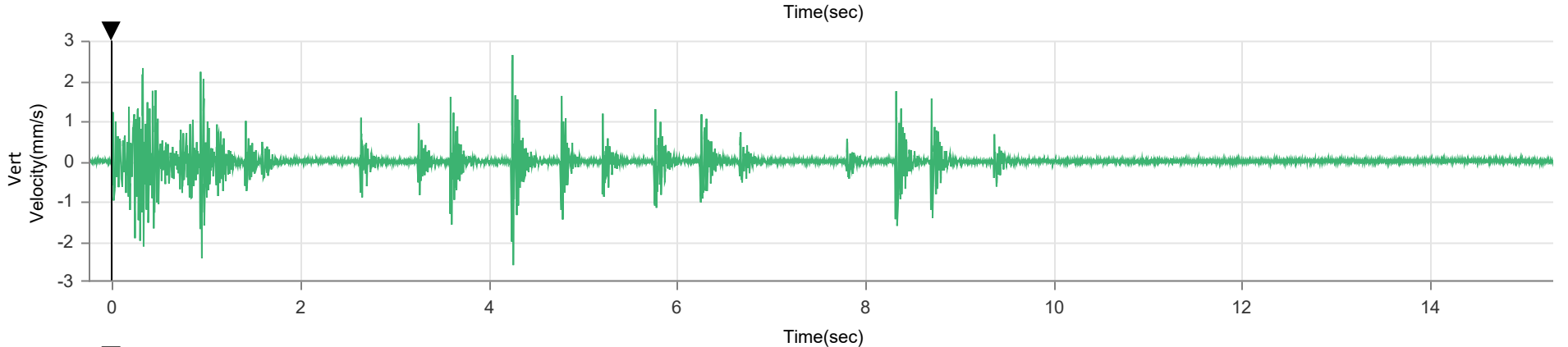


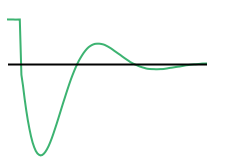
Sensor Check





✓ Passed





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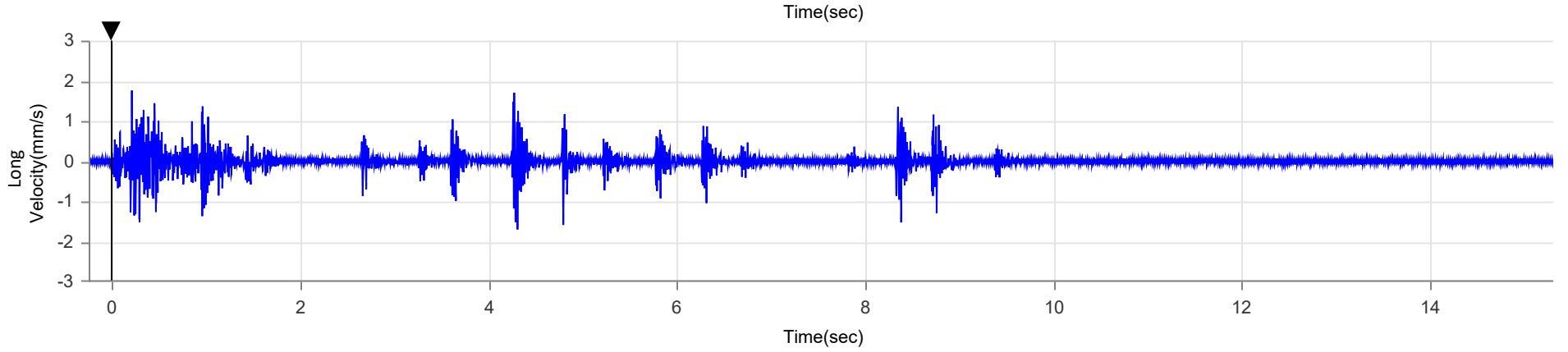
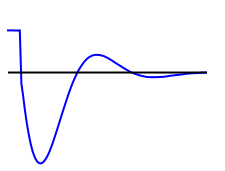




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 4, 2022 11:13:25	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221104111325.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

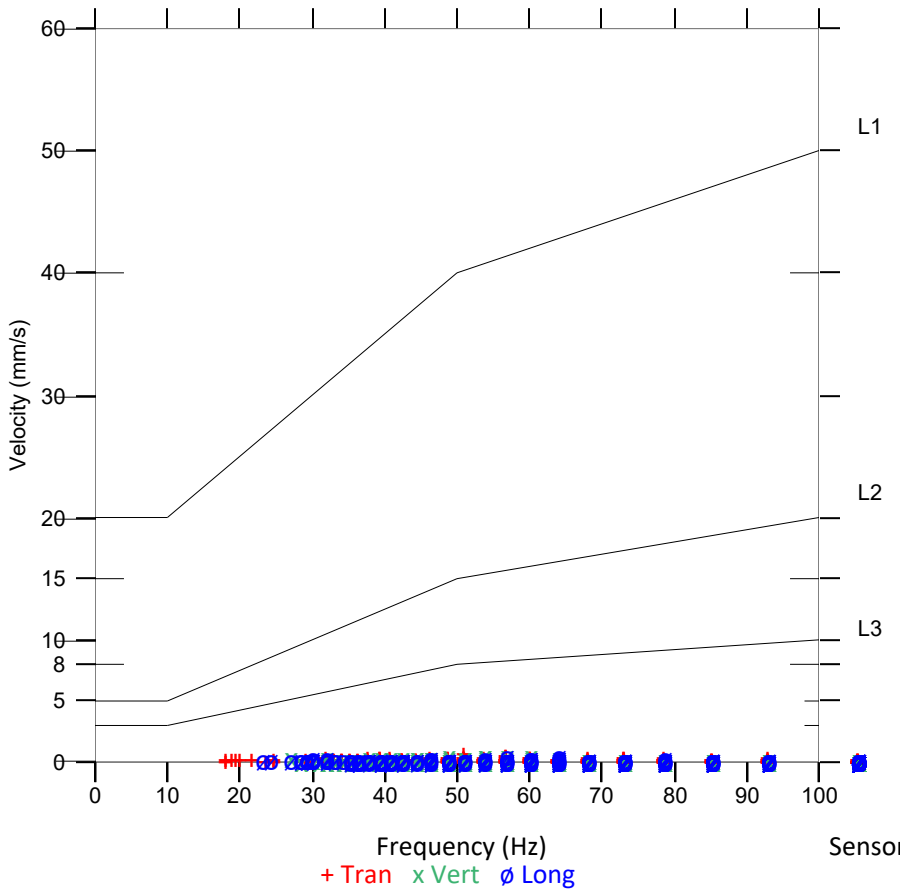
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

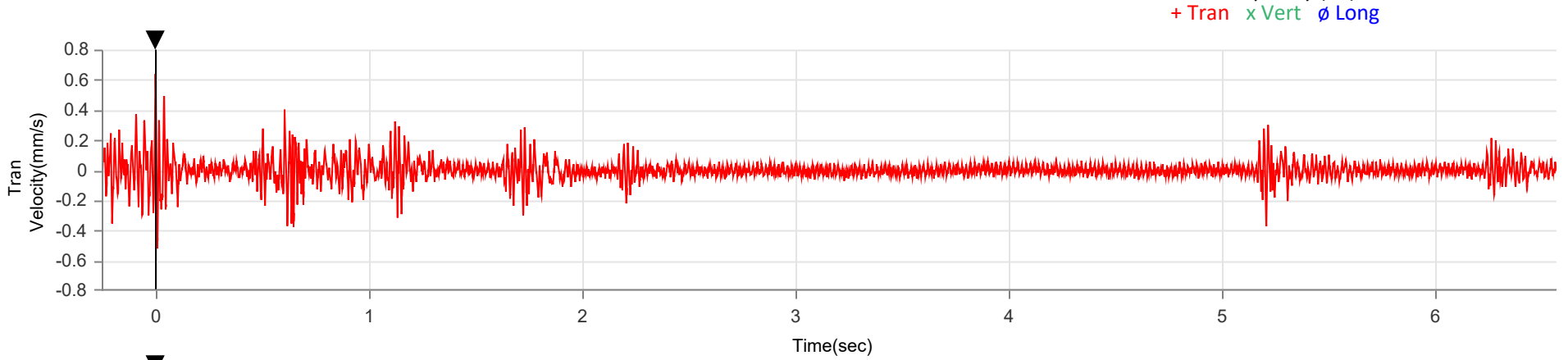
Post Event Notes No text to be displayed.

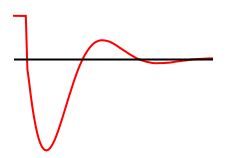
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.638 mm/s	0.520 mm/s	0.457 mm/s
Zero Crossing Frequency	51.2 Hz	56.9 Hz	56.9 Hz
Time (Relative to Trigger)	0.002 sec	0.003 sec	0.019 sec
Peak Acceleration	0.023 g	0.026 g	0.020 g
Peak Displacement	0.002 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.866 mm/s at 0.003 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

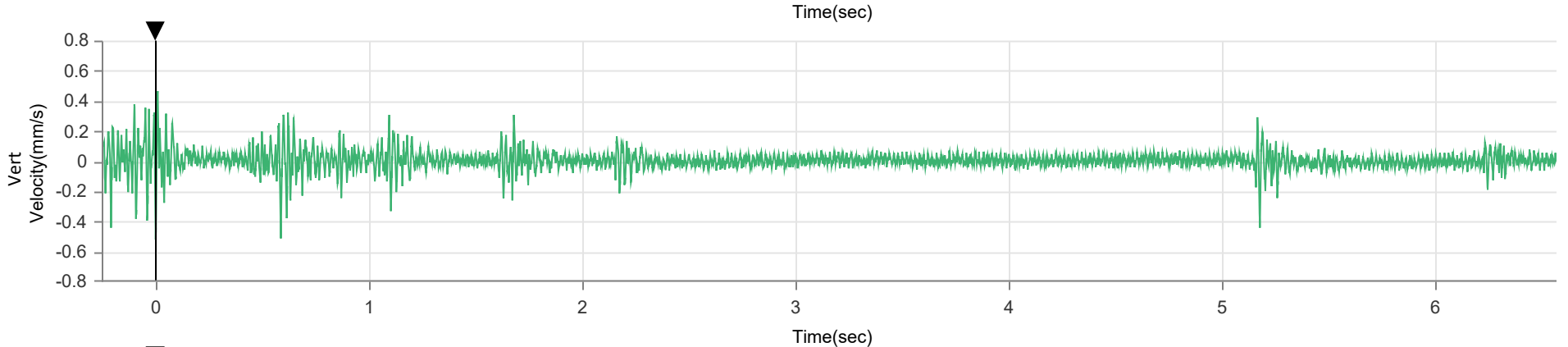


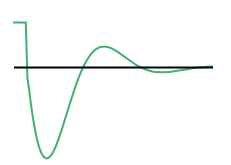
Sensor Check





✓ Passed





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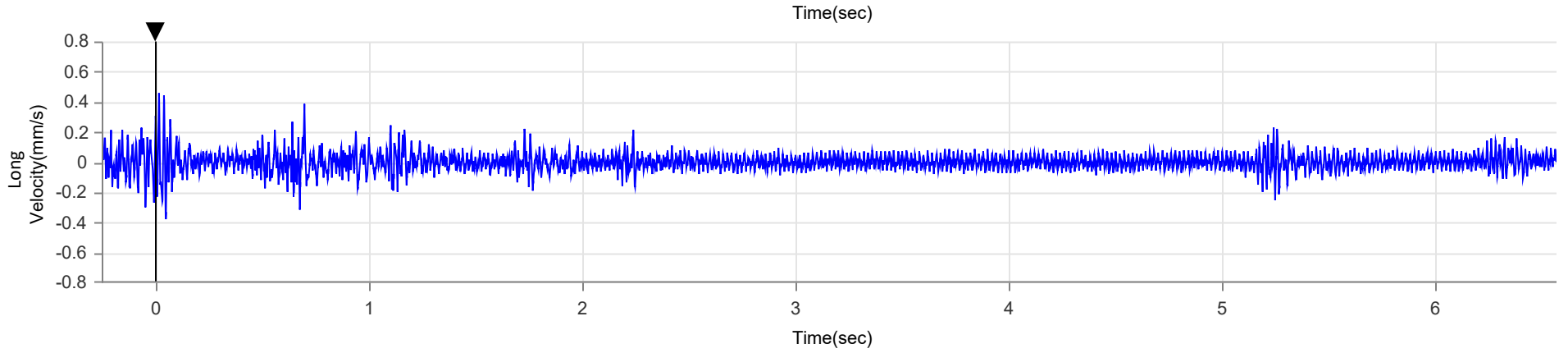
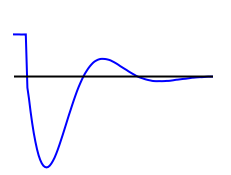




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 4, 2022 12:00:04	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/7.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221104120004.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

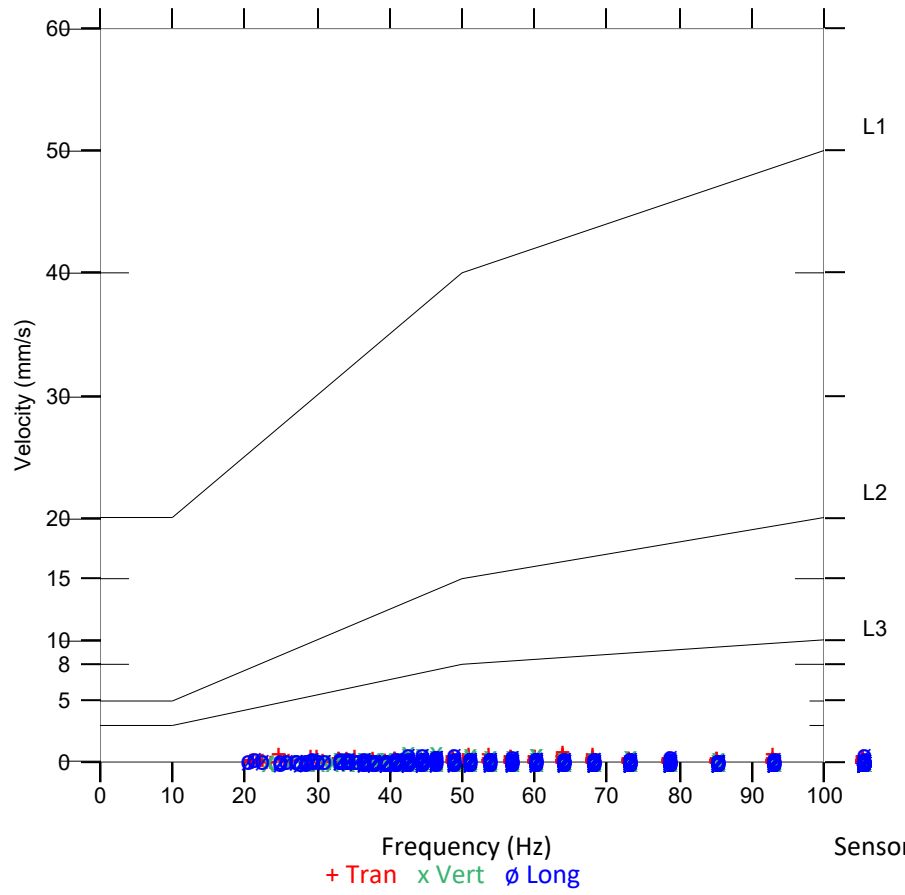
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

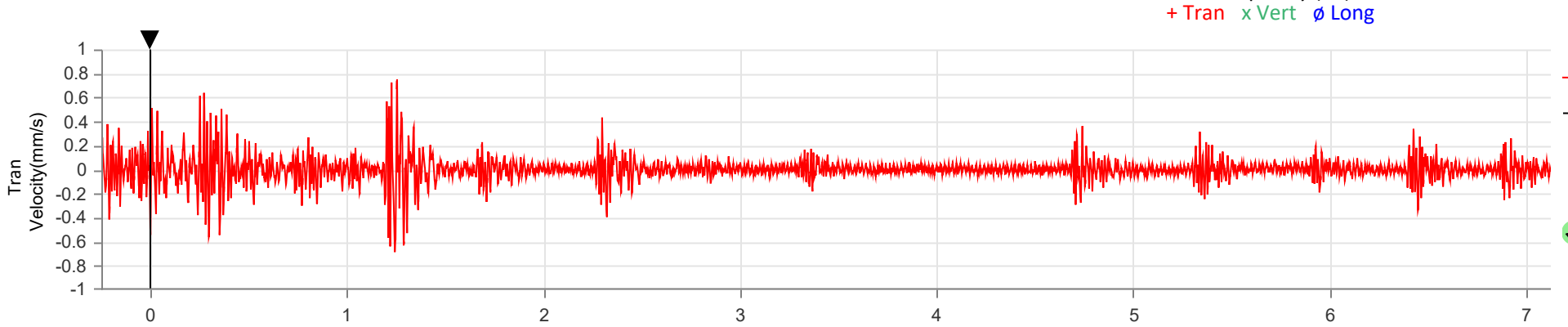
Post Event Notes No text to be displayed.

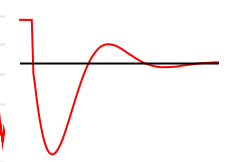
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.749 mm/s	0.796 mm/s	0.686 mm/s
Zero Crossing Frequency	68.3 Hz	42.7 Hz	42.7 Hz
Time (Relative to Trigger)	1.255 sec	0.253 sec	0.296 sec
Peak Acceleration	0.044 g	0.046 g	0.039 g
Peak Displacement	0.004 mm	0.002 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	1.045 mm/s at 0.252 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

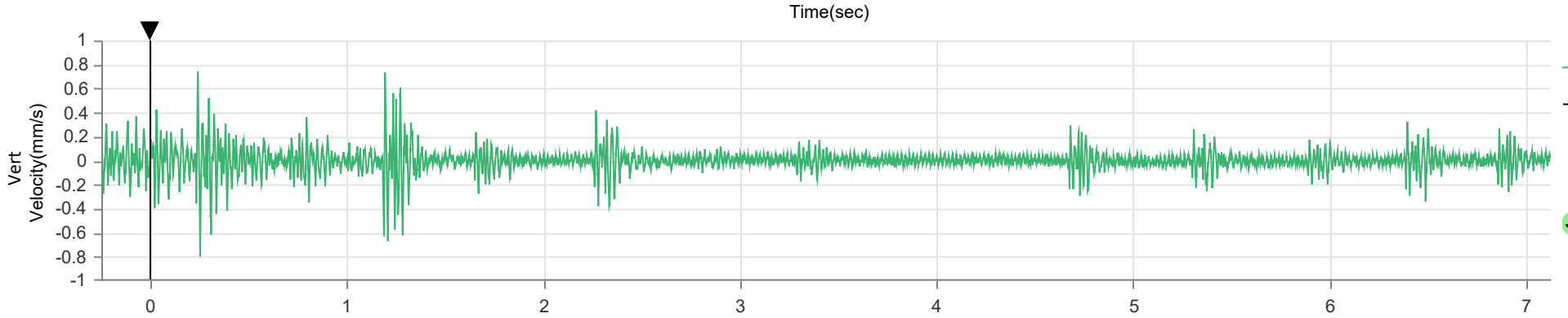


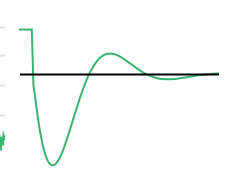
Sensor Check





✓ Passed





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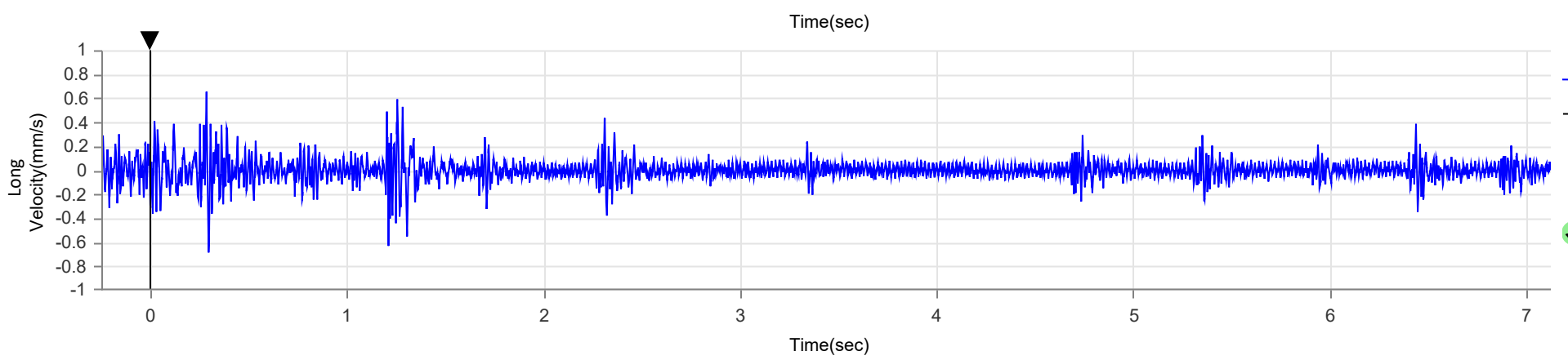
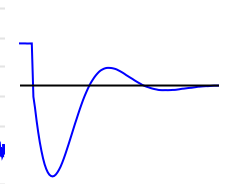




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:12	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221104120012.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

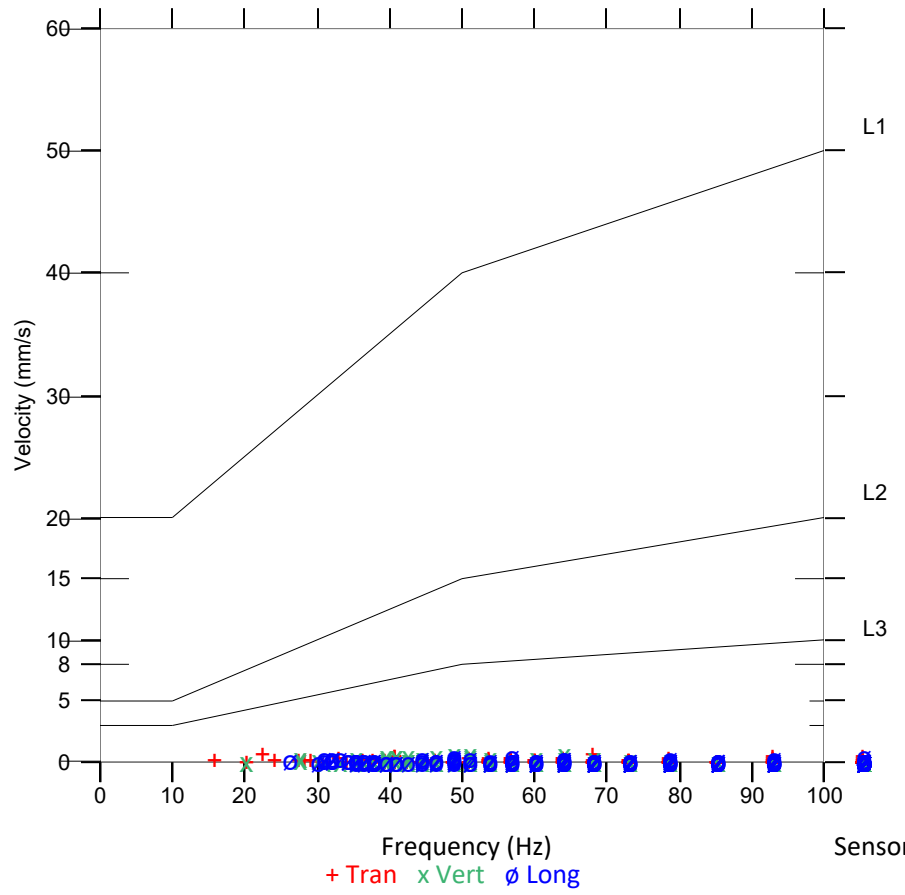
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

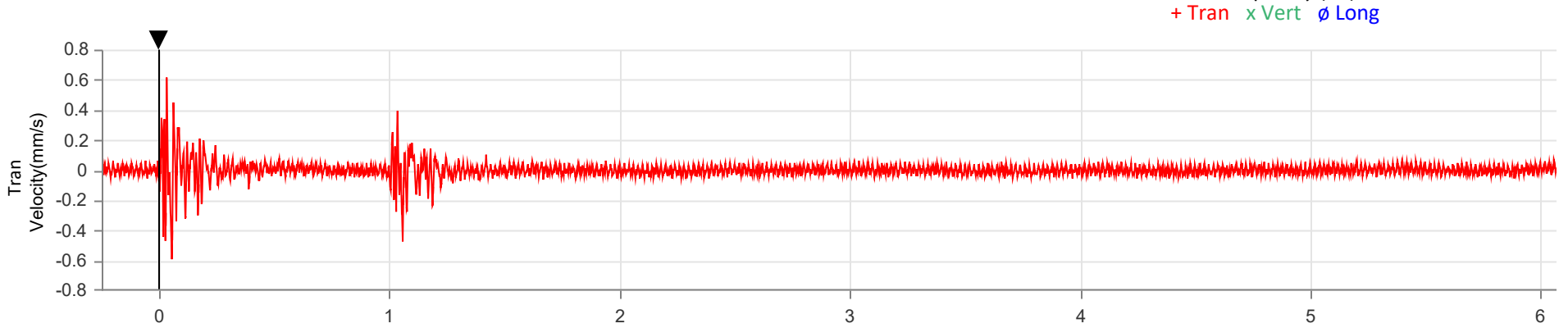
Post Event Notes No text to be displayed.

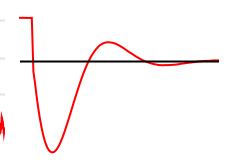
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.615 mm/s	0.623 mm/s	0.528 mm/s
Zero Crossing Frequency	68.3 Hz	51.2 Hz	56.9 Hz
Time (Relative to Trigger)	0.033 sec	0.001 sec	0.056 sec
Peak Acceleration	0.038 g	0.033 g	0.030 g
Peak Displacement	0.003 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.838 mm/s at 0.056 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

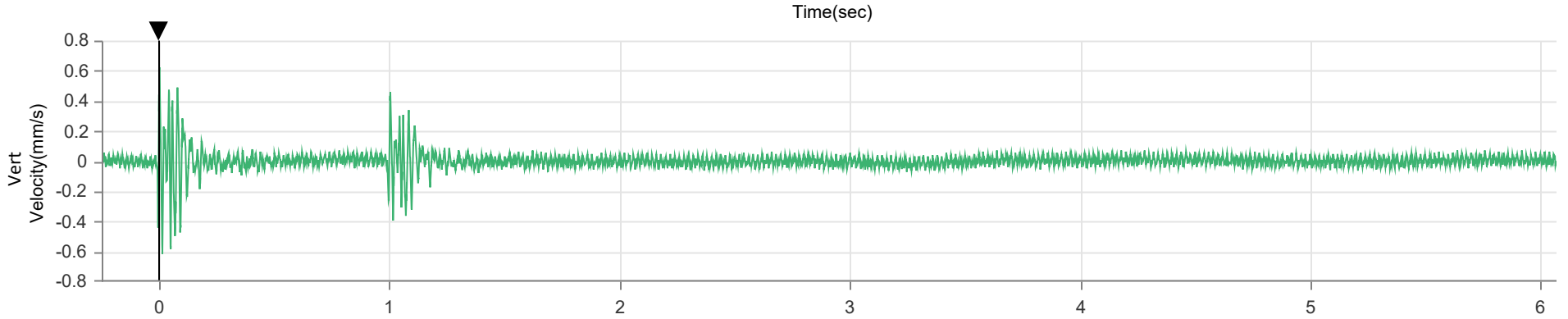


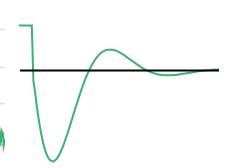
Sensor Check





✓ Passed





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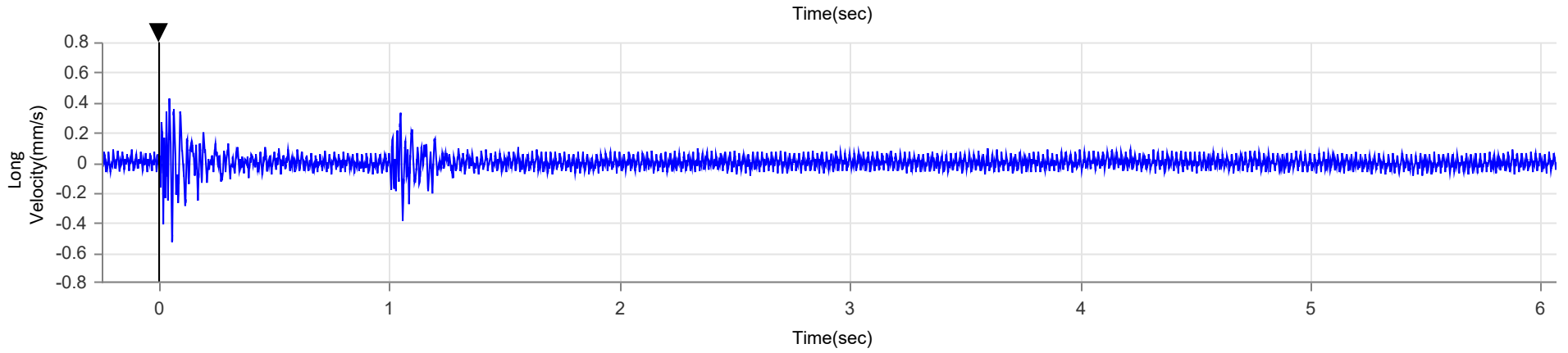

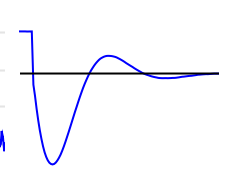

✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 09:55:18	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/7.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221105095518.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

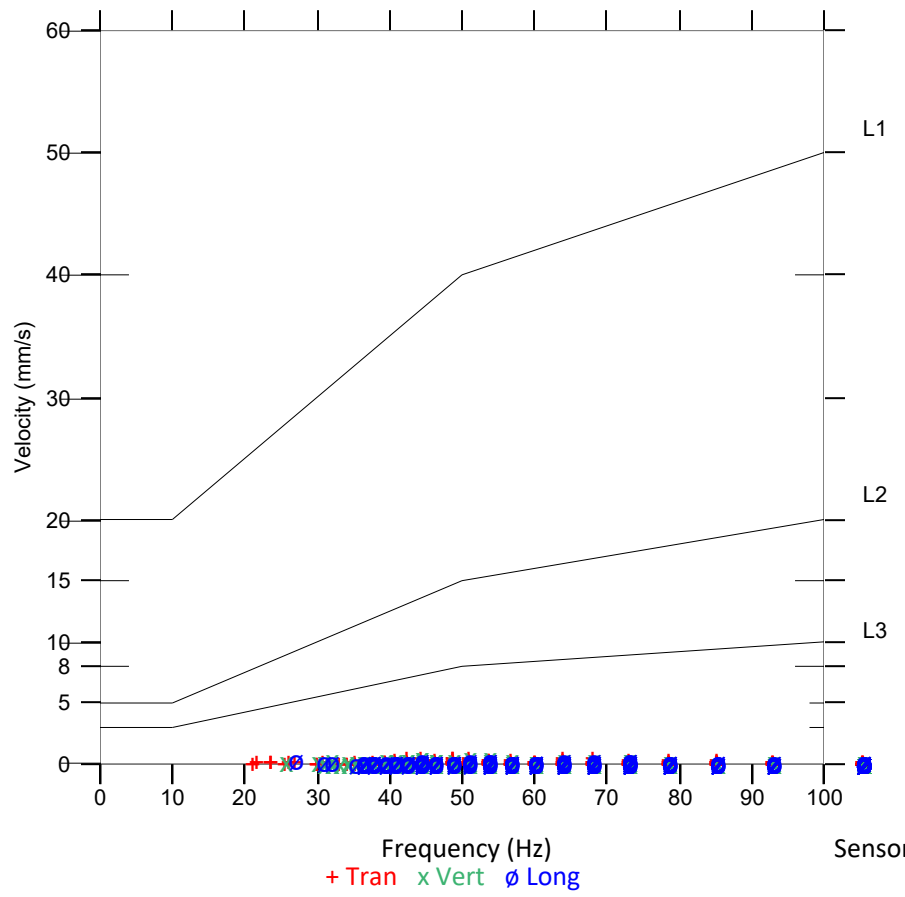
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

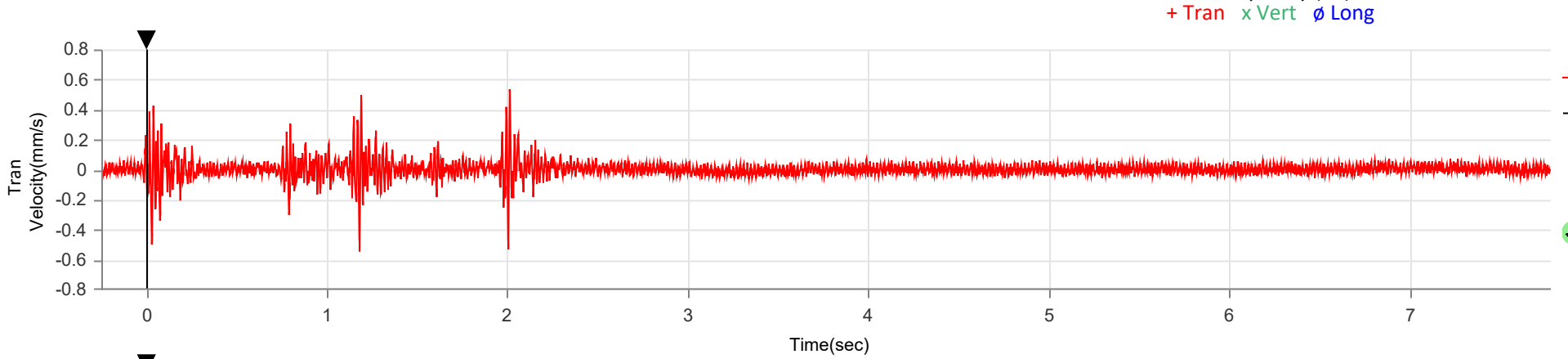
Post Event Notes No text to be displayed.

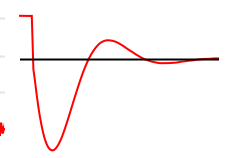
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.544 mm/s	0.520 mm/s	0.378 mm/s
Zero Crossing Frequency	48.8 Hz	51.2 Hz	53.9 Hz
Time (Relative to Trigger)	1.182 sec	0.000 sec	2.041 sec
Peak Acceleration	0.031 g	0.020 g	0.021 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.645 mm/s at 1.183 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

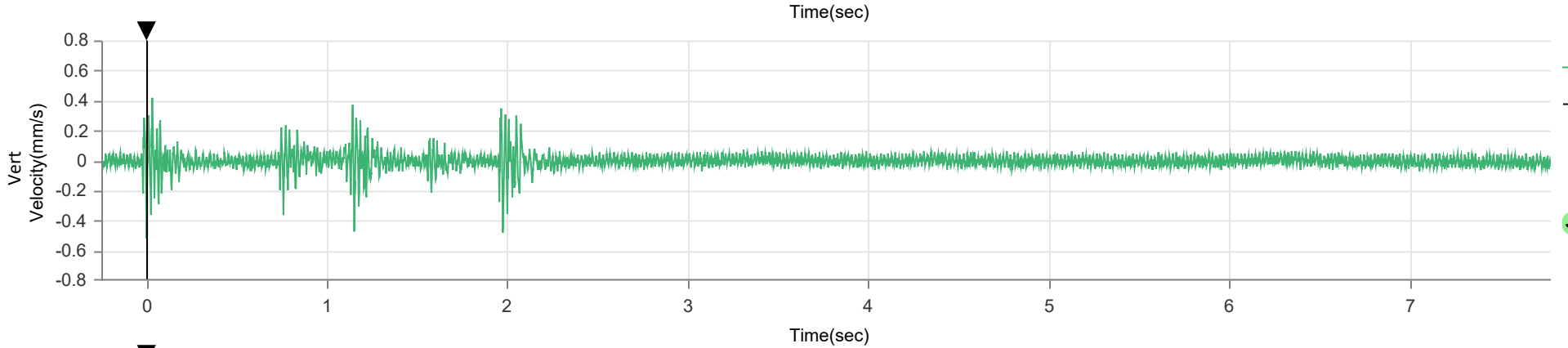


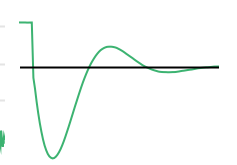
Sensor Check





✓ Passed





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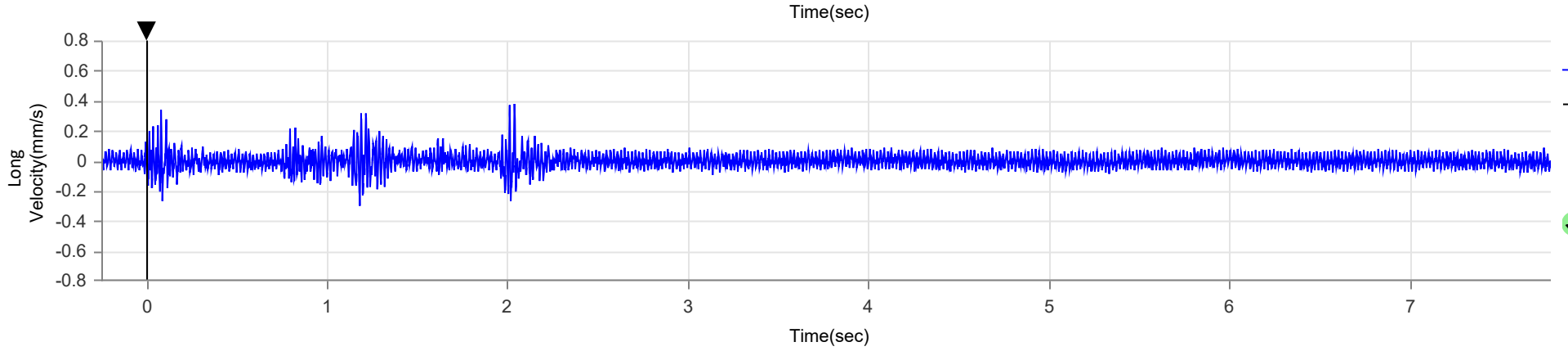

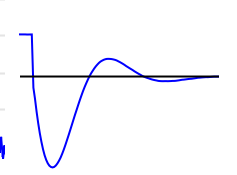

✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 10:41:06	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

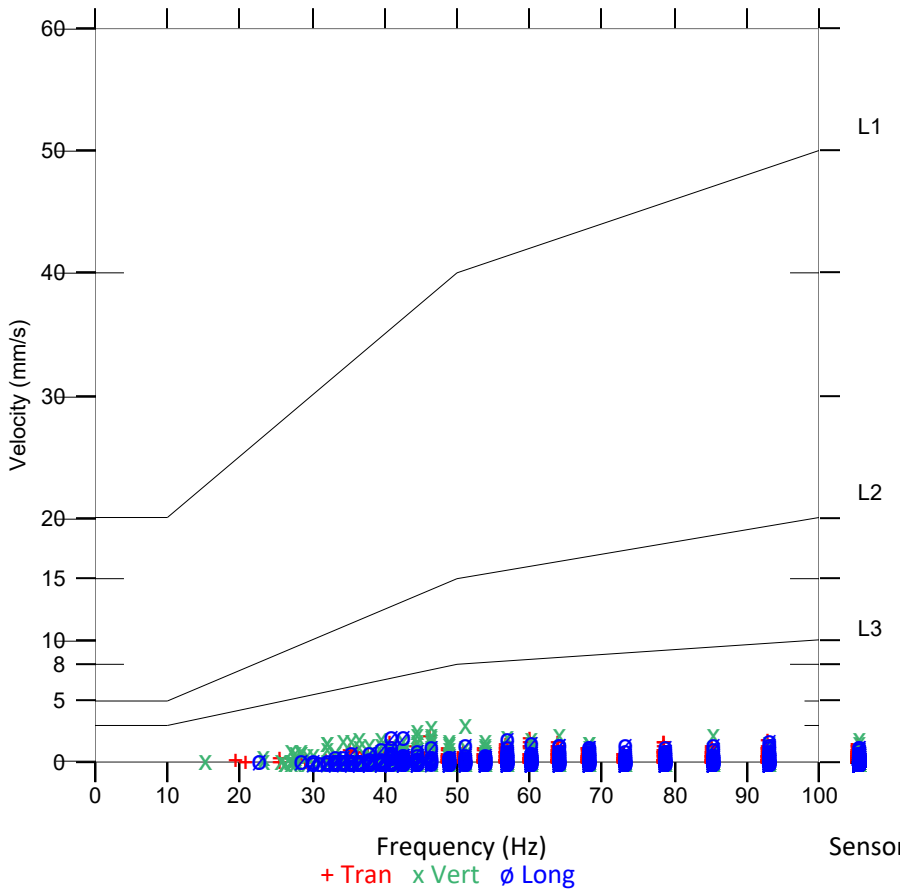
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

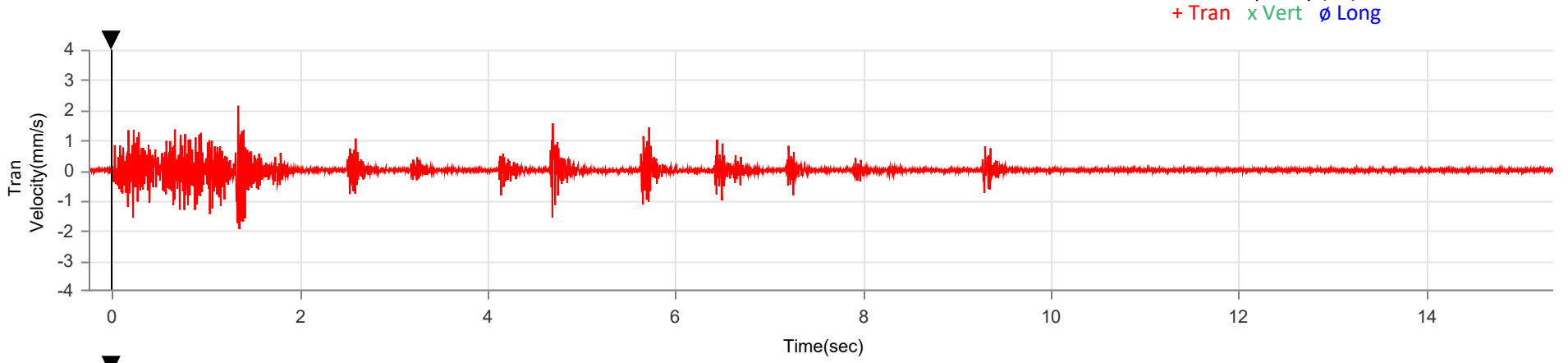
Post Event Notes No text to be displayed.

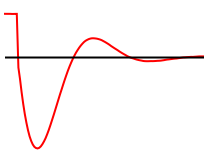
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.144 mm/s	3.113 mm/s	2.160 mm/s
Zero Crossing Frequency	46.5 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	1.344 sec	1.334 sec	1.358 sec
Peak Acceleration	0.142 g	0.225 g	0.181 g
Peak Displacement	0.007 mm	0.009 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	3.589 mm/s at 1.334 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

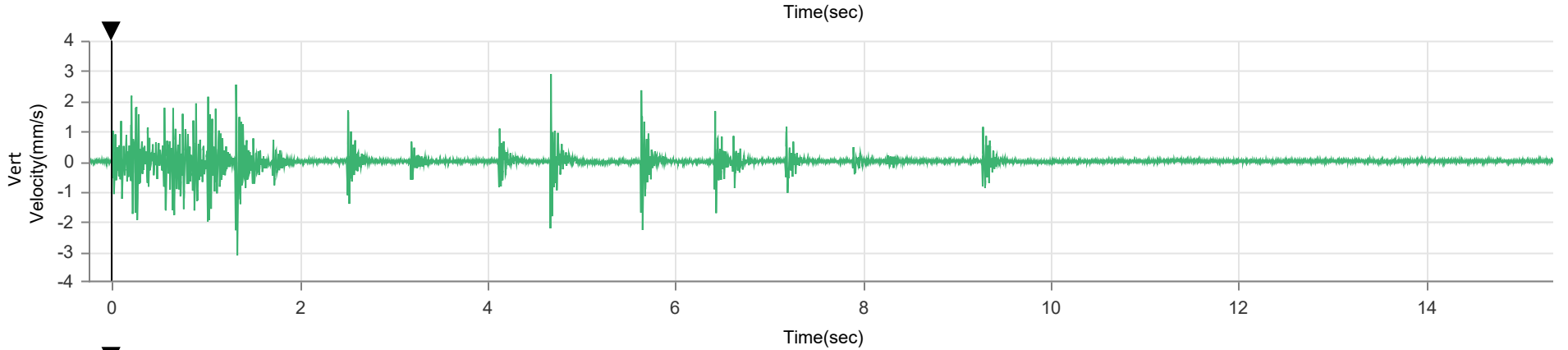


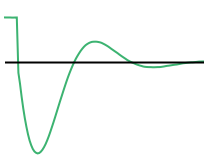
Sensor Check



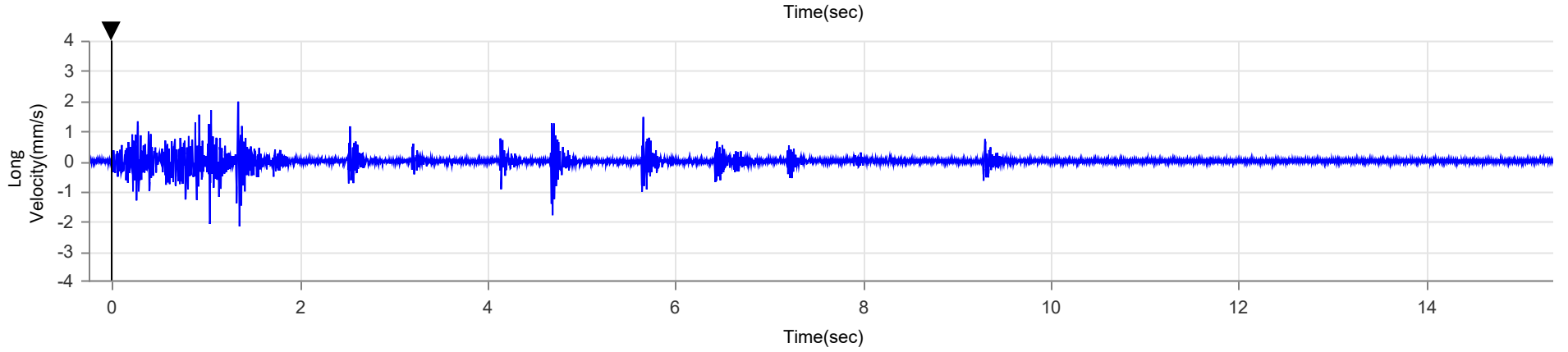


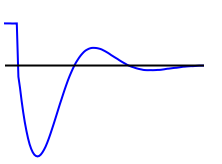
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:43	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/11.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221105121643.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

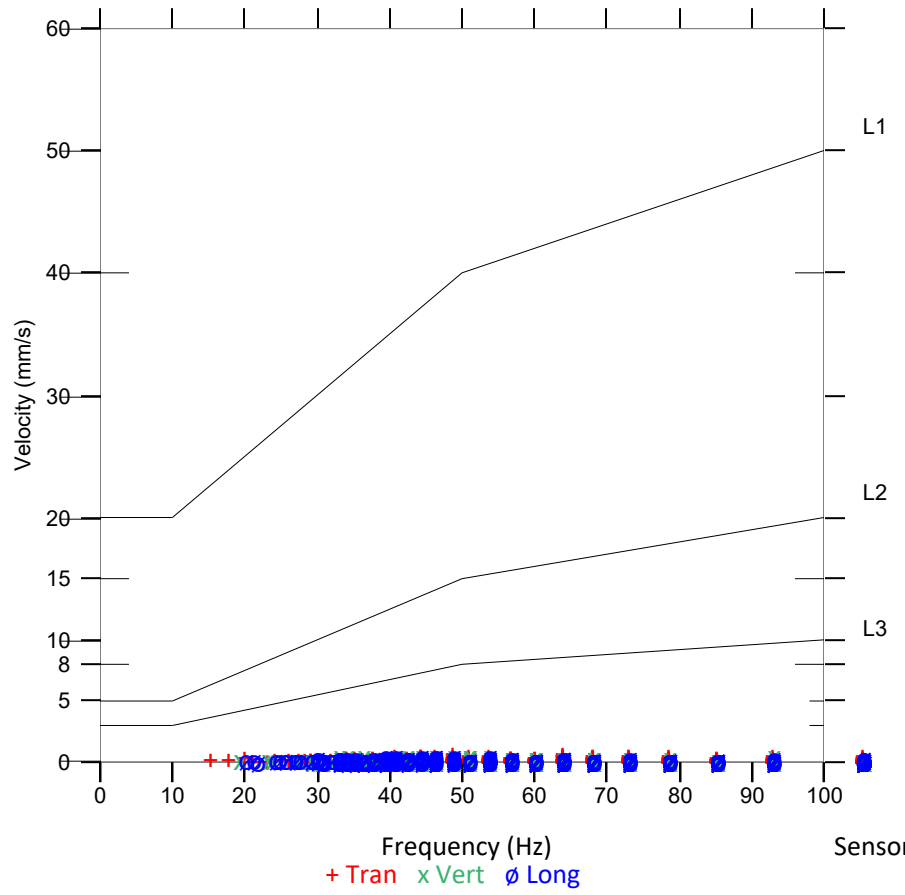
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

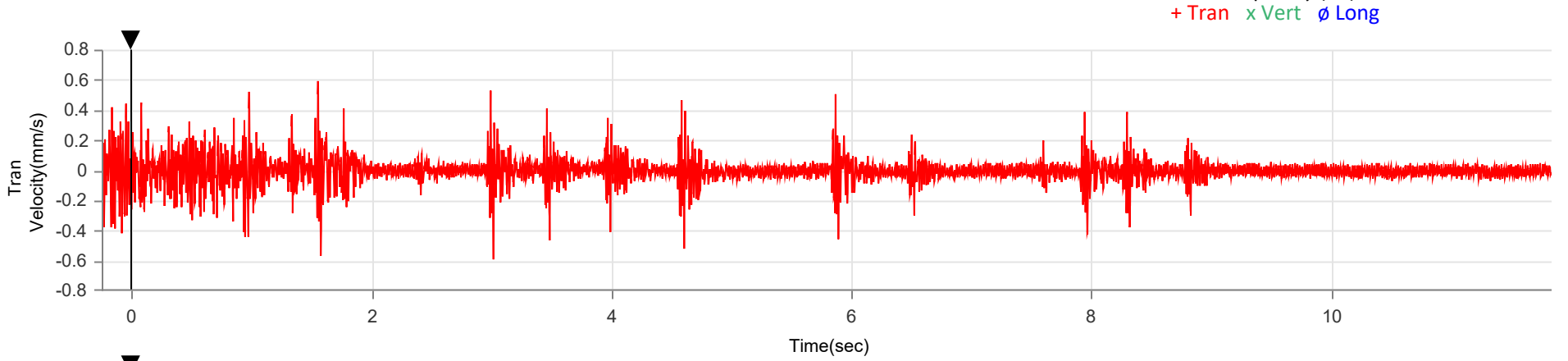
Post Event Notes No text to be displayed.

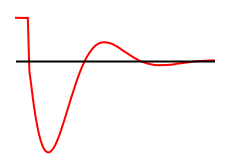
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.591 mm/s	0.536 mm/s	0.567 mm/s
Zero Crossing Frequency	68.3 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	1.554 sec	1.522 sec	1.579 sec
Peak Acceleration	0.030 g	0.033 g	0.028 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.874 mm/s at 1.579 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

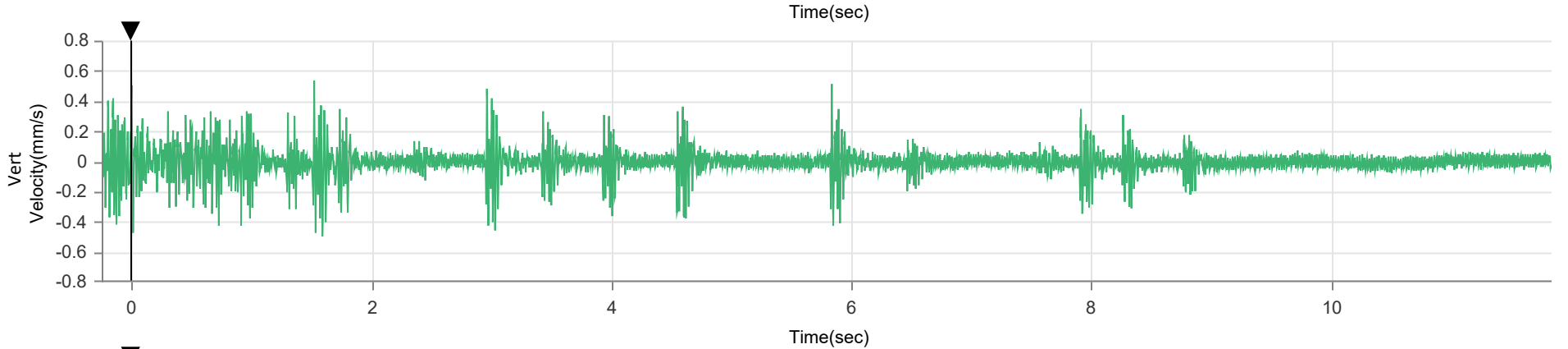


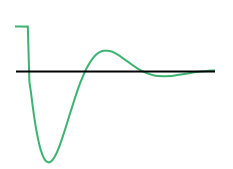
Sensor Check





✓ Passed





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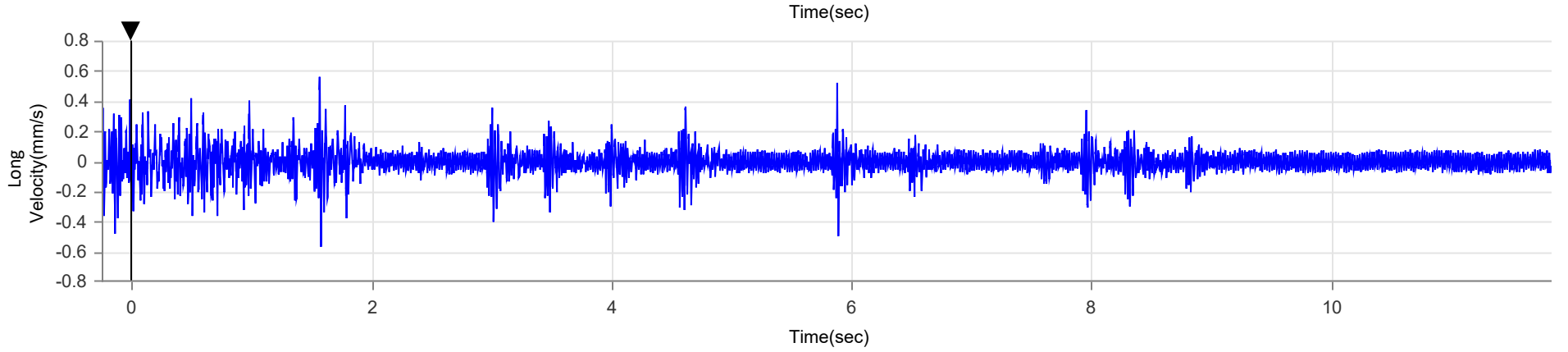
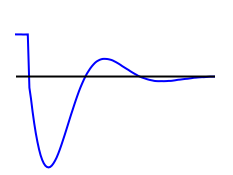




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 10:42:28	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

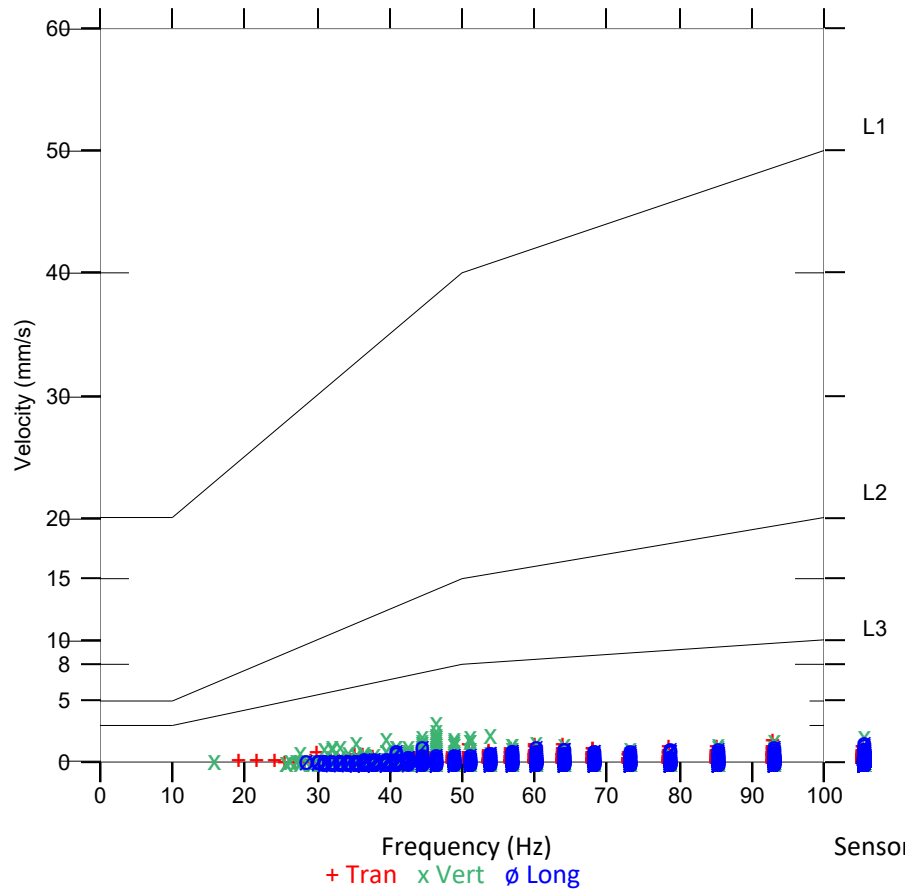
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

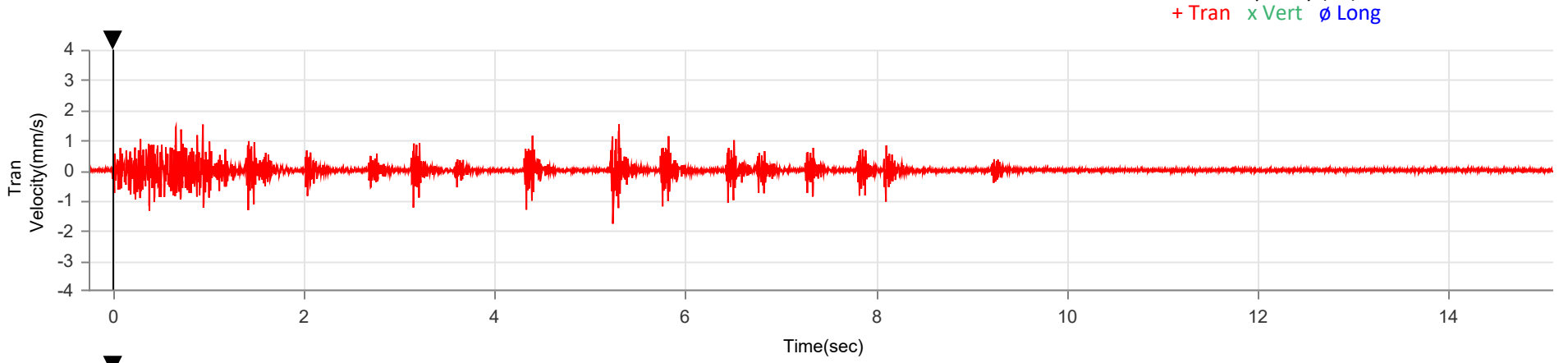
Post Event Notes No text to be displayed.

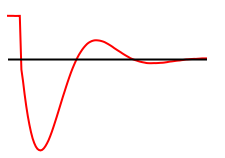
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.766 mm/s	3.271 mm/s	1.624 mm/s
Zero Crossing Frequency	93.1 Hz	46.5 Hz	>100 Hz
Time (Relative to Trigger)	5.243 sec	5.239 sec	5.247 sec
Peak Acceleration	0.127 g	0.199 g	0.140 g
Peak Displacement	0.004 mm	0.008 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	3.645 mm/s at 5.239 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

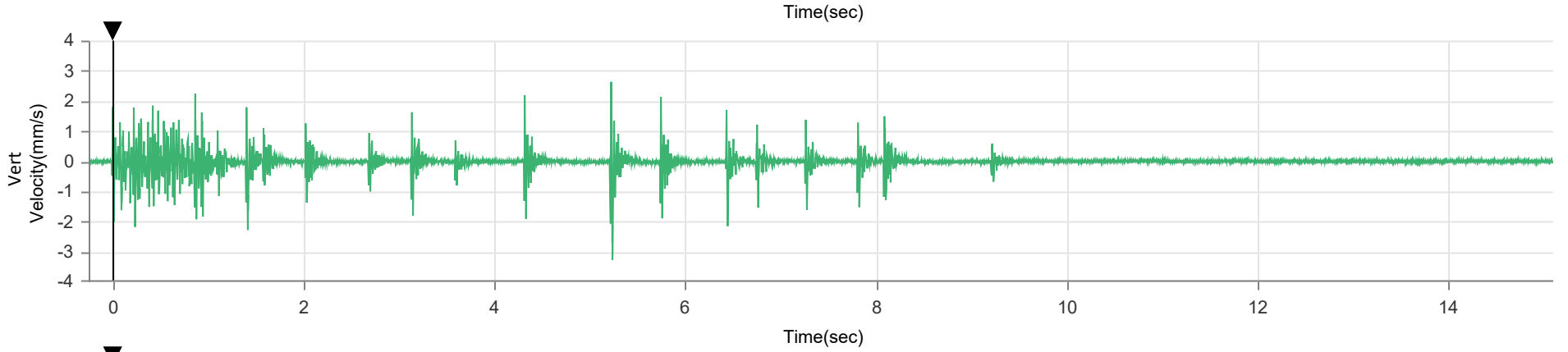


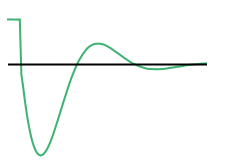
Sensor Check



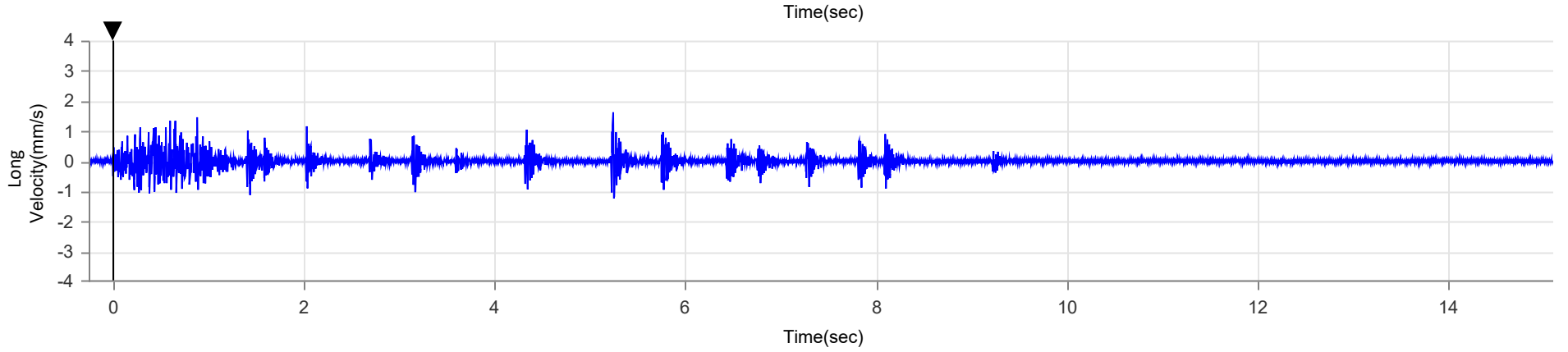


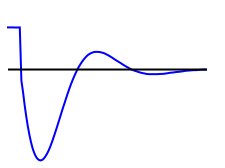
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 11:33:34	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106113334.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

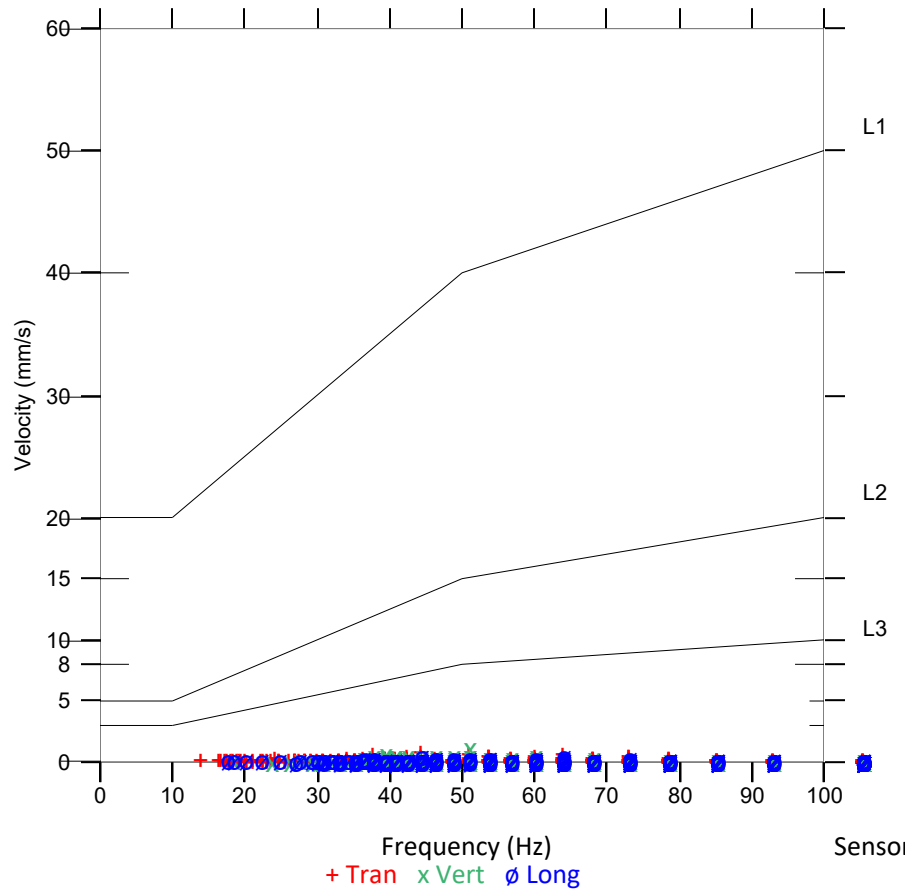
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

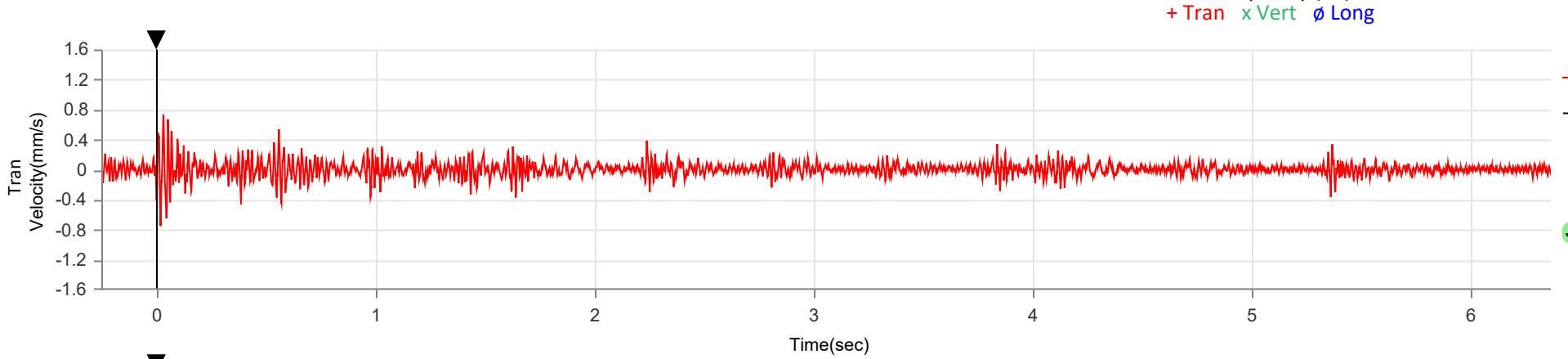
Post Event Notes No text to be displayed.

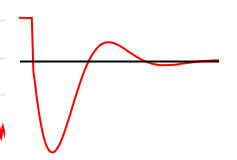
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.749 mm/s	1.088 mm/s	0.512 mm/s
Zero Crossing Frequency	44.5 Hz	51.2 Hz	64.0 Hz
Time (Relative to Trigger)	0.021 sec	0.015 sec	0.054 sec
Peak Acceleration	0.035 g	0.033 g	0.021 g
Peak Displacement	0.002 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	1.218 mm/s at 0.015 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

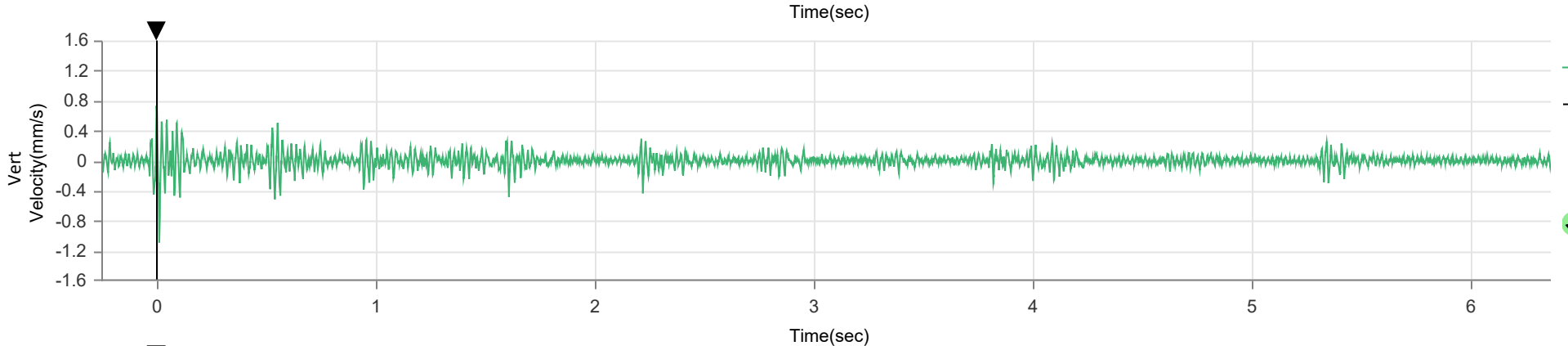


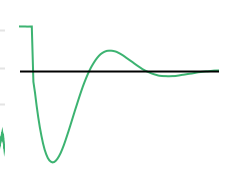
Sensor Check



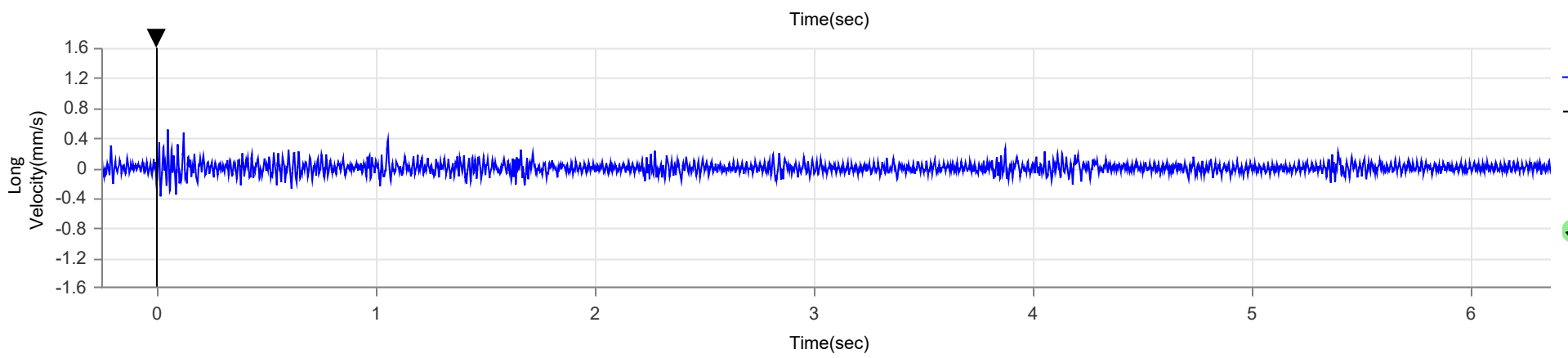


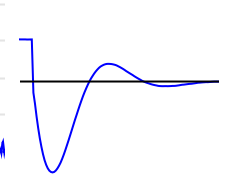
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 11:33:41	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106113341.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

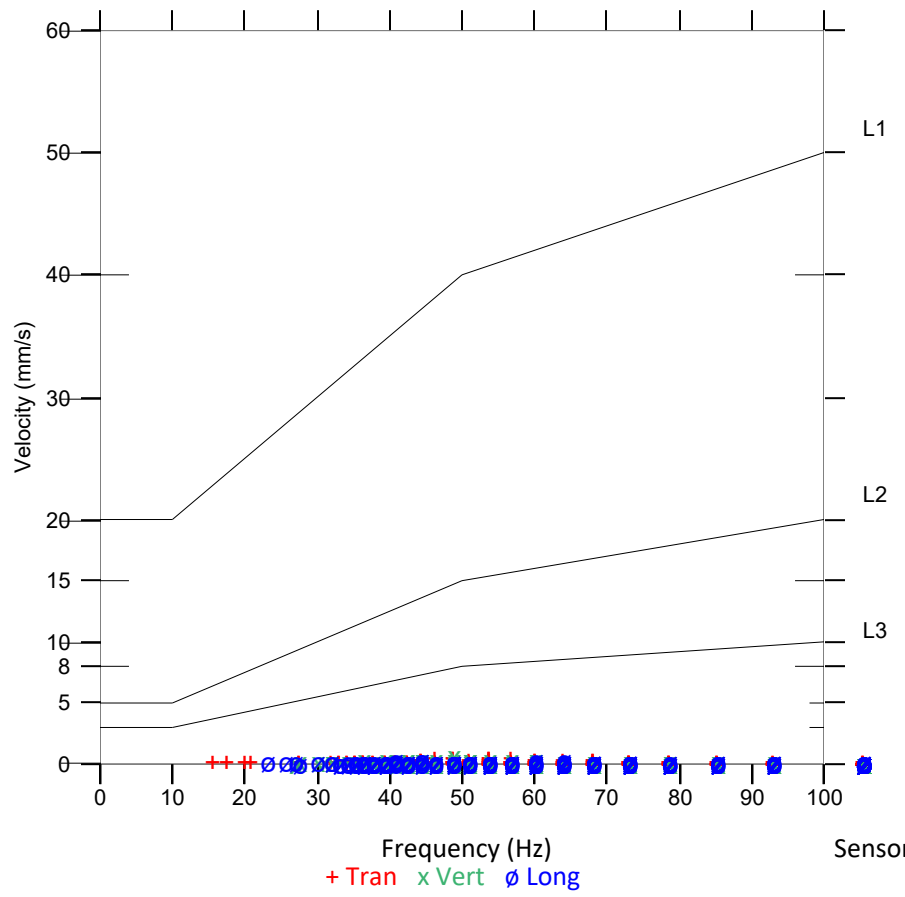
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

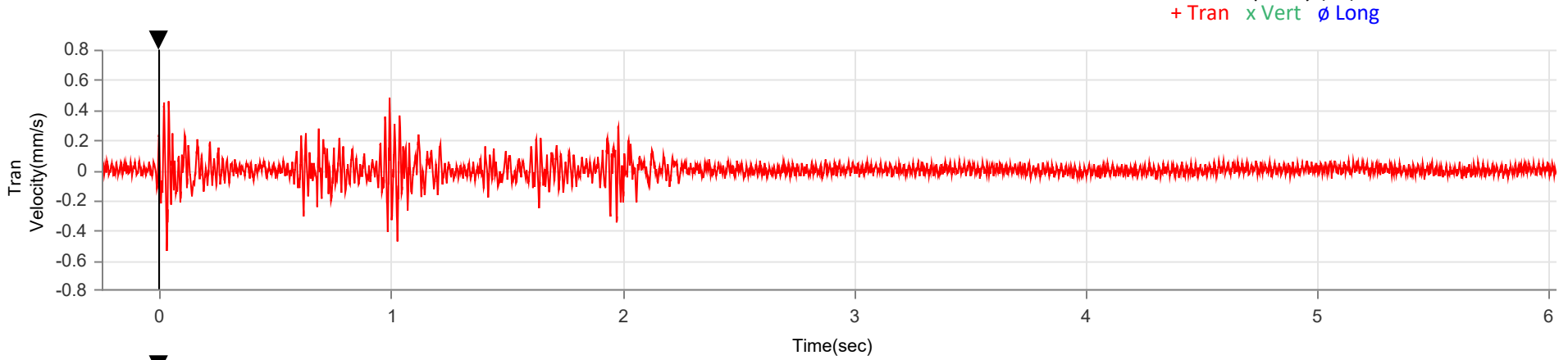
Post Event Notes No text to be displayed.

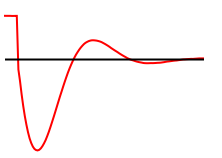
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.536 mm/s	0.631 mm/s	0.331 mm/s
Zero Crossing Frequency	48.8 Hz	48.8 Hz	64.0 Hz
Time (Relative to Trigger)	0.031 sec	0.001 sec	0.993 sec
Peak Acceleration	0.021 g	0.020 g	0.016 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.665 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

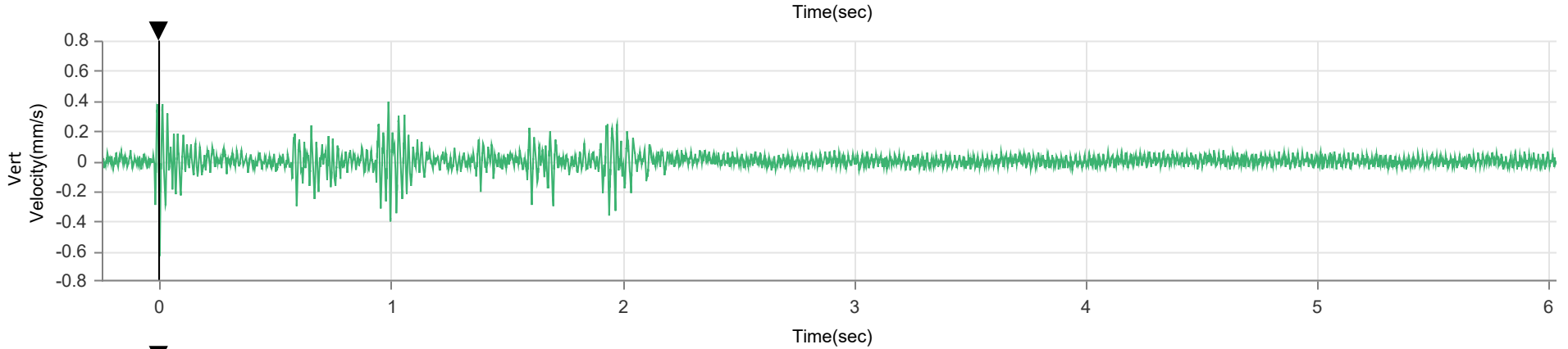


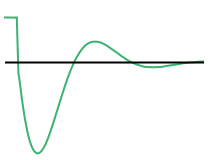
Sensor Check





✓ Passed





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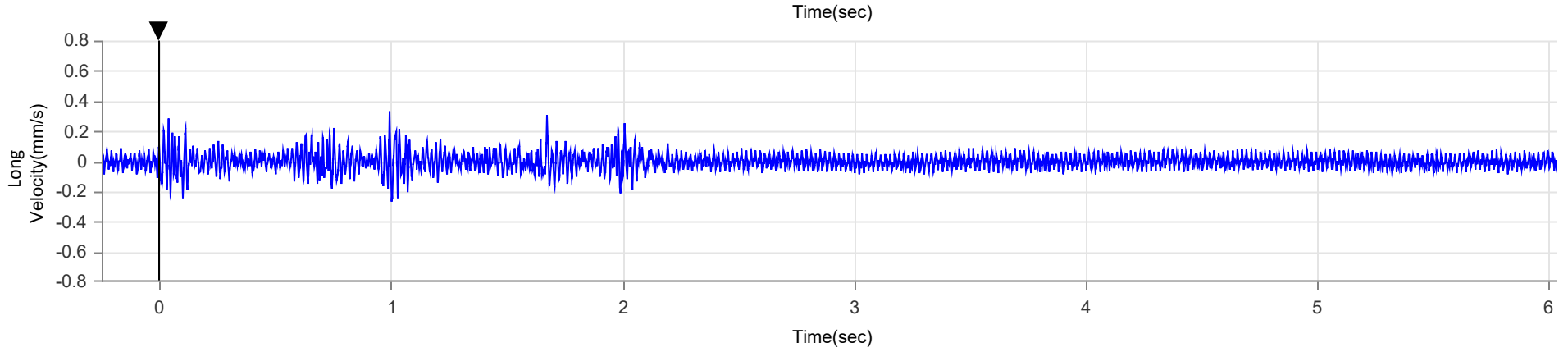

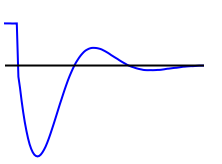

✓ Passed

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Waveform Trigger Source	Tran at November 6, 2022 14:16:31	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106141631.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

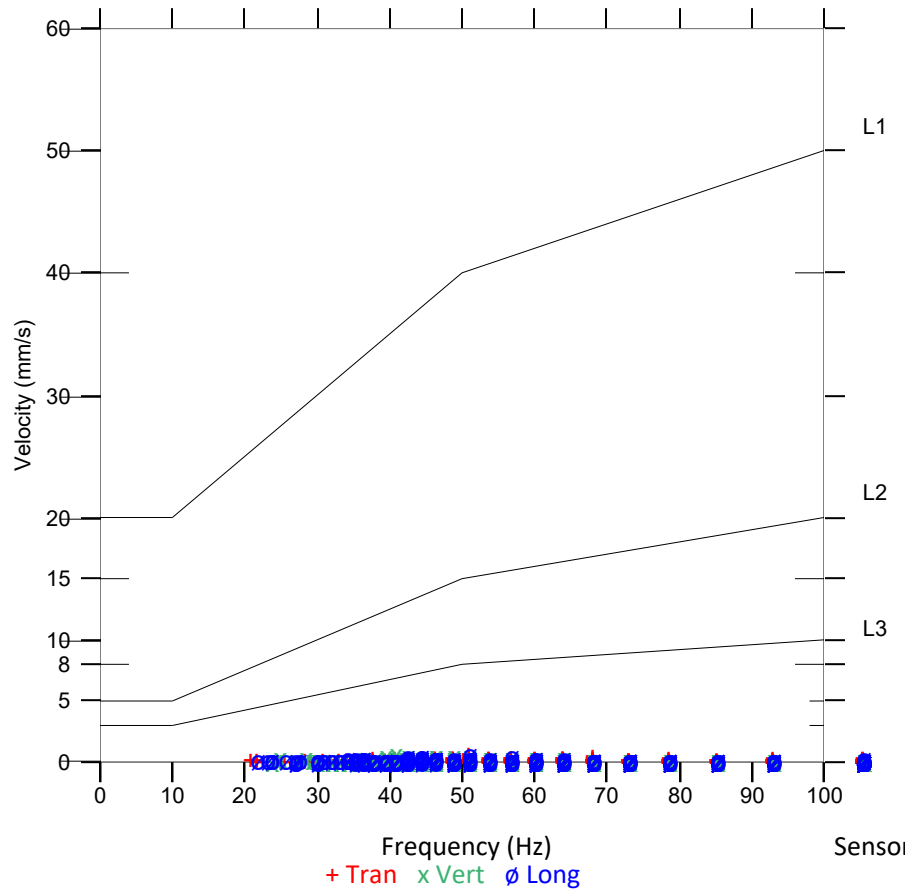
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

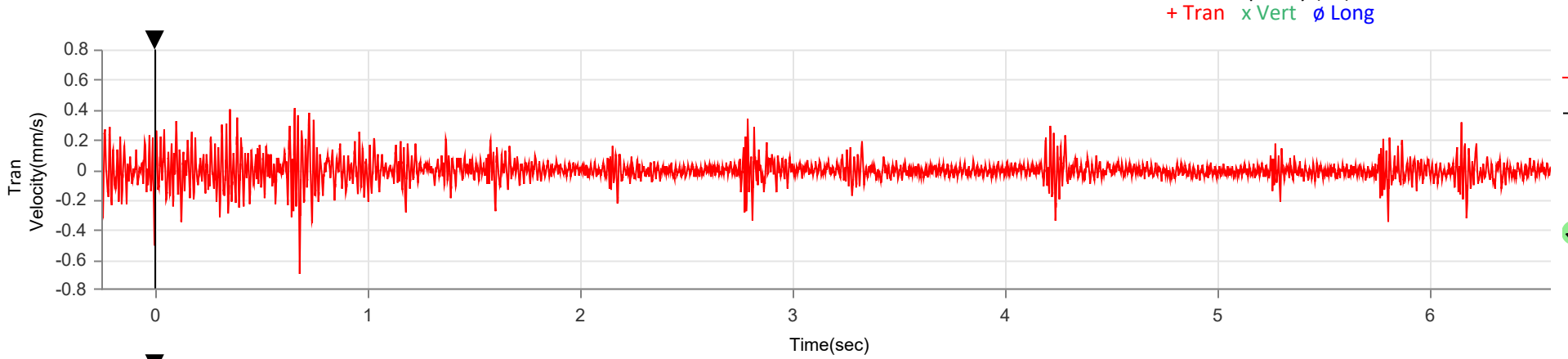
Post Event Notes No text to be displayed.

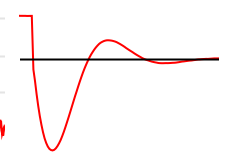
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.694 mm/s	0.575 mm/s	0.638 mm/s
Zero Crossing Frequency	51.2 Hz	41.0 Hz	51.2 Hz
Time (Relative to Trigger)	0.684 sec	0.320 sec	0.685 sec
Peak Acceleration	0.028 g	0.026 g	0.025 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.929 mm/s at 0.685 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

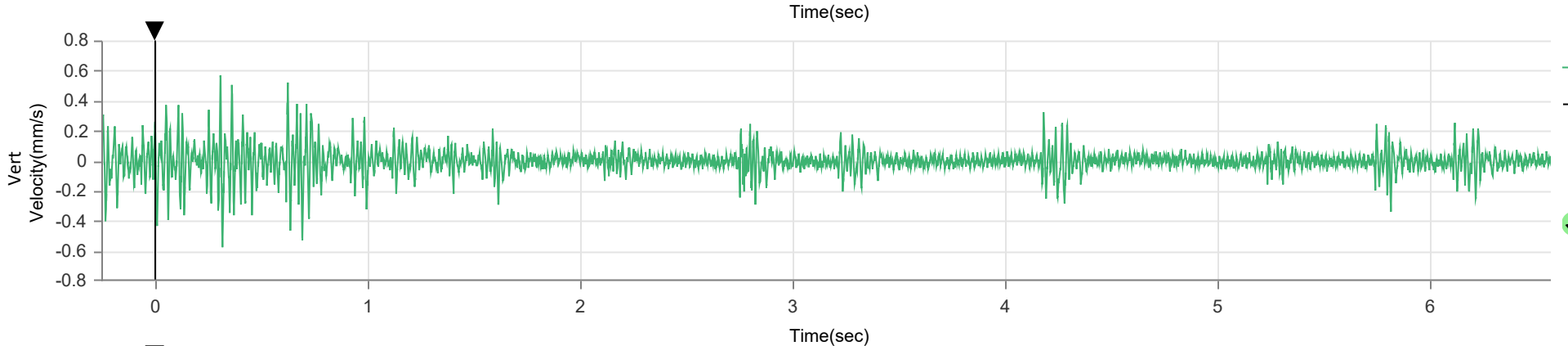


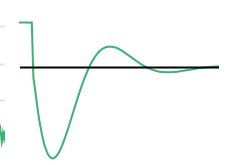
Sensor Check



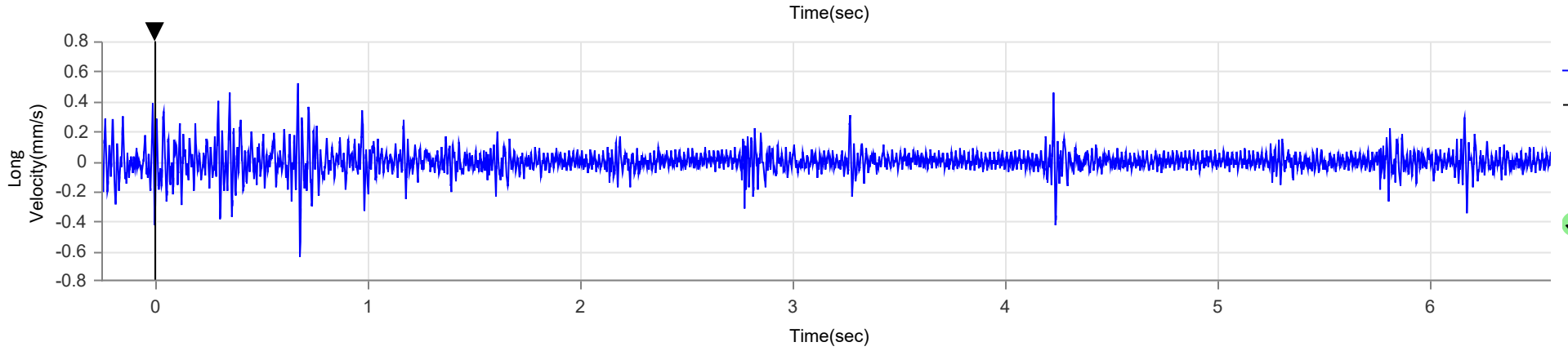


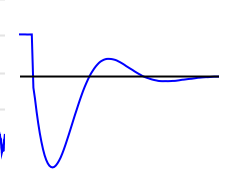
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 6, 2022 14:16:39	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/6.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106141639.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

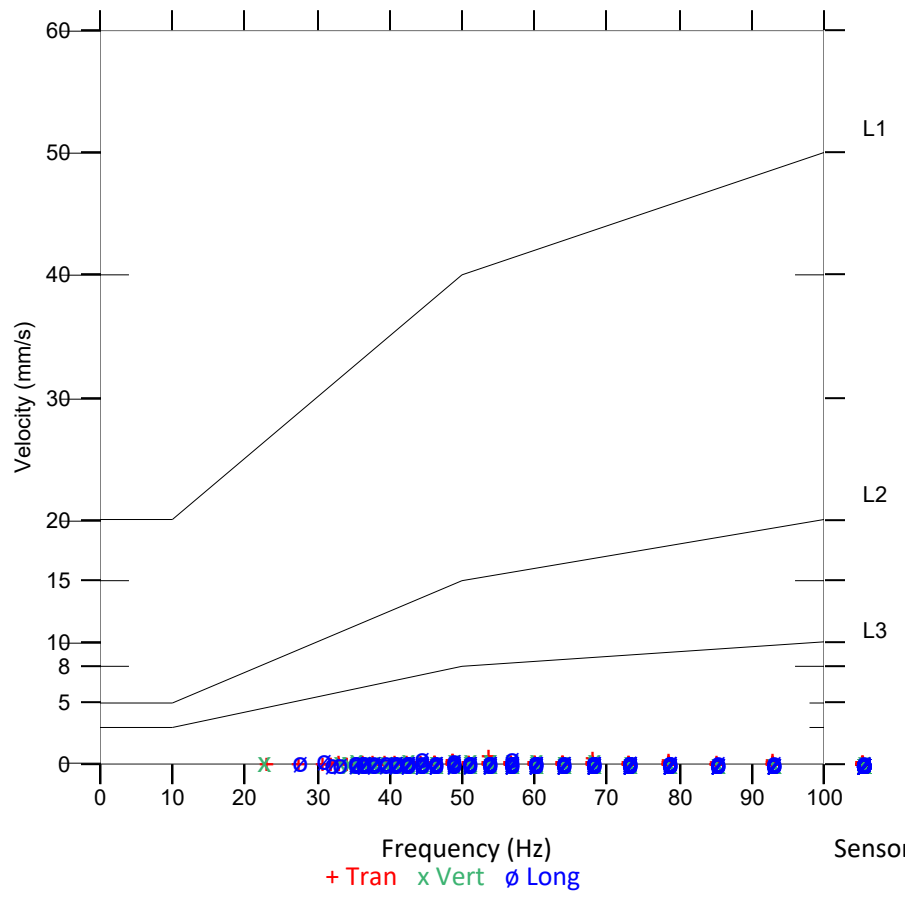
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

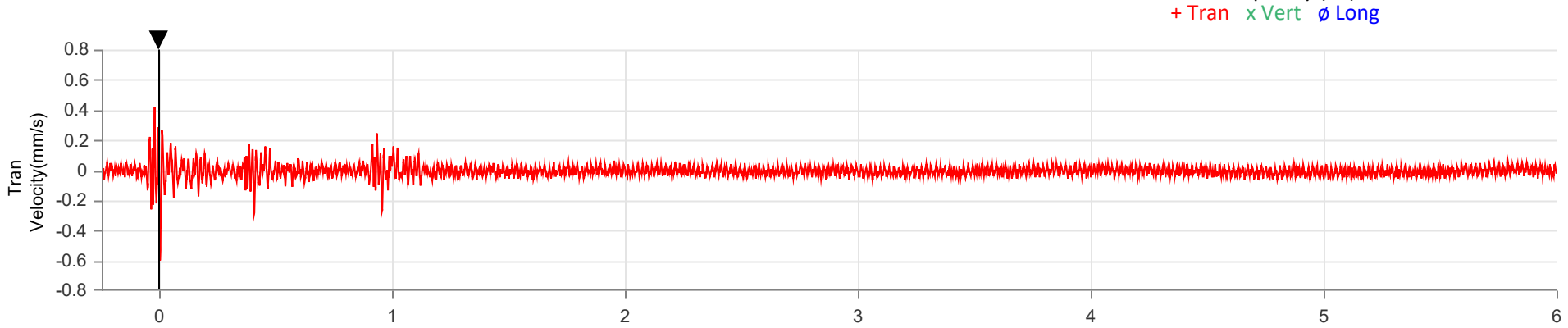
Post Event Notes No text to be displayed.

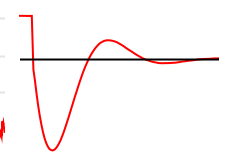
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.599 mm/s	0.402 mm/s	0.520 mm/s
Zero Crossing Frequency	53.9 Hz	42.7 Hz	56.9 Hz
Time (Relative to Trigger)	0.001 sec	0.015 sec	0.002 sec
Peak Acceleration	0.021 g	0.020 g	0.018 g
Peak Displacement	0.002 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	0.782 mm/s at 0.002 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

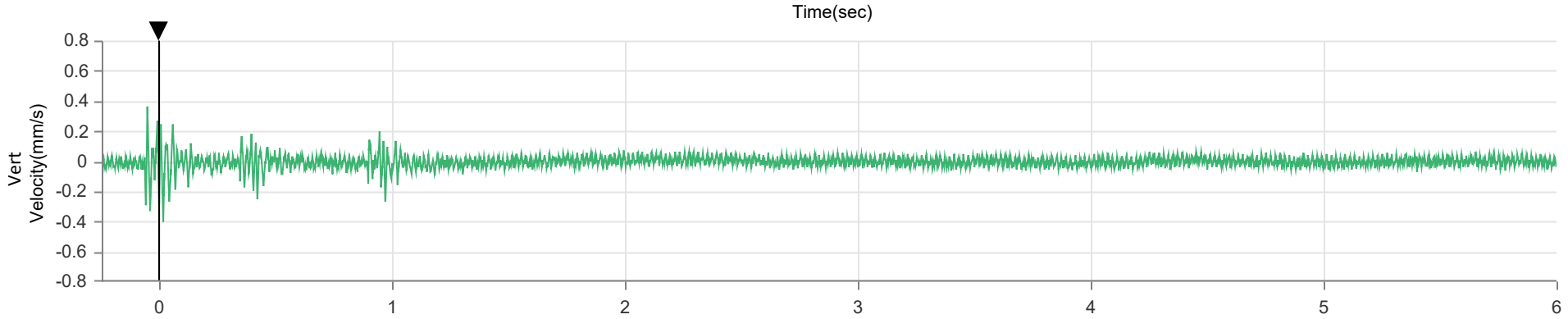


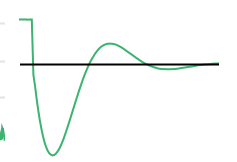
Sensor Check





✓ Passed





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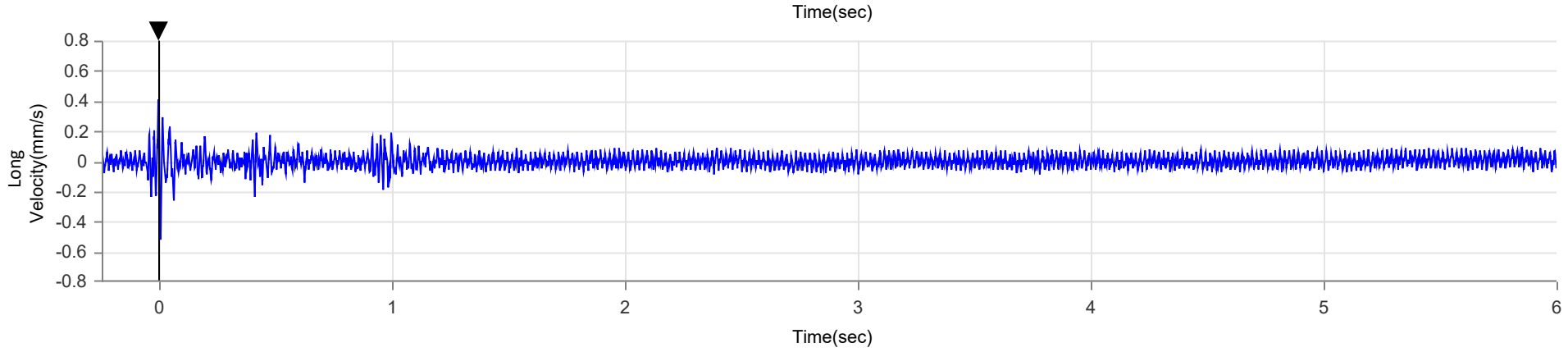

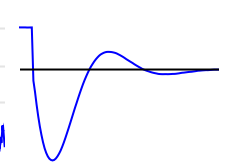

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 19:16:24	**Serial Number**	UM20788
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20788_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

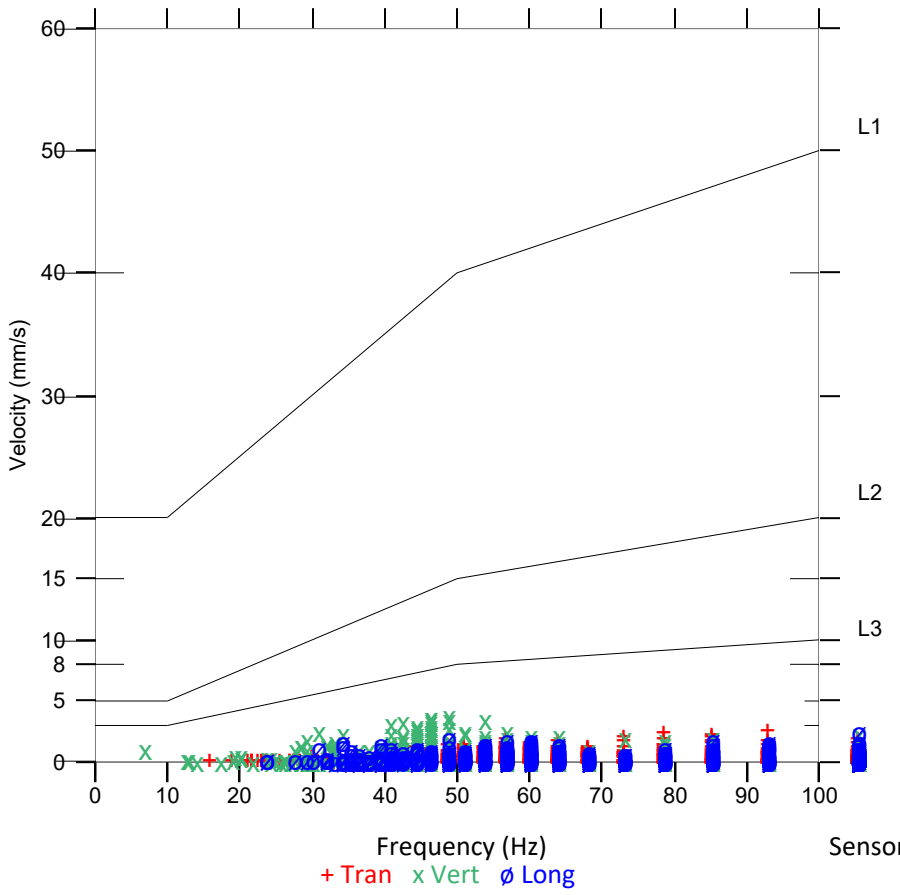
Notes

Location	MM-15, Plavje 46
Client	
Company	
General Notes	

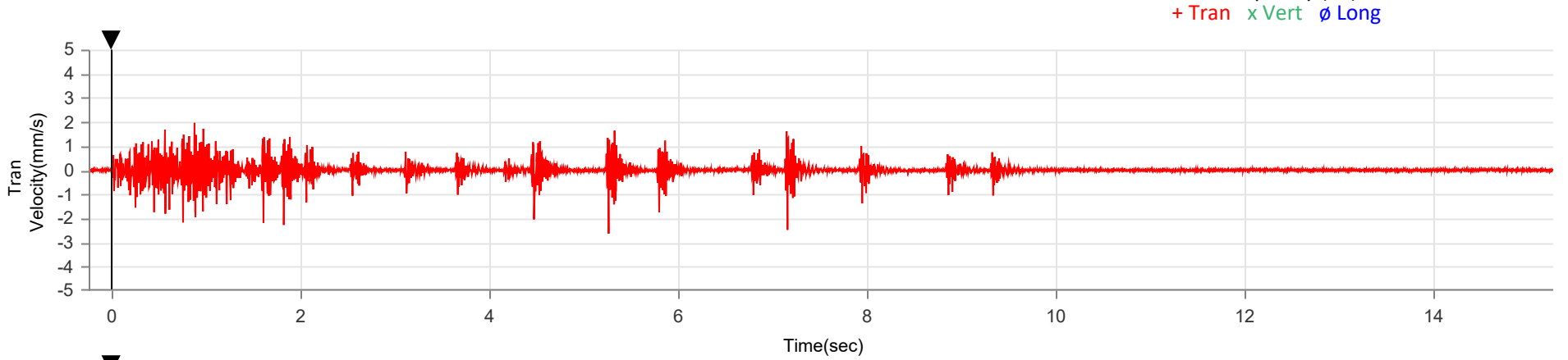
Post Event Notes No text to be displayed.

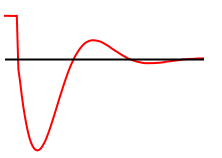
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.633 mm/s	3.807 mm/s	2.514 mm/s
Zero Crossing Frequency	93.1 Hz	48.8 Hz	>100 Hz
Time (Relative to Trigger)	5.259 sec	7.148 sec	0.965 sec
Peak Acceleration	0.160 g	0.260 g	0.193 g
Peak Displacement	0.005 mm	0.011 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	5.1
Peak Vector Sum	4.326 mm/s at 7.148 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

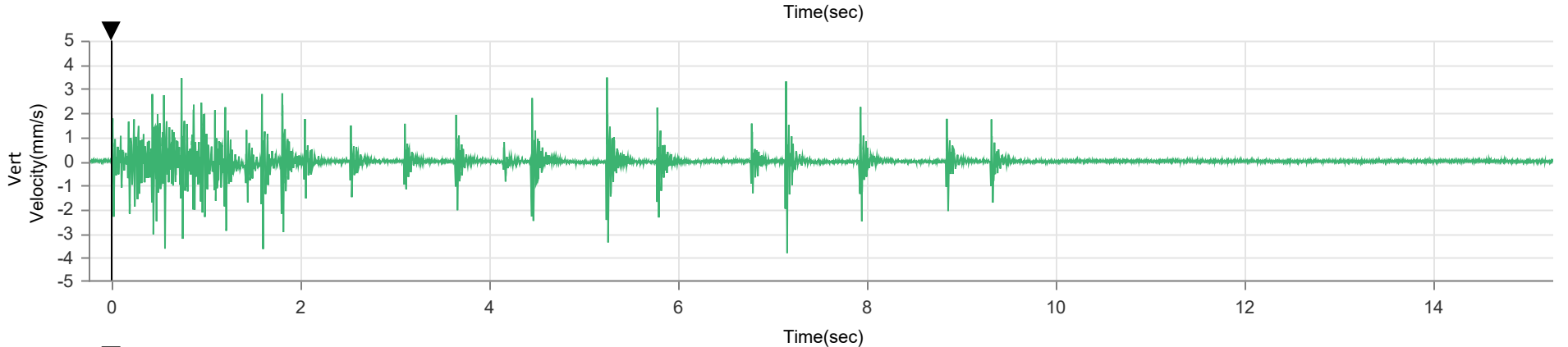


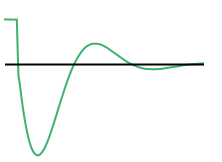
Sensor Check





✓ Passed





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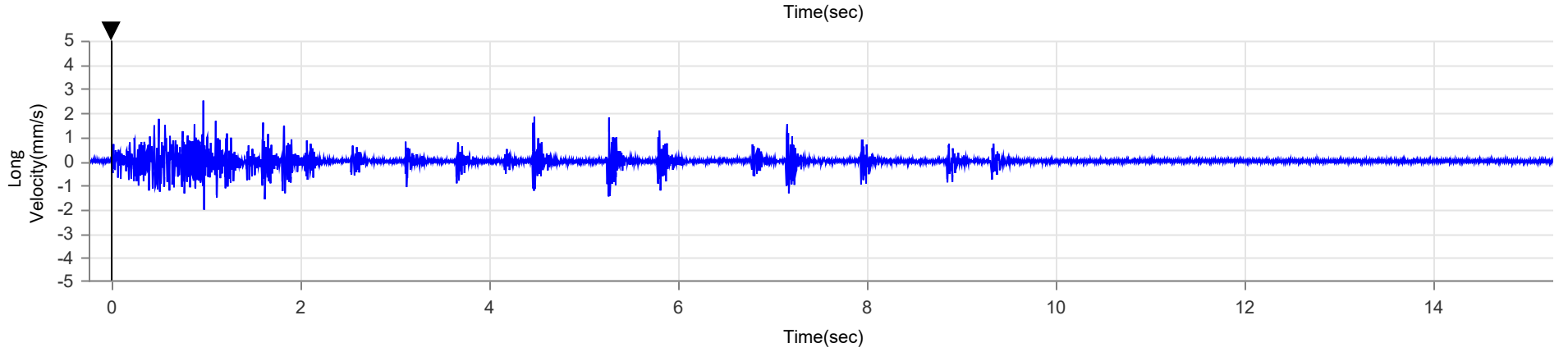

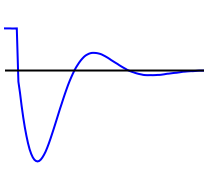

✓ Passed

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PRILOGA 1.5:
Rezultati meritev

- MM-16 (Plavje 47a) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:27	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/12.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221101125727.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

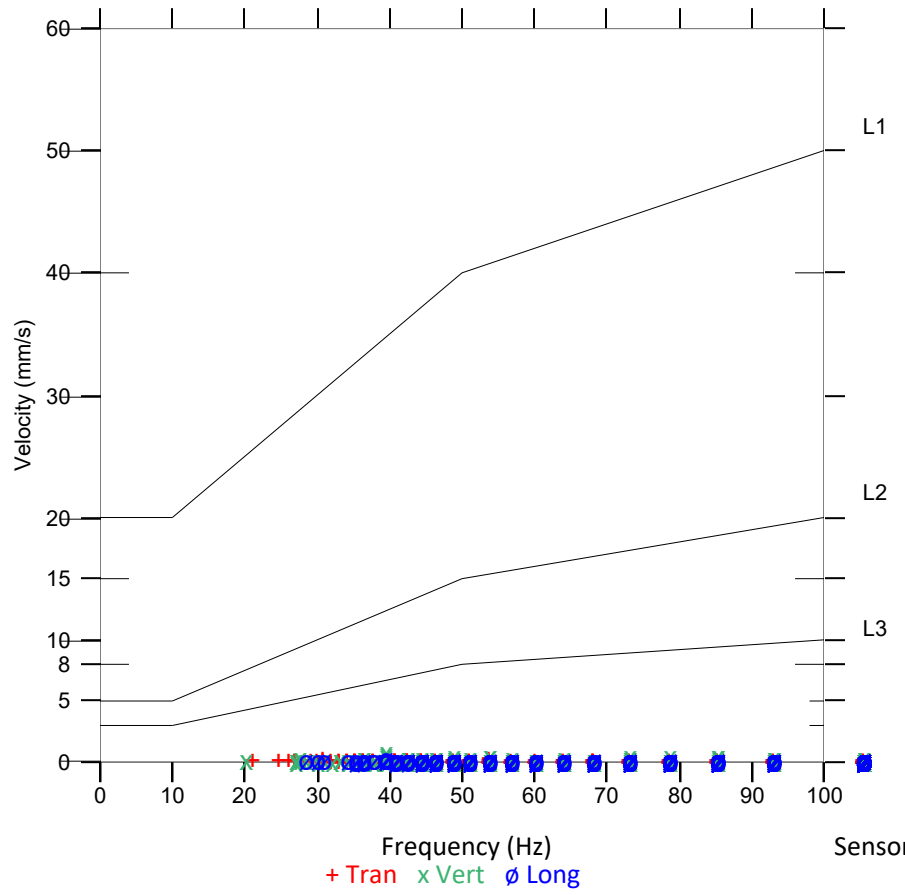
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

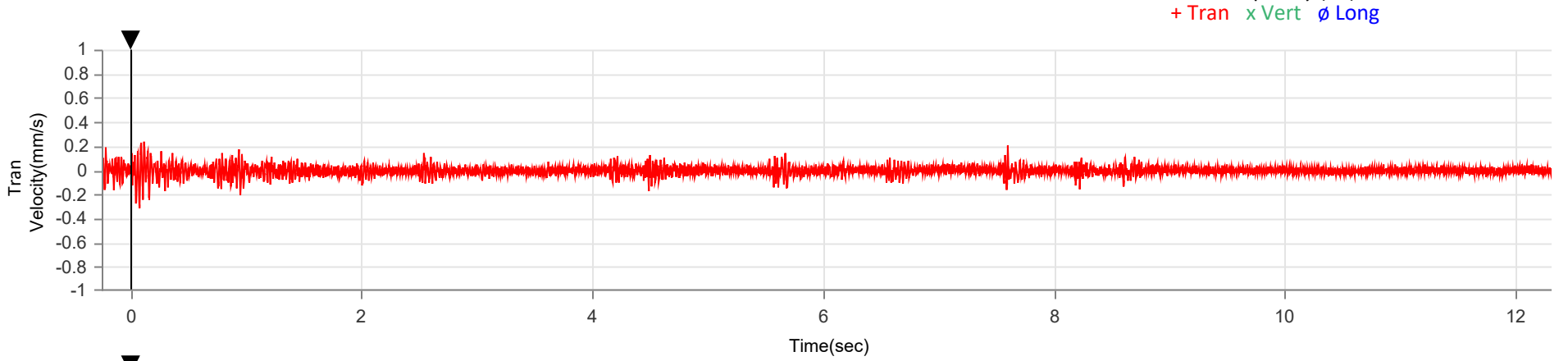
Post Event Notes No text to be displayed.

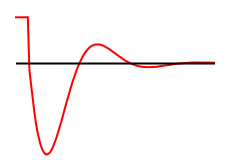
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.315 mm/s	0.780 mm/s	0.300 mm/s
Zero Crossing Frequency	32.0 Hz	37.9 Hz	39.4 Hz
Time (Relative to Trigger)	0.080 sec	0.005 sec	0.142 sec
Peak Acceleration	0.012 g	0.043 g	0.018 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.793 mm/s at 0.005 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

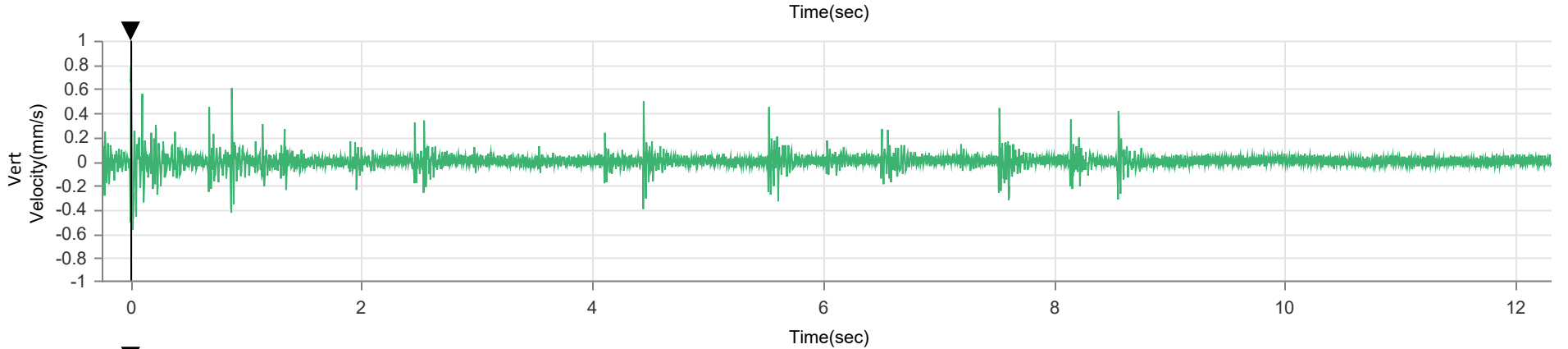


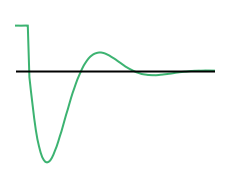
Sensor Check





✓ Passed





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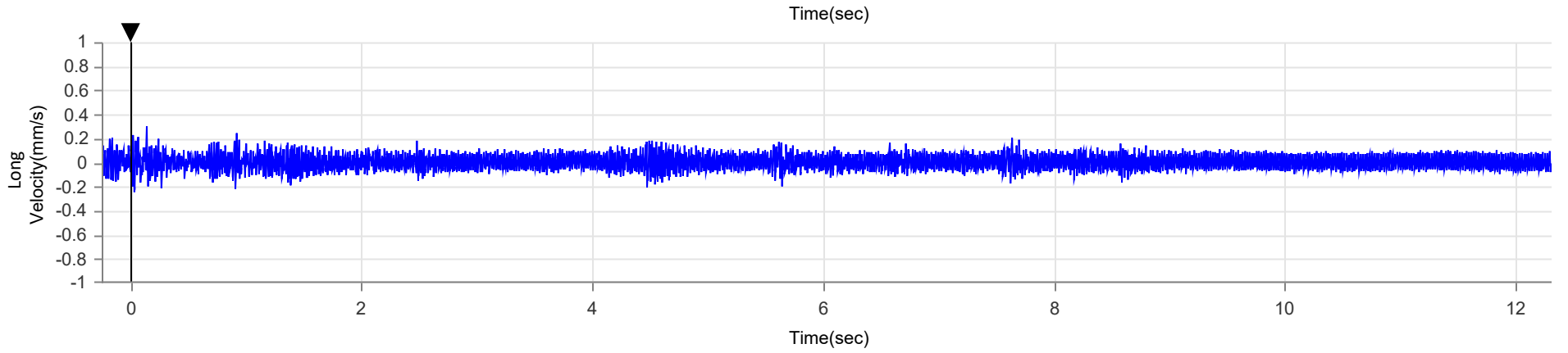

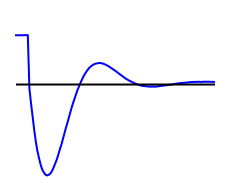

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 13:00:06	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221101130006.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

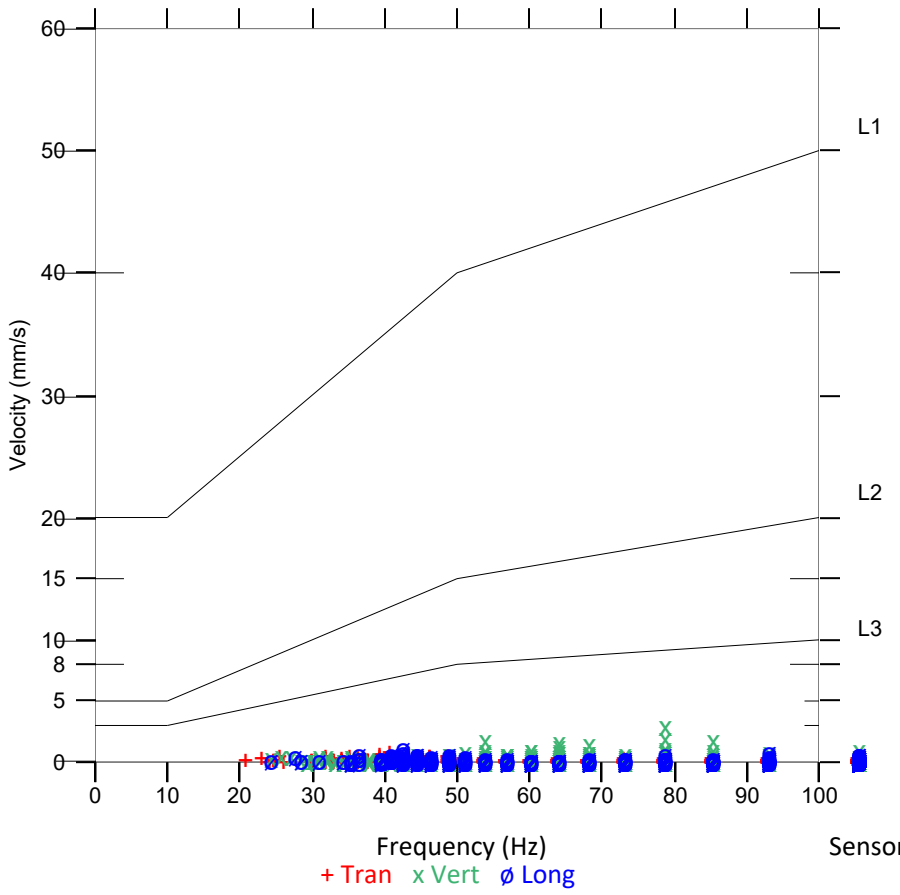
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

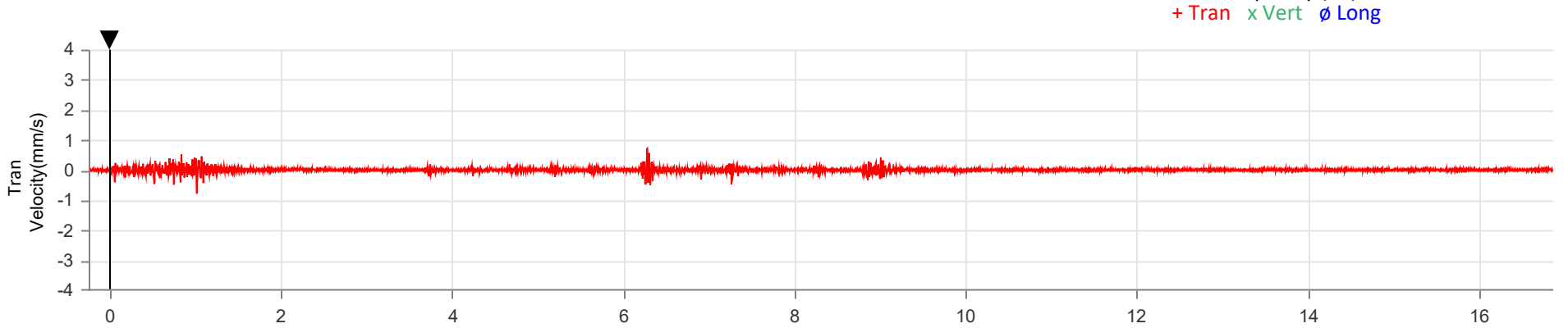
Post Event Notes No text to be displayed.

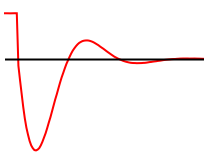
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.780 mm/s	3.003 mm/s	1.135 mm/s
Zero Crossing Frequency	41.0 Hz	78.8 Hz	42.7 Hz
Time (Relative to Trigger)	1.015 sec	6.216 sec	1.003 sec
Peak Acceleration	0.033 g	0.168 g	0.061 g
Peak Displacement	0.003 mm	0.006 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	3.032 mm/s at 6.216 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

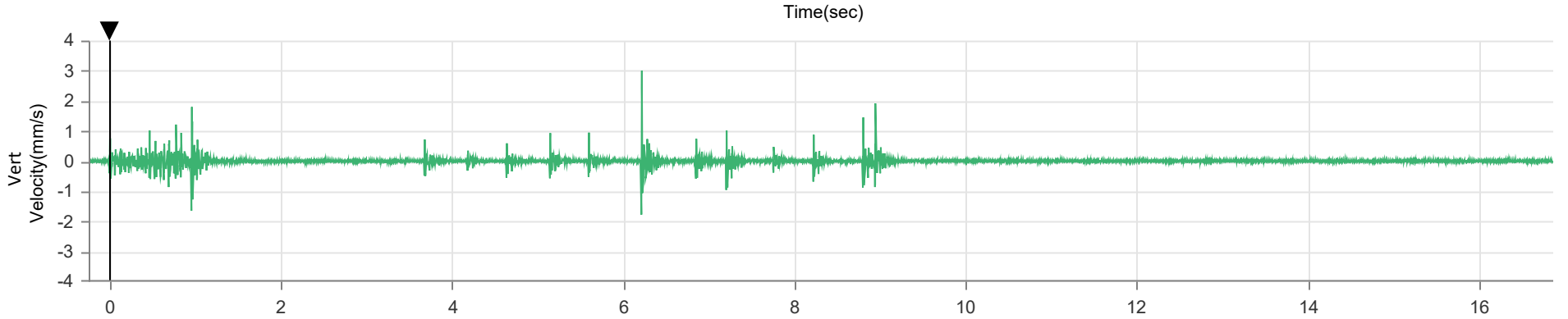


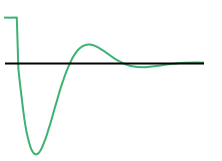
Sensor Check





✓ Passed





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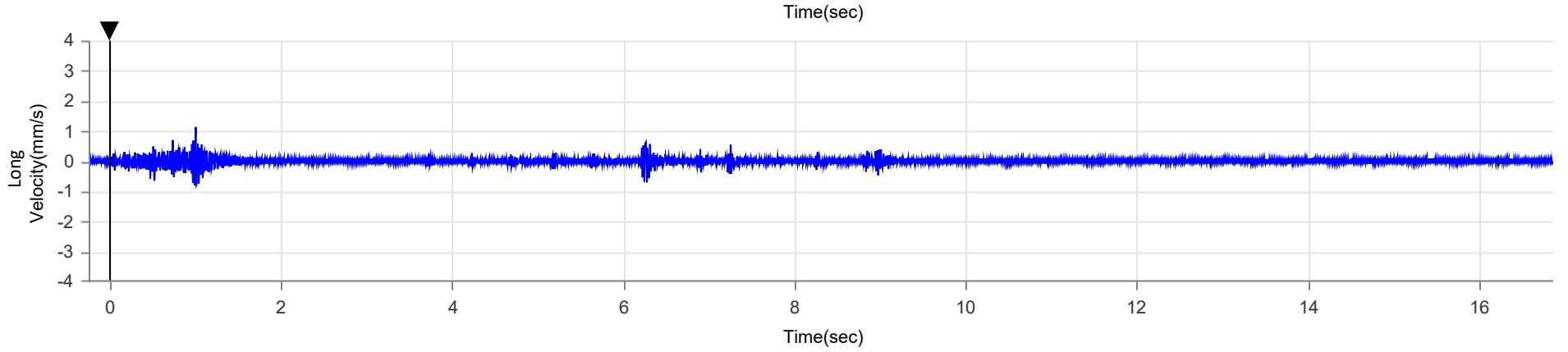

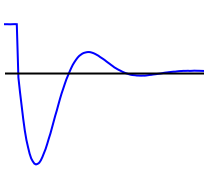

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:10	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221101151910.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

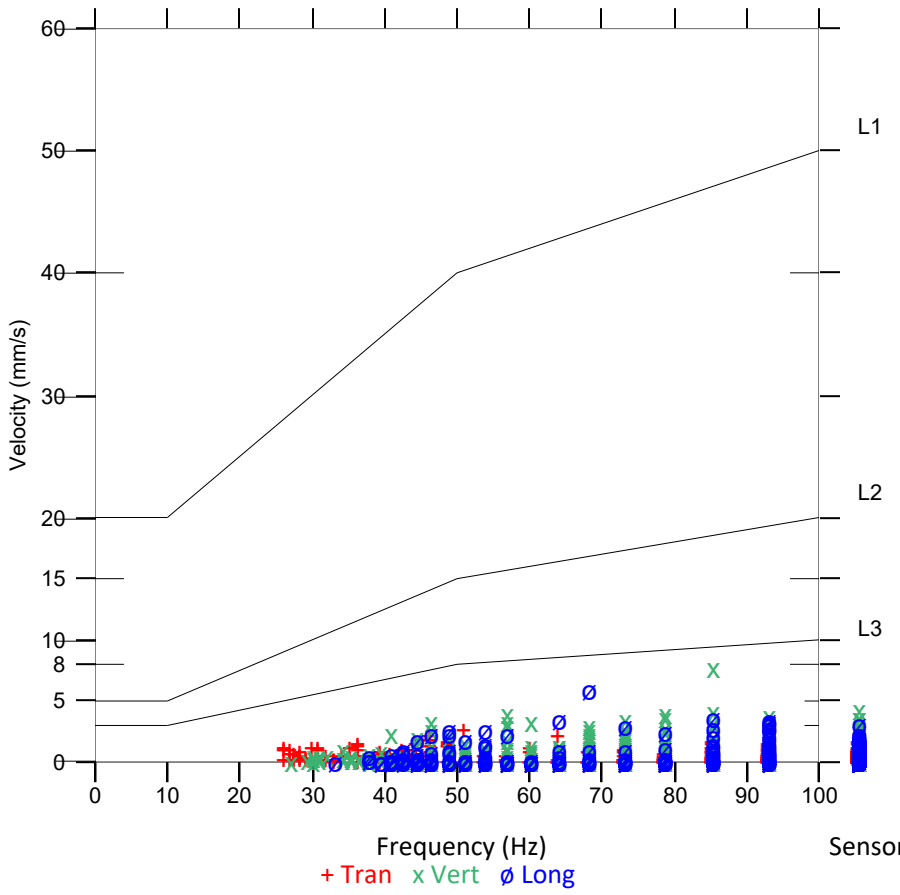
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

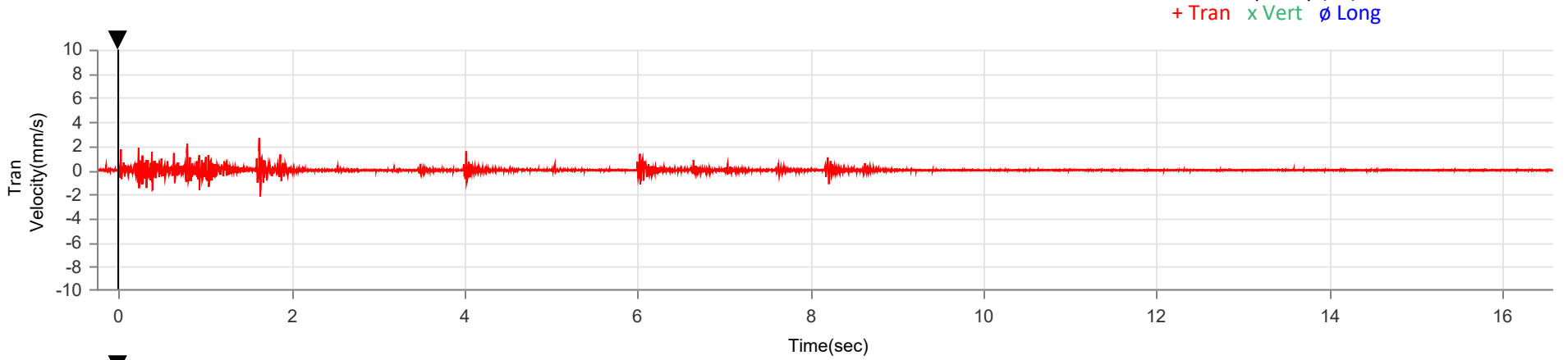
Post Event Notes No text to be displayed.

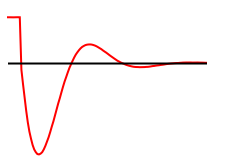
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.656 mm/s	7.645 mm/s	5.951 mm/s
Zero Crossing Frequency	51.2 Hz	85.3 Hz	68.3 Hz
Time (Relative to Trigger)	1.629 sec	1.603 sec	1.635 sec
Peak Acceleration	0.110 g	0.413 g	0.283 g
Peak Displacement	0.007 mm	0.015 mm	0.013 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	7.776 mm/s at 1.603 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

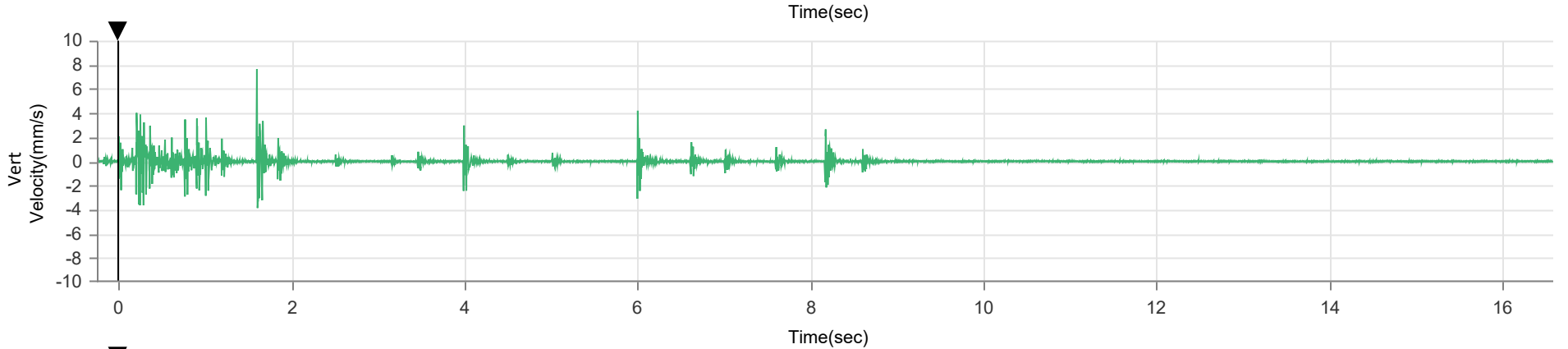


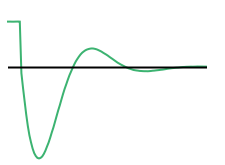
Sensor Check





✓ Passed





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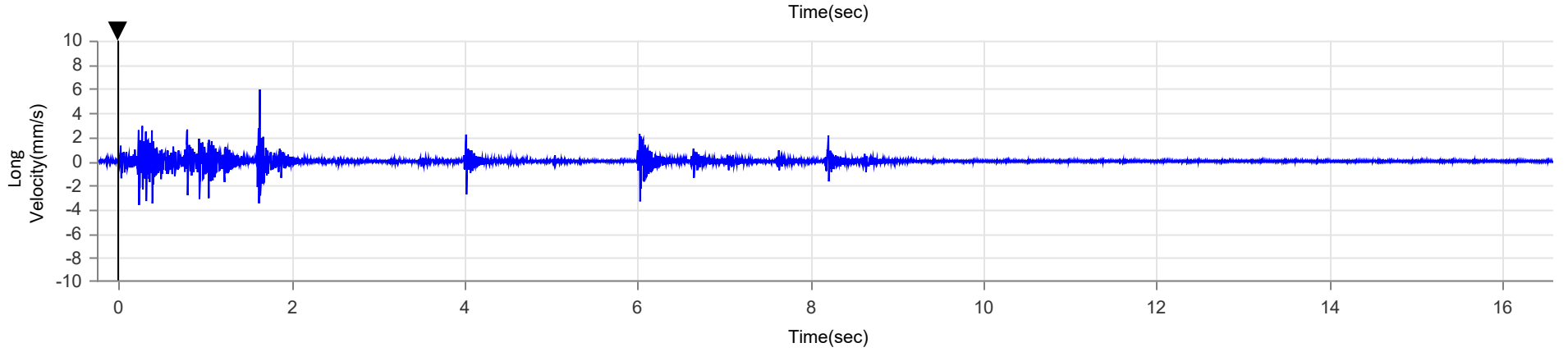

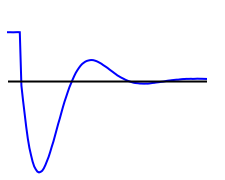

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 10:17:39	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221102101739.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

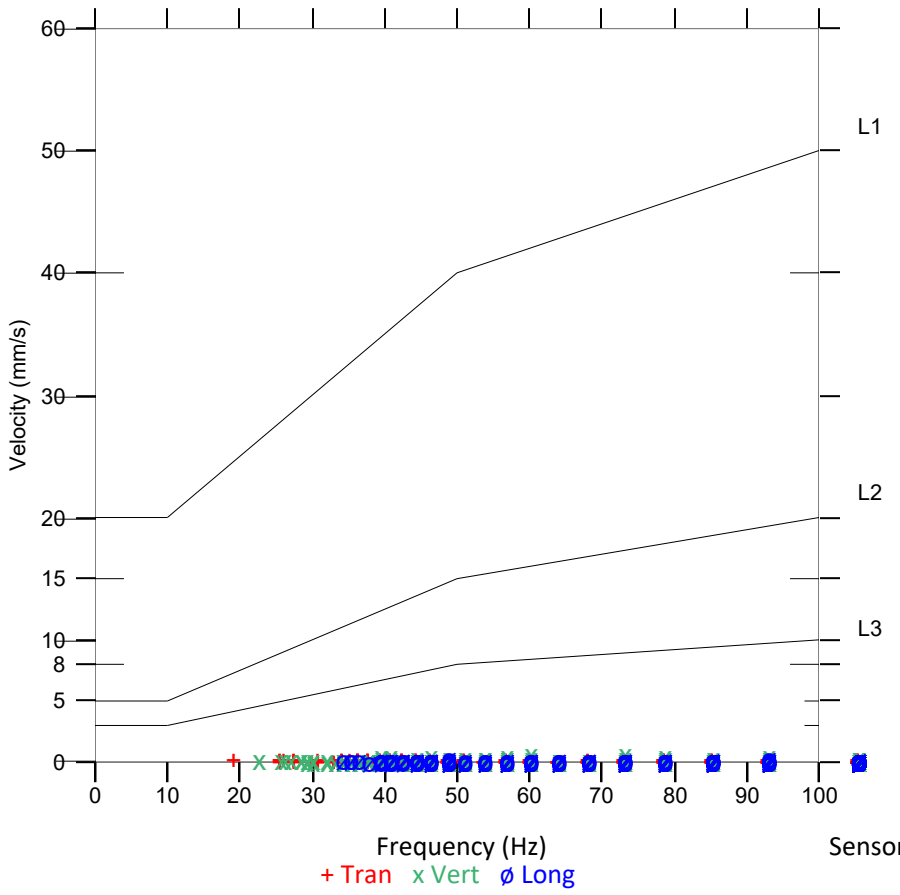
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

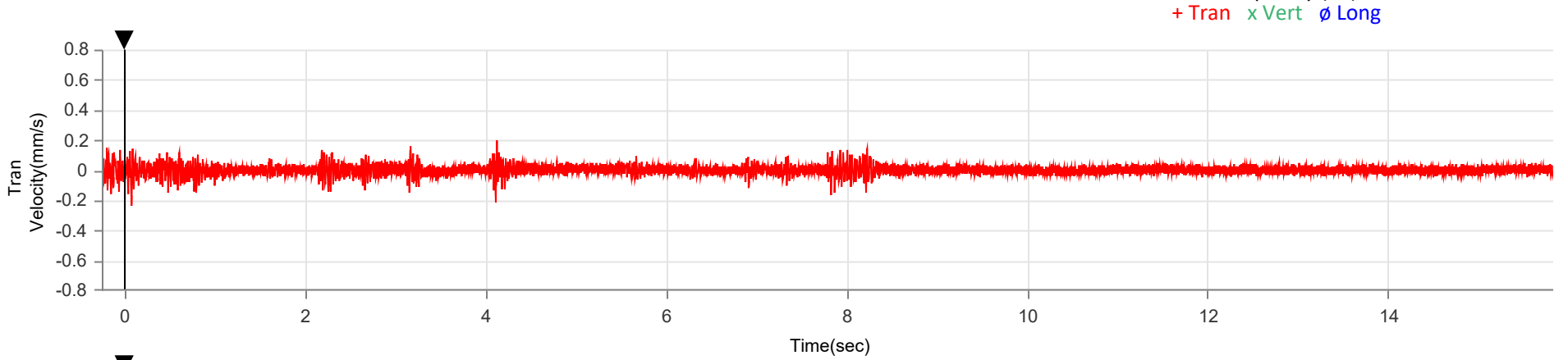
Post Event Notes No text to be displayed.

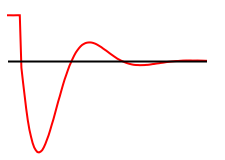
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.236 mm/s	0.638 mm/s	0.260 mm/s
Zero Crossing Frequency	37.9 Hz	78.8 Hz	93.1 Hz
Time (Relative to Trigger)	0.082 sec	4.049 sec	4.090 sec
Peak Acceleration	0.013 g	0.041 g	0.020 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.648 mm/s at 4.049 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

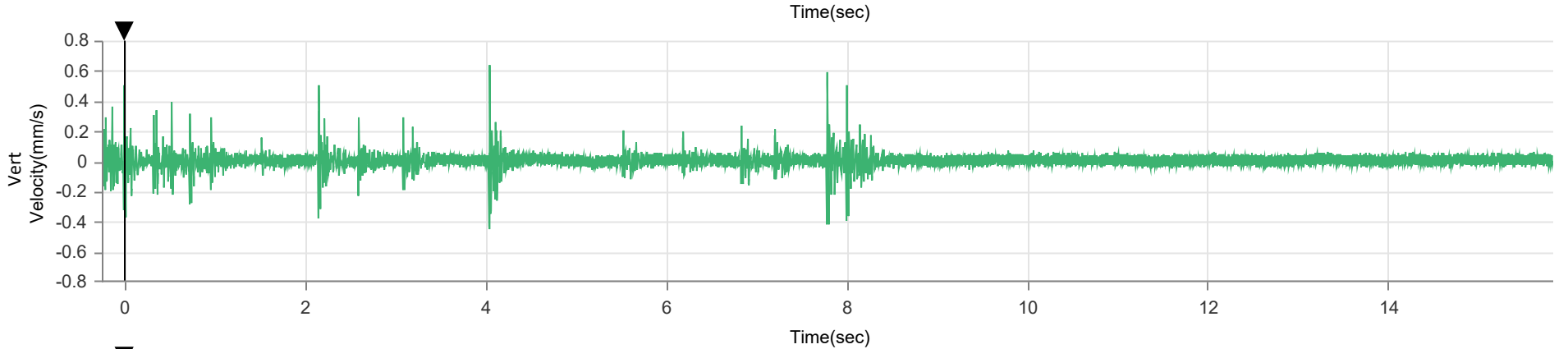


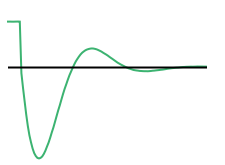
Sensor Check





✓ Passed





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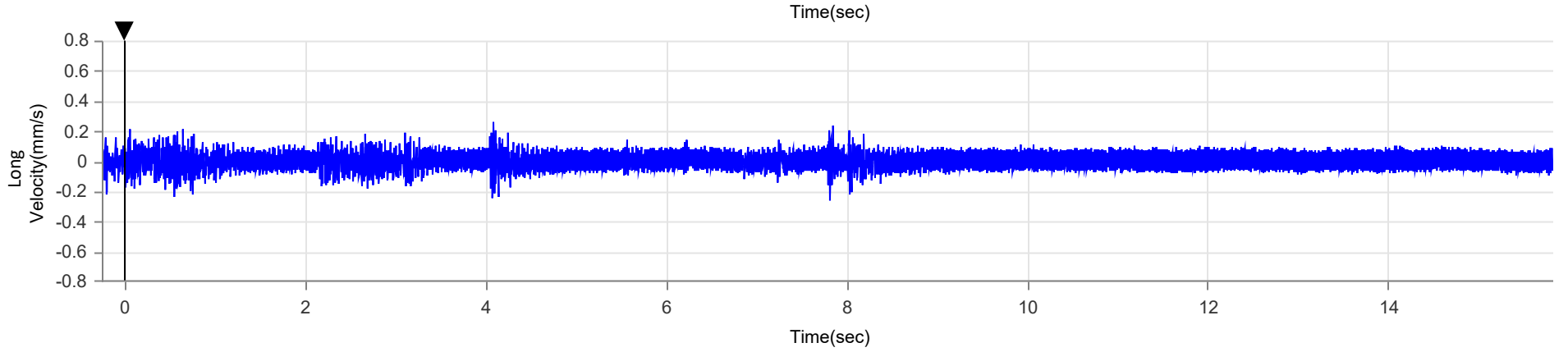
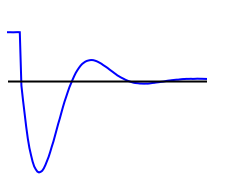




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 11:24:53	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221102112453.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

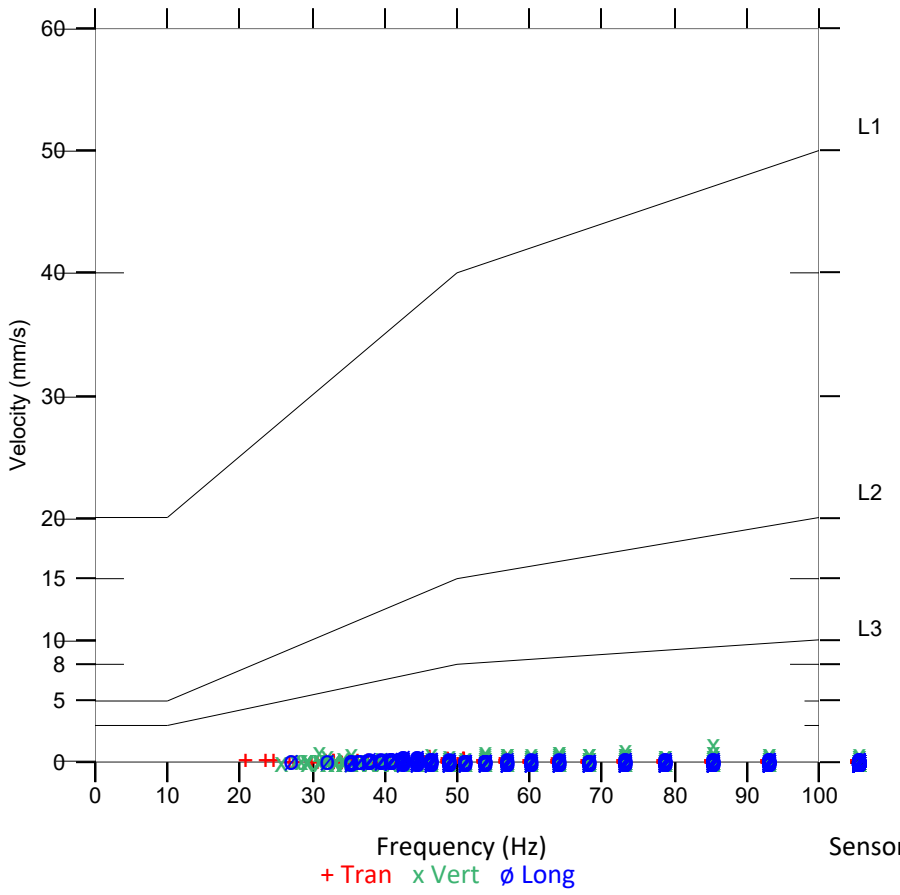
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

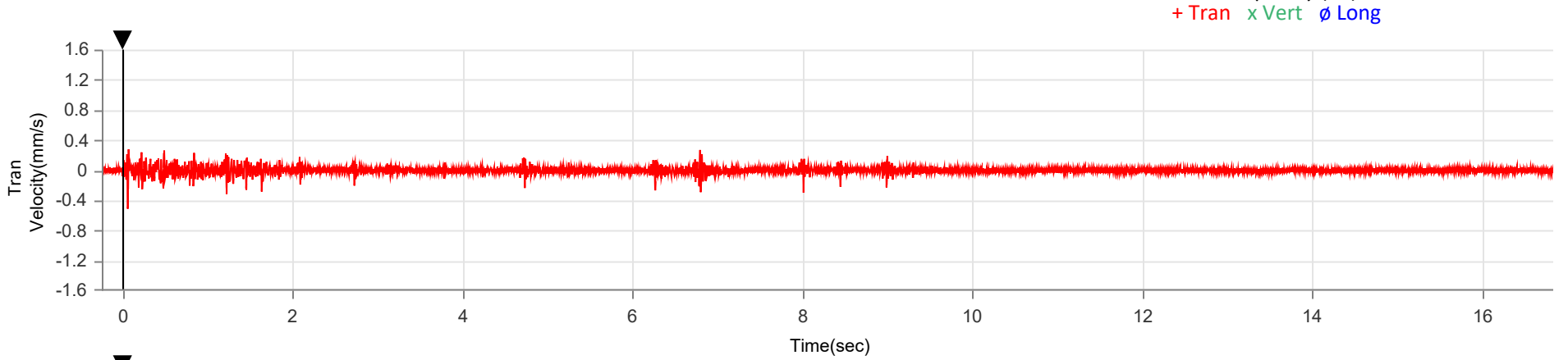
Post Event Notes No text to be displayed.

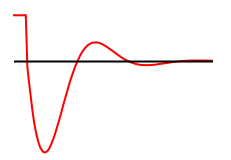
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.512 mm/s	1.419 mm/s	0.489 mm/s
Zero Crossing Frequency	46.5 Hz	85.3 Hz	42.7 Hz
Time (Relative to Trigger)	0.057 sec	6.731 sec	1.210 sec
Peak Acceleration	0.018 g	0.077 g	0.033 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	1.429 mm/s at 6.731 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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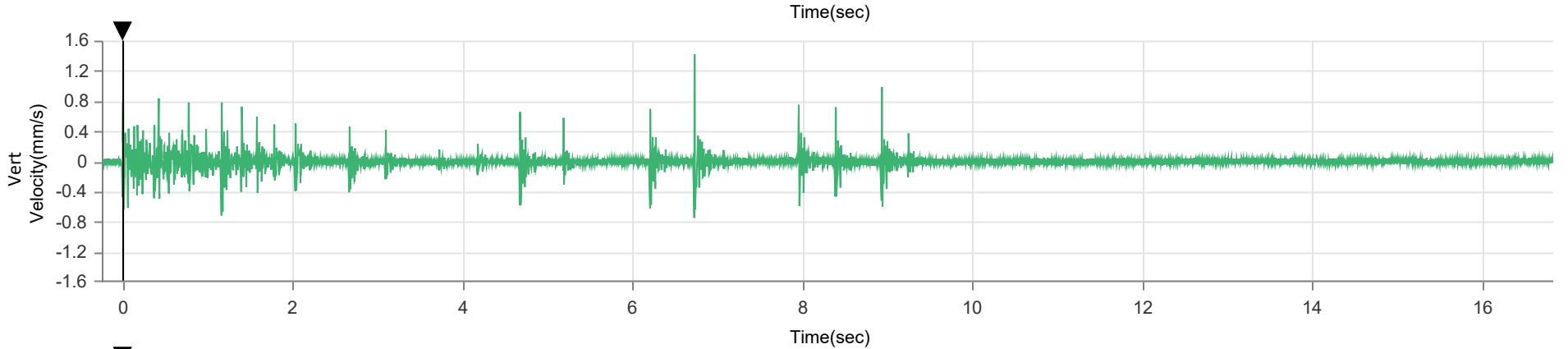

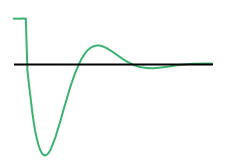

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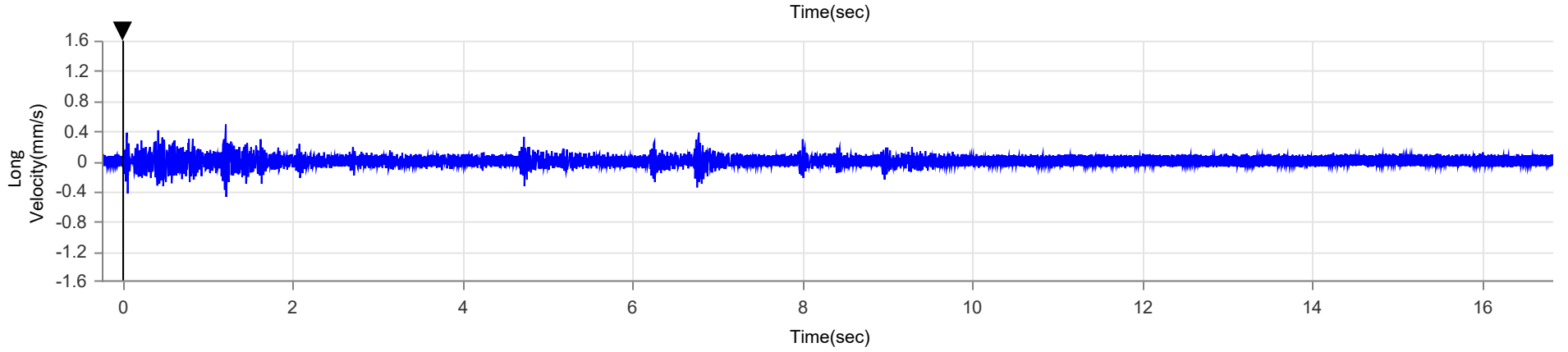
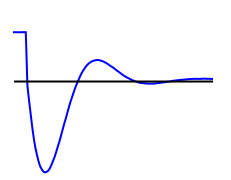




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:26	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221102141126.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

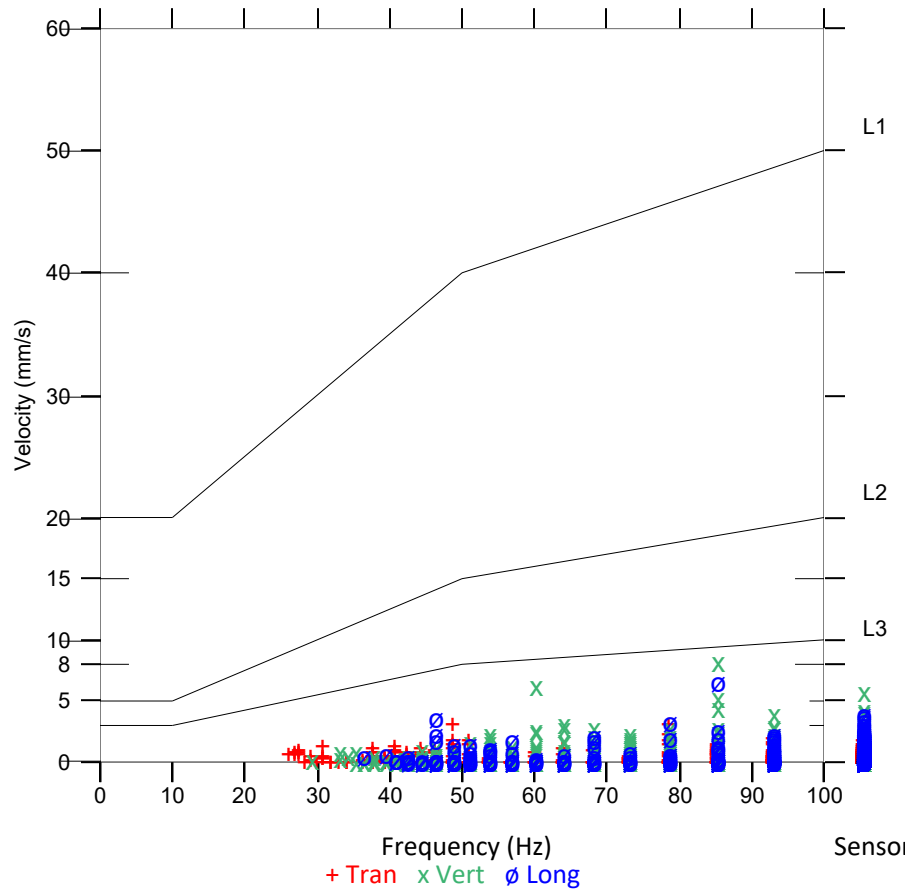
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

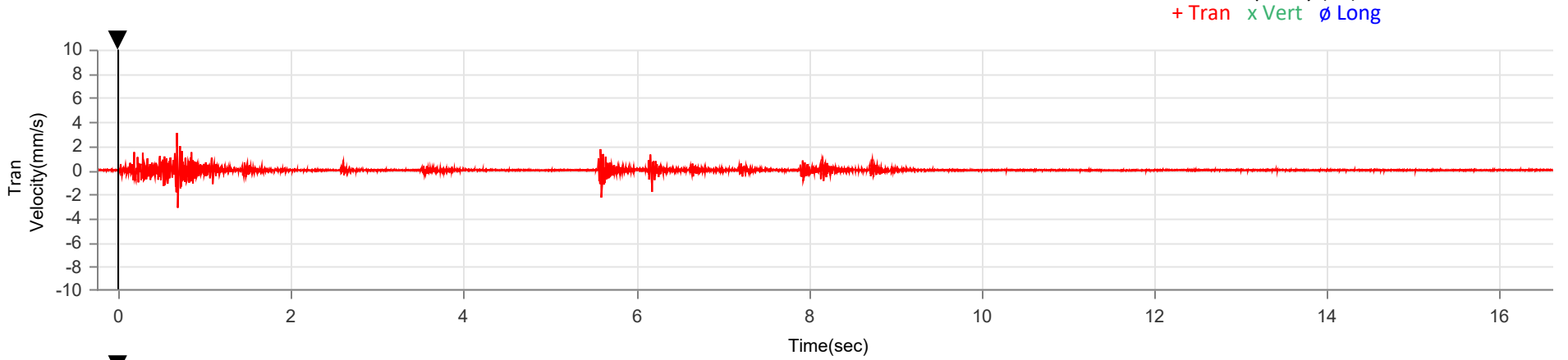
Post Event Notes No text to be displayed.

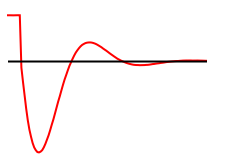
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	3.121 mm/s	8.181 mm/s	6.605 mm/s
Zero Crossing Frequency	78.8 Hz	85.3 Hz	85.3 Hz
Time (Relative to Trigger)	0.688 sec	0.659 sec	0.688 sec
Peak Acceleration	0.146 g	0.615 g	0.334 g
Peak Displacement	0.011 mm	0.014 mm	0.014 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	8.287 mm/s at 0.659 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

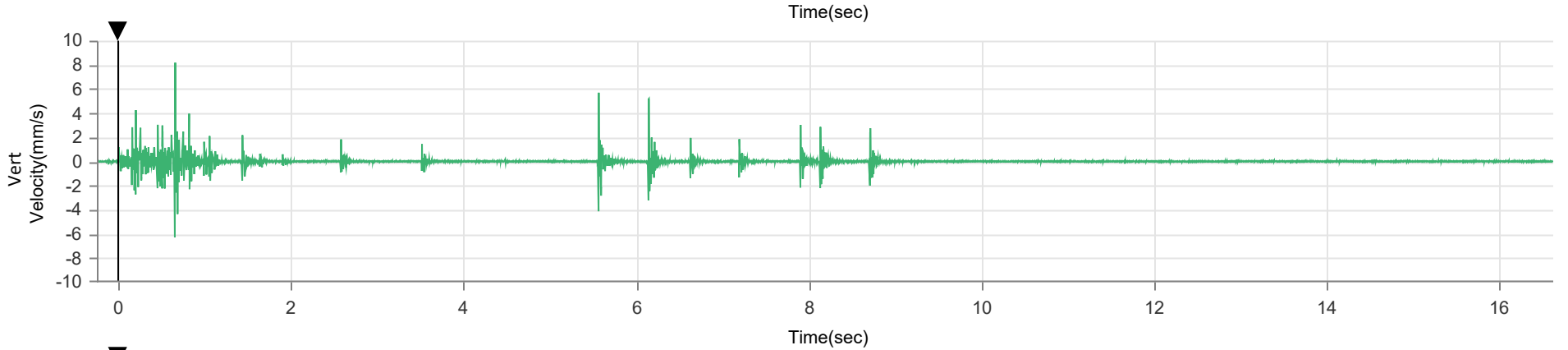


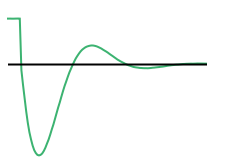
Sensor Check





✓ Passed





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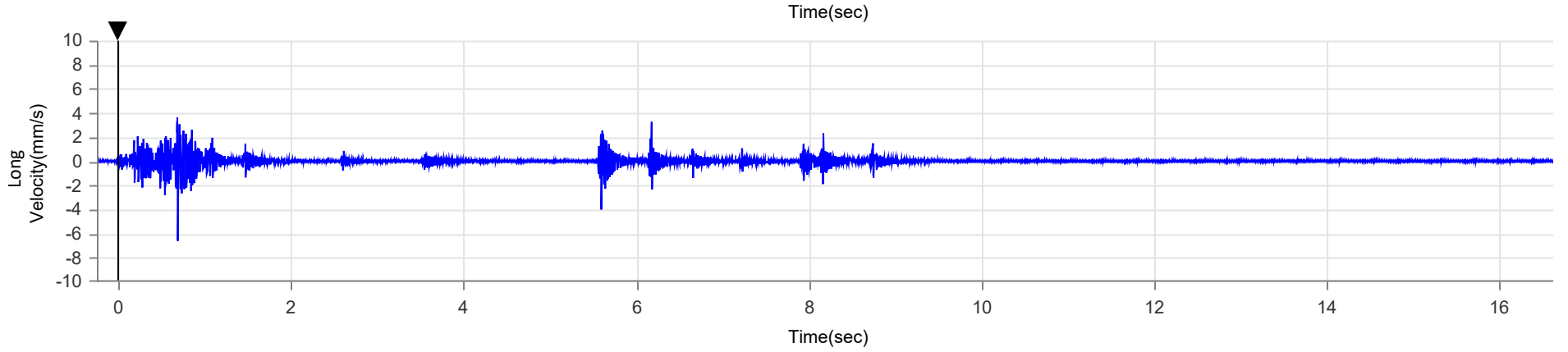
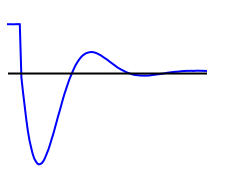




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:09	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221102153109.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

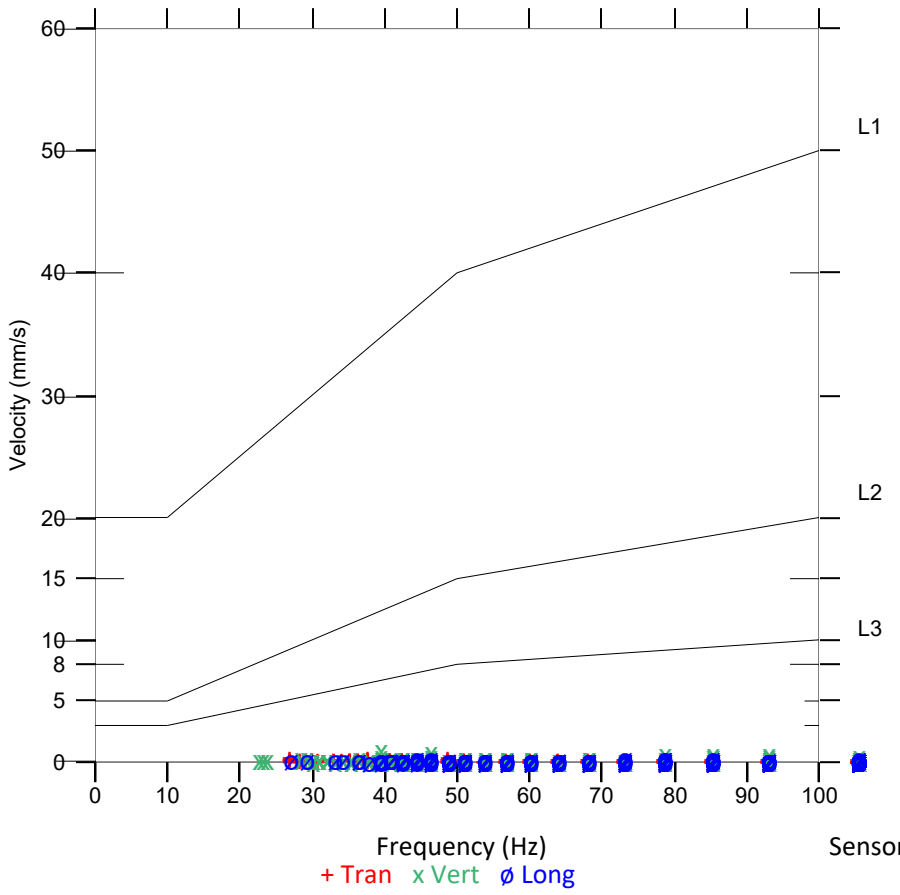
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

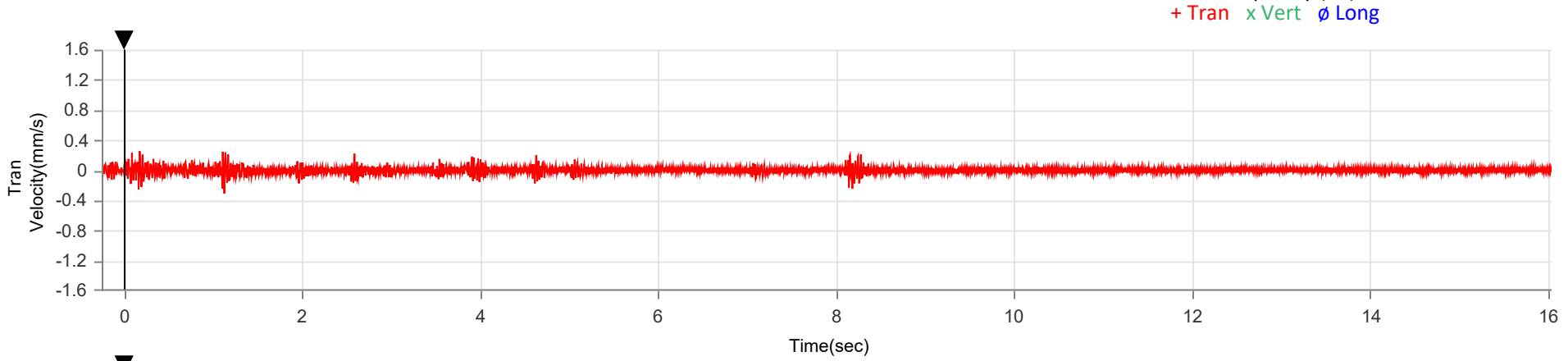
Post Event Notes No text to be displayed.

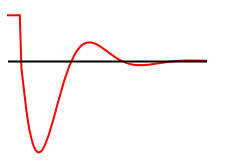
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.307 mm/s	0.938 mm/s	0.323 mm/s
Zero Crossing Frequency	39.4 Hz	39.4 Hz	78.8 Hz
Time (Relative to Trigger)	1.128 sec	8.100 sec	8.171 sec
Peak Acceleration	0.015 g	0.054 g	0.023 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.7 Hz	7.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.953 mm/s at 8.100 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

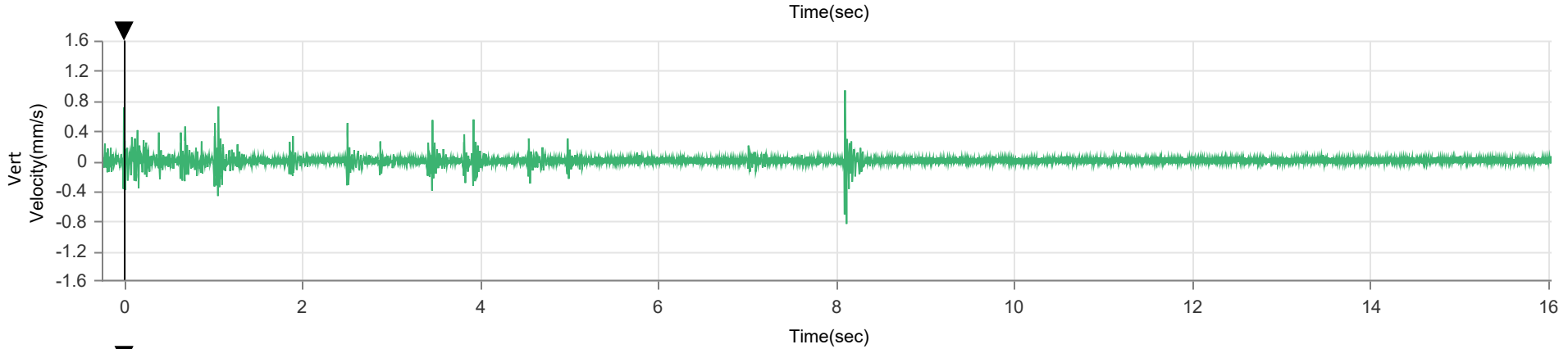


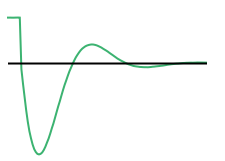
Sensor Check





✓ Passed





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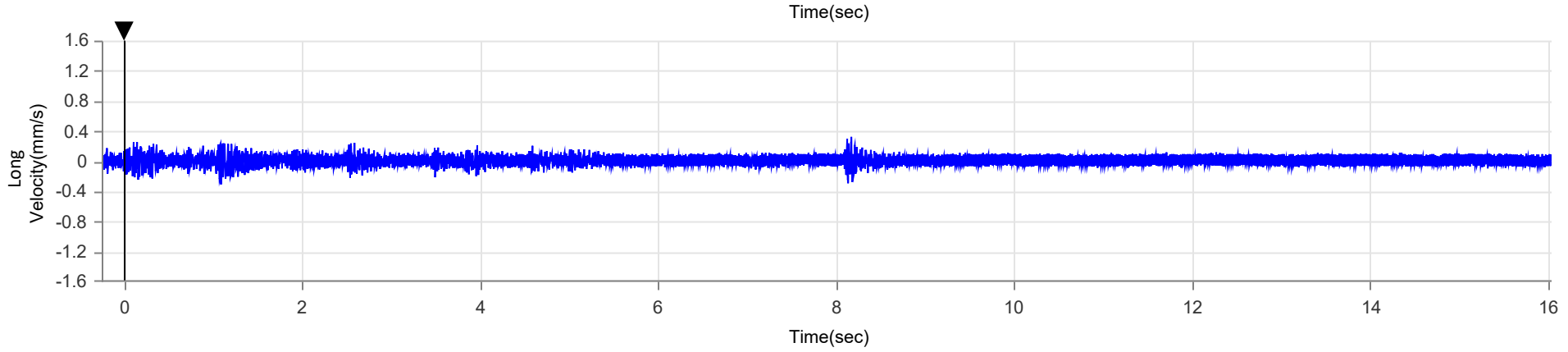

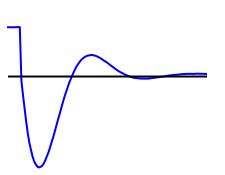

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 10:57:53	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221103105753.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

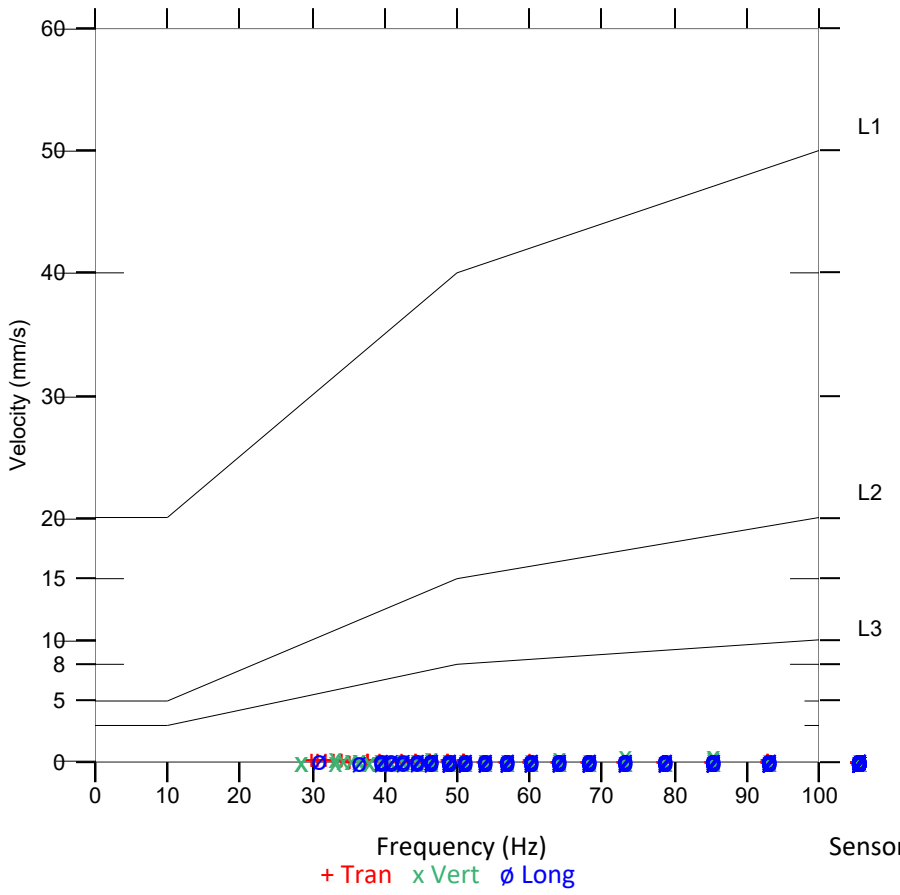
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

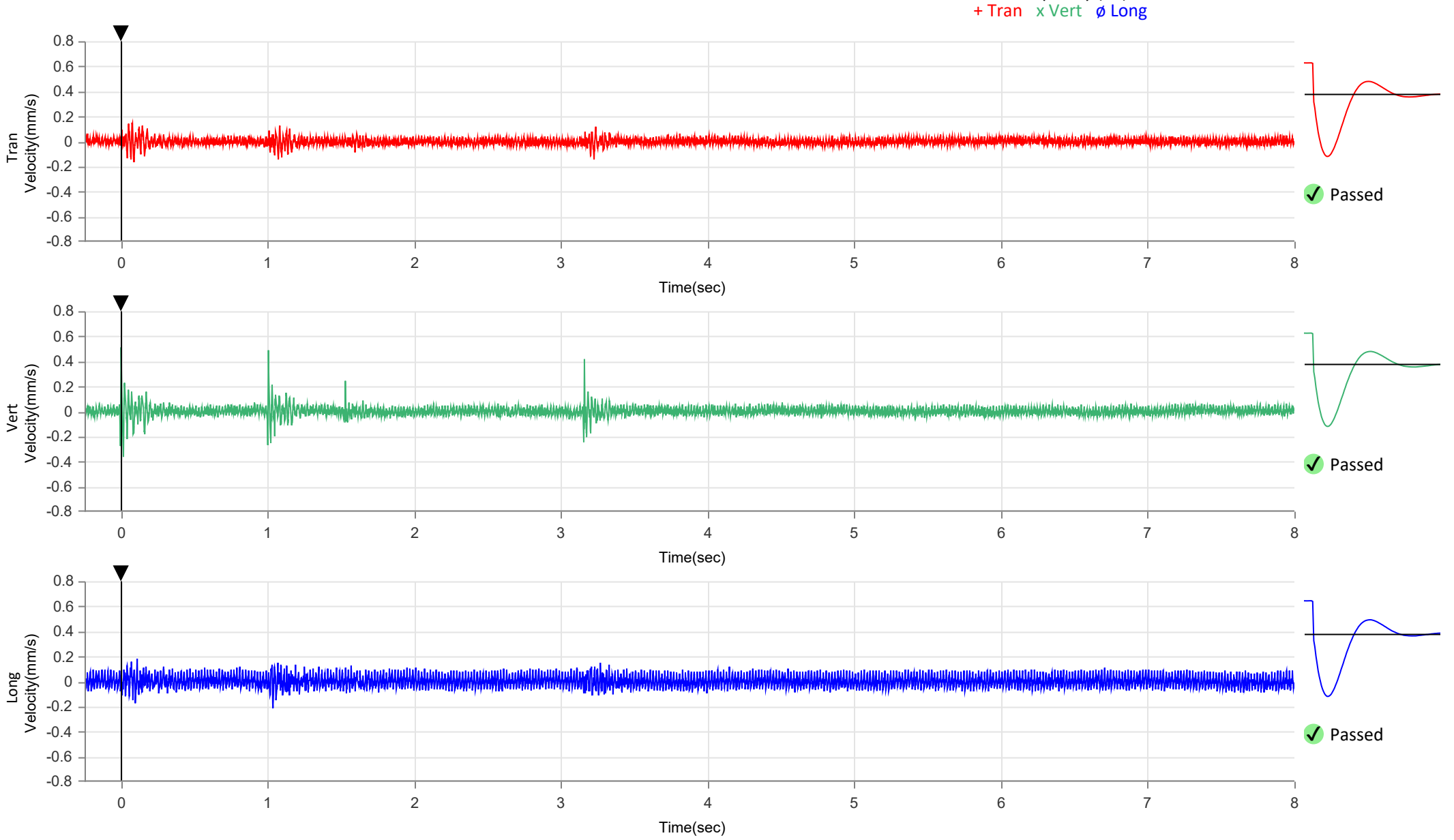
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.166 mm/s	0.512 mm/s	0.213 mm/s
Zero Crossing Frequency	34.1 Hz	73.1 Hz	46.5 Hz
Time (Relative to Trigger)	0.087 sec	0.000 sec	1.035 sec
Peak Acceleration	0.015 g	0.033 g	0.015 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.9 Hz	6.7 Hz	6.9 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.514 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:40	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

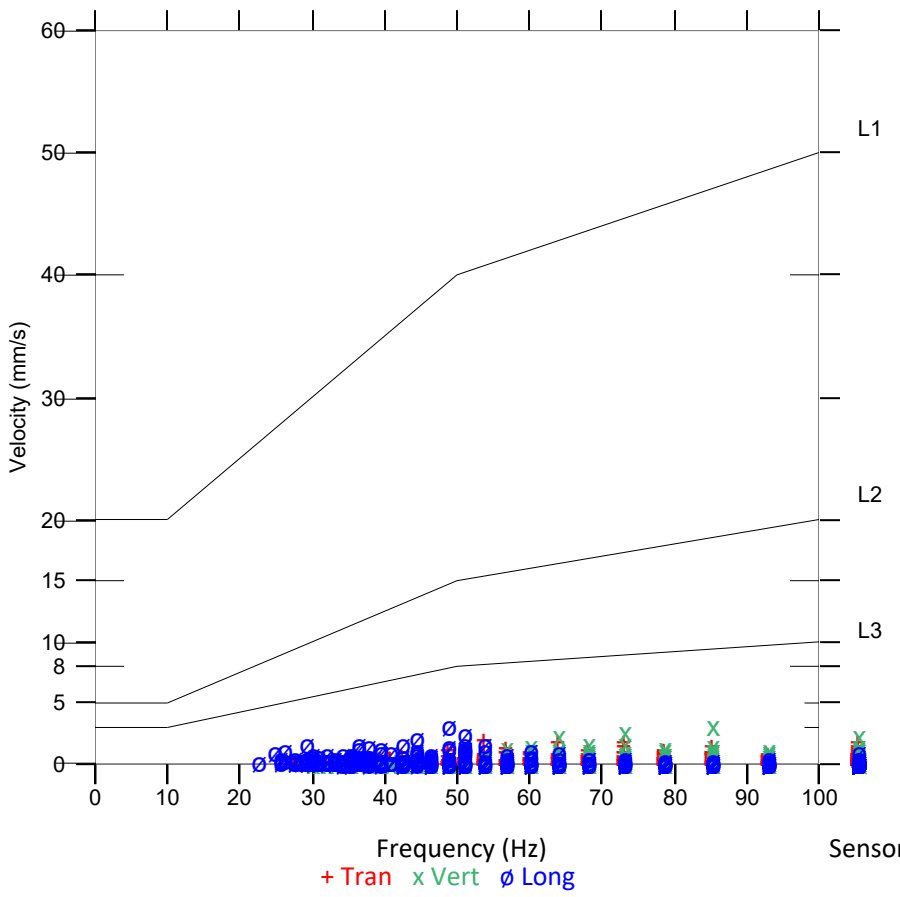
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

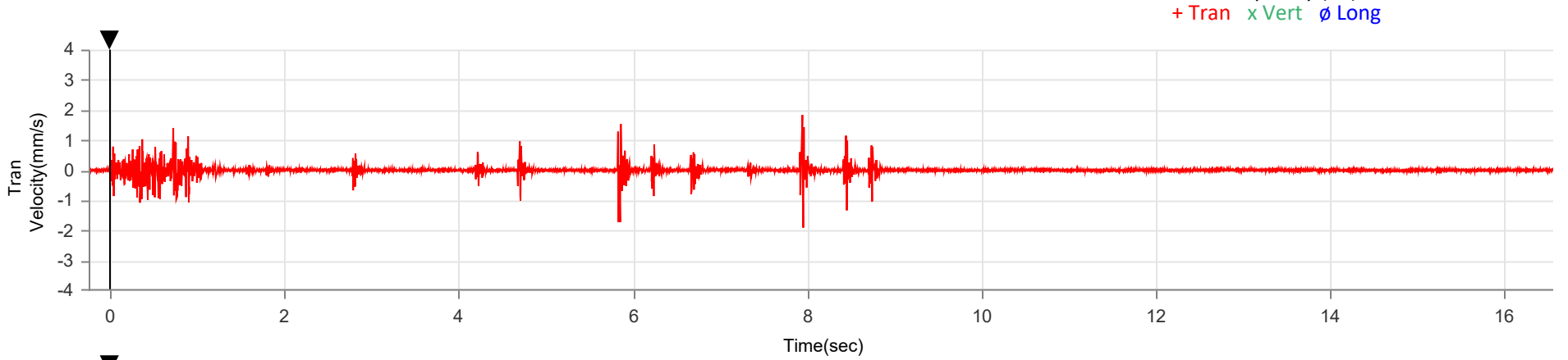
Post Event Notes No text to be displayed.

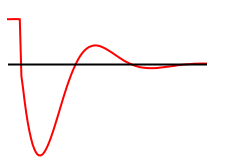
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.907 mm/s	3.105 mm/s	3.129 mm/s
Zero Crossing Frequency	53.9 Hz	85.3 Hz	48.8 Hz
Time (Relative to Trigger)	7.956 sec	5.827 sec	5.854 sec
Peak Acceleration	0.150 g	0.247 g	0.114 g
Peak Displacement	0.006 mm	0.006 mm	0.010 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	3.584 mm/s at 5.854 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

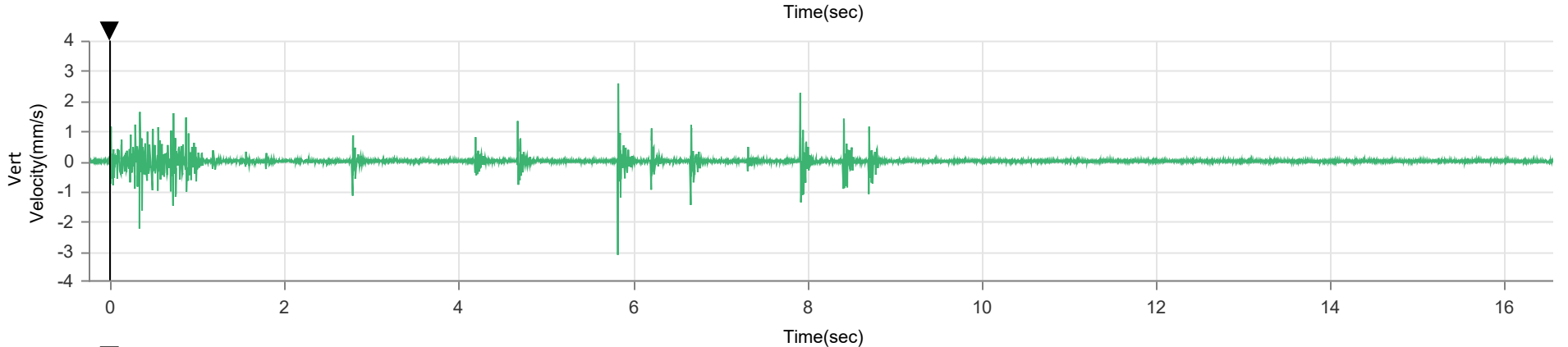


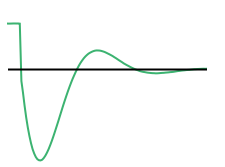
Sensor Check



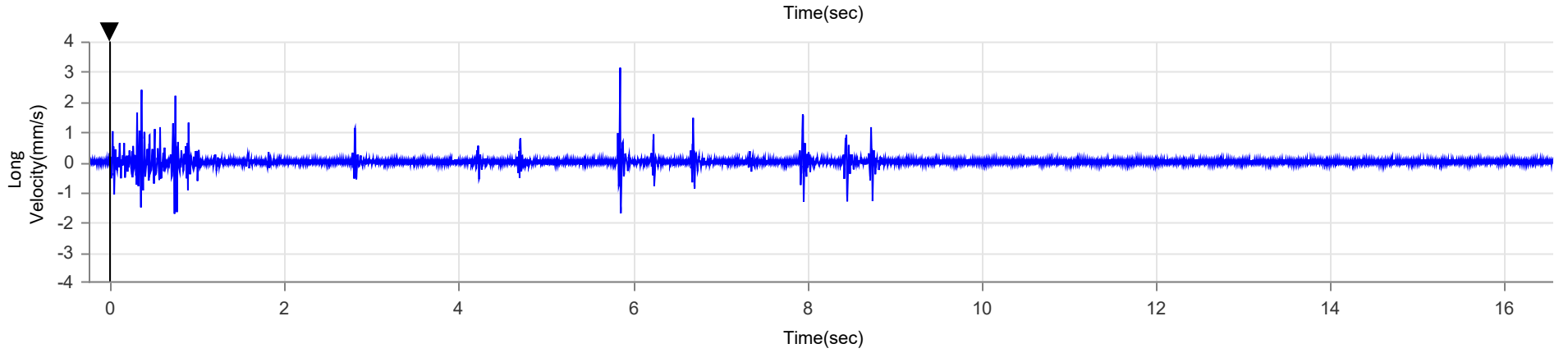


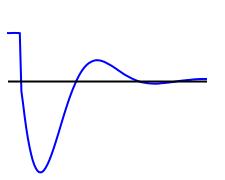
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 14:11:24	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221103141124.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

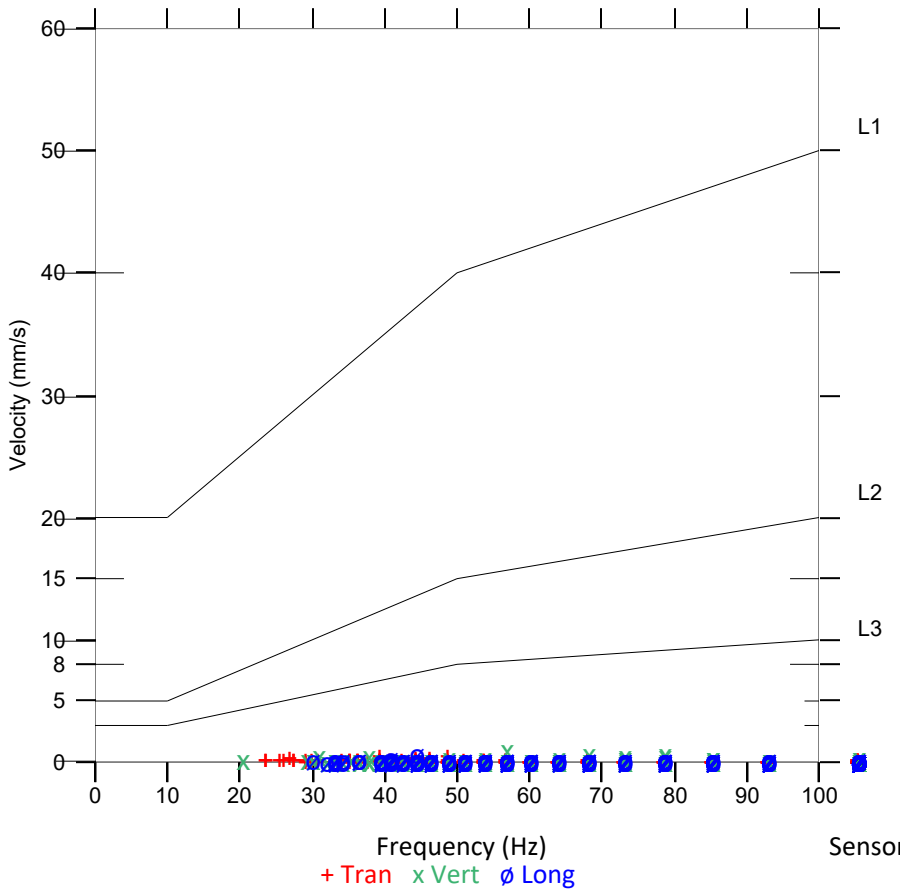
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

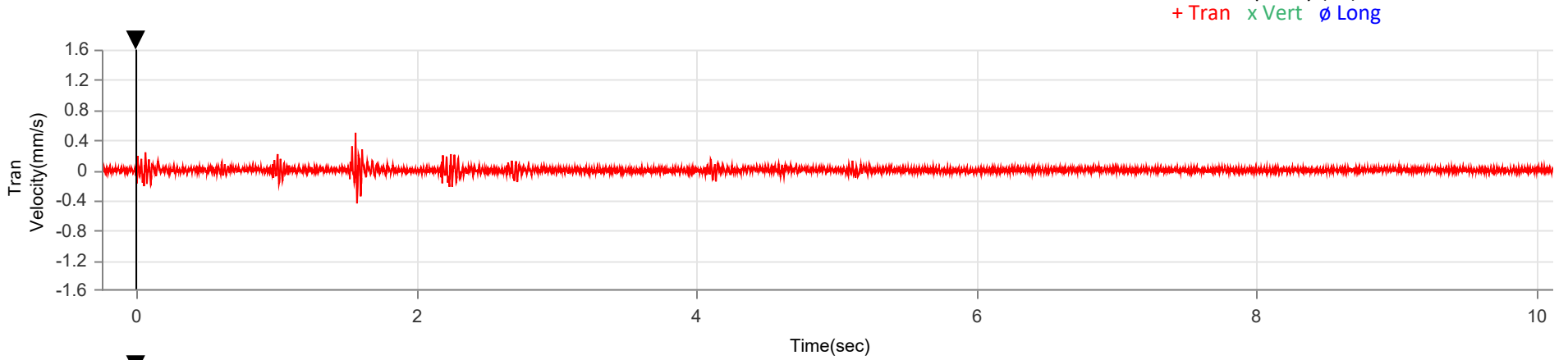
Post Event Notes No text to be displayed.

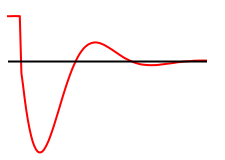
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.497 mm/s	1.048 mm/s	0.631 mm/s
Zero Crossing Frequency	48.8 Hz	56.9 Hz	44.5 Hz
Time (Relative to Trigger)	1.563 sec	1.531 sec	1.586 sec
Peak Acceleration	0.020 g	0.039 g	0.020 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	1.053 mm/s at 1.531 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

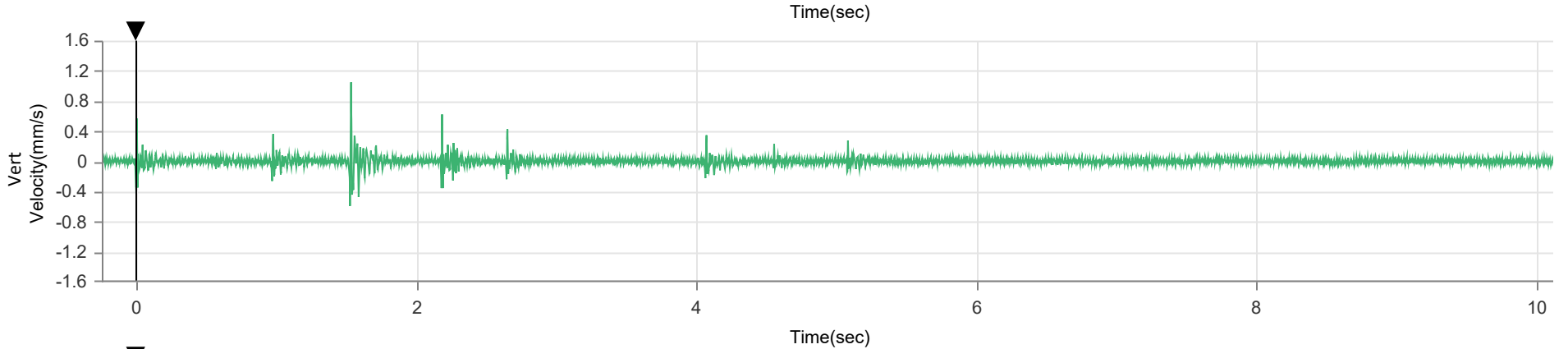


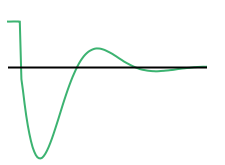
Sensor Check





✓ Passed





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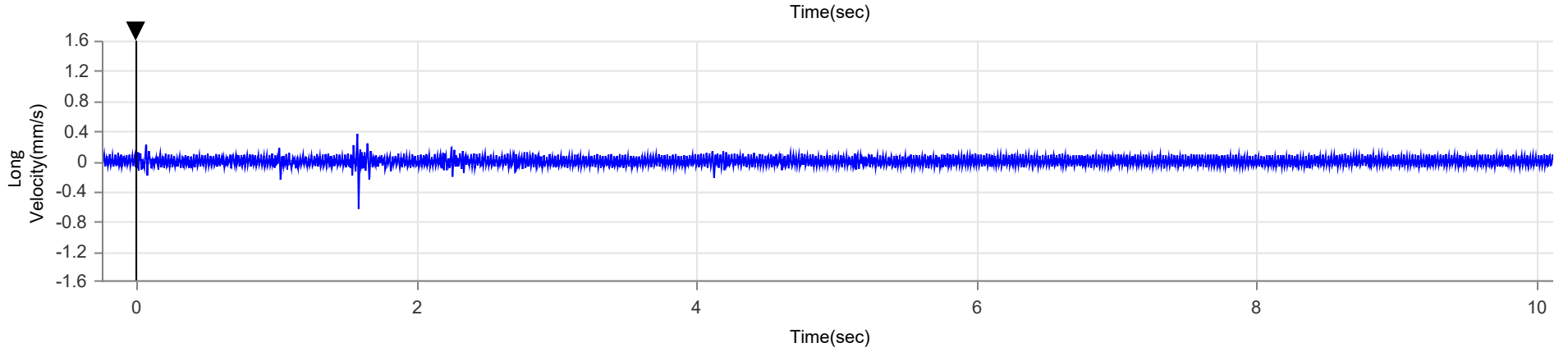
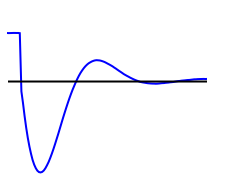




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 09:53:09	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

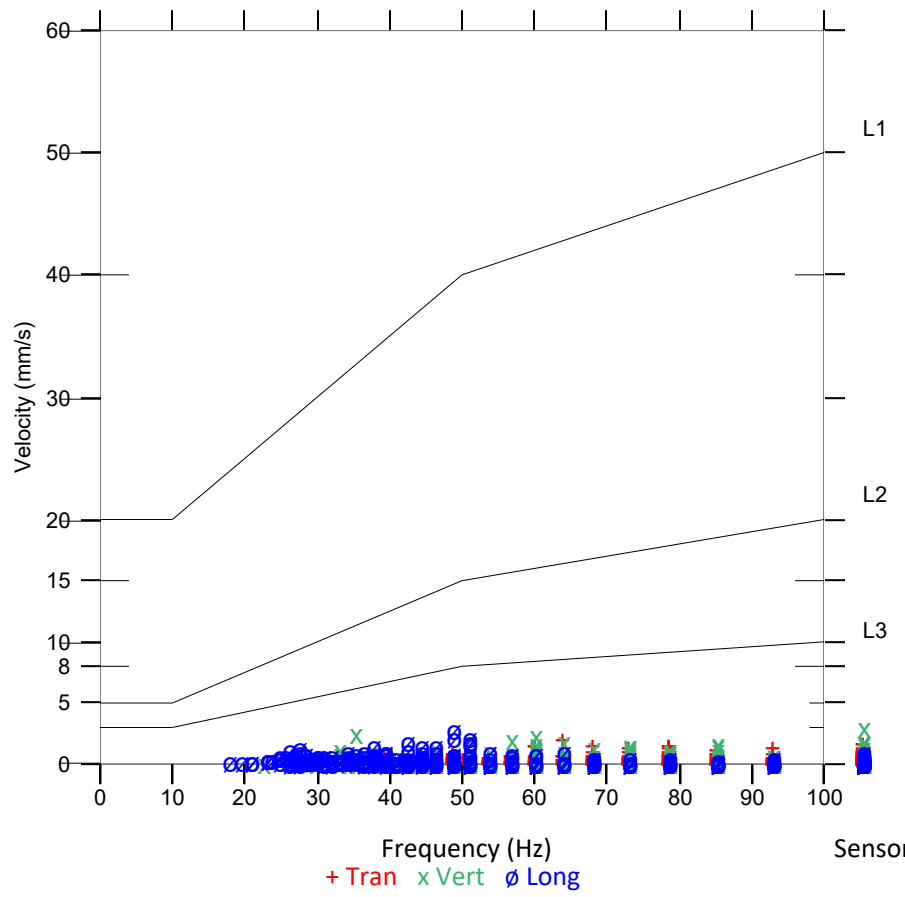
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

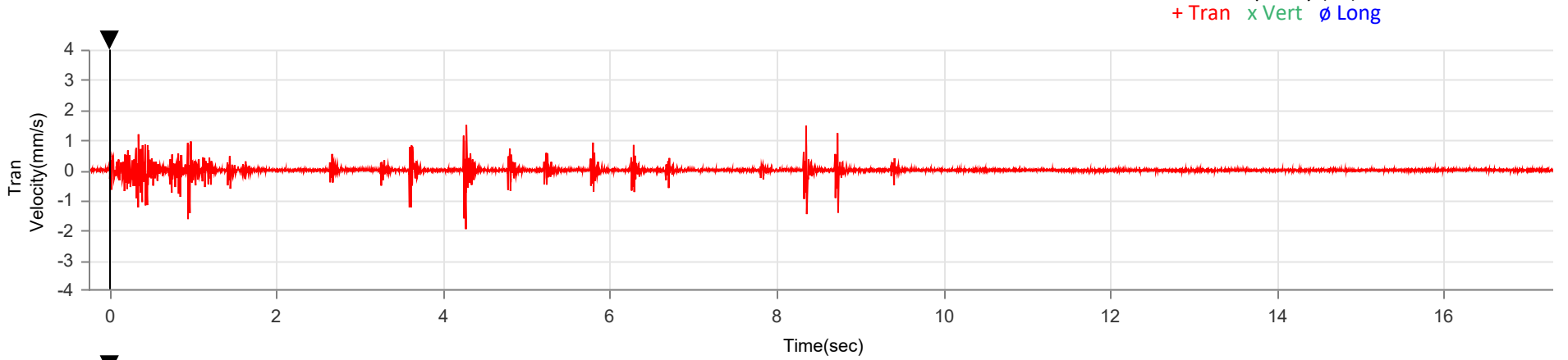
Post Event Notes No text to be displayed.

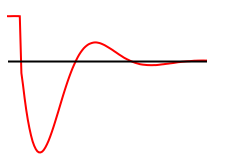
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.955 mm/s	3.011 mm/s	2.861 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	48.8 Hz
Time (Relative to Trigger)	4.274 sec	4.247 sec	4.274 sec
Peak Acceleration	0.137 g	0.237 g	0.107 g
Peak Displacement	0.004 mm	0.005 mm	0.009 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	3.645 mm/s at 4.274 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

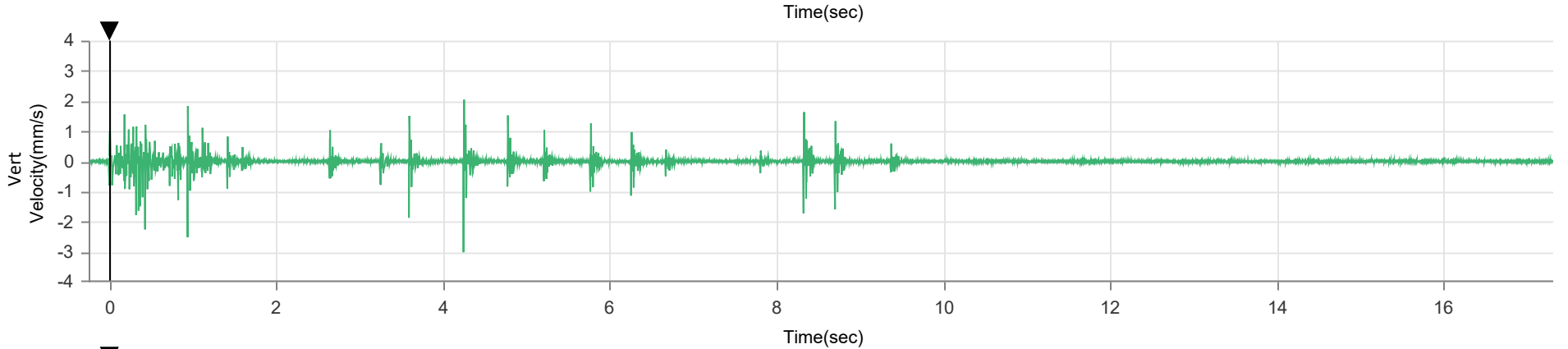


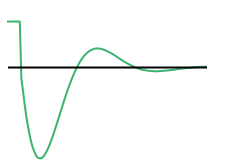
Sensor Check





✓ Passed





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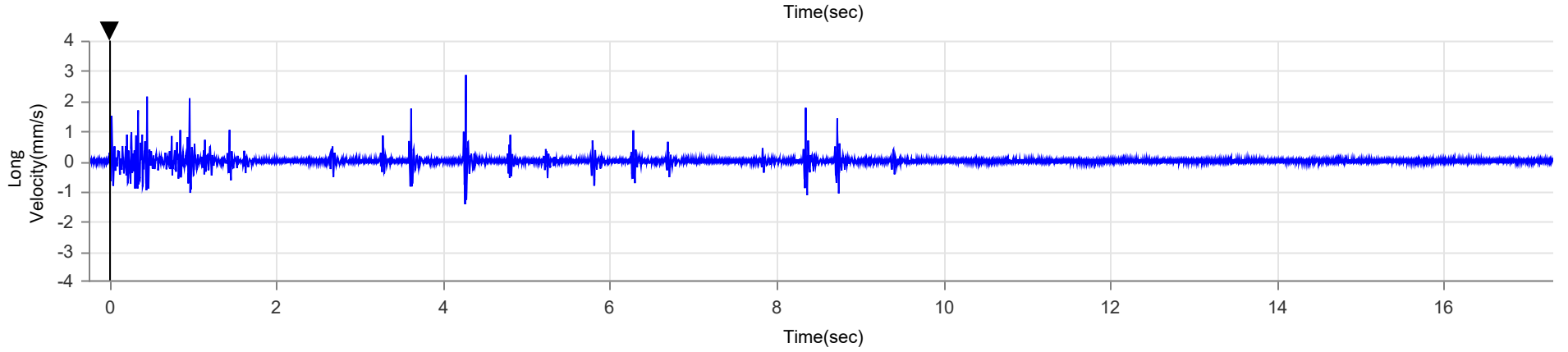
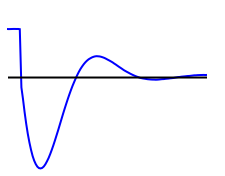




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:06	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/14.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221104120006.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

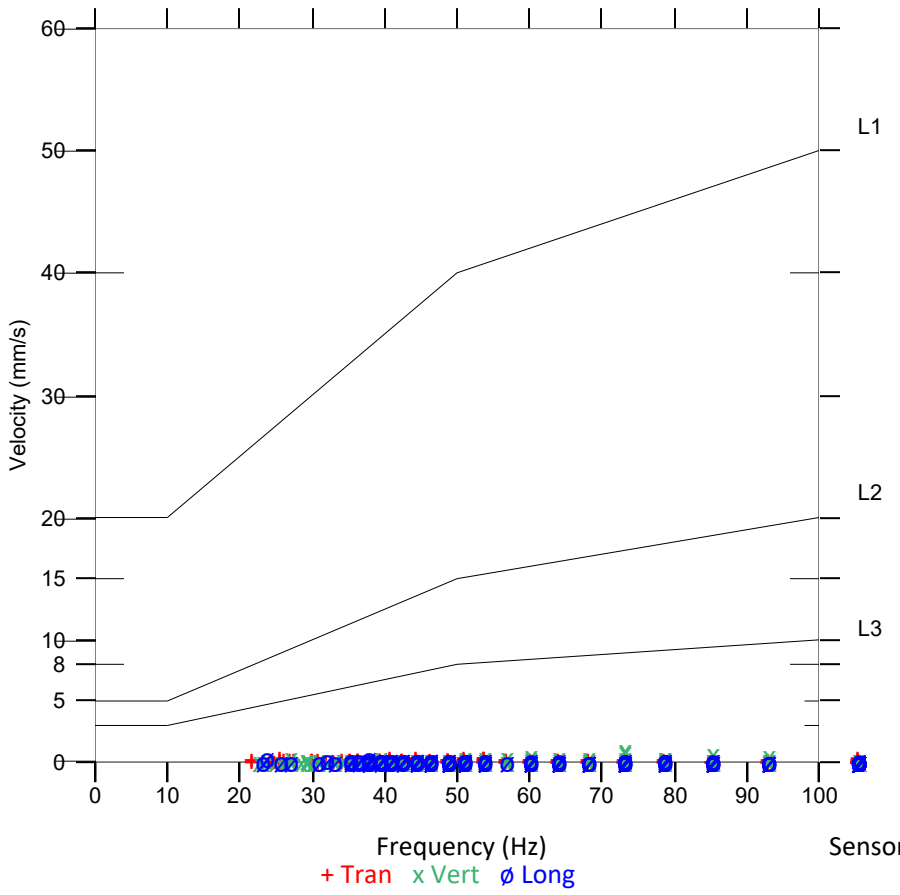
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

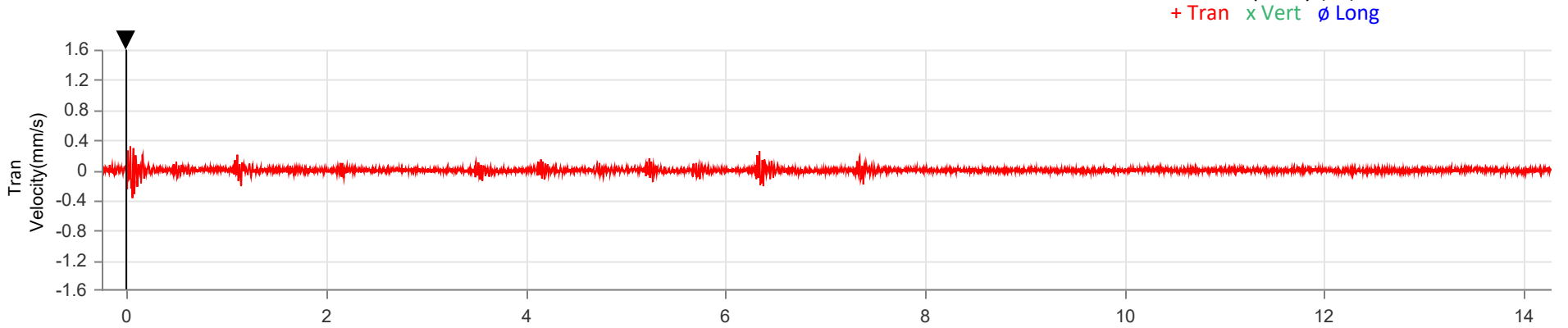
Post Event Notes No text to be displayed.

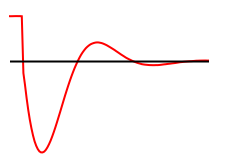
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.370 mm/s	1.033 mm/s	0.315 mm/s
Zero Crossing Frequency	26.3 Hz	73.1 Hz	42.7 Hz
Time (Relative to Trigger)	0.059 sec	0.006 sec	1.135 sec
Peak Acceleration	0.020 g	0.046 g	0.013 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	1.051 mm/s at 0.006 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

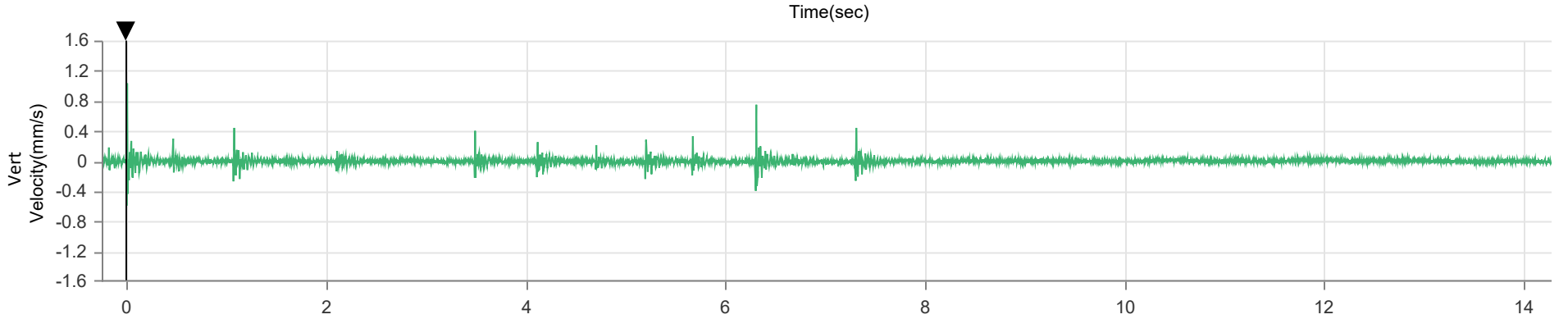


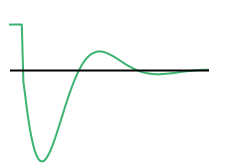
Sensor Check



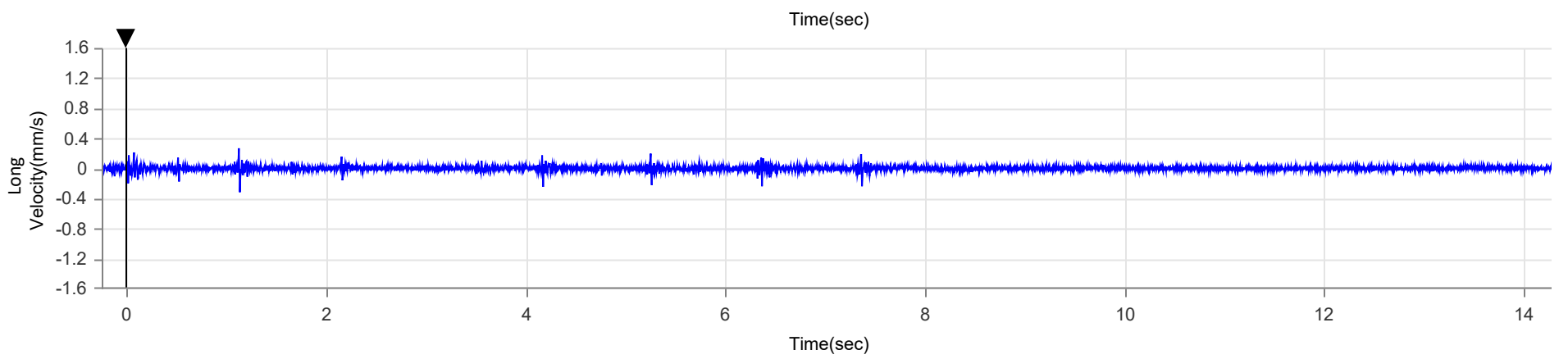


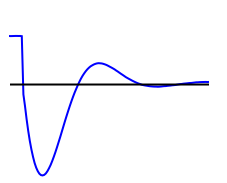
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:20	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221105095520.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

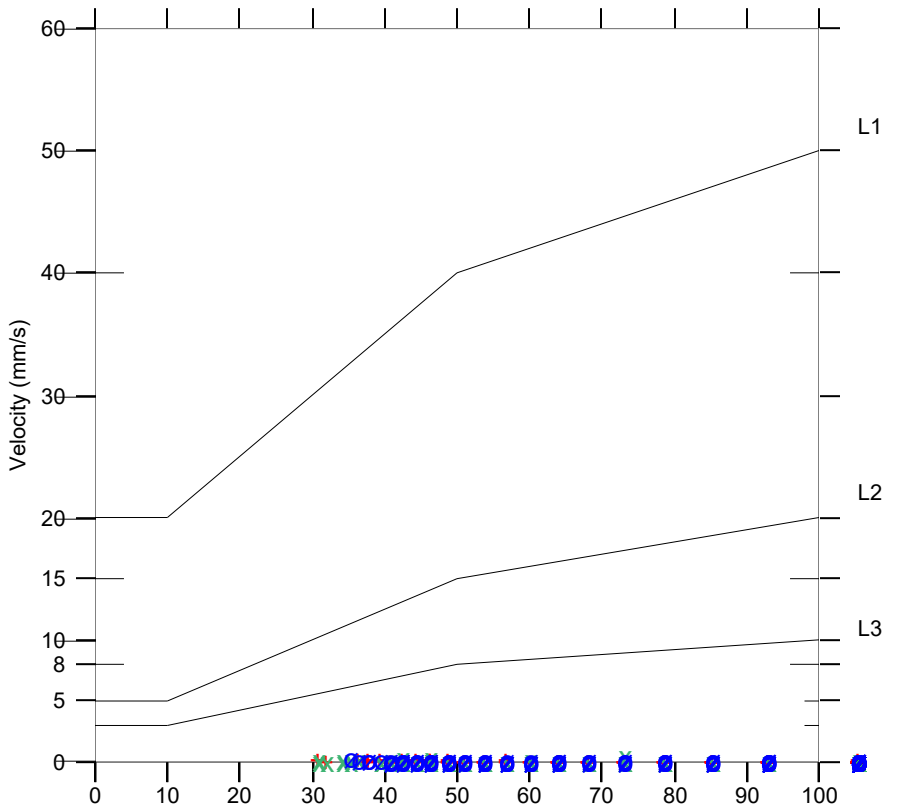
Notes

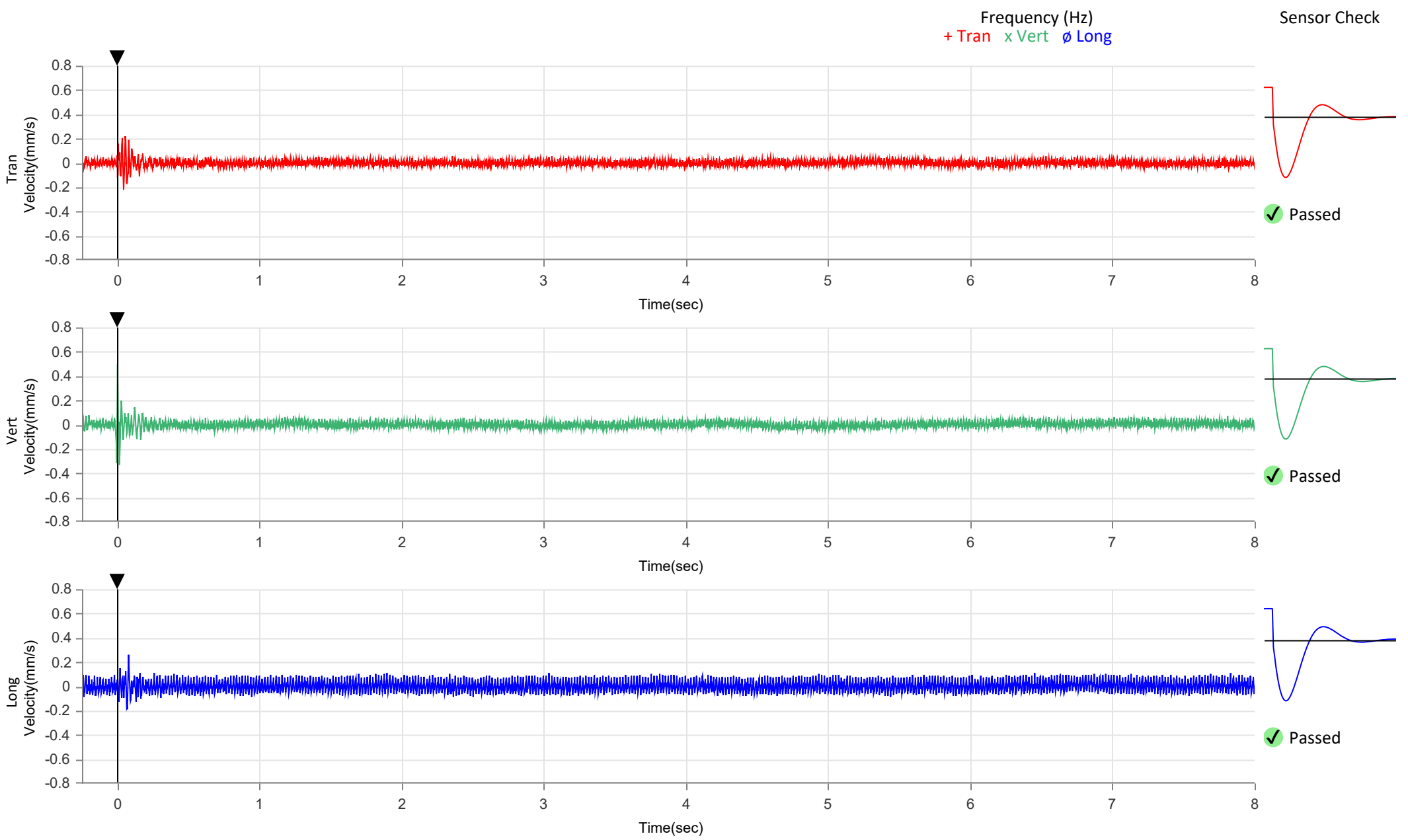
Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.221 mm/s	0.504 mm/s	0.260 mm/s
Zero Crossing Frequency	44.5 Hz	73.1 Hz	41.0 Hz
Time (Relative to Trigger)	0.044 sec	0.000 sec	0.079 sec
Peak Acceleration	0.013 g	0.030 g	0.015 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.514 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)





Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 10:41:06	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

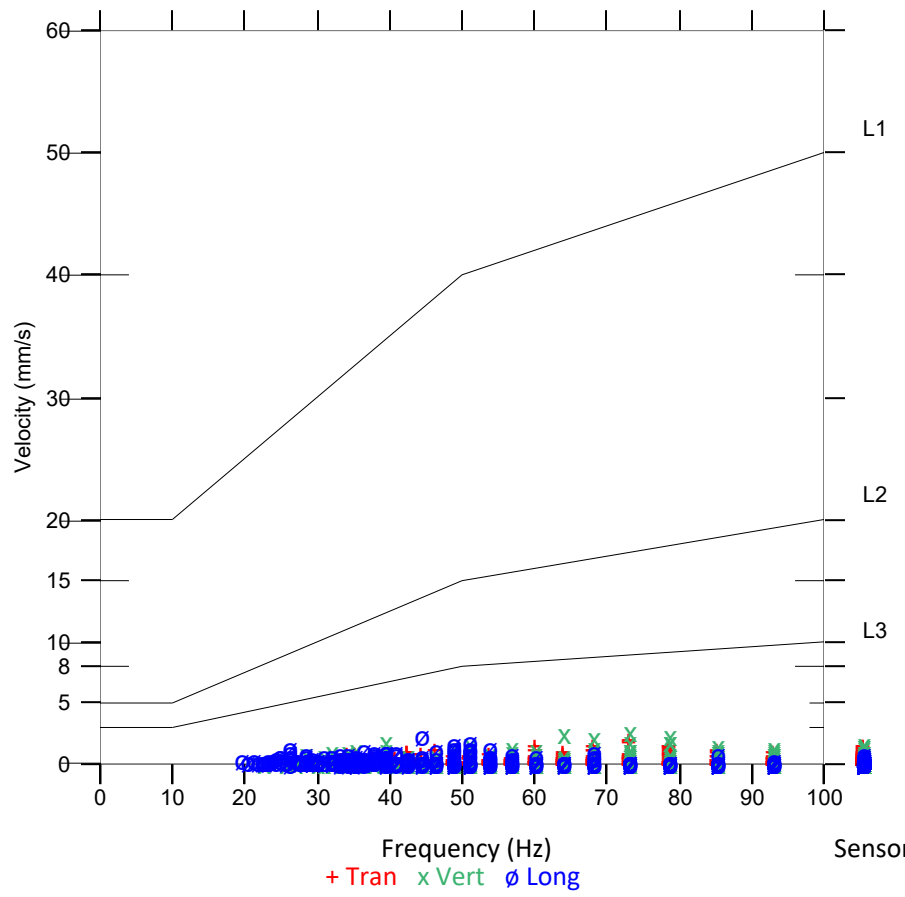
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

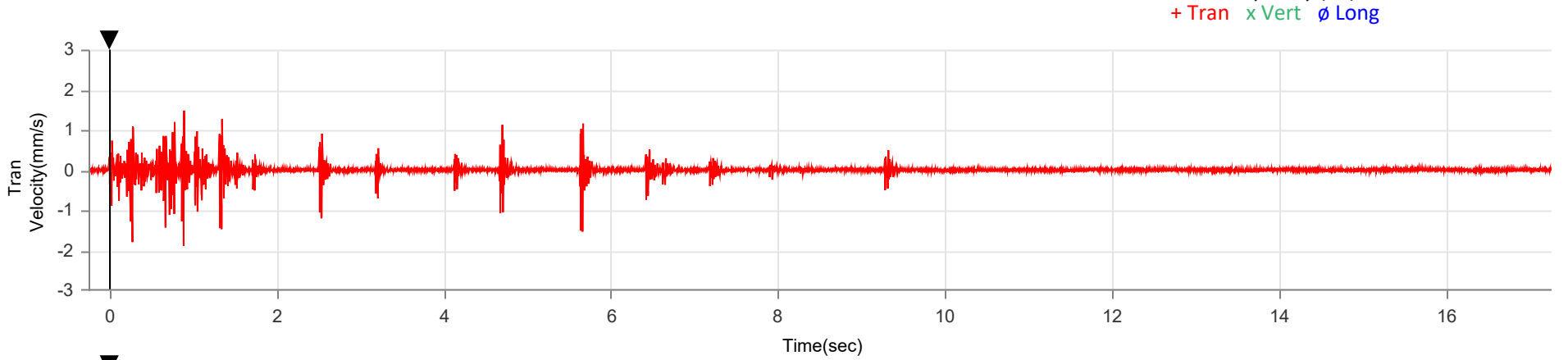
Post Event Notes No text to be displayed.

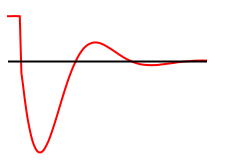
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.884 mm/s	2.648 mm/s	2.365 mm/s
Zero Crossing Frequency	78.8 Hz	85.3 Hz	44.5 Hz
Time (Relative to Trigger)	0.888 sec	1.317 sec	1.344 sec
Peak Acceleration	0.132 g	0.217 g	0.089 g
Peak Displacement	0.004 mm	0.006 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	2.864 mm/s at 1.344 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

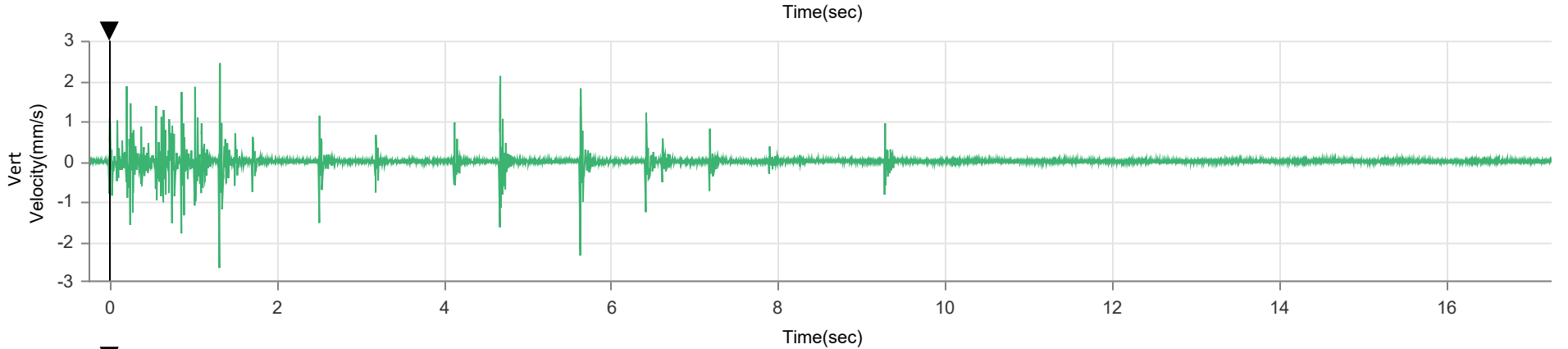


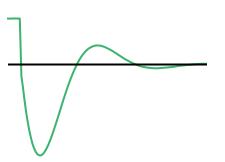
Sensor Check



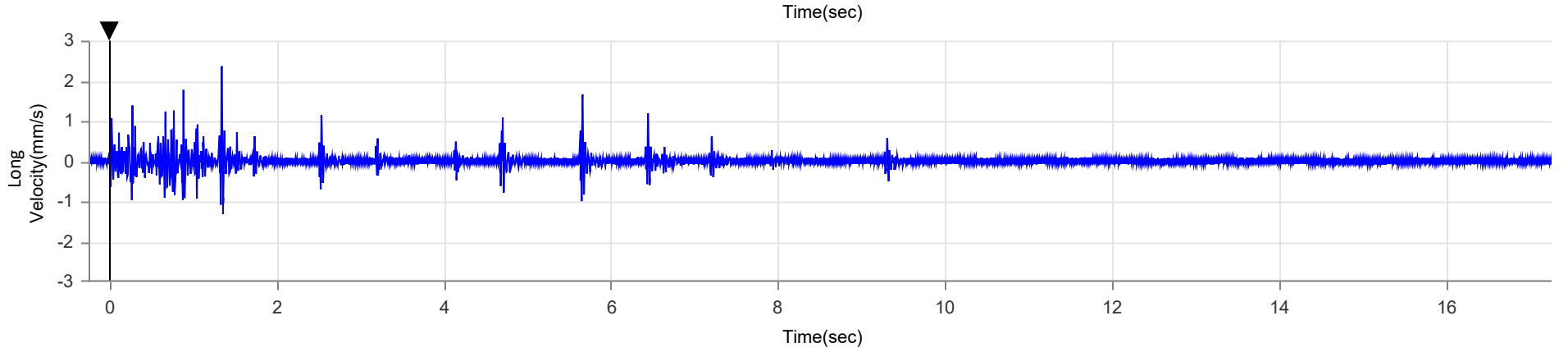


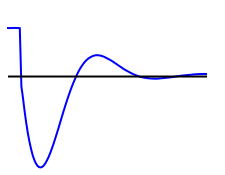
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:45	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221105121645.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

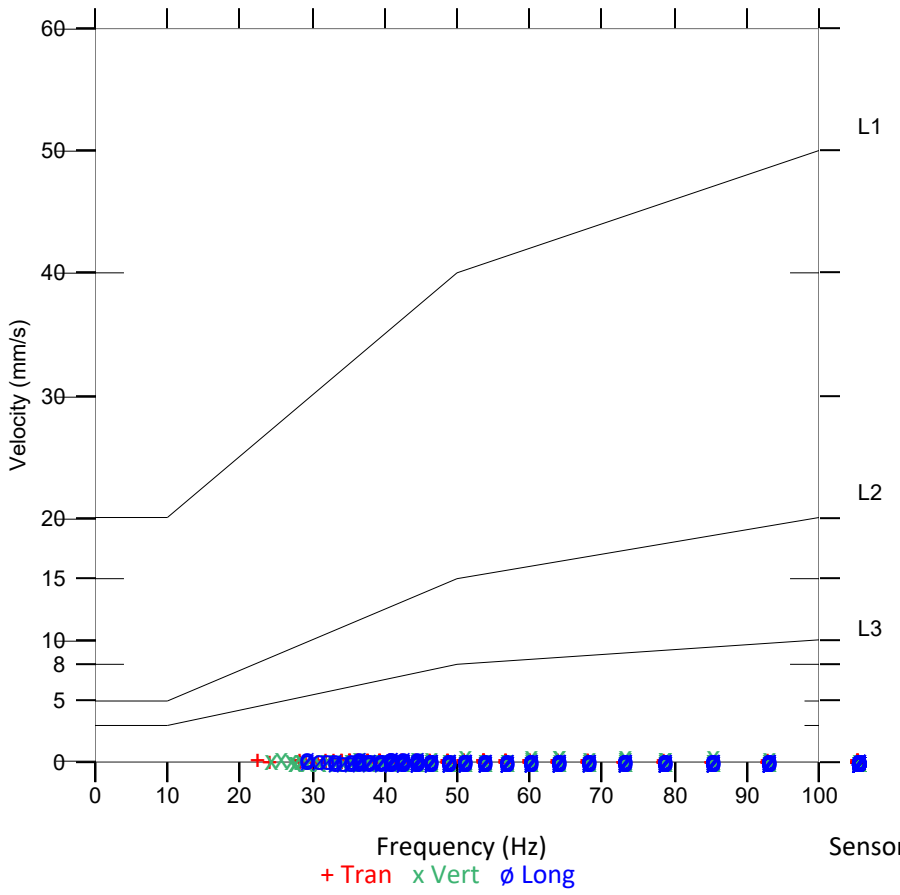
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

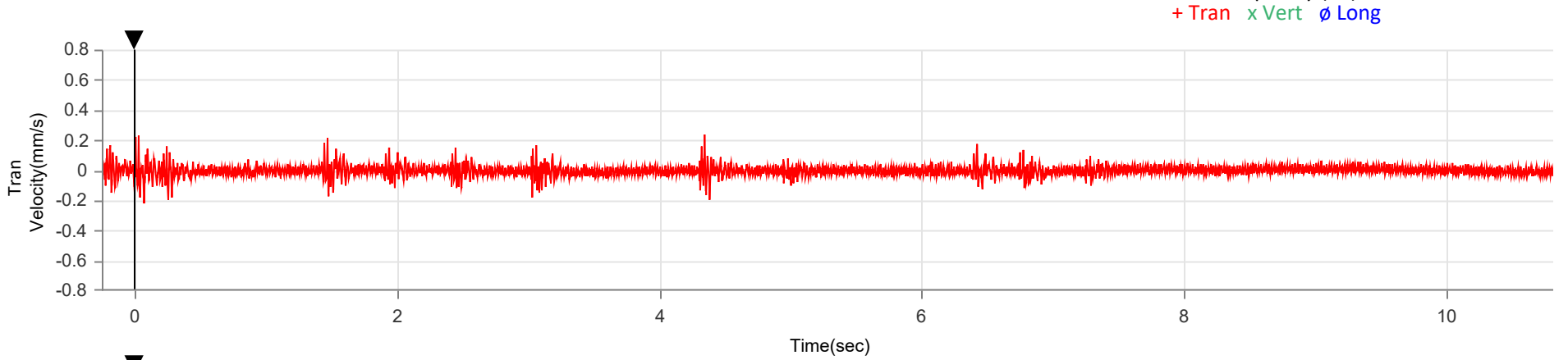
Post Event Notes No text to be displayed.

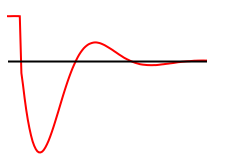
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.236 mm/s	0.536 mm/s	0.394 mm/s
Zero Crossing Frequency	60.2 Hz	64.0 Hz	36.6 Hz
Time (Relative to Trigger)	4.346 sec	1.440 sec	0.059 sec
Peak Acceleration	0.016 g	0.028 g	0.015 g
Peak Displacement	0.001 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.542 mm/s at 1.440 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

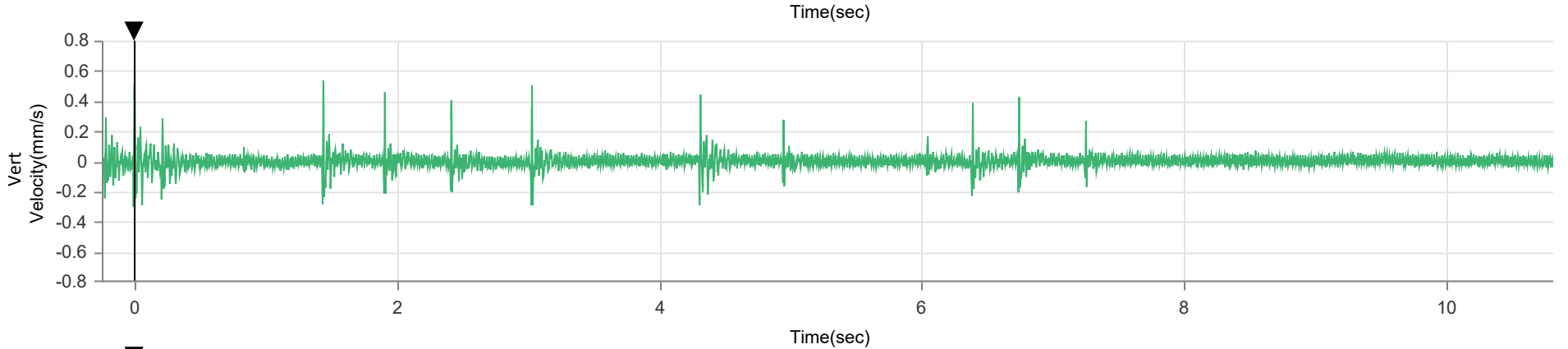


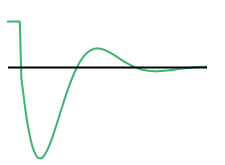
Sensor Check



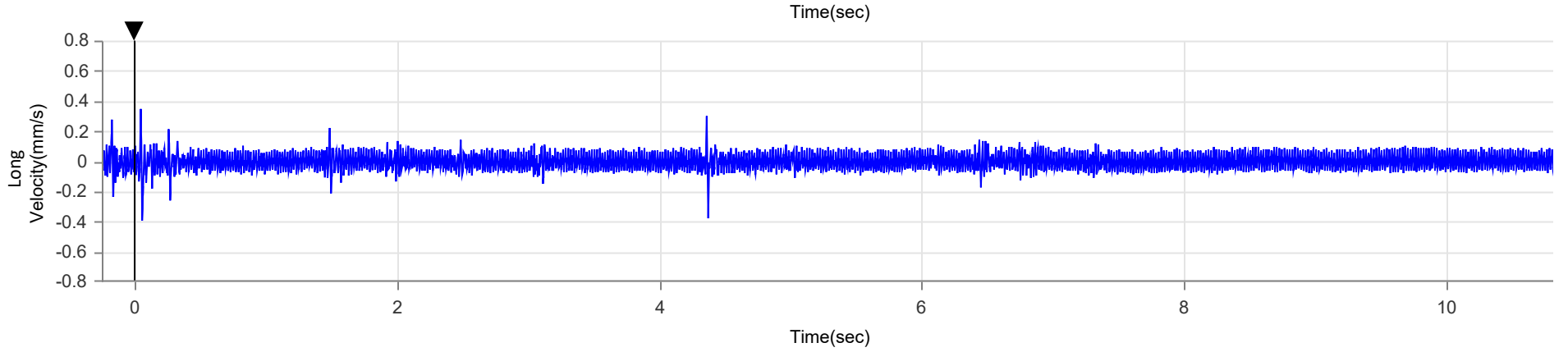


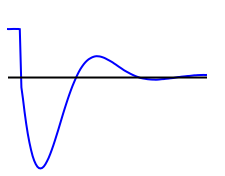
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 10:42:28	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

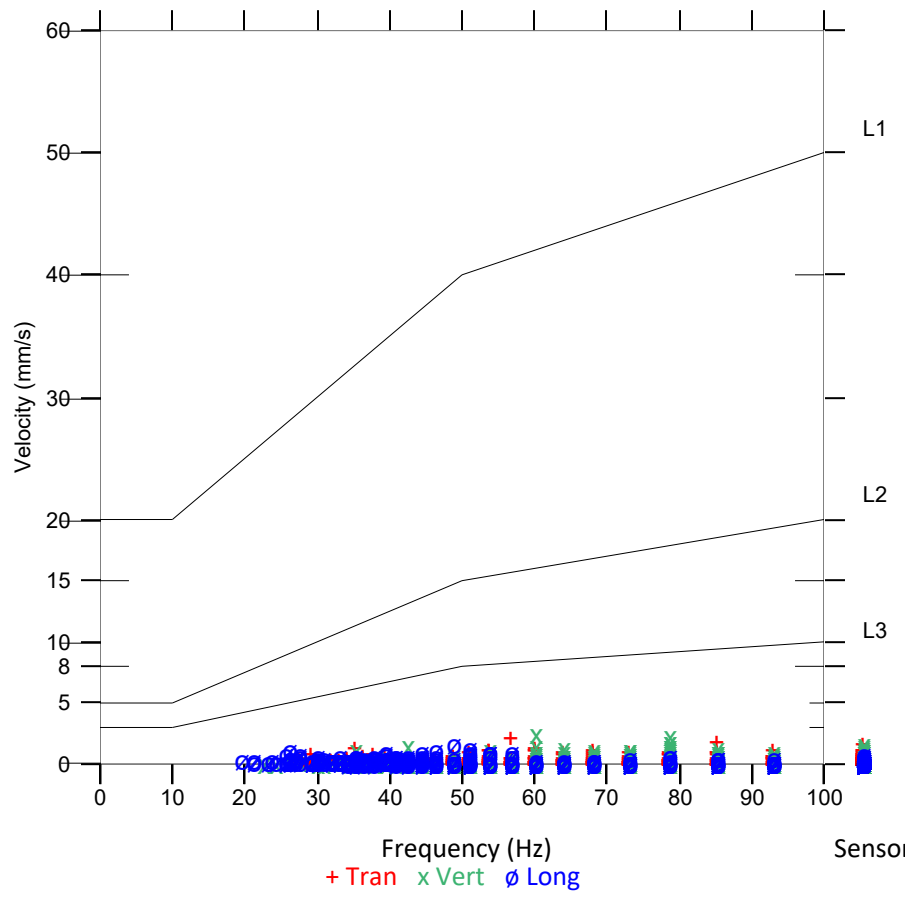
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

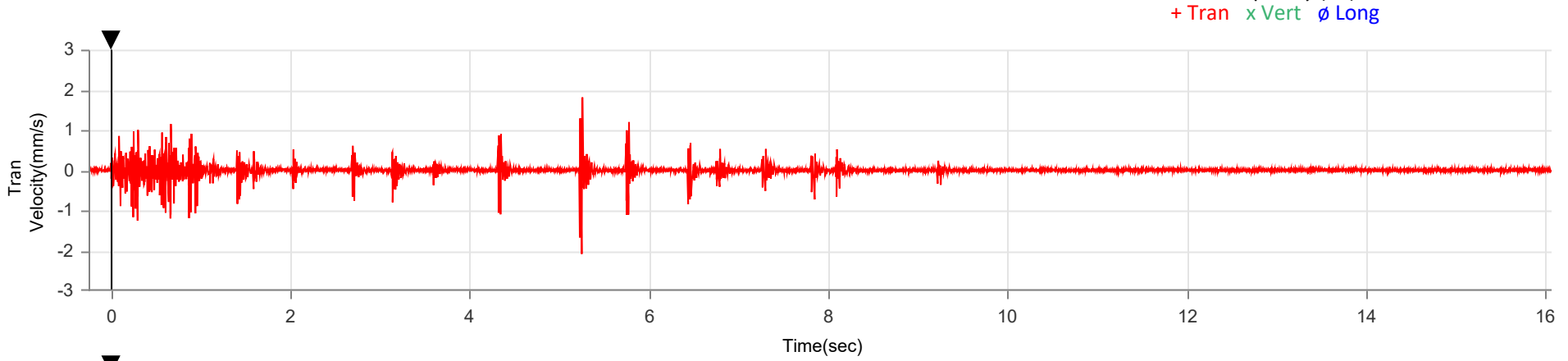
Post Event Notes No text to be displayed.

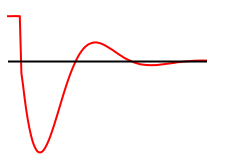
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.081 mm/s	2.514 mm/s	1.671 mm/s
Zero Crossing Frequency	56.9 Hz	93.1 Hz	48.8 Hz
Time (Relative to Trigger)	5.252 sec	5.225 sec	5.249 sec
Peak Acceleration	0.145 g	0.235 g	0.095 g
Peak Displacement	0.005 mm	0.005 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	2.775 mm/s at 5.252 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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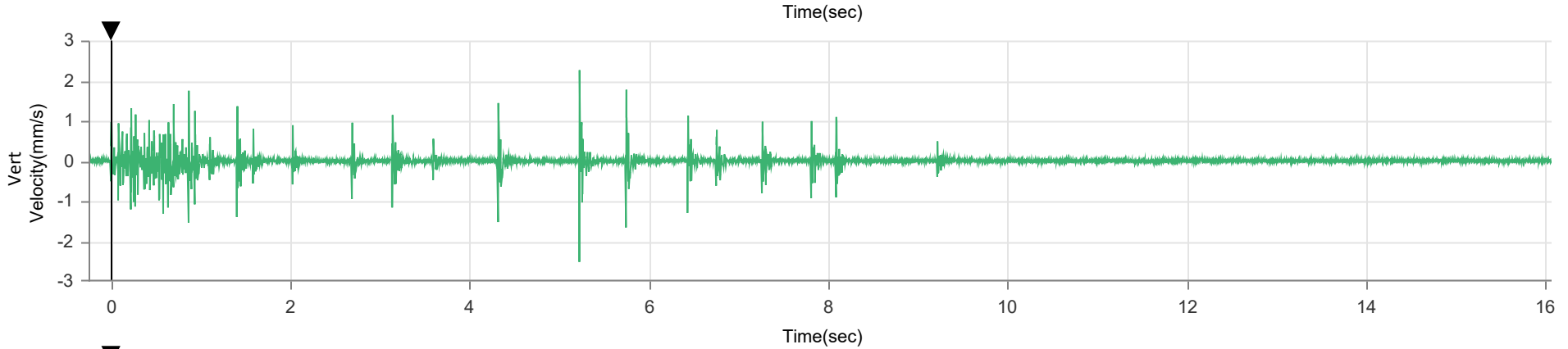

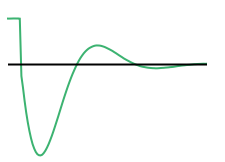

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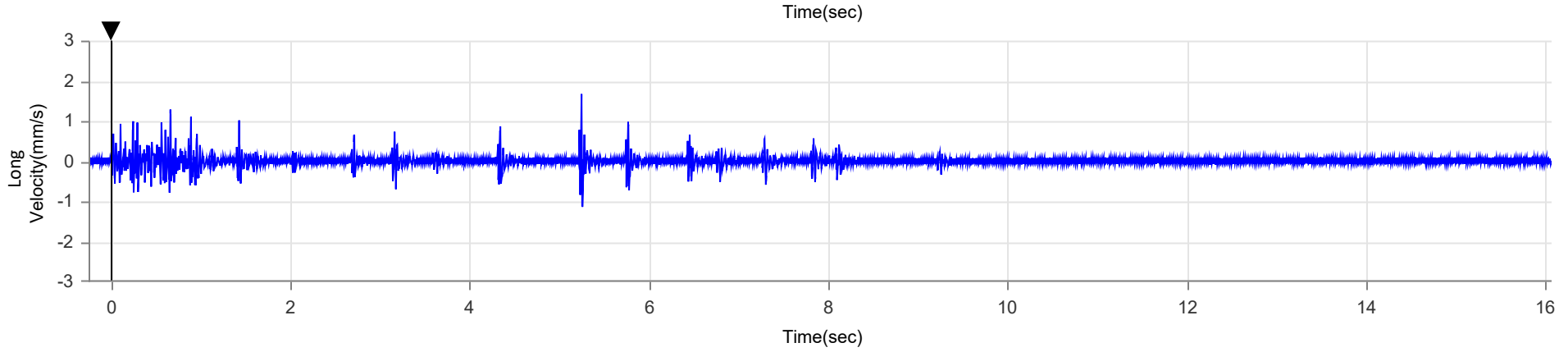
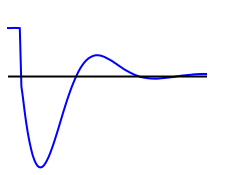




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 11:33:35	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221106113335.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

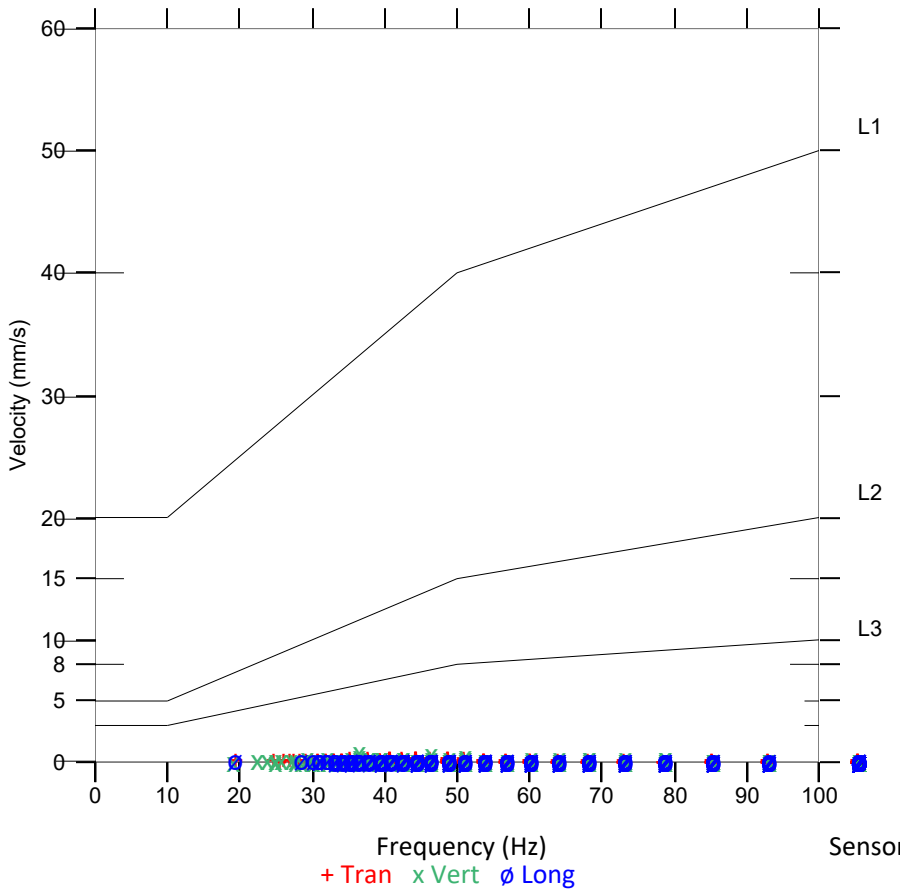
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

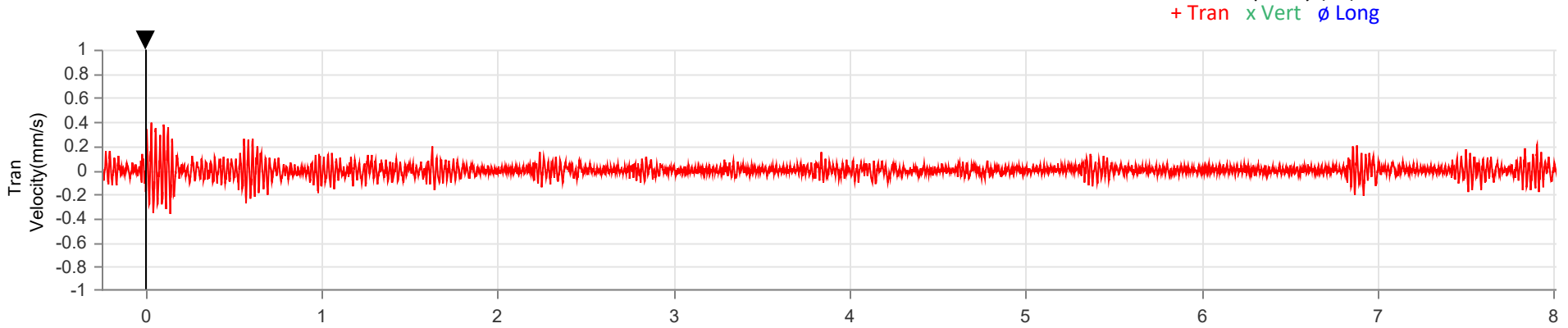
Post Event Notes No text to be displayed.

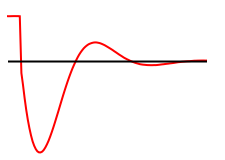
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.394 mm/s	0.741 mm/s	0.205 mm/s
Zero Crossing Frequency	46.5 Hz	36.6 Hz	33.0 Hz
Time (Relative to Trigger)	0.033 sec	0.001 sec	2.845 sec
Peak Acceleration	0.020 g	0.033 g	0.015 g
Peak Displacement	0.002 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.764 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

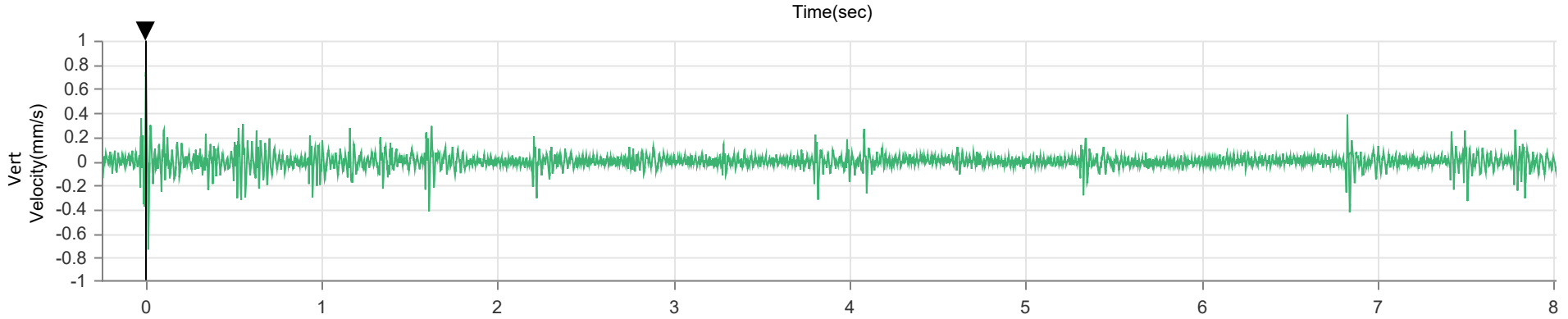


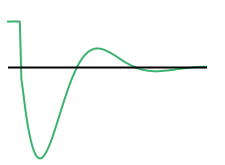
Sensor Check





✓ Passed





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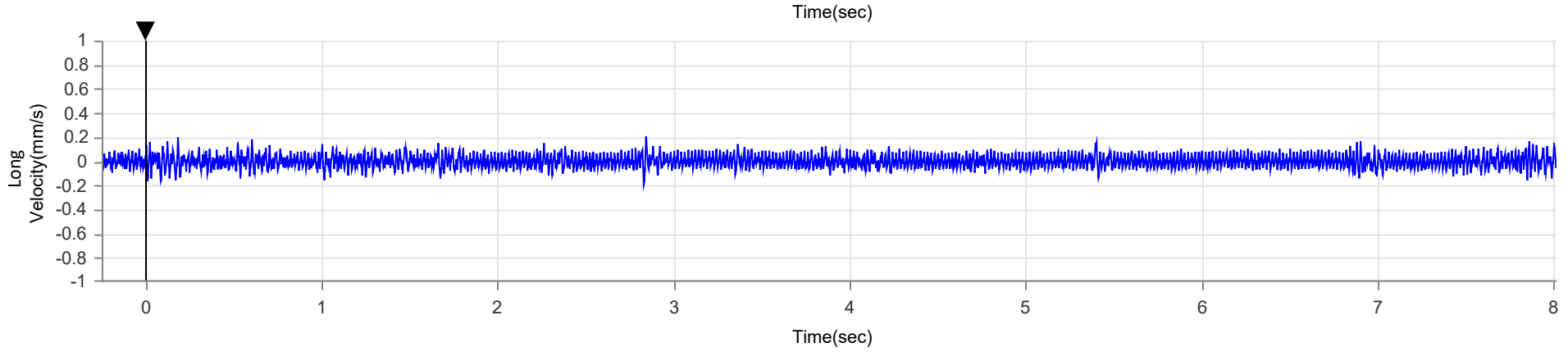
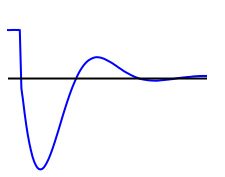




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 14:16:32	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221106141632.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

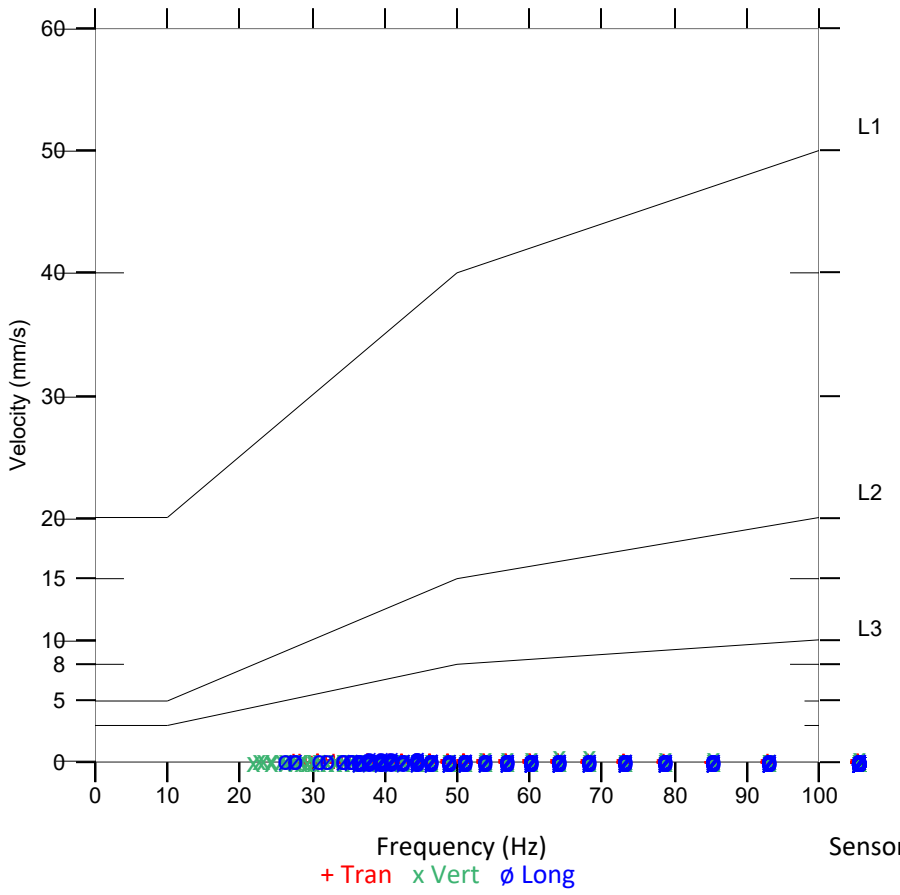
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

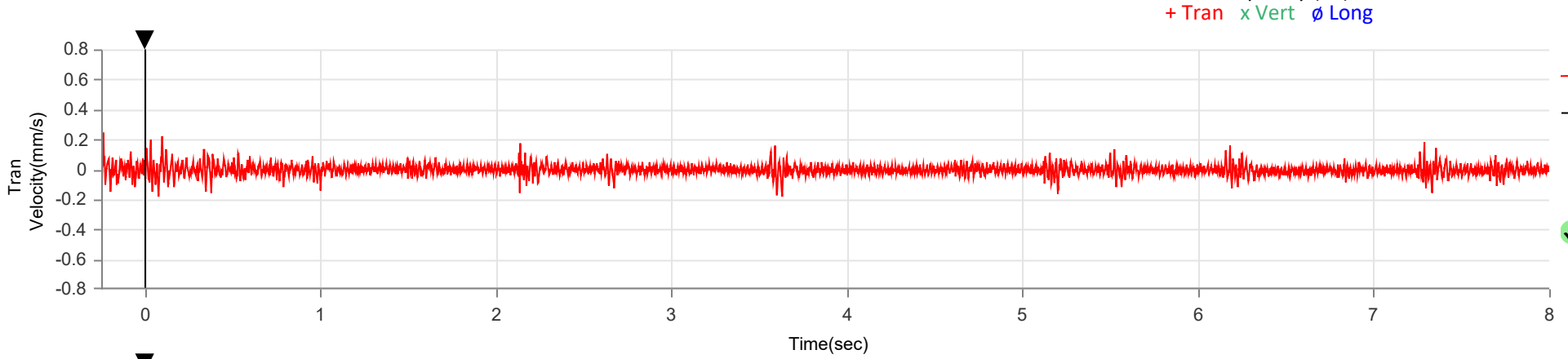
Post Event Notes No text to be displayed.

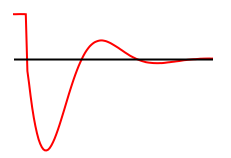
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.244 mm/s	0.504 mm/s	0.378 mm/s
Zero Crossing Frequency	36.6 Hz	64.0 Hz	41.0 Hz
Time (Relative to Trigger)	-0.236 sec	0.000 sec	0.062 sec
Peak Acceleration	0.016 g	0.025 g	0.015 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	0.508 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

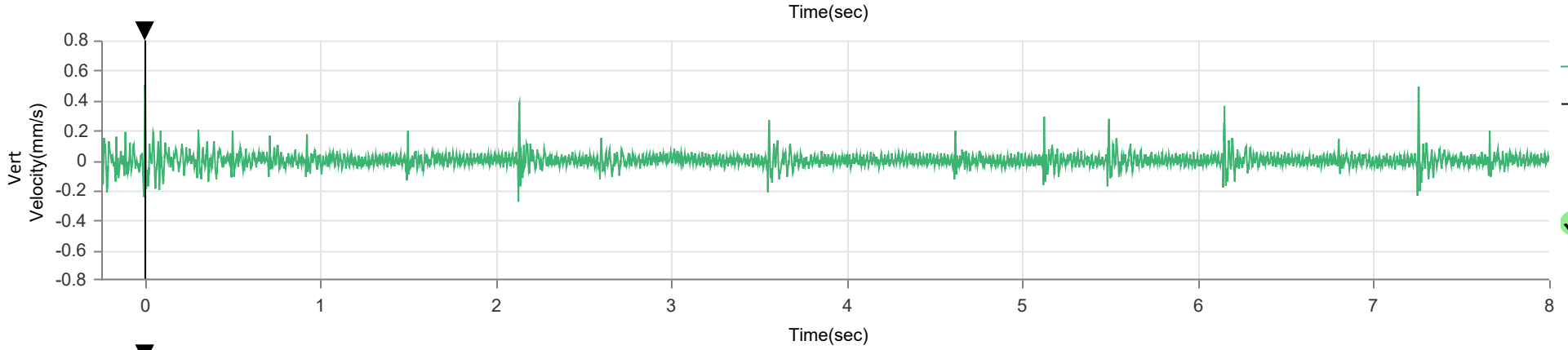


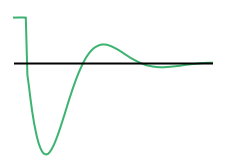
Sensor Check





✓ Passed





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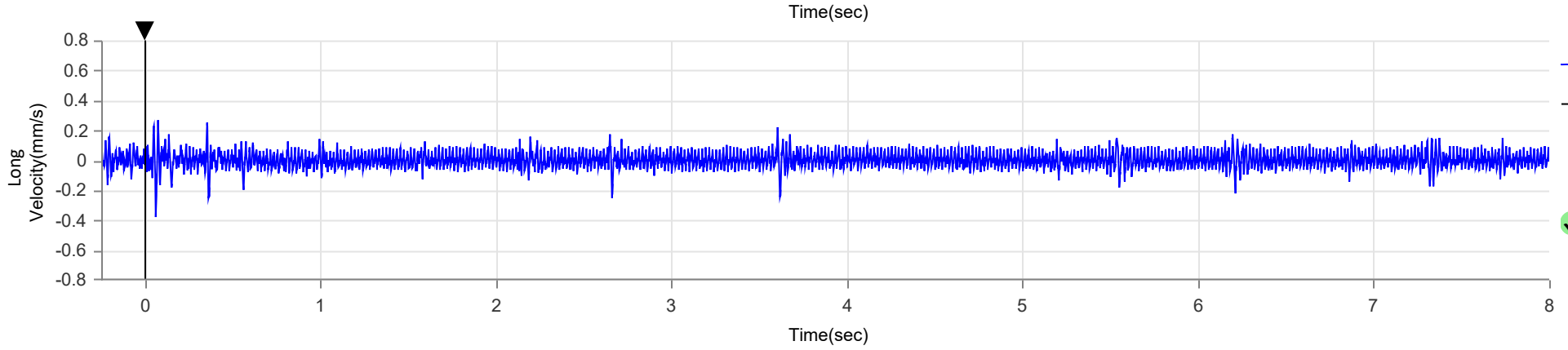

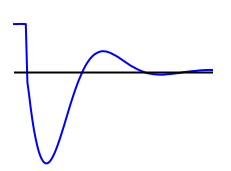

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 19:16:24	**Serial Number**	UM19254
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19254_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

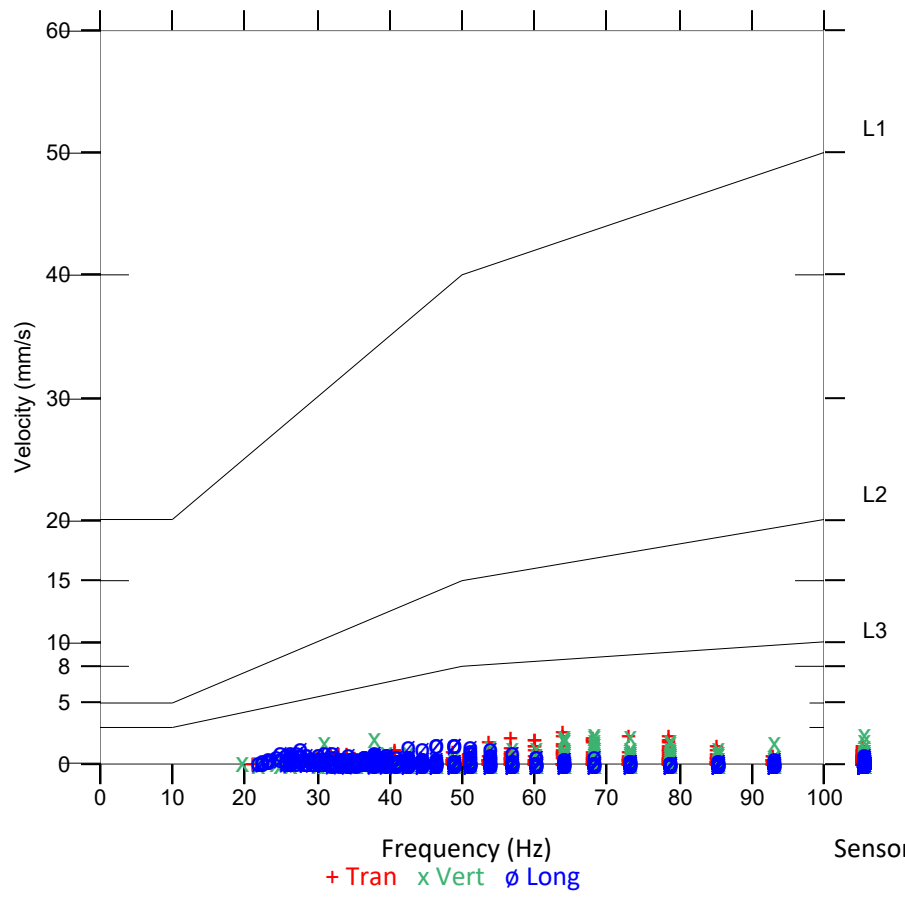
Notes

Location	MM-16, Plavje 47a
Client	
Company	
General Notes	

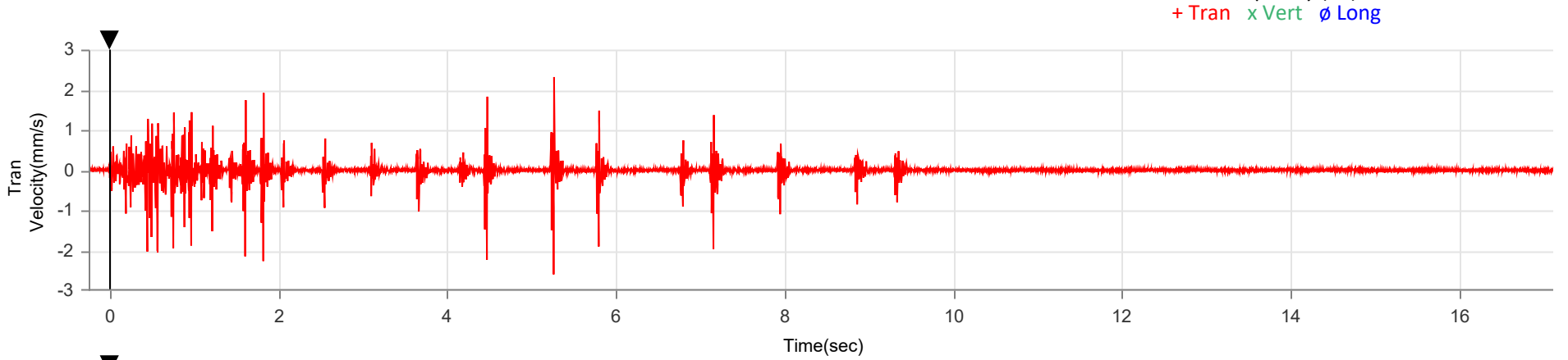
Post Event Notes No text to be displayed.

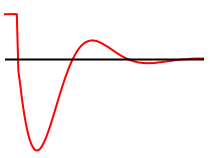
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.593 mm/s	2.506 mm/s	1.663 mm/s
Zero Crossing Frequency	64.0 Hz	64.0 Hz	46.5 Hz
Time (Relative to Trigger)	5.263 sec	7.135 sec	0.753 sec
Peak Acceleration	0.135 g	0.202 g	0.086 g
Peak Displacement	0.005 mm	0.006 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.7	4.2
Peak Vector Sum	3.067 mm/s at 5.263 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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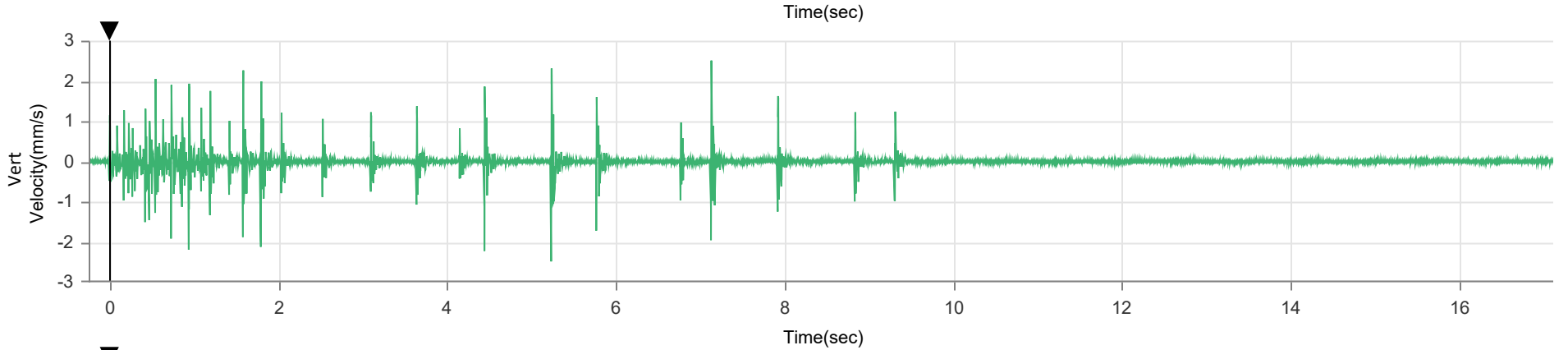

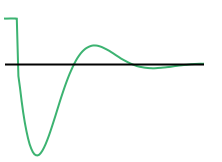

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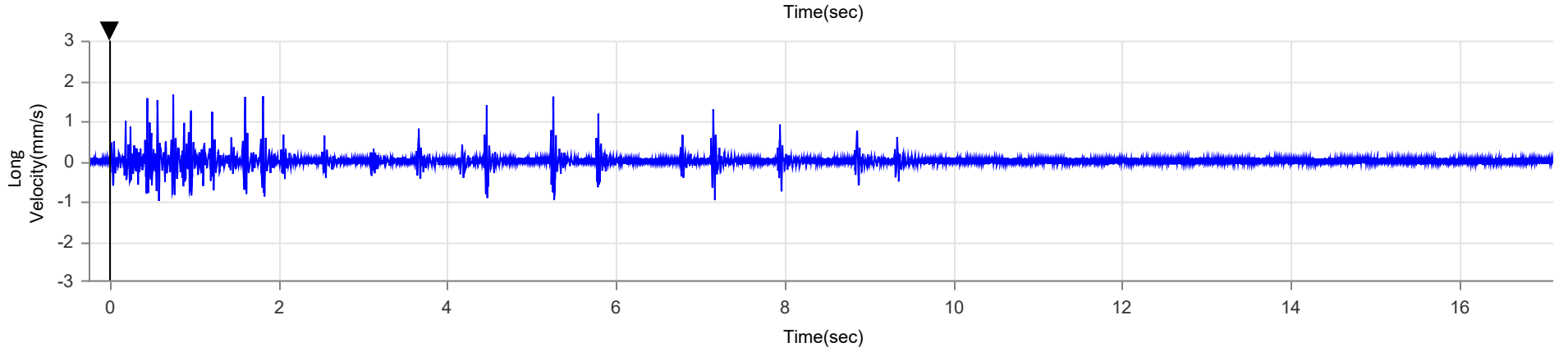

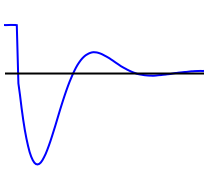

✓ Passed

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PRILOGA 1.6:
Rezultati meritev

- MM-19 (Plavje 43b) -

Waveform Trigger Source	Tran at November 1, 2022 12:57:30	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221101125730.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

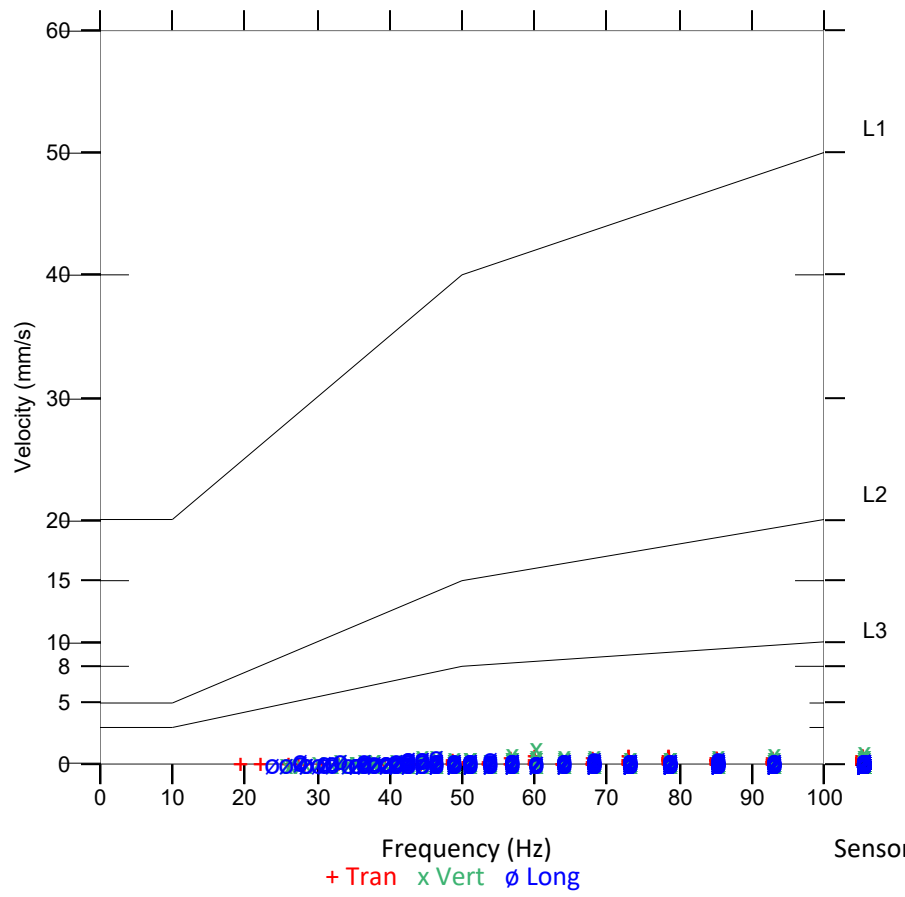
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

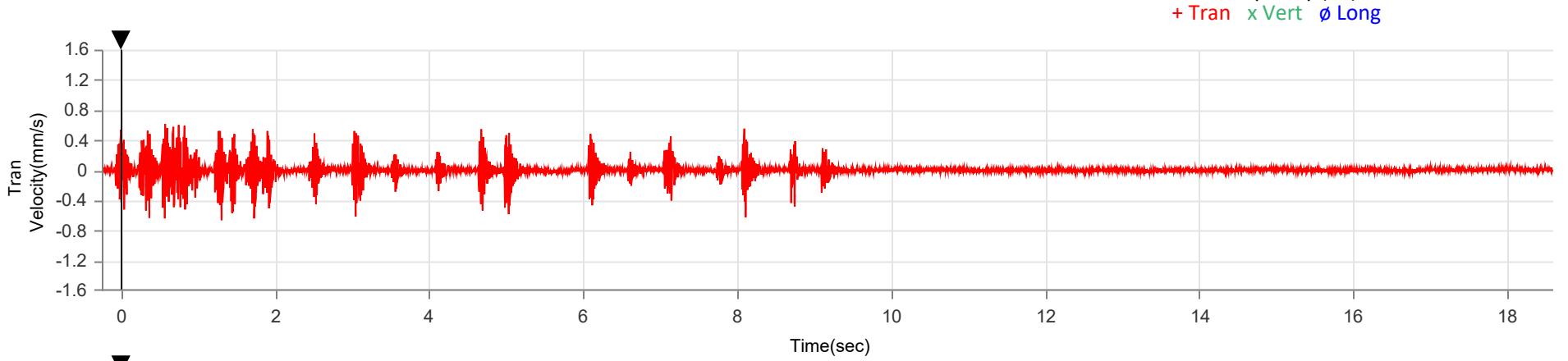
Post Event Notes No text to be displayed.

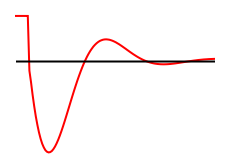
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.662 mm/s	1.237 mm/s	0.646 mm/s
Zero Crossing Frequency	73.1 Hz	60.2 Hz	46.5 Hz
Time (Relative to Trigger)	1.305 sec	0.544 sec	0.583 sec
Peak Acceleration	0.071 g	0.069 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.253 mm/s at 0.544 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

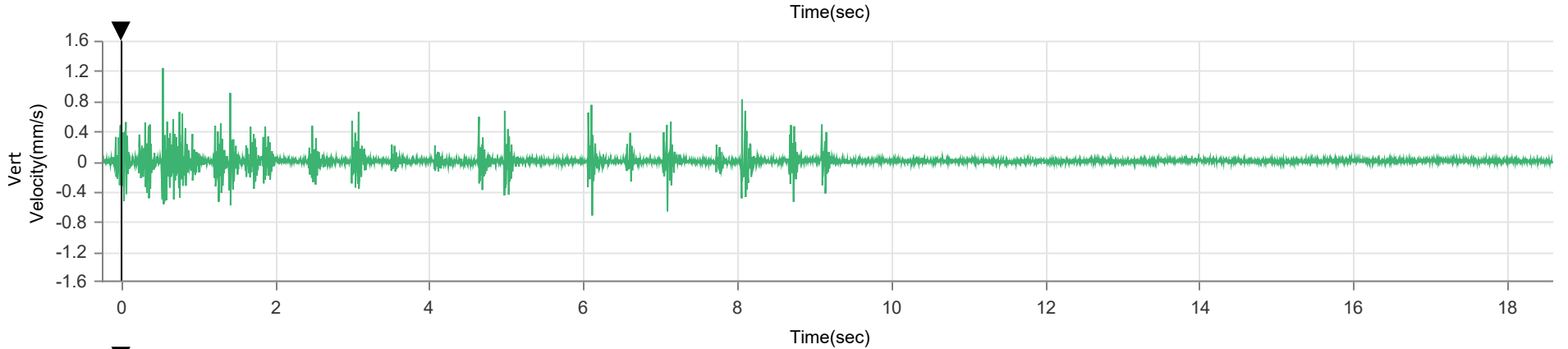


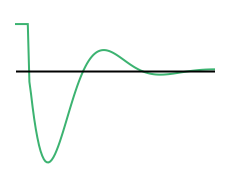
Sensor Check





✓ Passed





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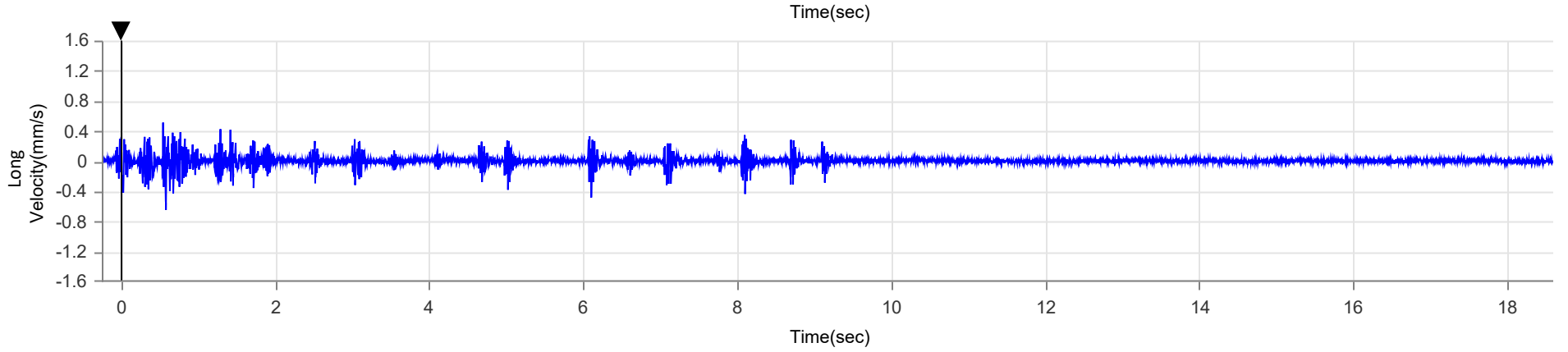

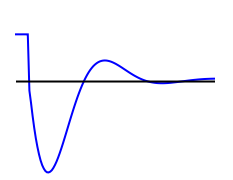

✓ Passed

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Waveform Trigger Source	Tran at November 1, 2022 13:00:10	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

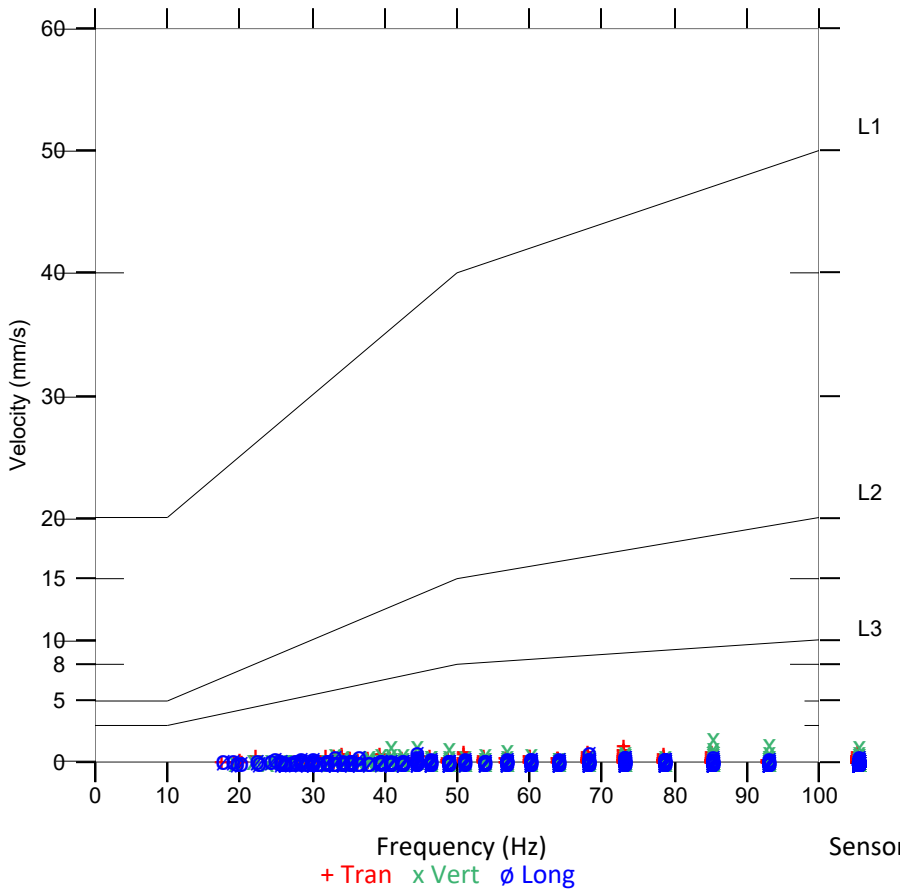
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

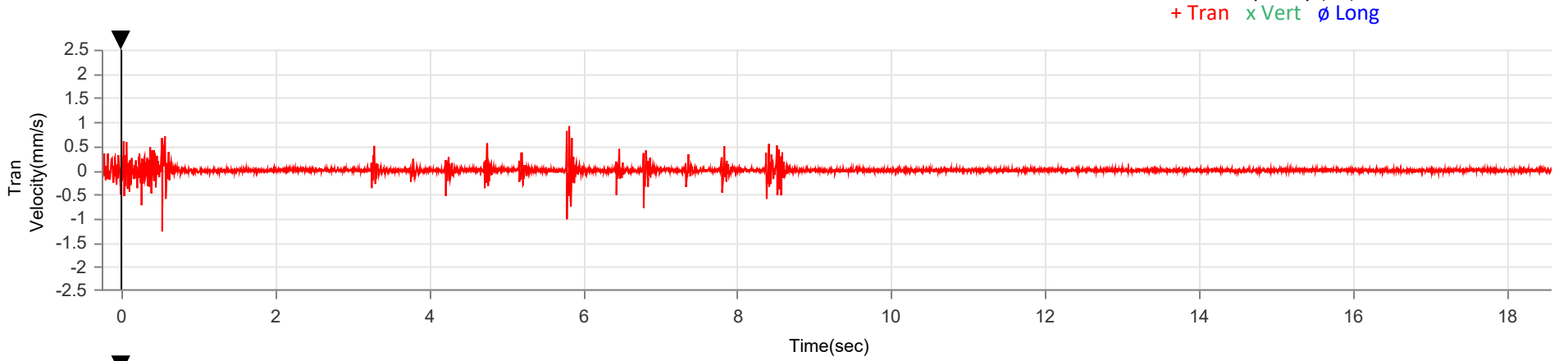
Post Event Notes No text to be displayed.

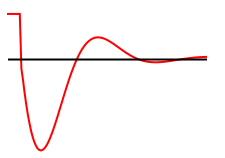
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.269 mm/s	1.923 mm/s	0.899 mm/s
Zero Crossing Frequency	73.1 Hz	85.3 Hz	68.3 Hz
Time (Relative to Trigger)	0.537 sec	0.535 sec	5.825 sec
Peak Acceleration	0.110 g	0.143 g	0.059 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.946 mm/s at 0.536 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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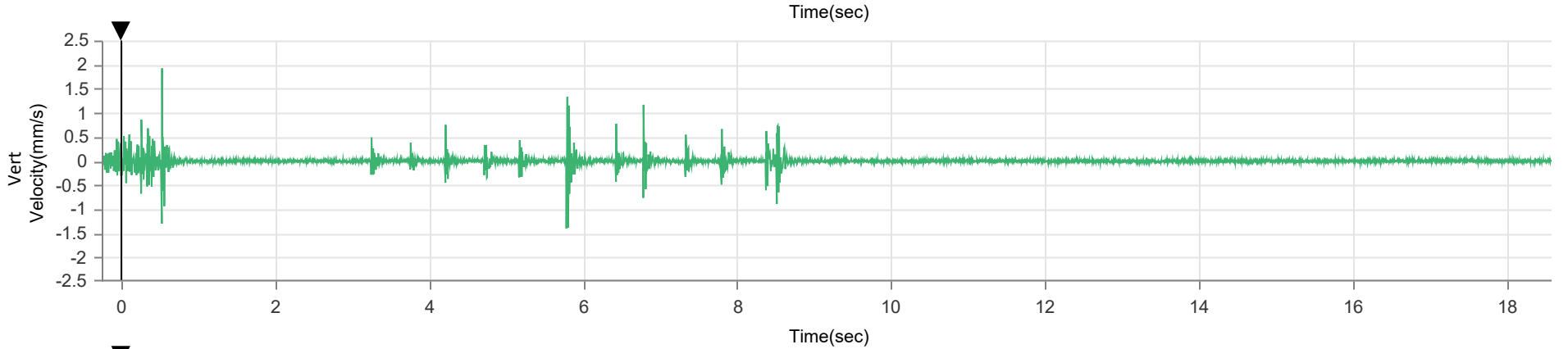
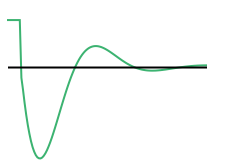
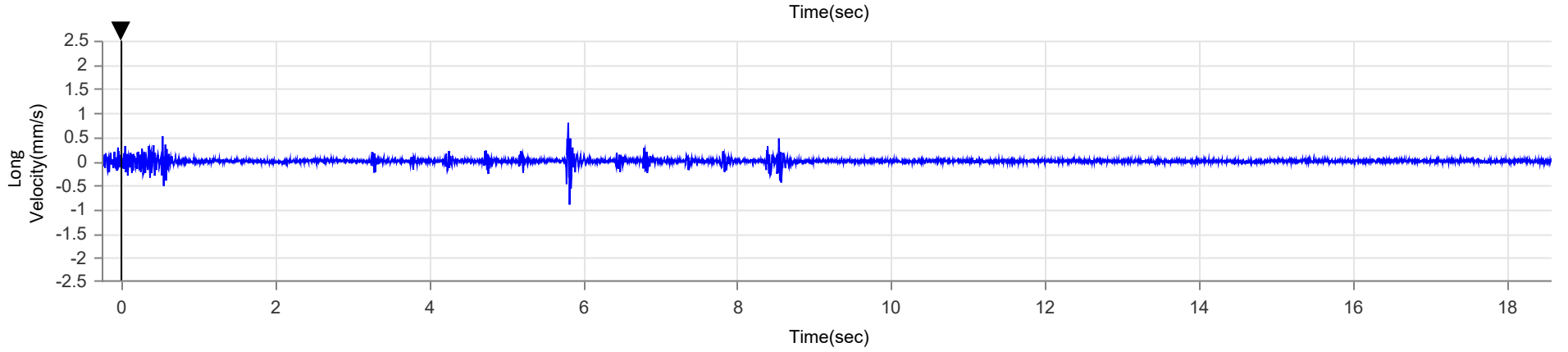
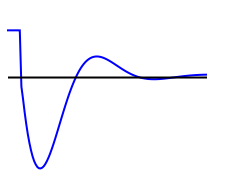




✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 15:19:14	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221101151914.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

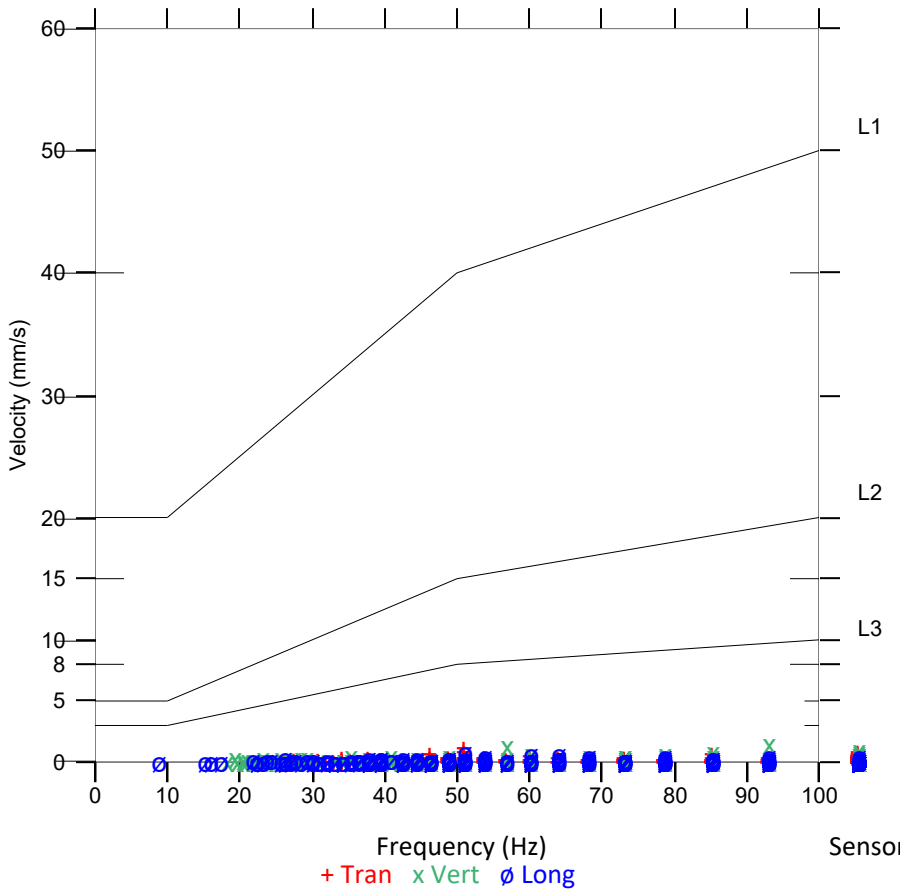
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

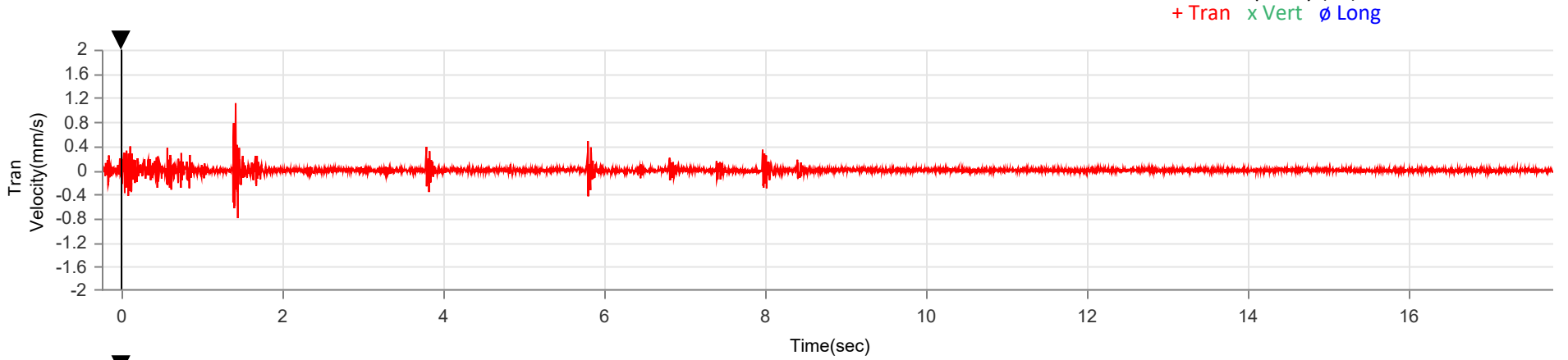
Post Event Notes No text to be displayed.

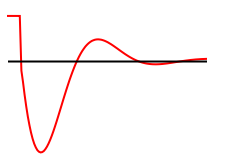
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.111 mm/s	1.505 mm/s	0.765 mm/s
Zero Crossing Frequency	51.2 Hz	93.1 Hz	51.2 Hz
Time (Relative to Trigger)	1.416 sec	1.385 sec	1.419 sec
Peak Acceleration	0.095 g	0.140 g	0.051 g
Peak Displacement	0.003 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.662 mm/s at 1.385 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

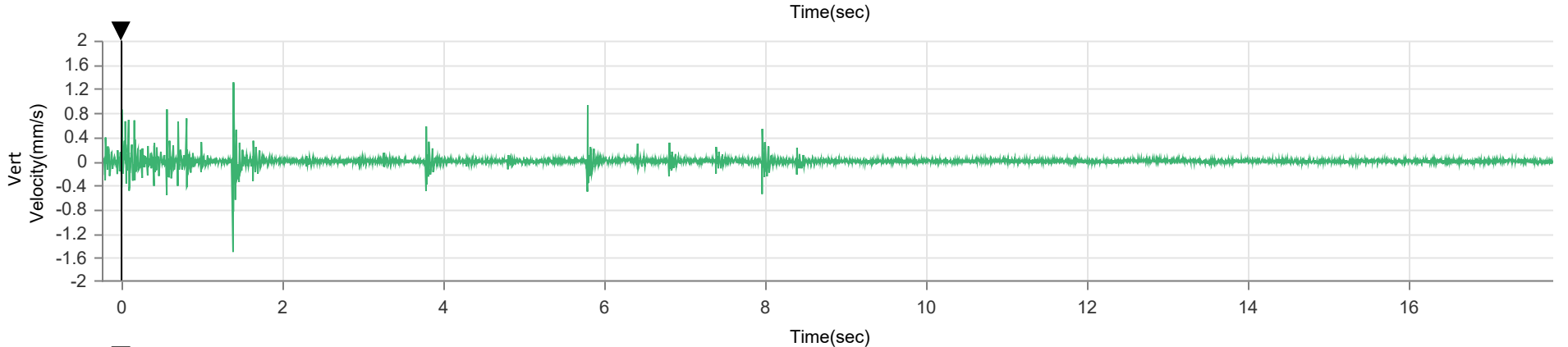


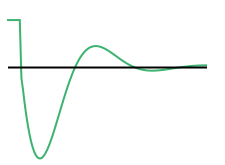
Sensor Check



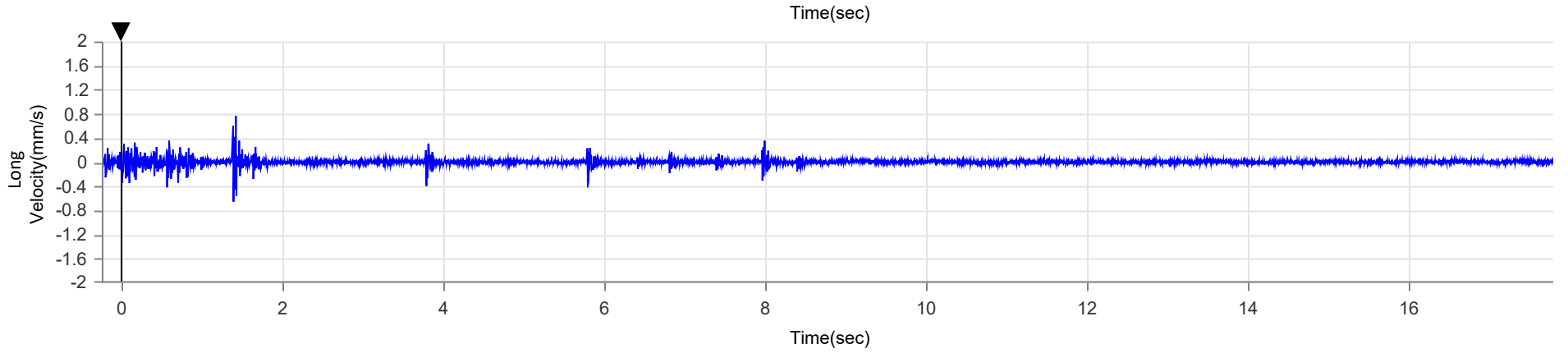


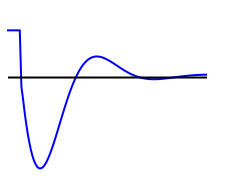
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 10:17:42	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221102101742.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

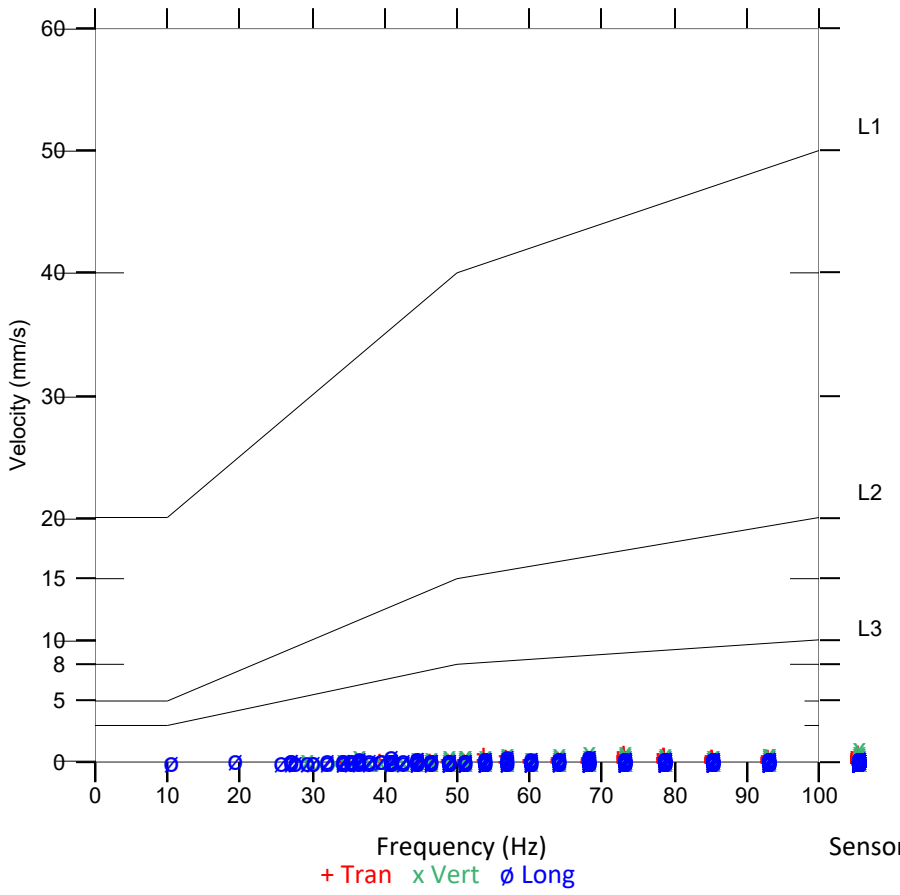
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

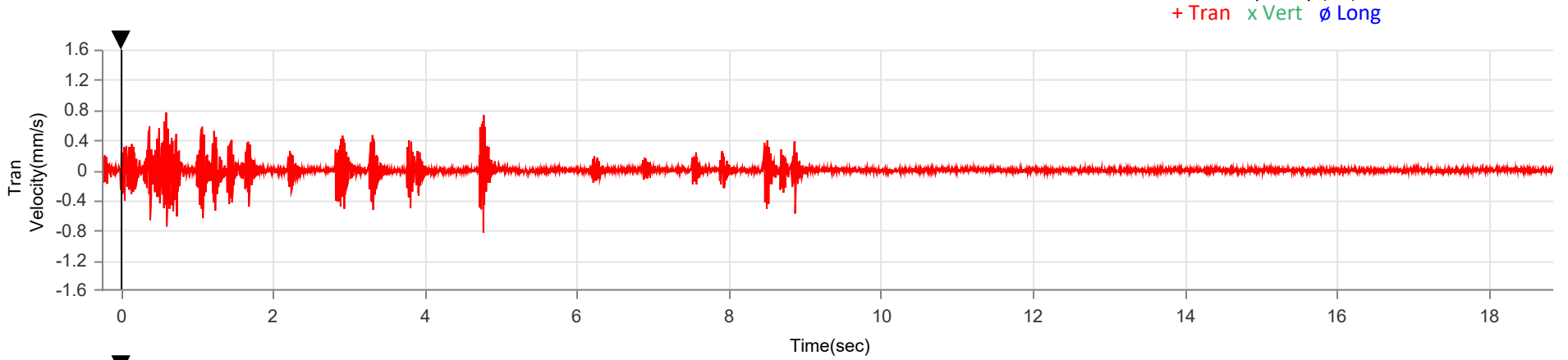
Post Event Notes No text to be displayed.

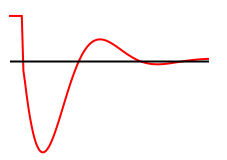
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.828 mm/s	1.159 mm/s	0.449 mm/s
Zero Crossing Frequency	73.1 Hz	>100 Hz	73.1 Hz
Time (Relative to Trigger)	4.773 sec	4.721 sec	0.109 sec
Peak Acceleration	0.081 g	0.079 g	0.038 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.169 mm/s at 4.721 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

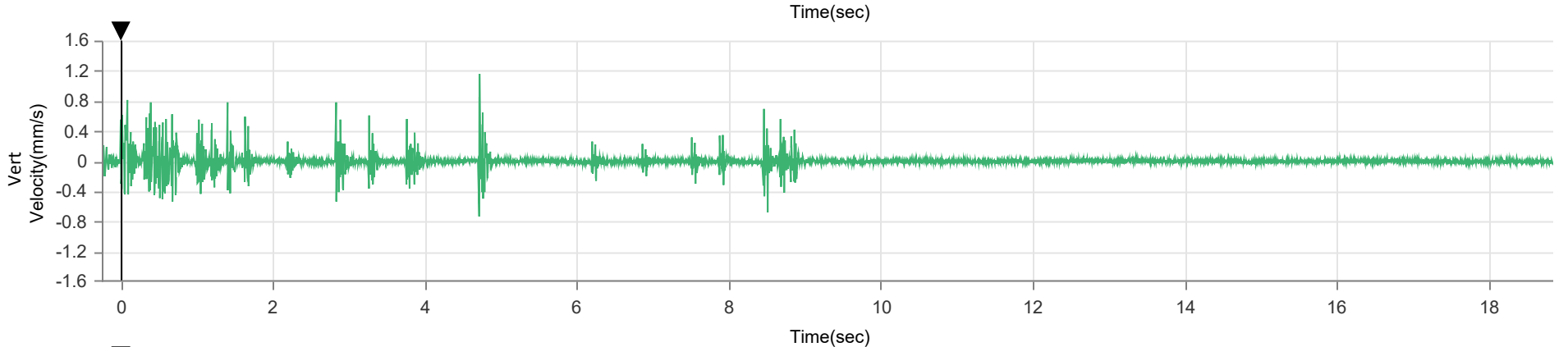


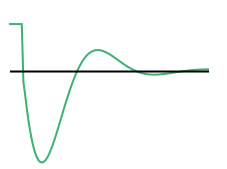
Sensor Check





✓ Passed





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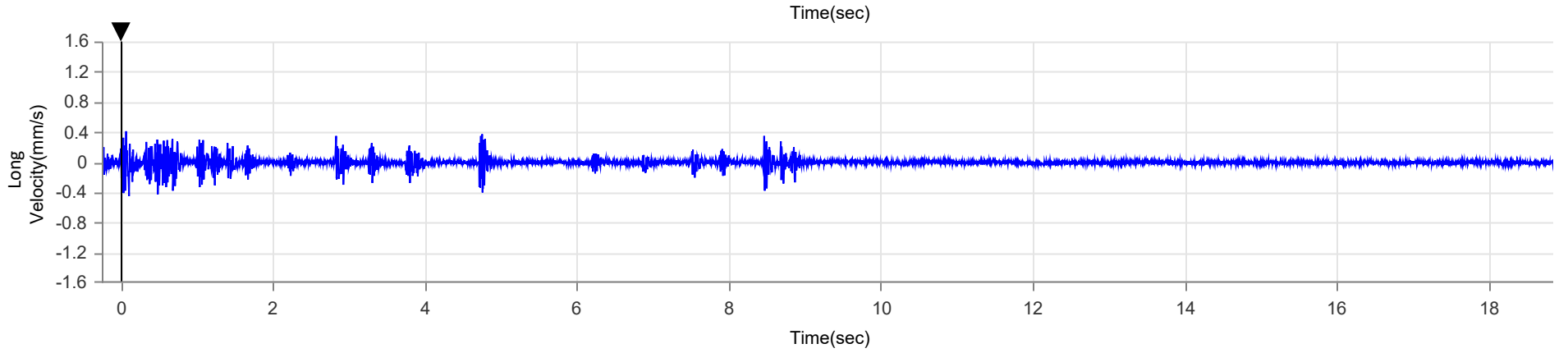
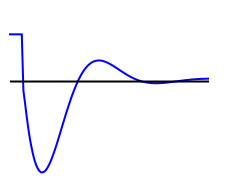




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 11:24:57	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221102112457.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

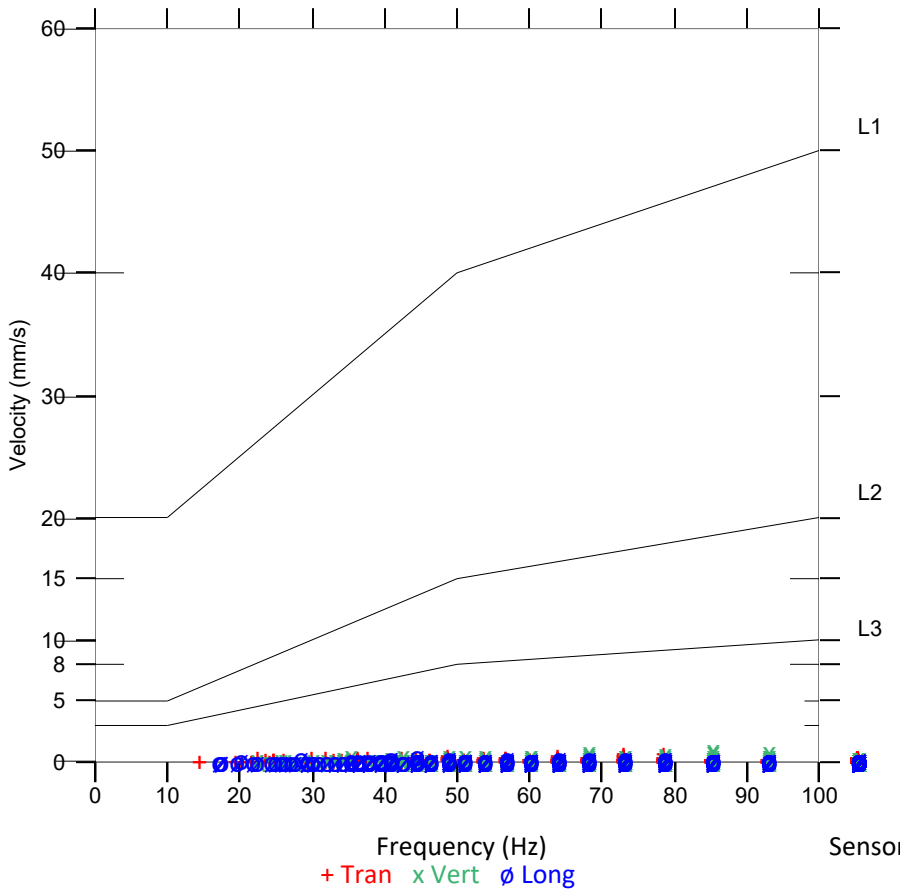
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

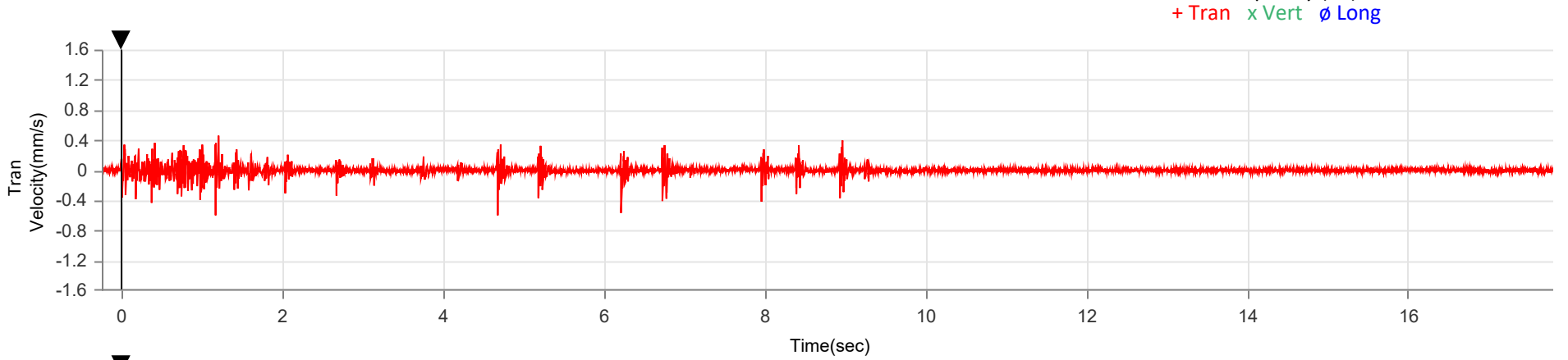
Post Event Notes No text to be displayed.

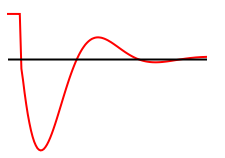
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.599 mm/s	0.930 mm/s	0.426 mm/s
Zero Crossing Frequency	78.8 Hz	85.3 Hz	44.5 Hz
Time (Relative to Trigger)	1.166 sec	1.164 sec	6.761 sec
Peak Acceleration	0.049 g	0.064 g	0.025 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.934 mm/s at 1.164 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

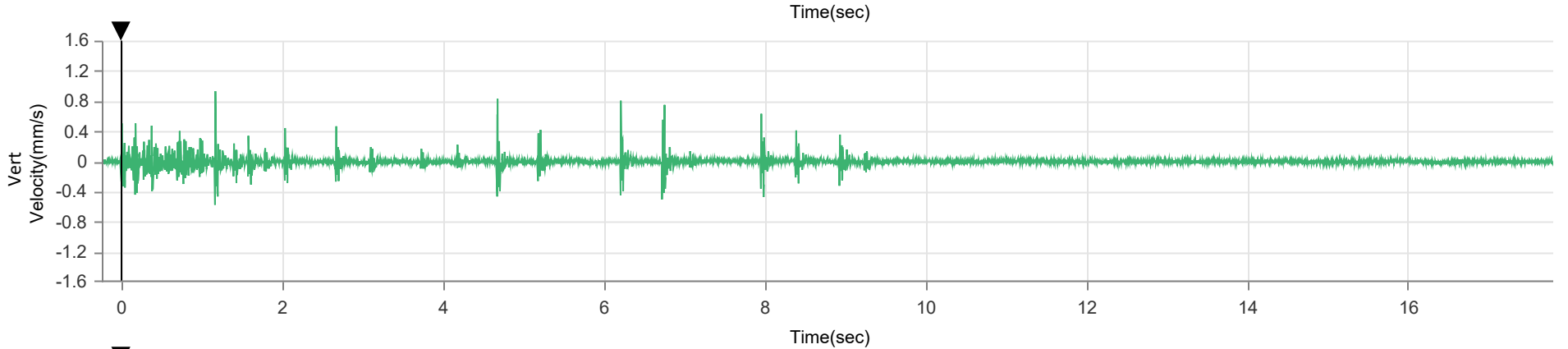


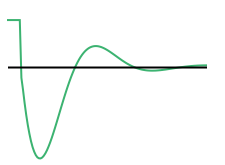
Sensor Check





✓ Passed





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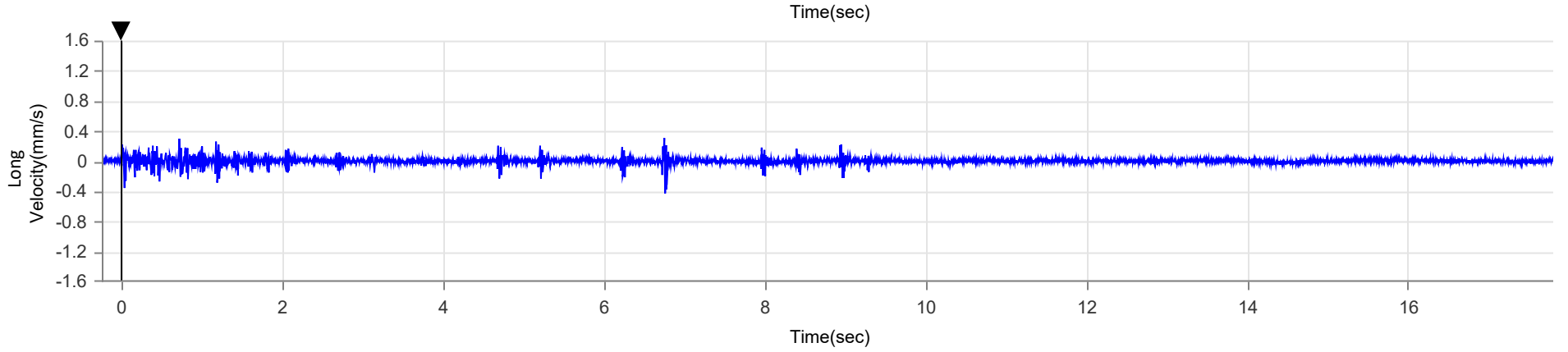
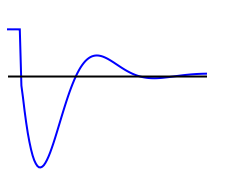




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

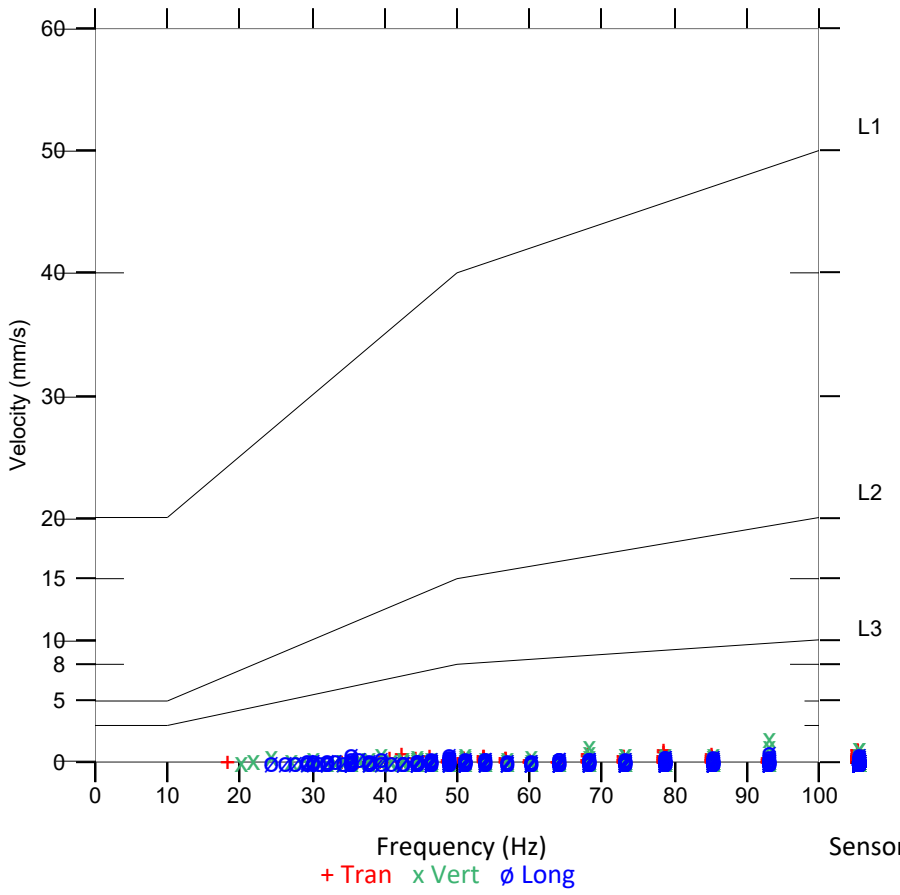
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

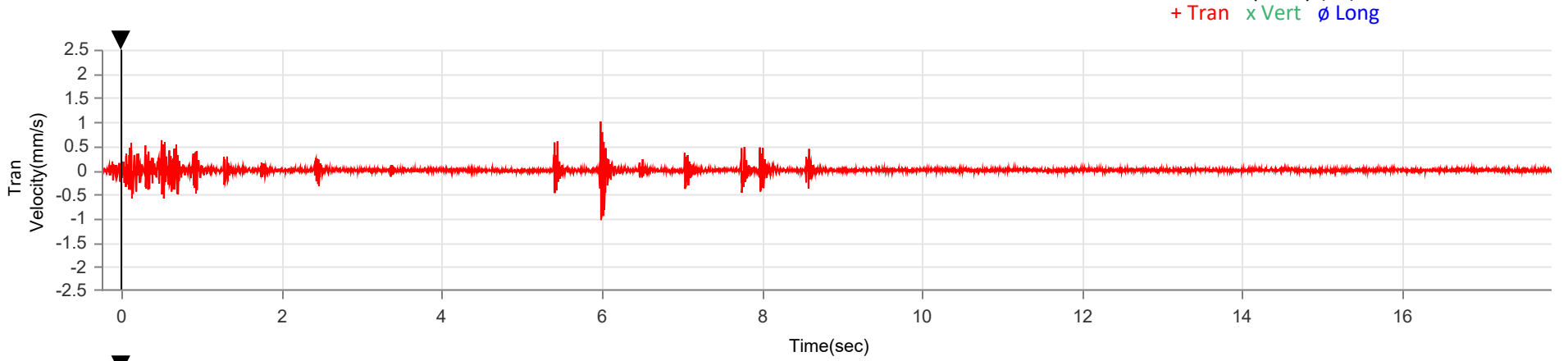
Post Event Notes No text to be displayed.

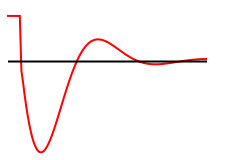
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.033 mm/s	1.970 mm/s	0.749 mm/s
Zero Crossing Frequency	>100 Hz	93.1 Hz	93.1 Hz
Time (Relative to Trigger)	5.992 sec	0.498 sec	0.499 sec
Peak Acceleration	0.146 g	0.145 g	0.054 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	2.026 mm/s at 0.498 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

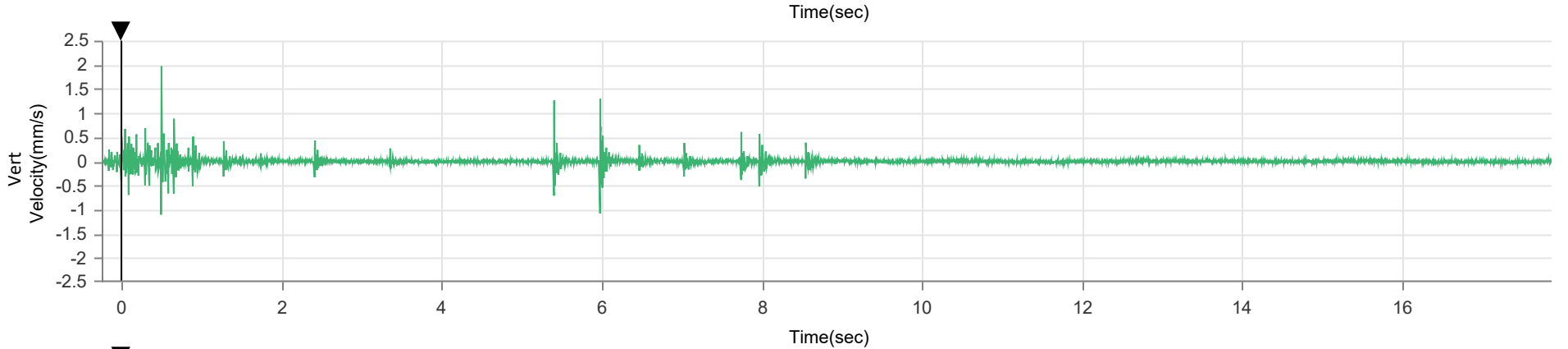


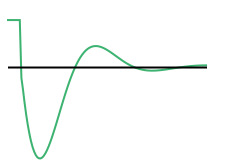
Sensor Check





✓ Passed





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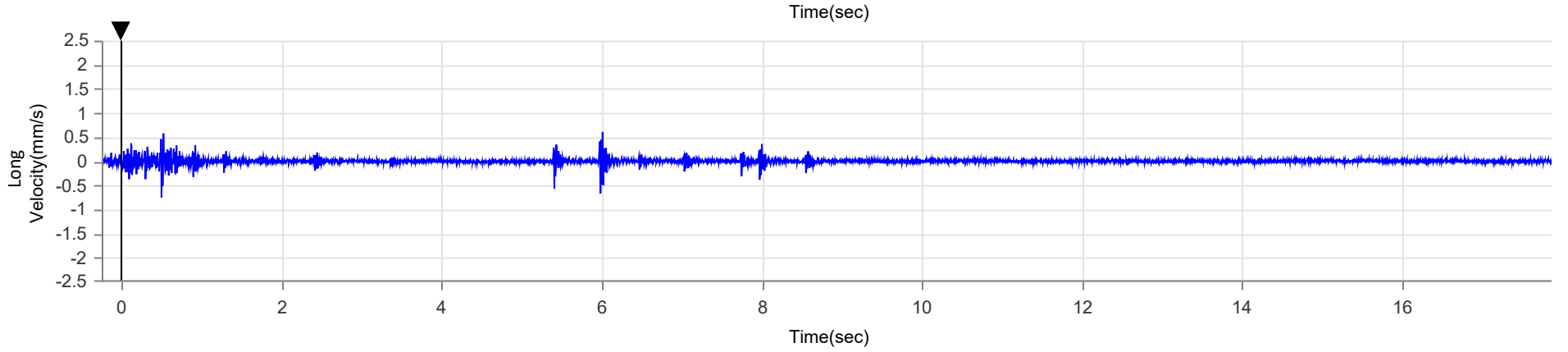
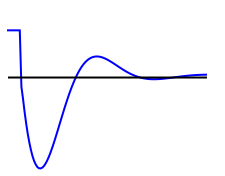




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:13	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

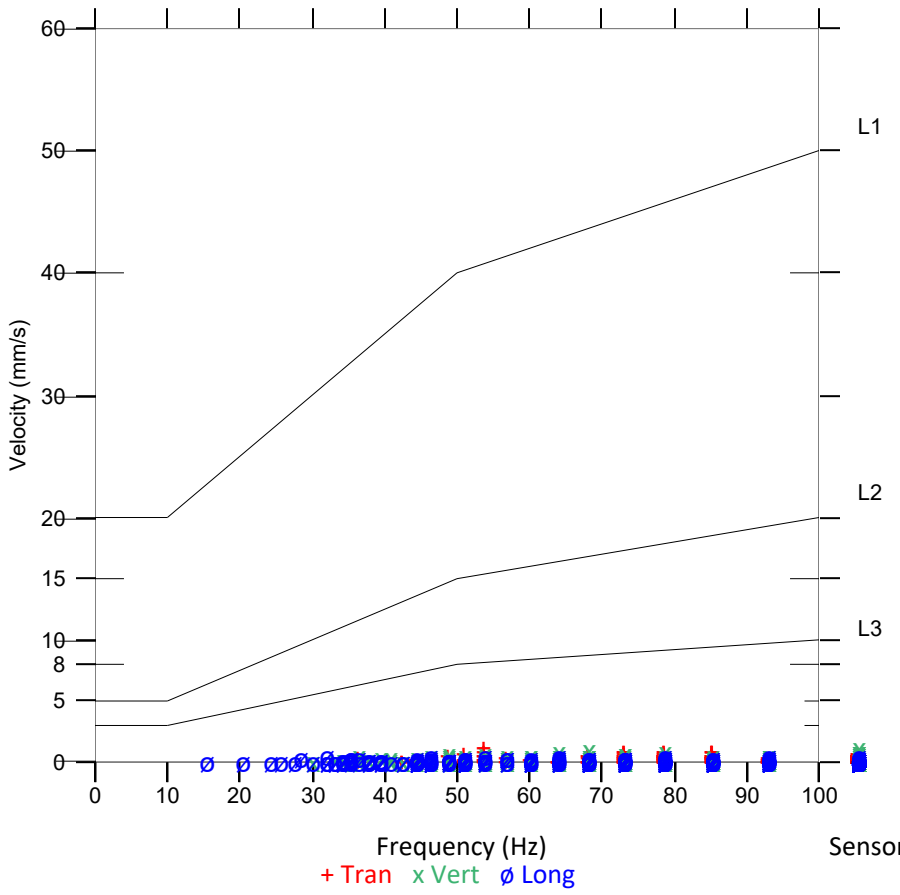
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

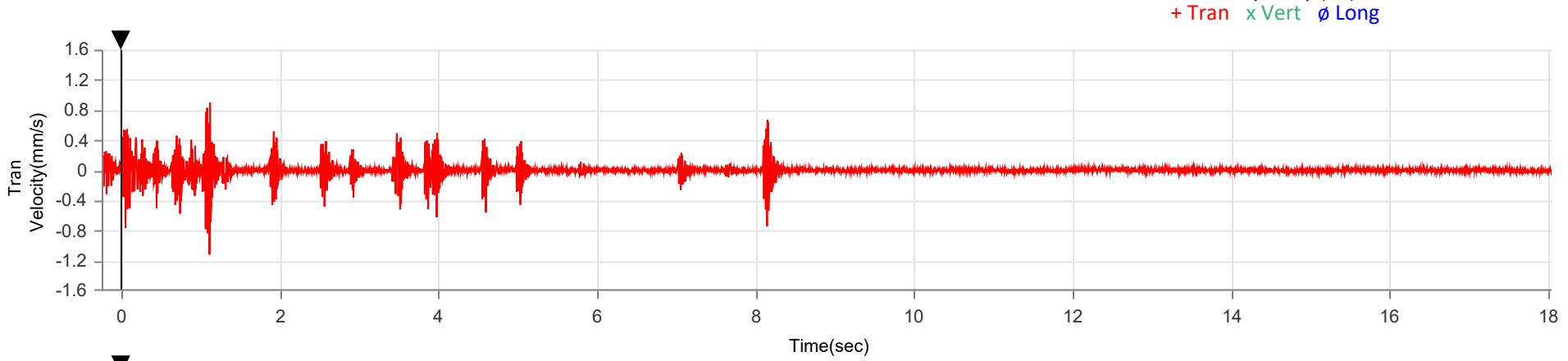
Post Event Notes No text to be displayed.

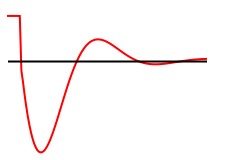
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.119 mm/s	1.088 mm/s	0.528 mm/s
Zero Crossing Frequency	53.9 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	1.111 sec	1.060 sec	8.106 sec
Peak Acceleration	0.081 g	0.069 g	0.043 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.205 mm/s at 1.111 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

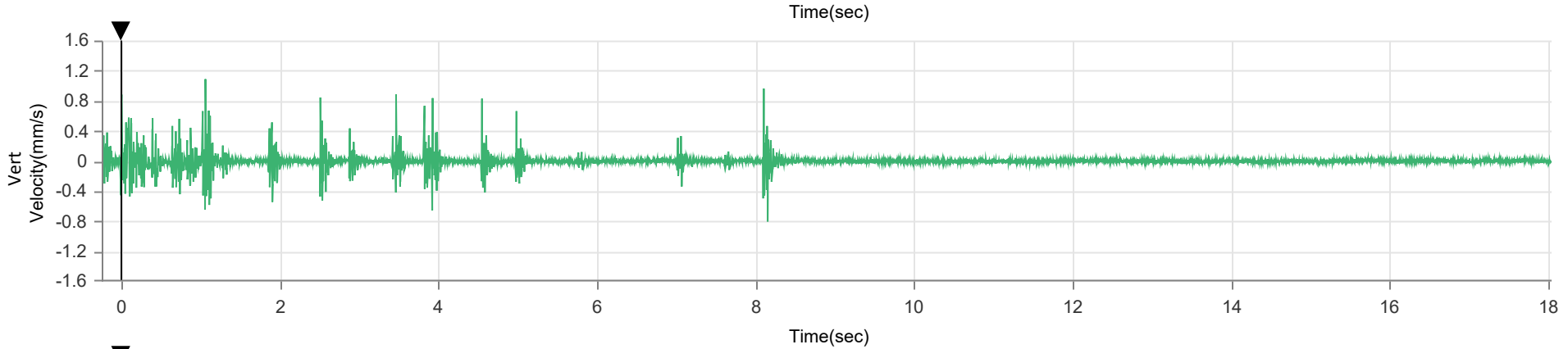


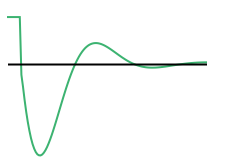
Sensor Check



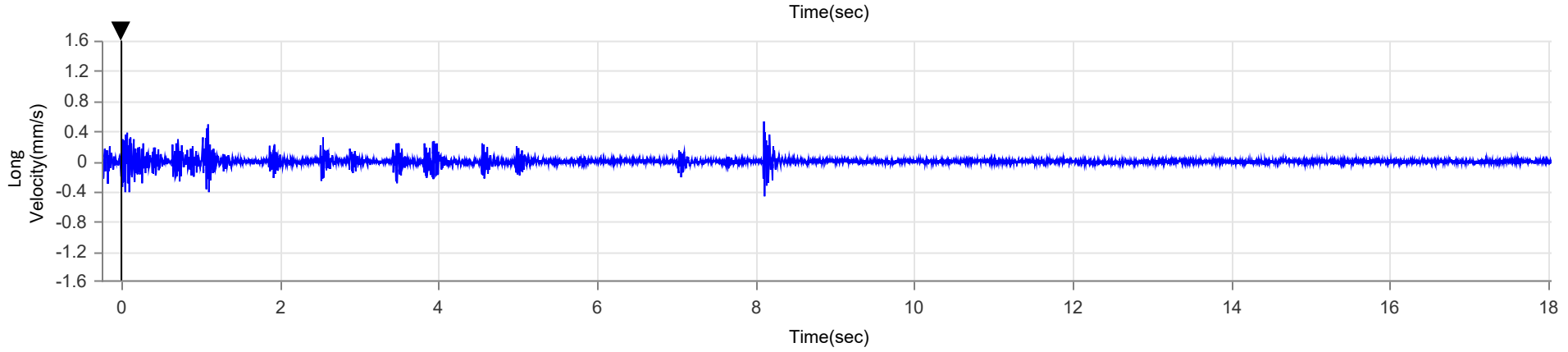


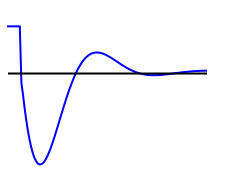
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 10:57:49	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221103105749.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

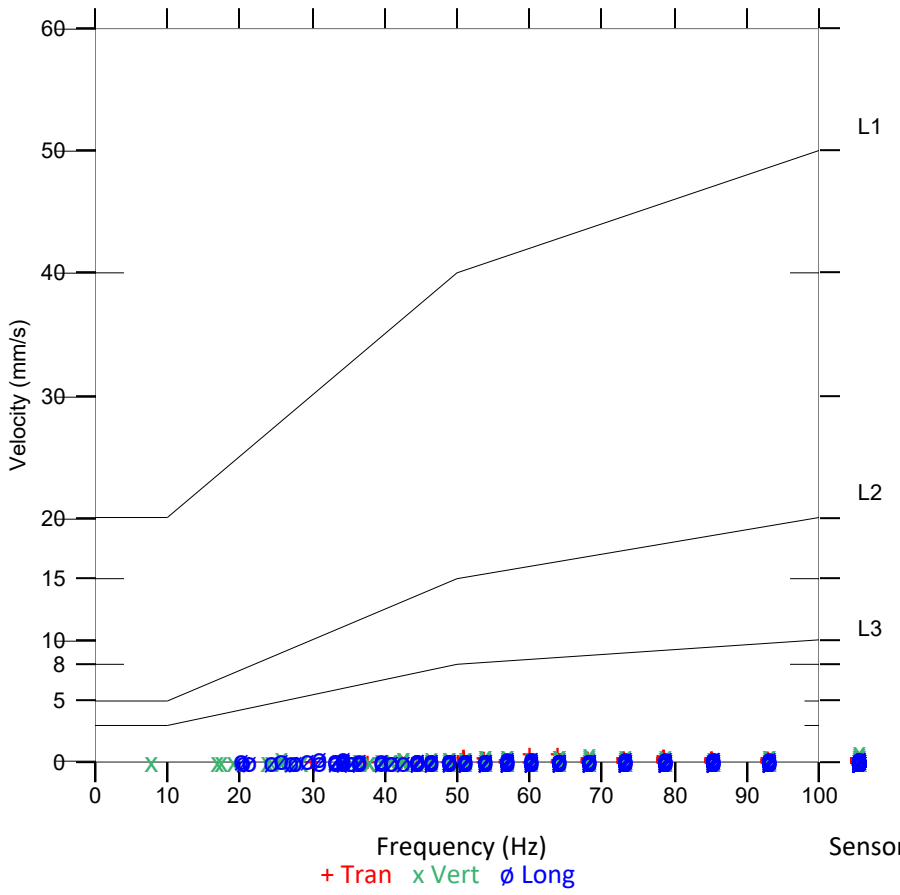
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

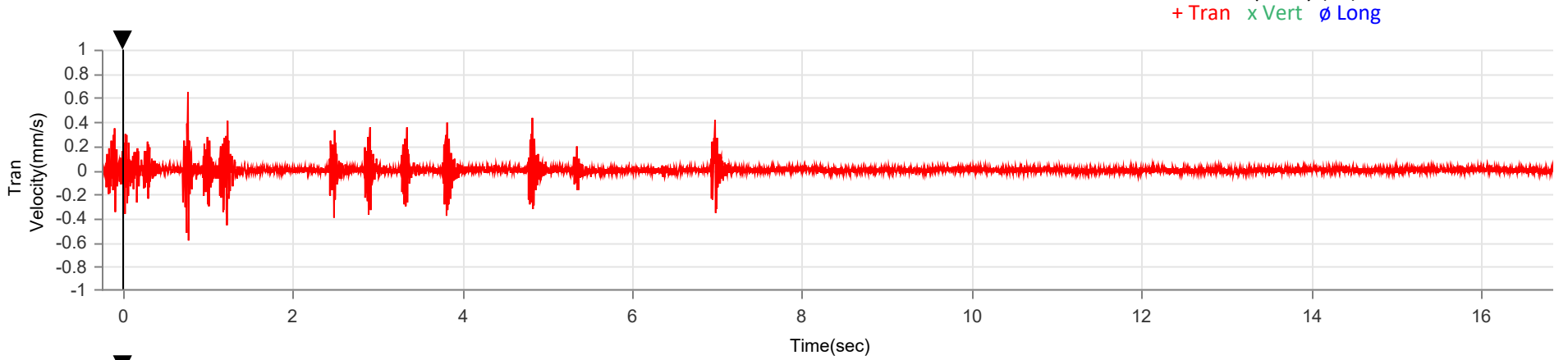
Post Event Notes No text to be displayed.

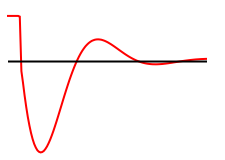
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.646 mm/s	0.780 mm/s	0.315 mm/s
Zero Crossing Frequency	60.2 Hz	>100 Hz	73.1 Hz
Time (Relative to Trigger)	0.767 sec	1.175 sec	0.726 sec
Peak Acceleration	0.044 g	0.053 g	0.026 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.784 mm/s at 1.175 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

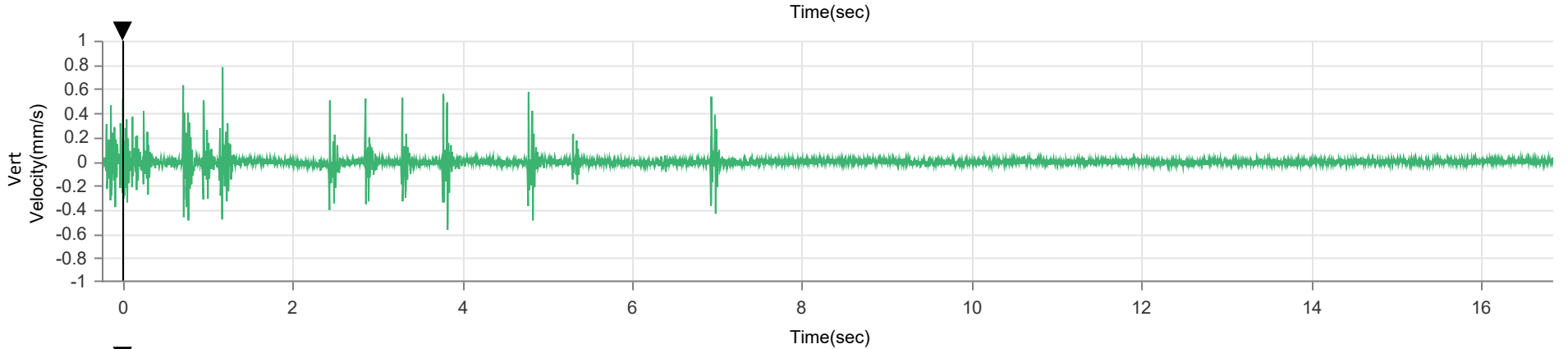


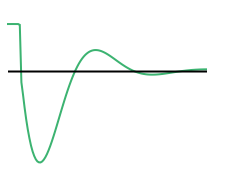
Sensor Check





✓ Passed





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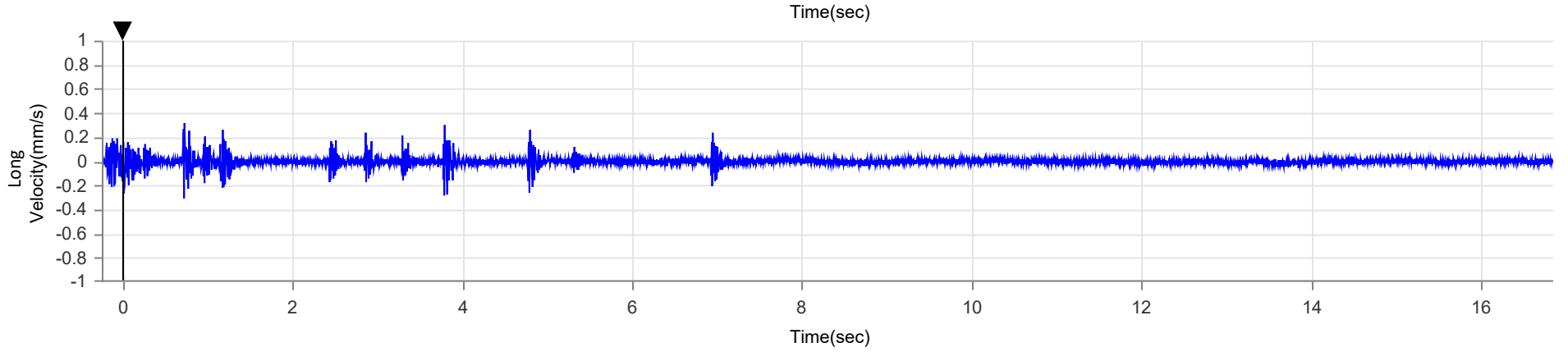
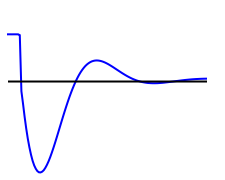




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:40	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

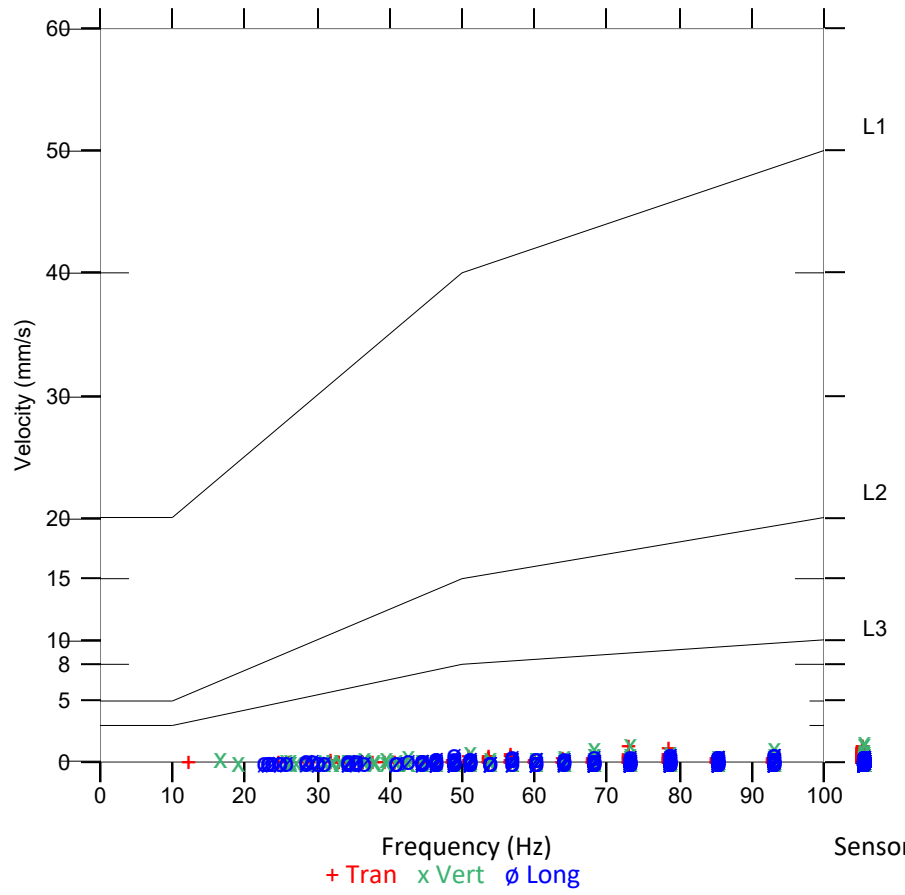
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

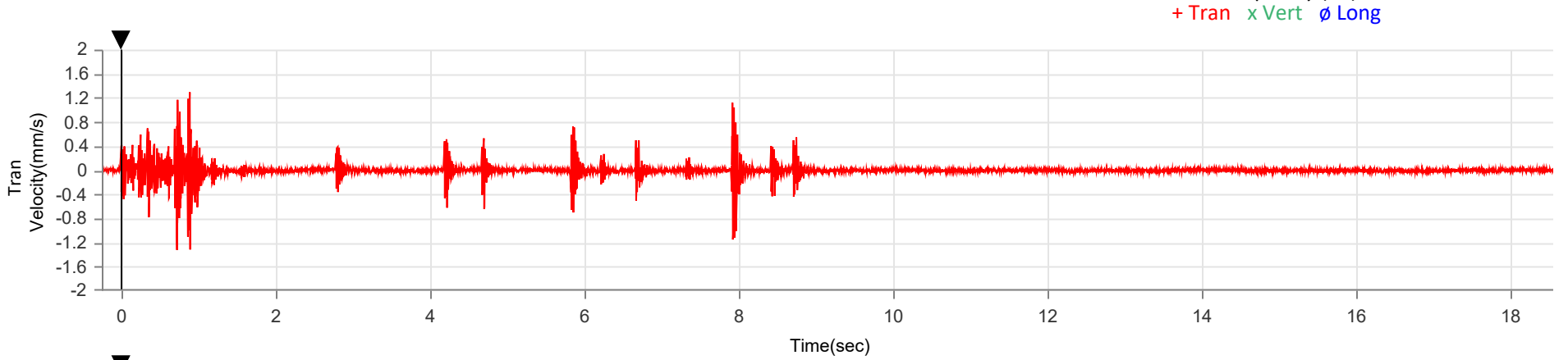
Post Event Notes No text to be displayed.

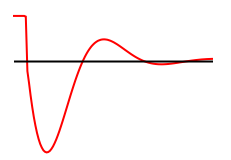
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.324 mm/s	1.584 mm/s	0.709 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.726 sec	0.861 sec	0.863 sec
Peak Acceleration	0.166 g	0.130 g	0.074 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.715 mm/s at 0.861 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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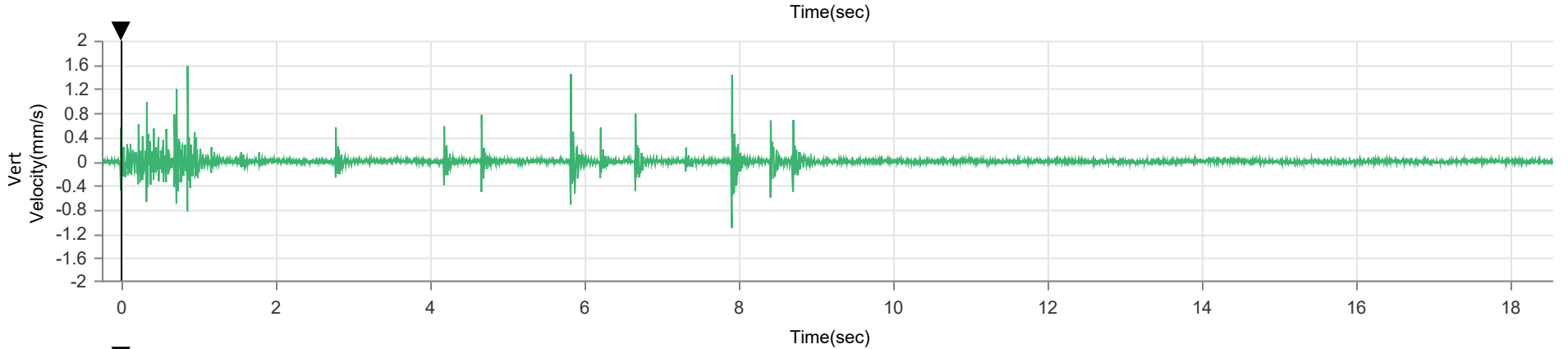

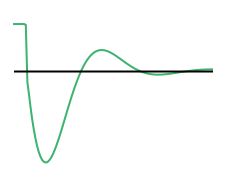

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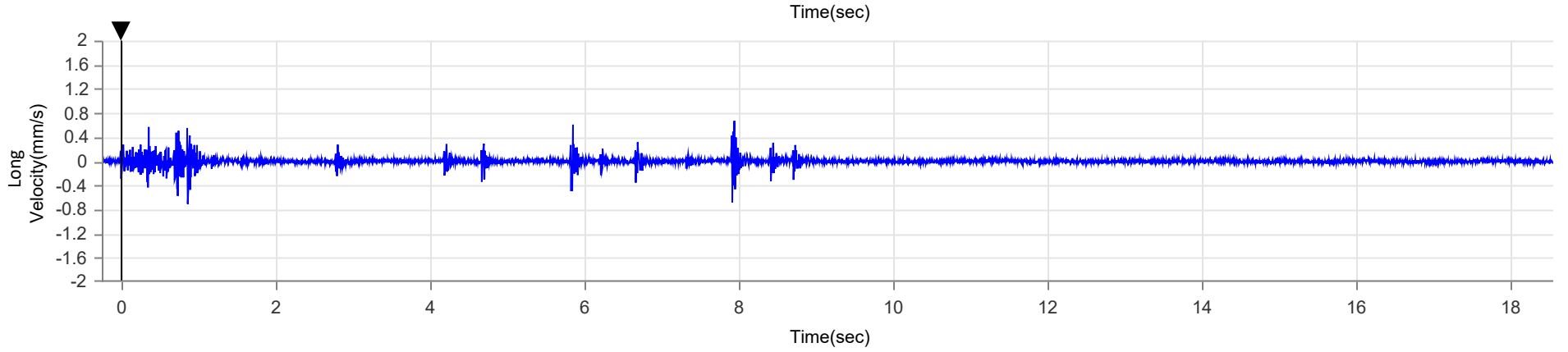
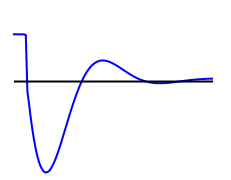




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 14:11:24	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/12.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221103141124.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

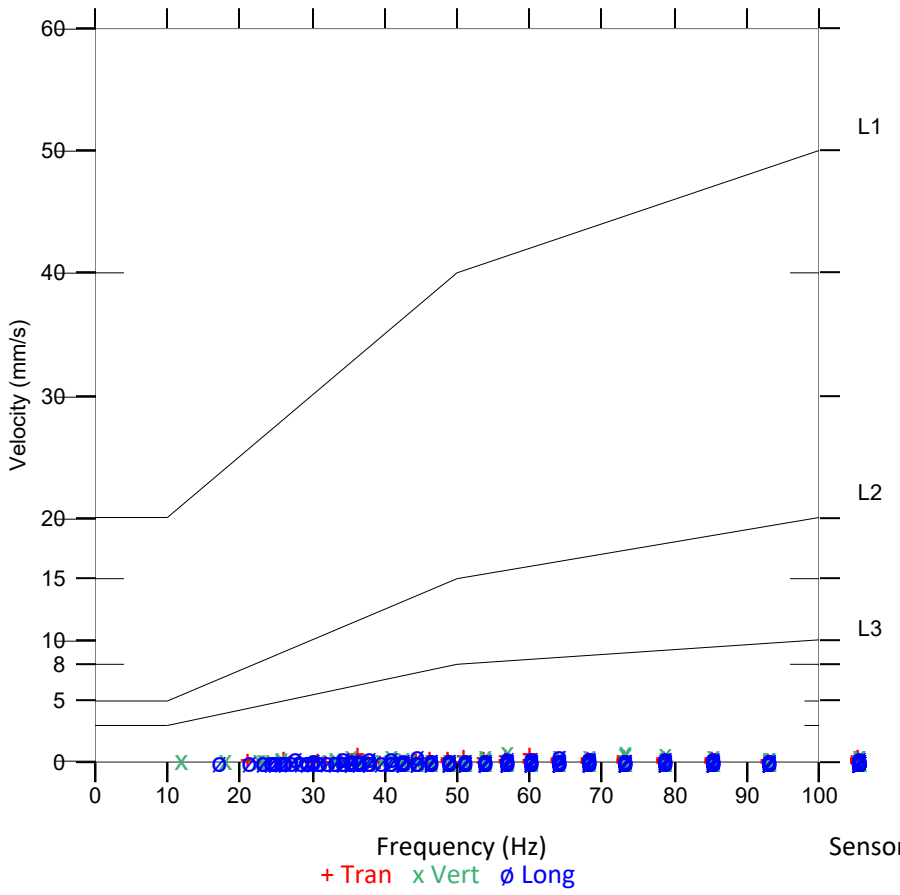
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

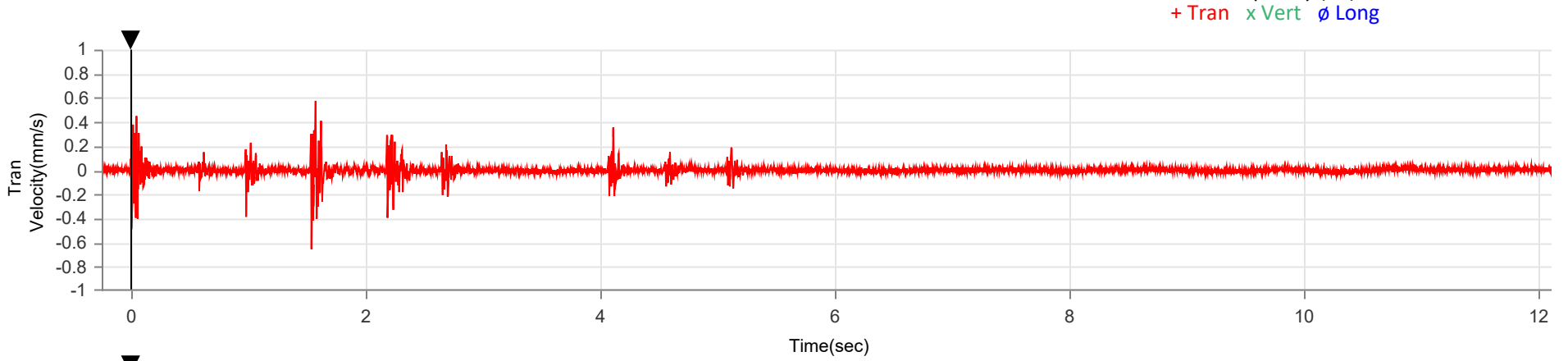
Post Event Notes No text to be displayed.

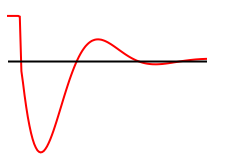
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.654 mm/s	0.883 mm/s	0.560 mm/s
Zero Crossing Frequency	64.0 Hz	56.9 Hz	68.3 Hz
Time (Relative to Trigger)	1.540 sec	1.539 sec	0.030 sec
Peak Acceleration	0.059 g	0.054 g	0.033 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.049 mm/s at 1.540 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

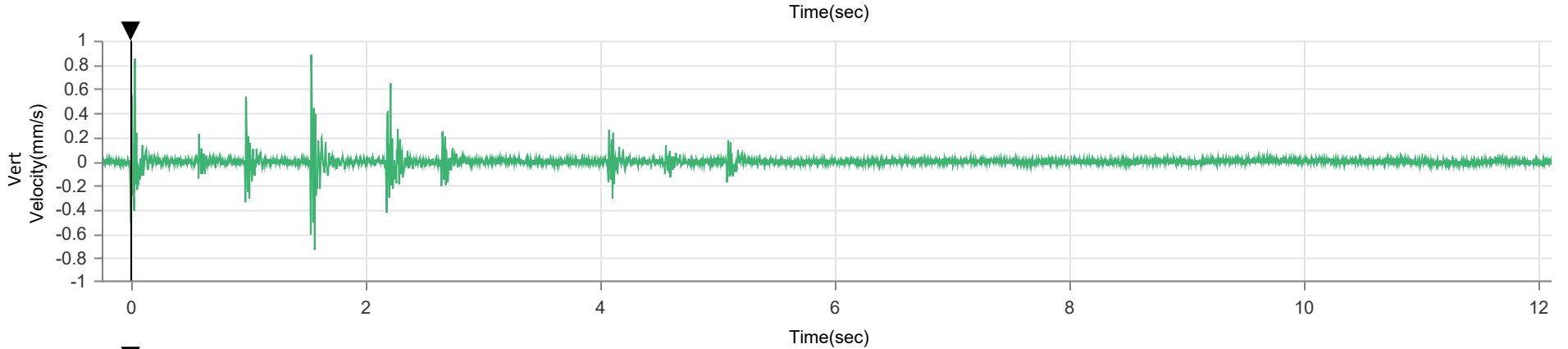


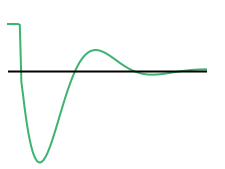
Sensor Check





✓ Passed





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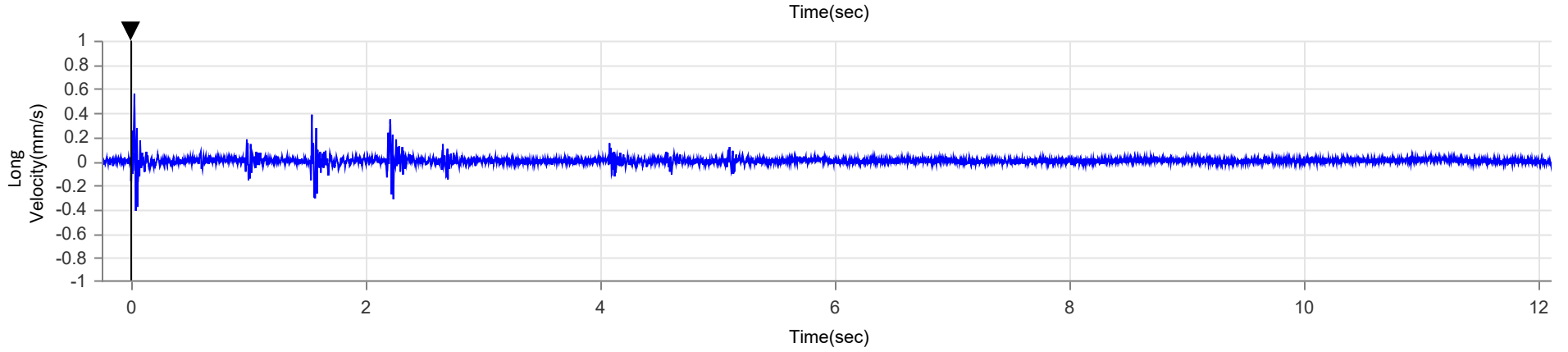
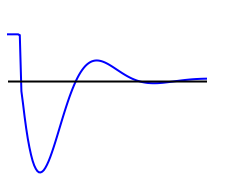




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 09:53:09	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

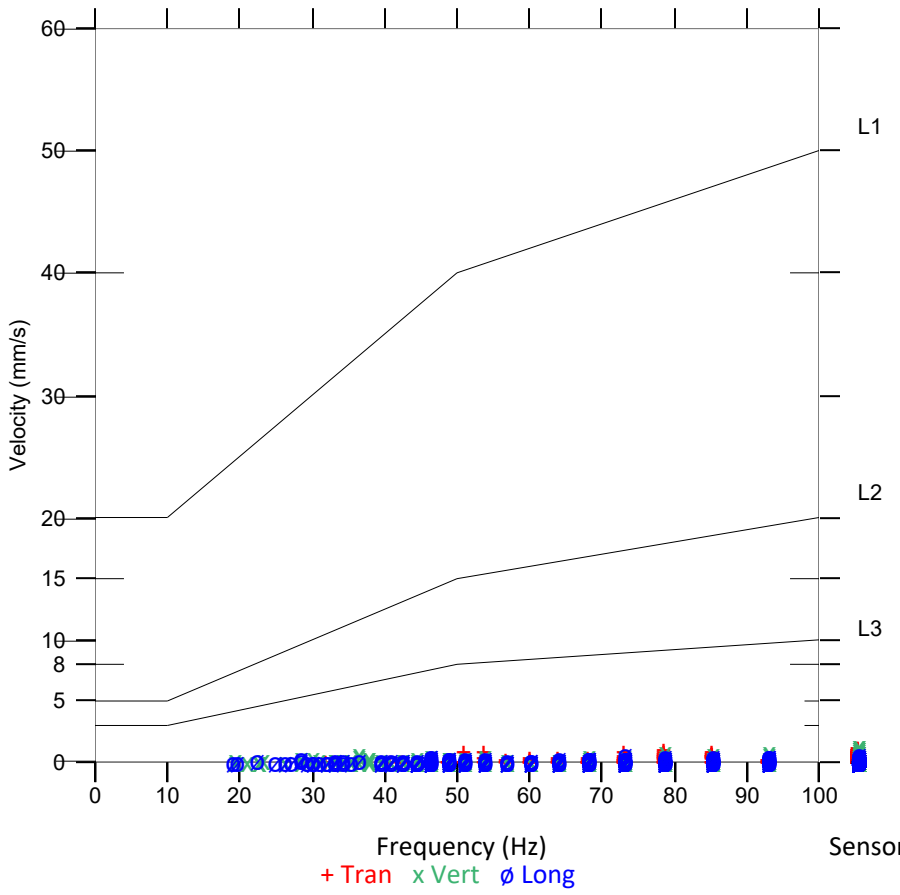
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

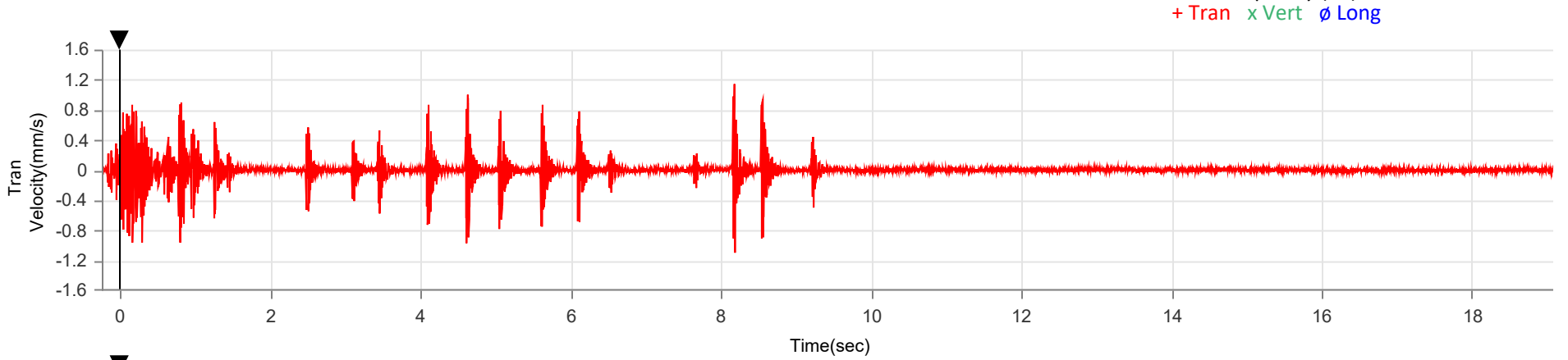
Post Event Notes No text to be displayed.

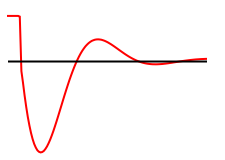
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.143 mm/s	1.316 mm/s	0.646 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	73.1 Hz
Time (Relative to Trigger)	8.179 sec	4.079 sec	4.104 sec
Peak Acceleration	0.142 g	0.104 g	0.056 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.384 mm/s at 4.602 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

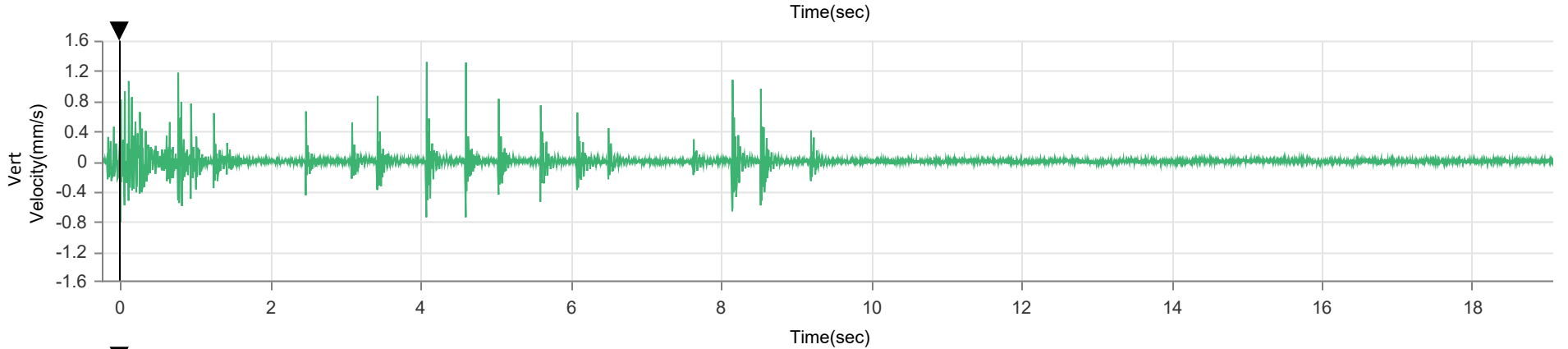


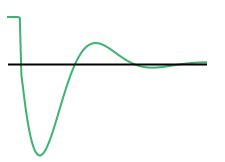
Sensor Check





✓ Passed





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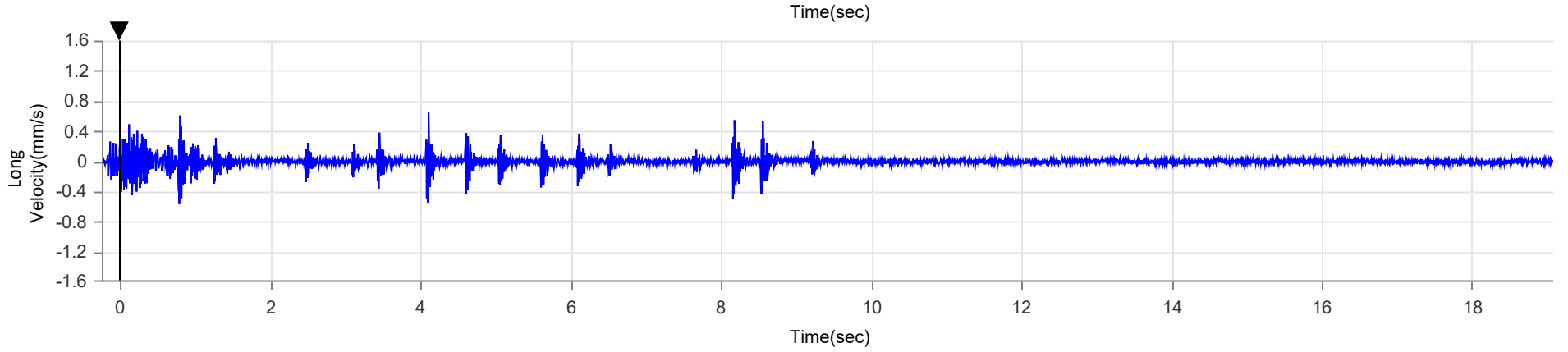

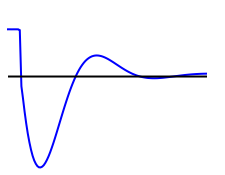

✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 11:13:25	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221104111325.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

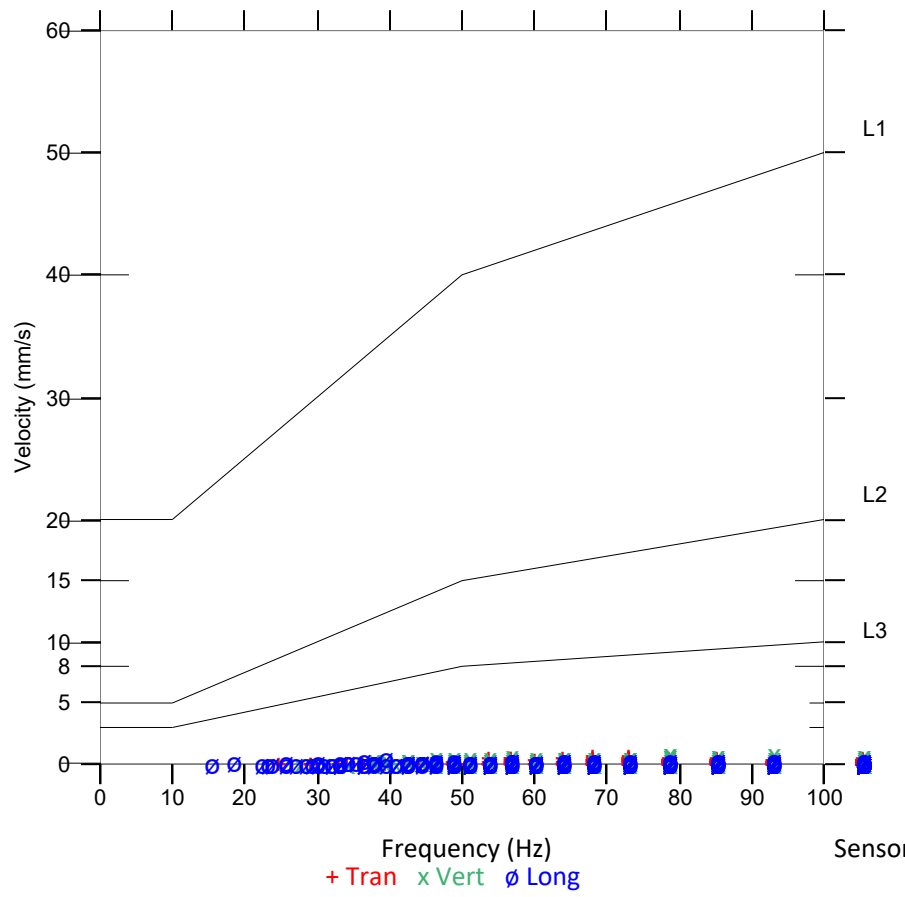
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

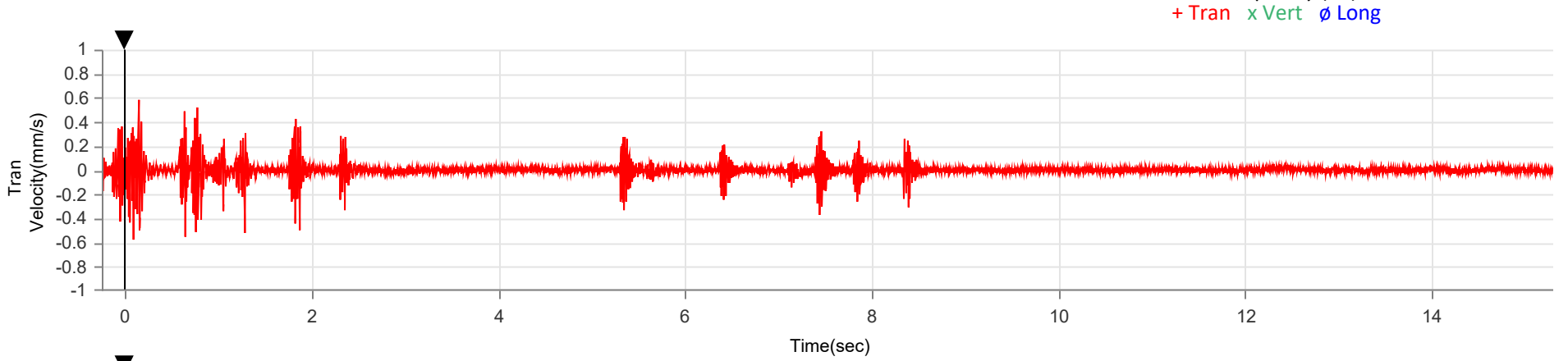
Post Event Notes No text to be displayed.

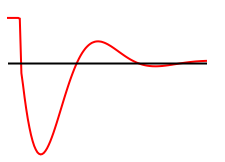
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.583 mm/s	0.851 mm/s	0.426 mm/s
Zero Crossing Frequency	68.3 Hz	78.8 Hz	39.4 Hz
Time (Relative to Trigger)	0.150 sec	0.762 sec	0.164 sec
Peak Acceleration	0.056 g	0.071 g	0.025 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.928 mm/s at 0.762 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

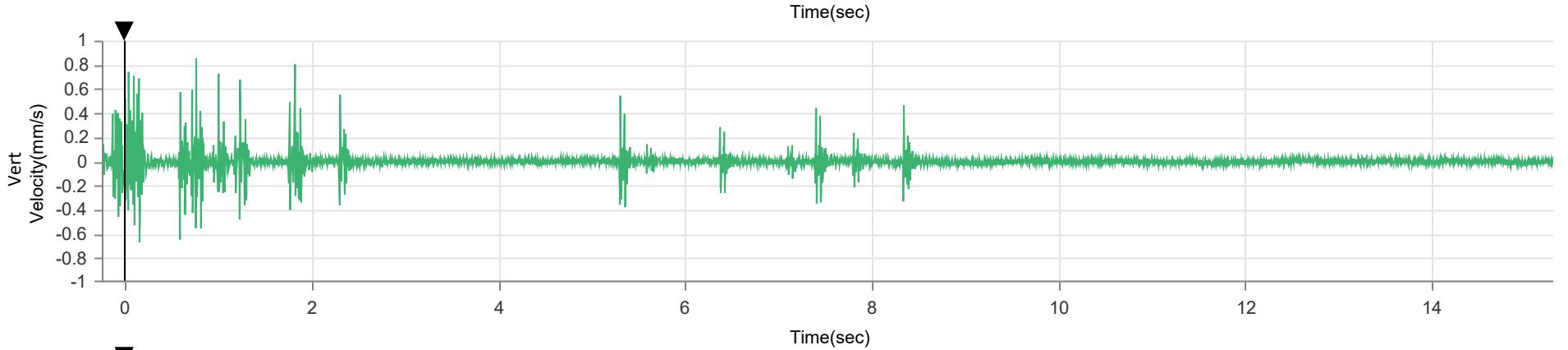


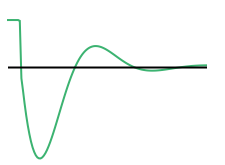
Sensor Check



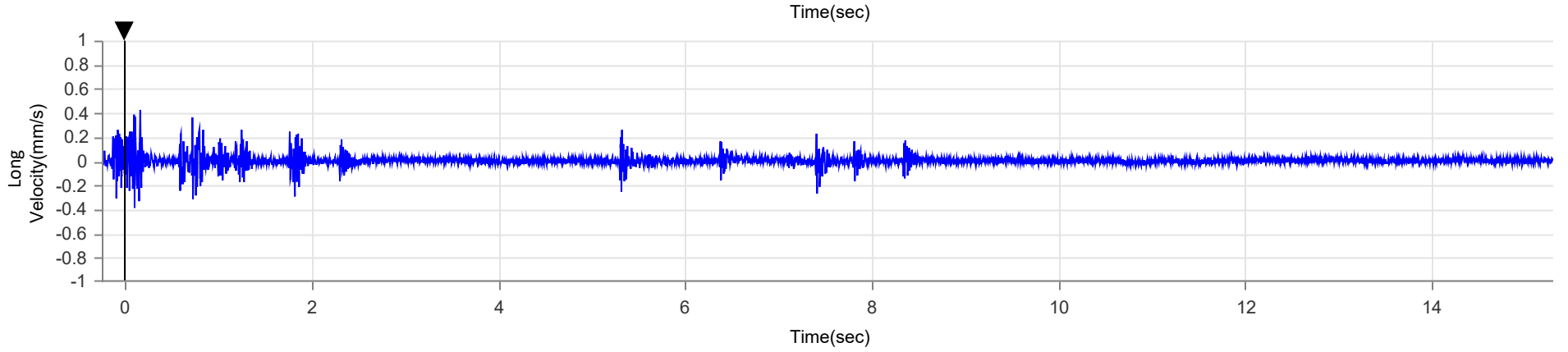


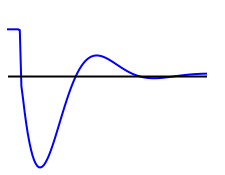
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 12:00:05	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221104120005.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

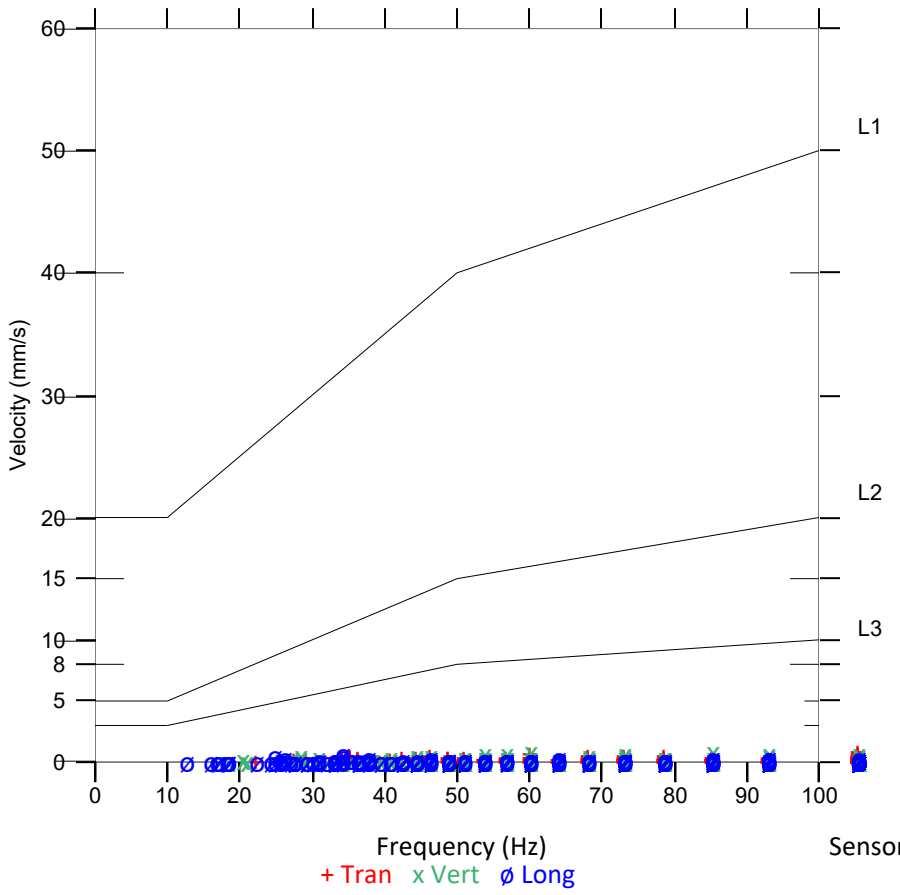
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

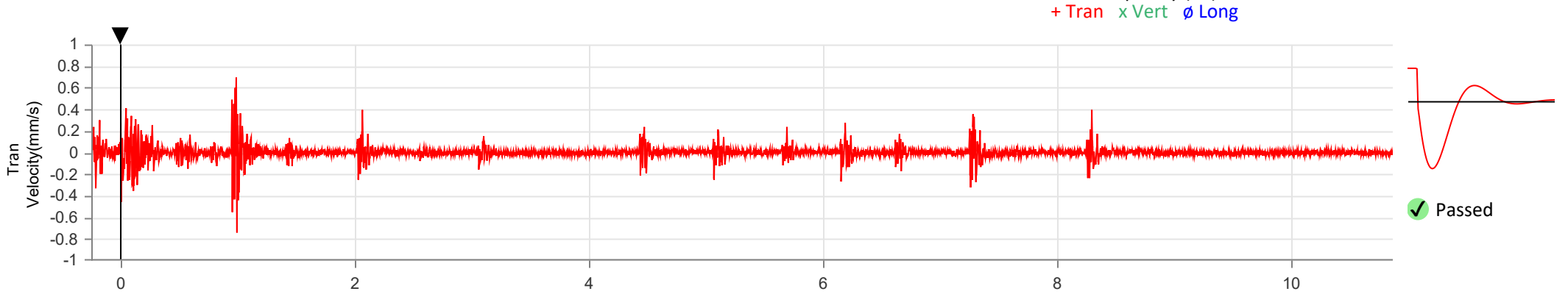
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.741 mm/s	0.883 mm/s	0.599 mm/s
Zero Crossing Frequency	>100 Hz	60.2 Hz	34.1 Hz
Time (Relative to Trigger)	0.995 sec	0.961 sec	0.981 sec
Peak Acceleration	0.069 g	0.061 g	0.046 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.934 mm/s at 0.985 sec		

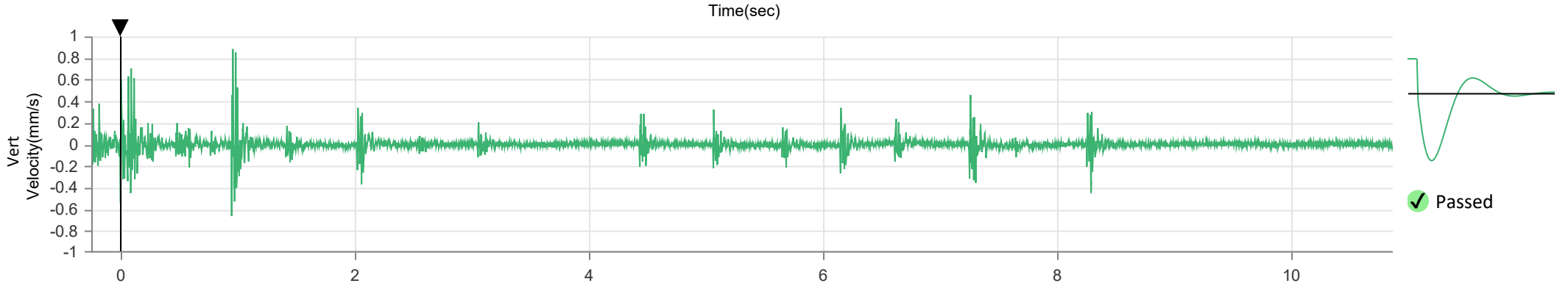
DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



✓ Passed



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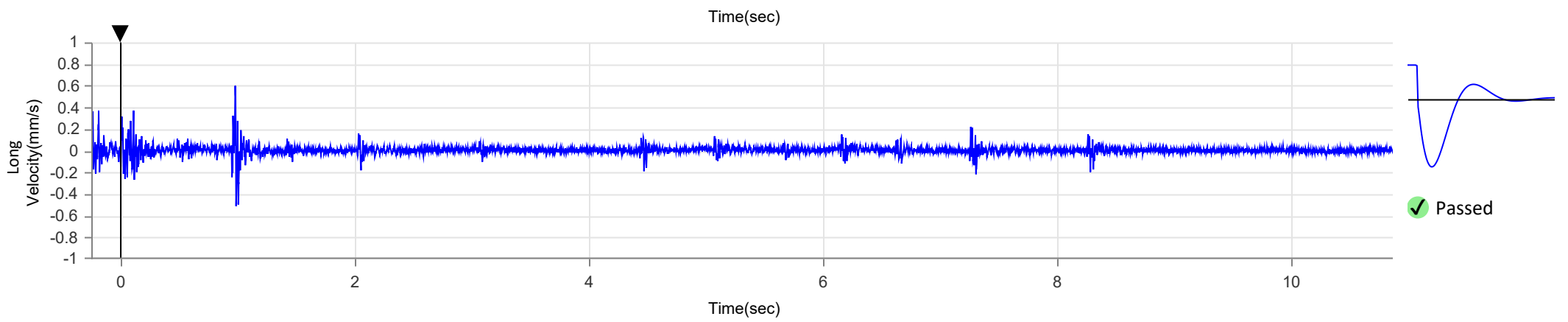


✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:11	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

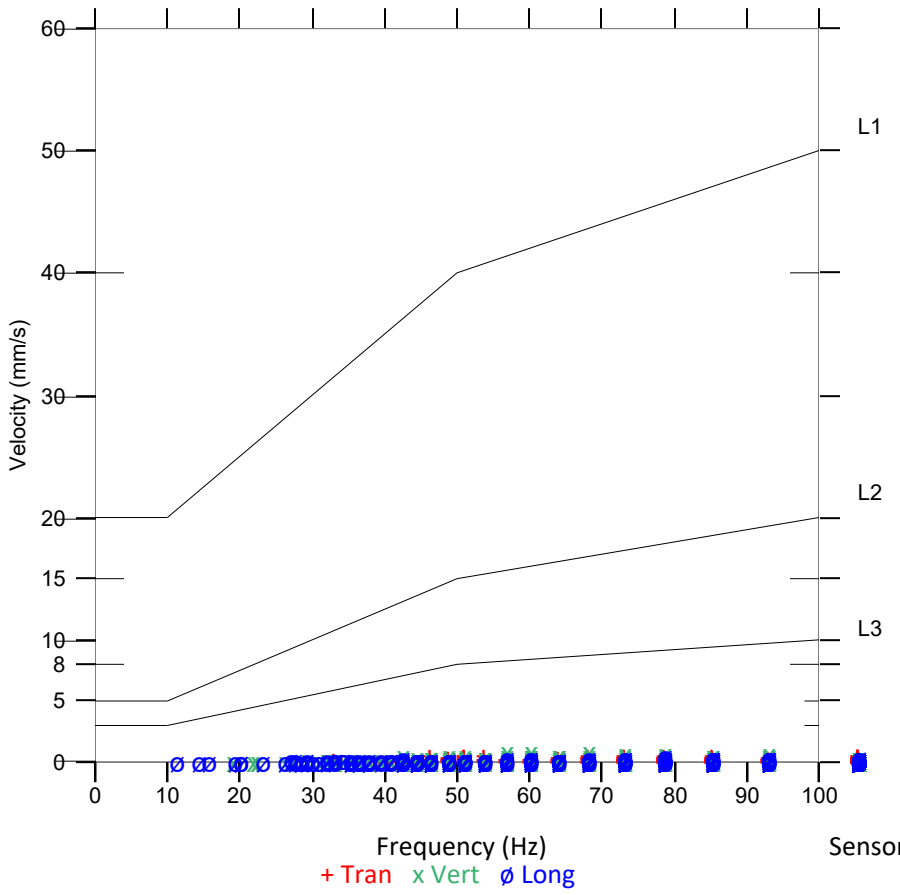
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

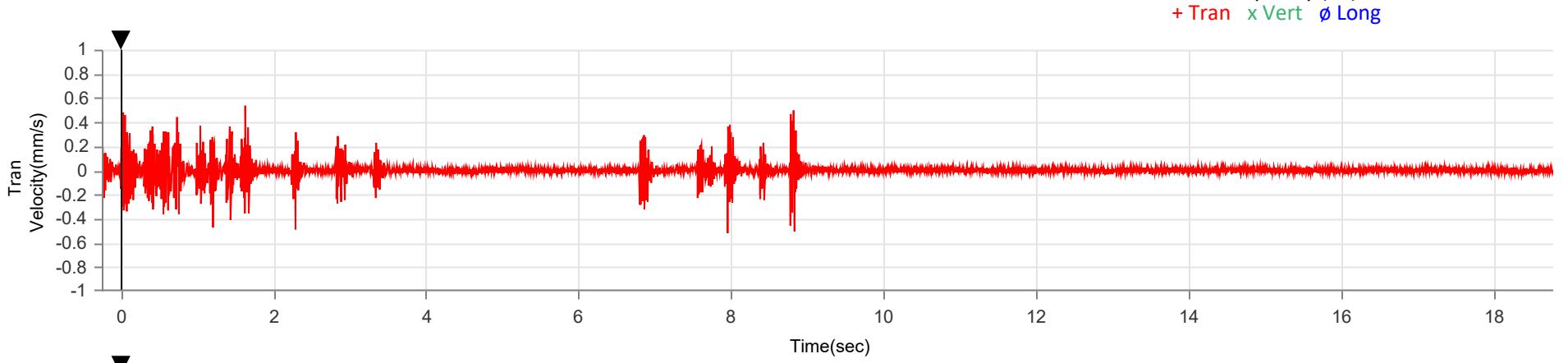
Post Event Notes No text to be displayed.

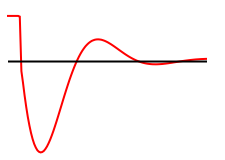
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.536 mm/s	0.899 mm/s	0.449 mm/s
Zero Crossing Frequency	>100 Hz	68.3 Hz	78.8 Hz
Time (Relative to Trigger)	1.632 sec	8.774 sec	0.056 sec
Peak Acceleration	0.058 g	0.071 g	0.025 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.914 mm/s at 8.774 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

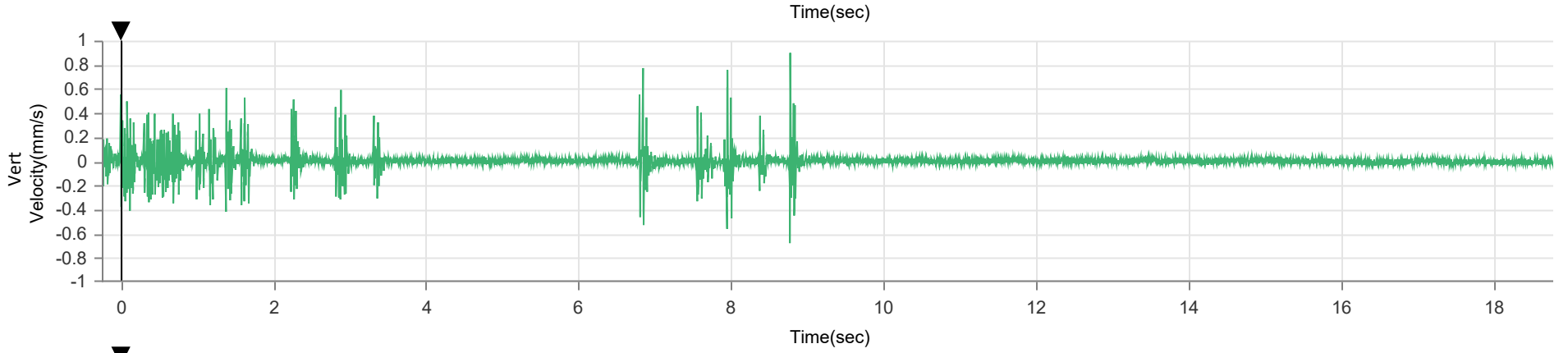


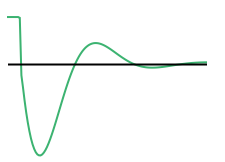
Sensor Check



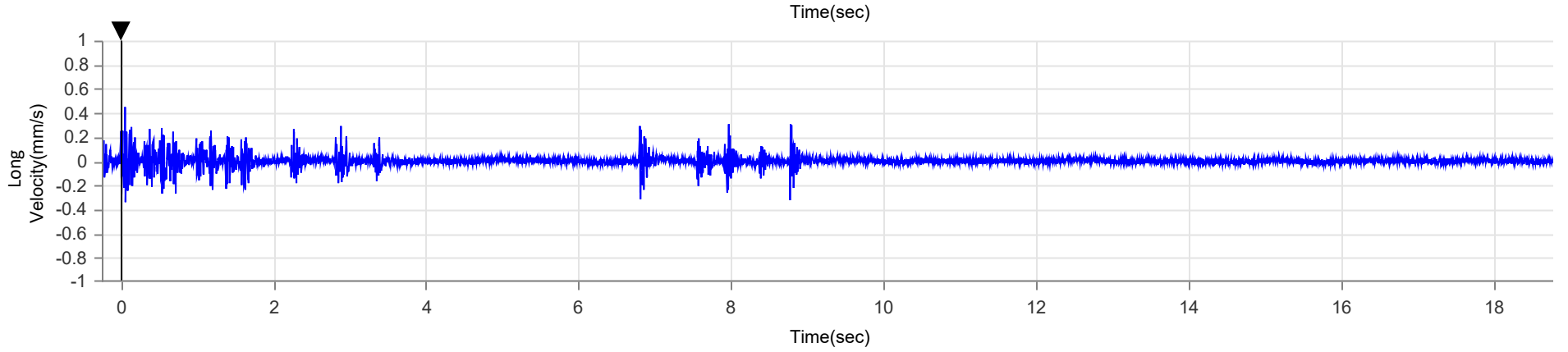


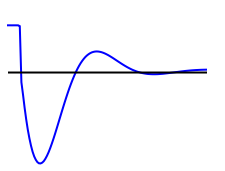
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 10:41:06	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

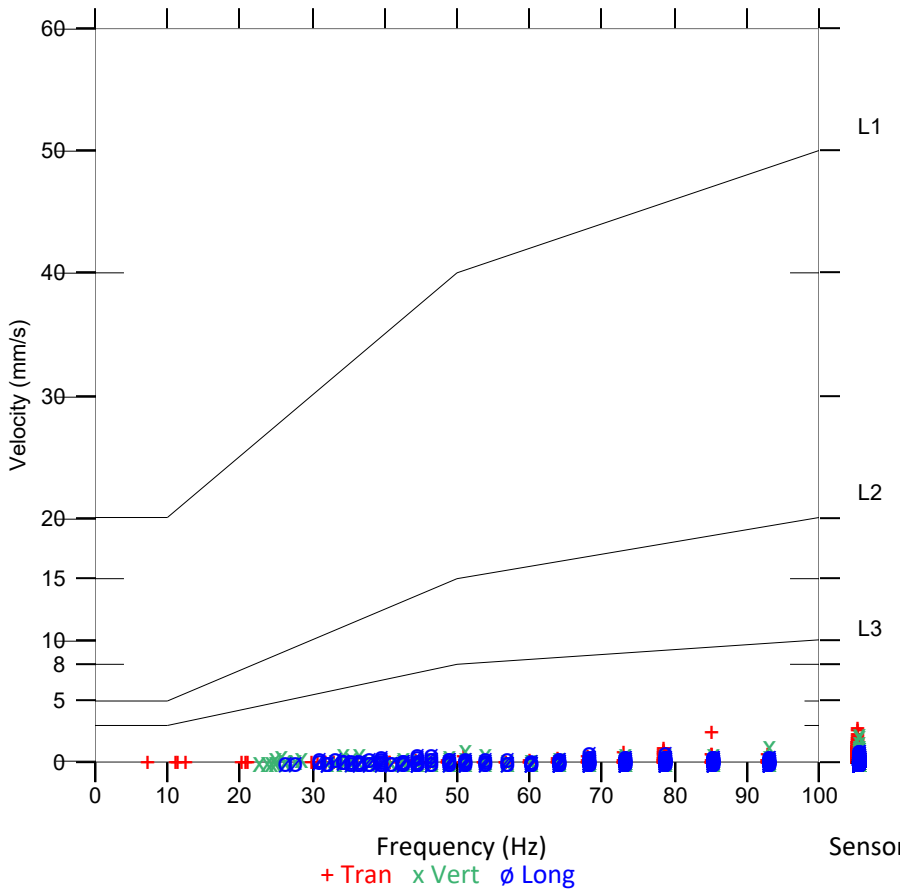
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

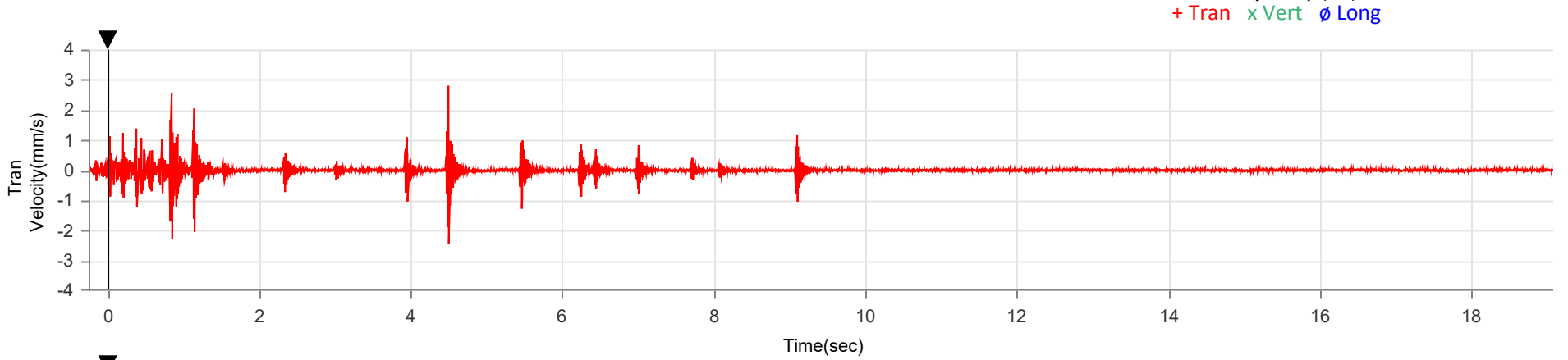
Post Event Notes No text to be displayed.

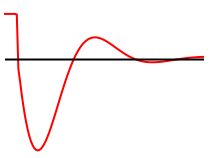
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.798 mm/s	2.254 mm/s	1.033 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	4.499 sec	0.821 sec	1.145 sec
Peak Acceleration	0.263 g	0.197 g	0.100 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	2.994 mm/s at 4.499 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

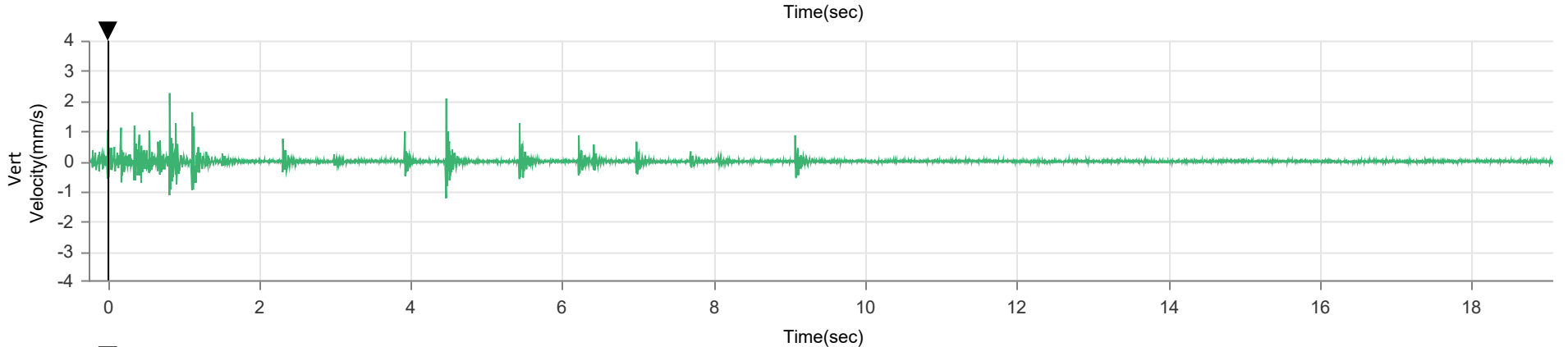


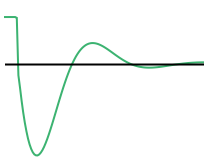
Sensor Check



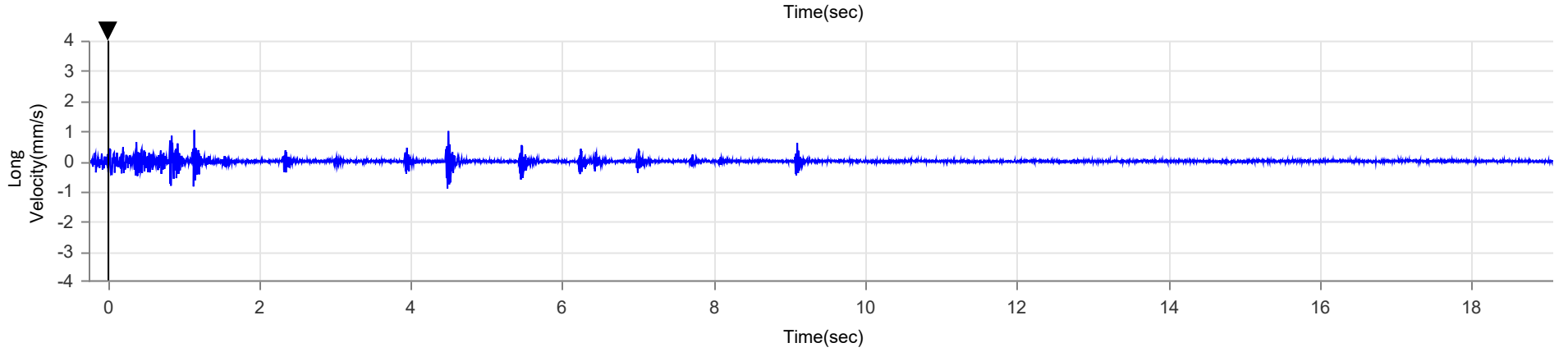


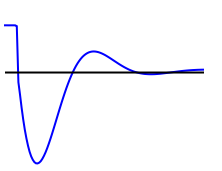
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:43	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221105121643.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

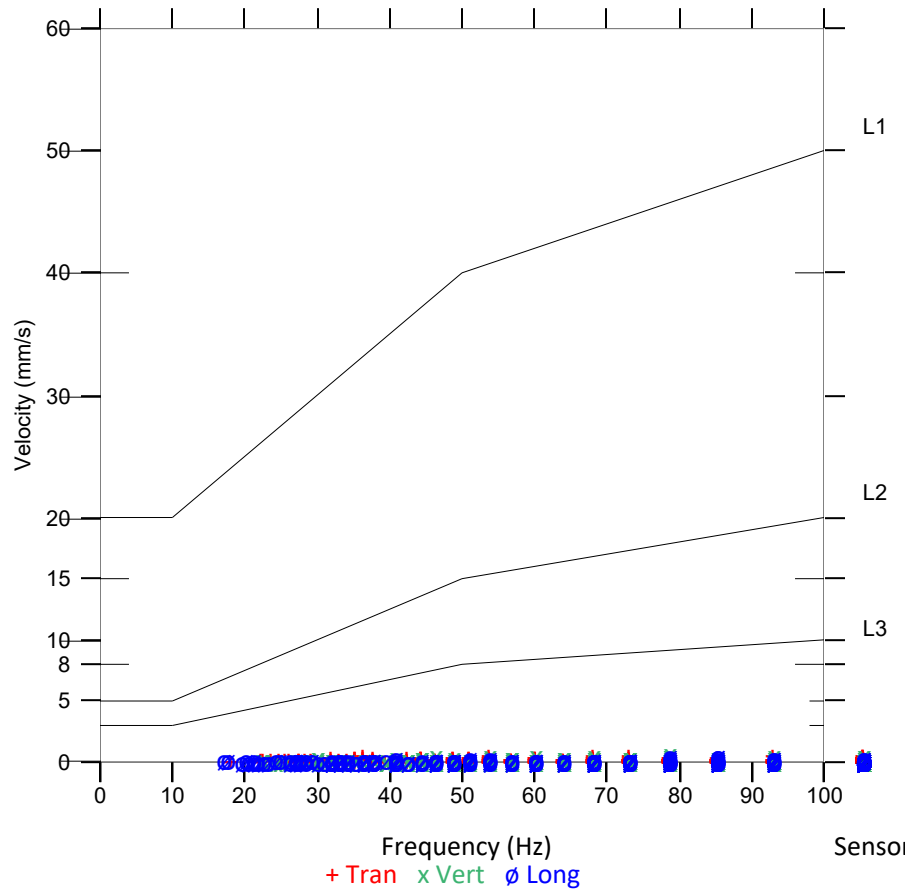
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

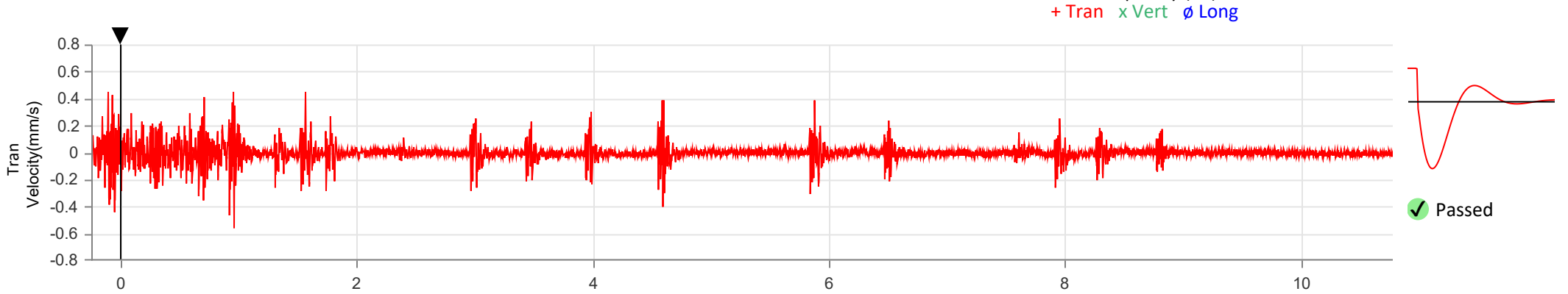
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.560 mm/s	0.575 mm/s	0.481 mm/s
Zero Crossing Frequency	93.1 Hz	78.8 Hz	78.8 Hz
Time (Relative to Trigger)	0.960 sec	0.953 sec	0.953 sec
Peak Acceleration	0.051 g	0.041 g	0.039 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.769 mm/s at 0.954 sec		

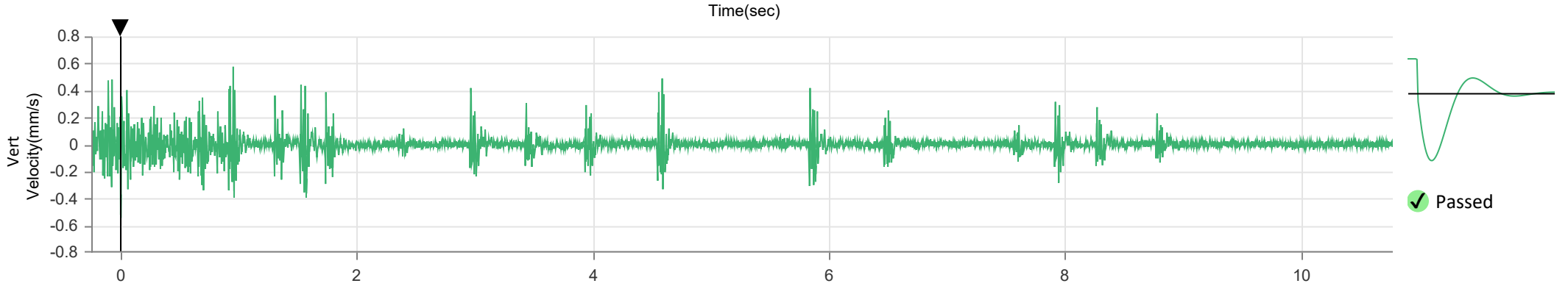
DIN4150
Velocity versus Frequency (Zero Crossing)



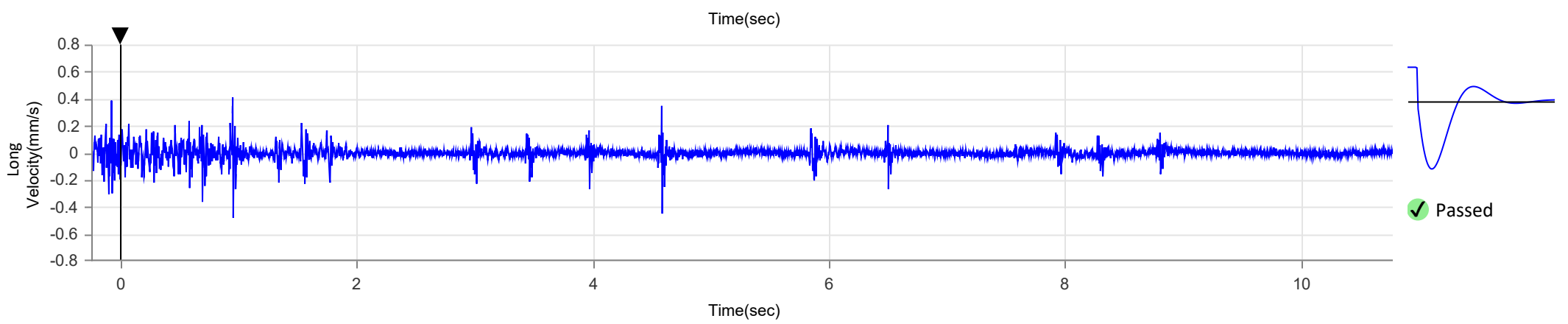
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 6, 2022 10:42:28	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

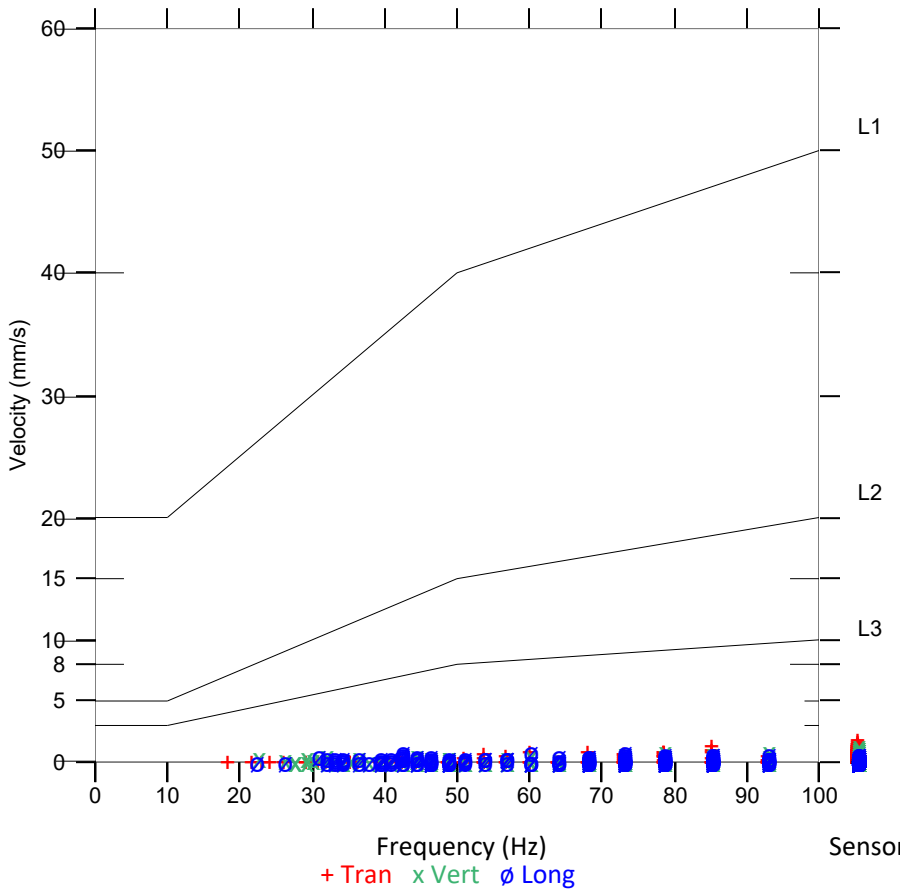
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

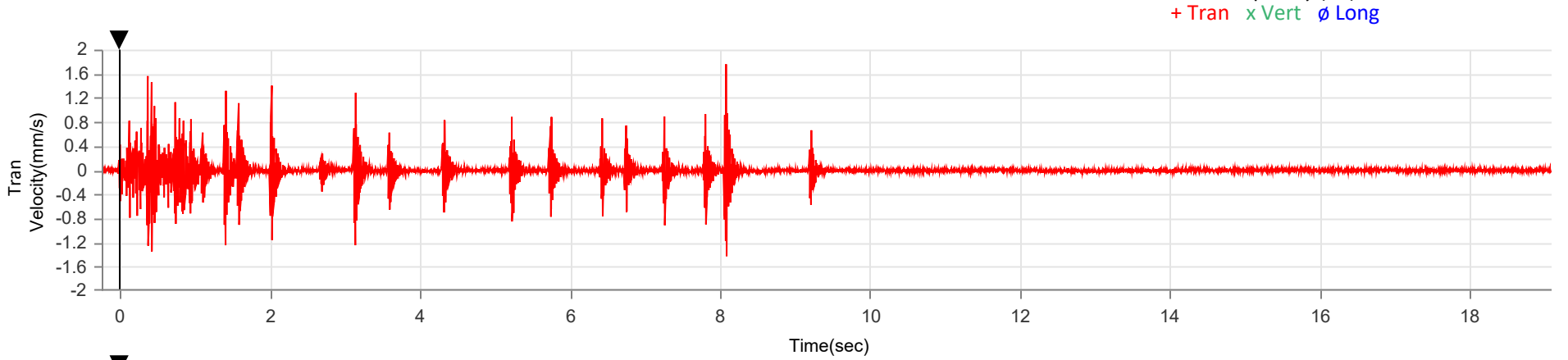
Post Event Notes No text to be displayed.

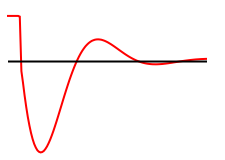
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.758 mm/s	1.269 mm/s	0.788 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	73.1 Hz
Time (Relative to Trigger)	8.082 sec	5.196 sec	0.392 sec
Peak Acceleration	0.179 g	0.110 g	0.063 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	1.829 mm/s at 8.082 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

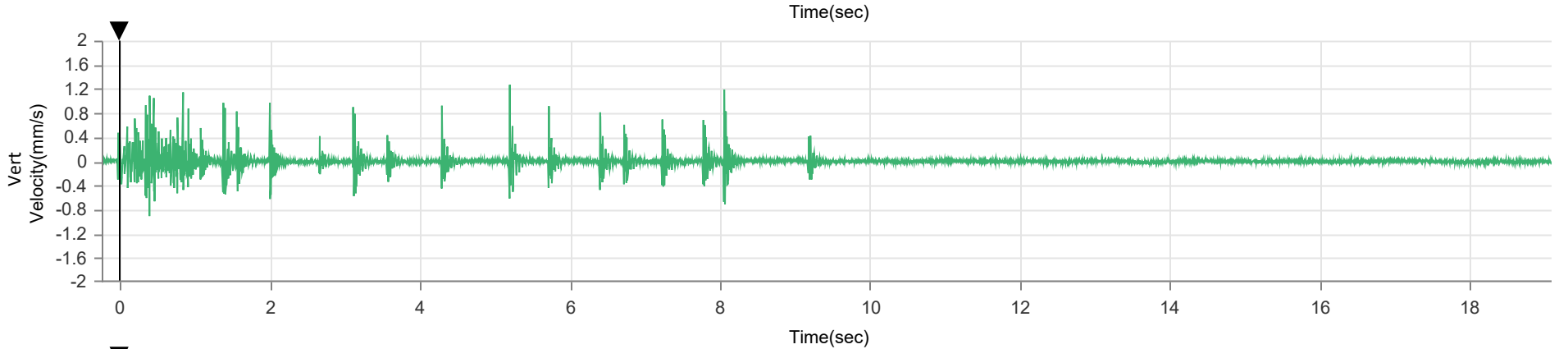


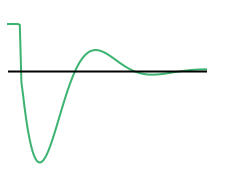
Sensor Check



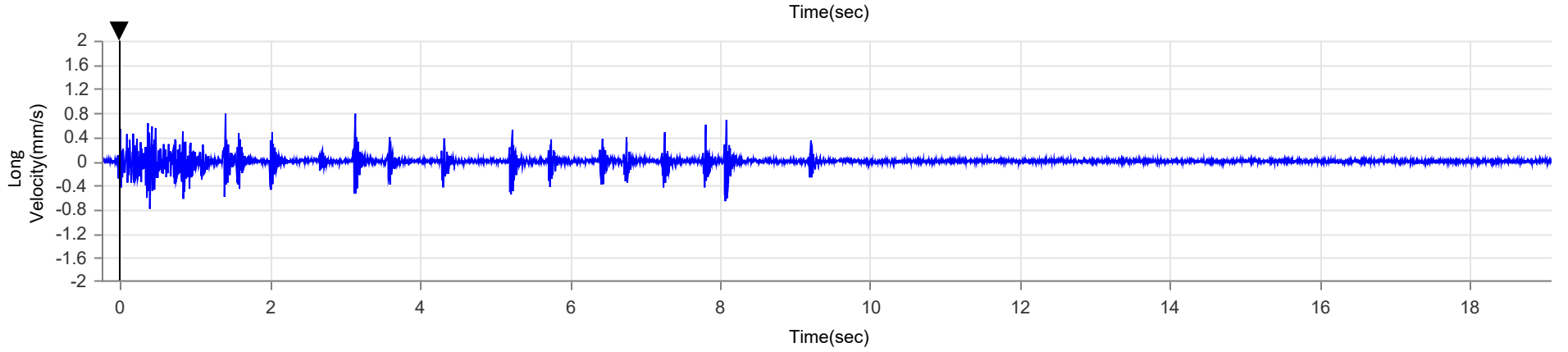


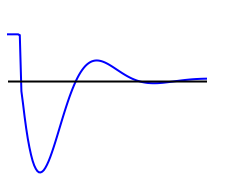
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 11:33:35	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221106113335.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

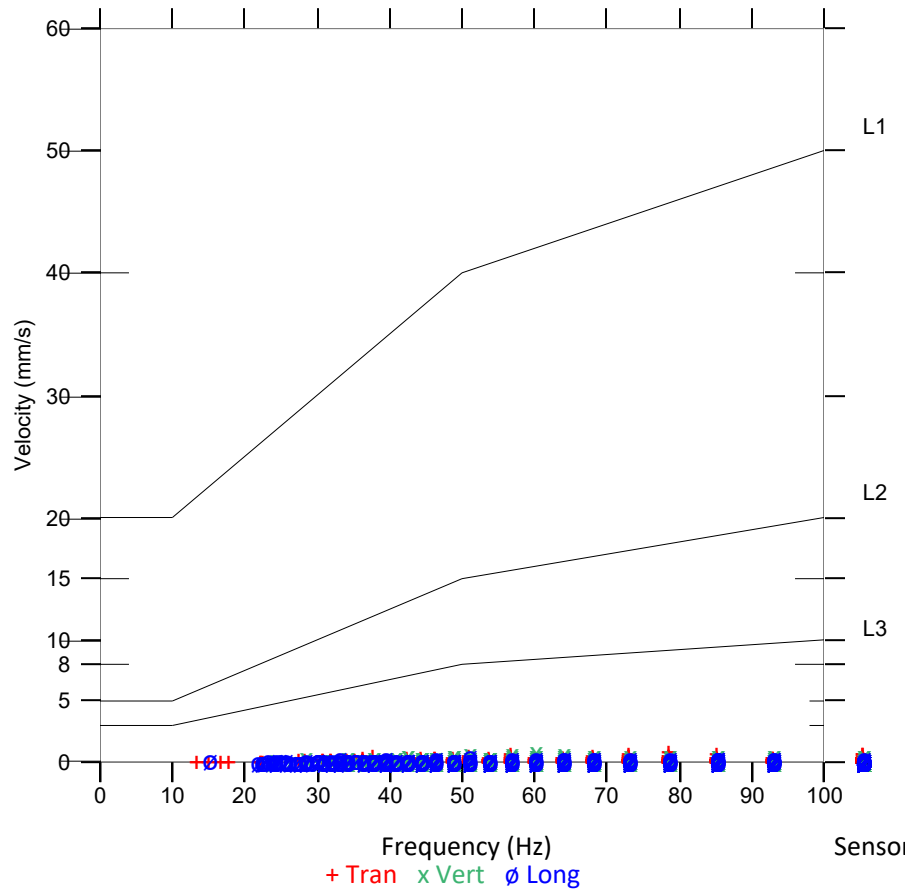
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

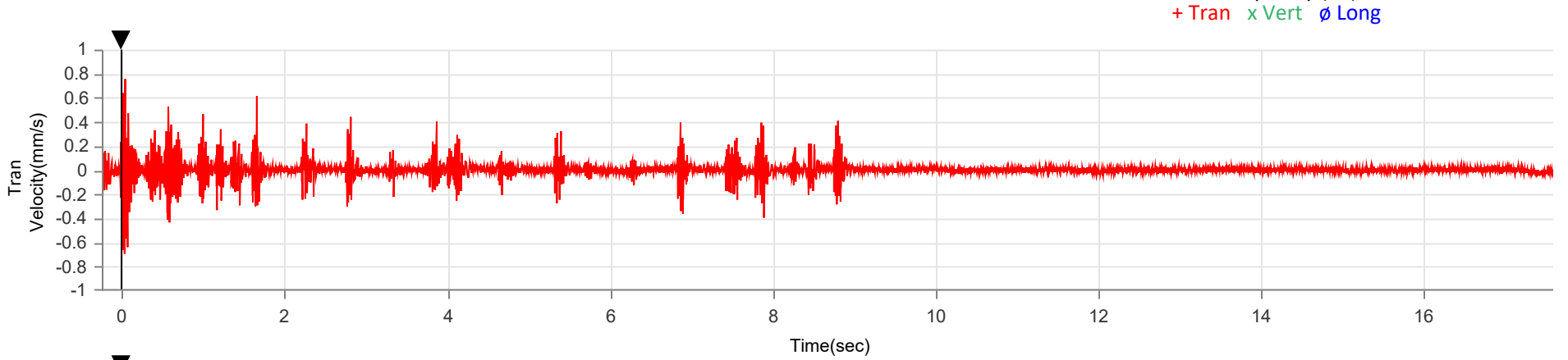
Post Event Notes No text to be displayed.

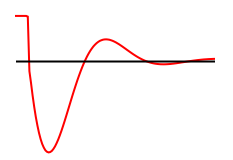
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.757 mm/s	0.867 mm/s	0.457 mm/s
Zero Crossing Frequency	78.8 Hz	60.2 Hz	51.2 Hz
Time (Relative to Trigger)	0.038 sec	0.009 sec	0.010 sec
Peak Acceleration	0.066 g	0.061 g	0.038 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.969 mm/s at 0.009 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

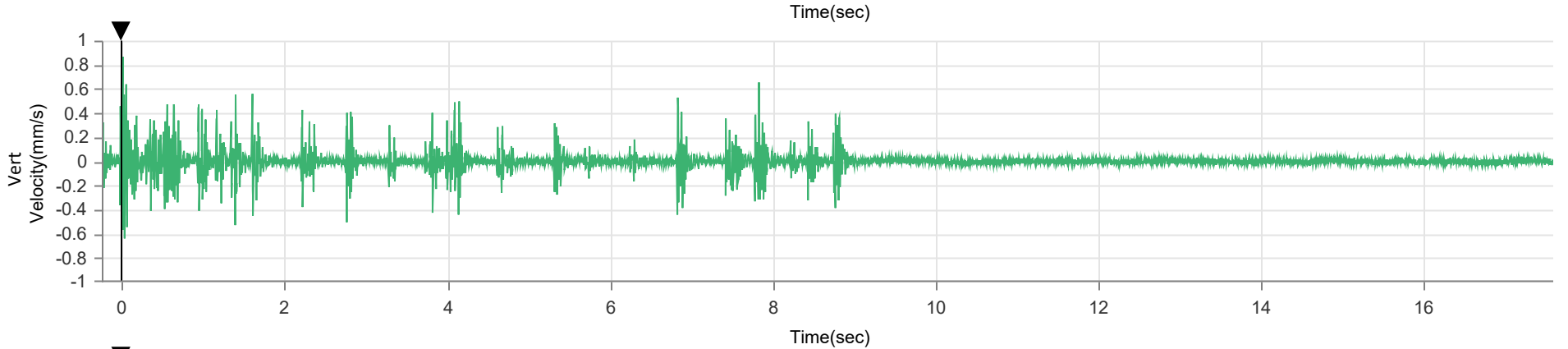


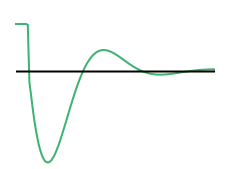
Sensor Check



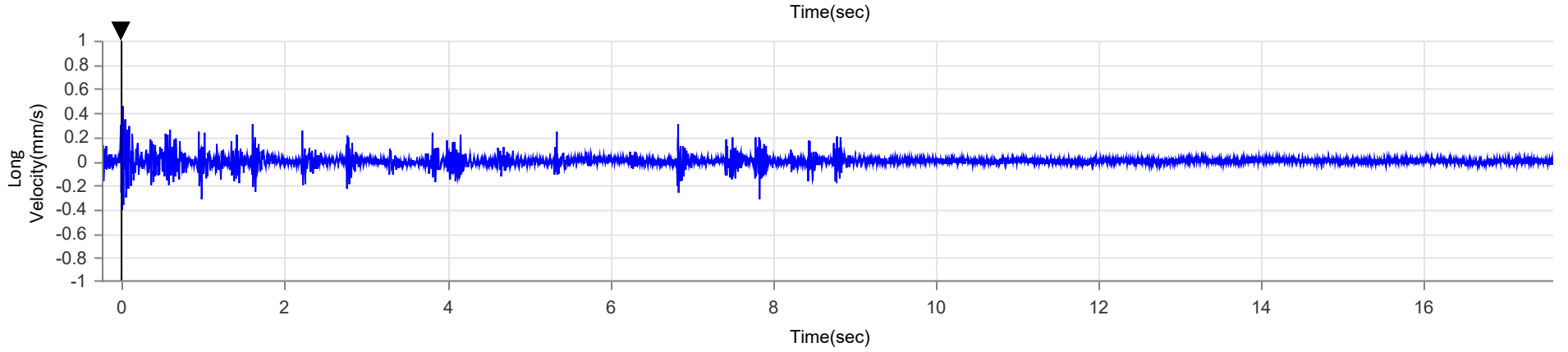


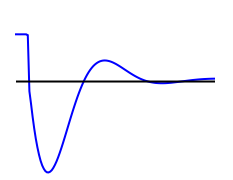
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 14:16:34	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221106141634.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

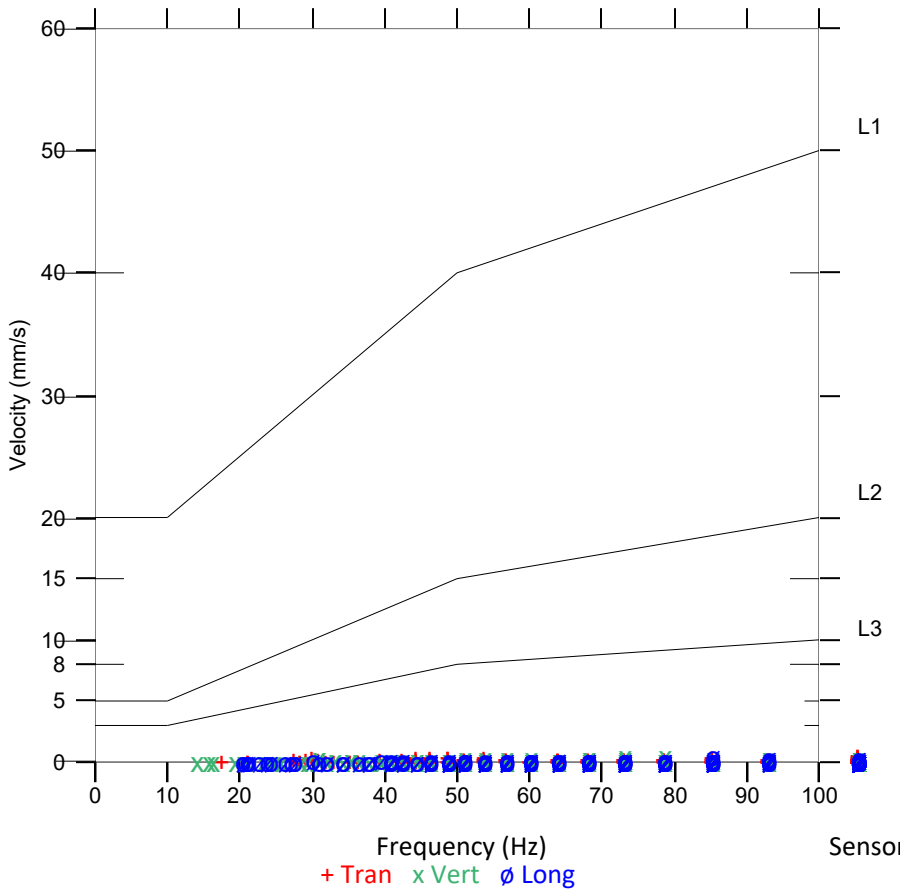
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

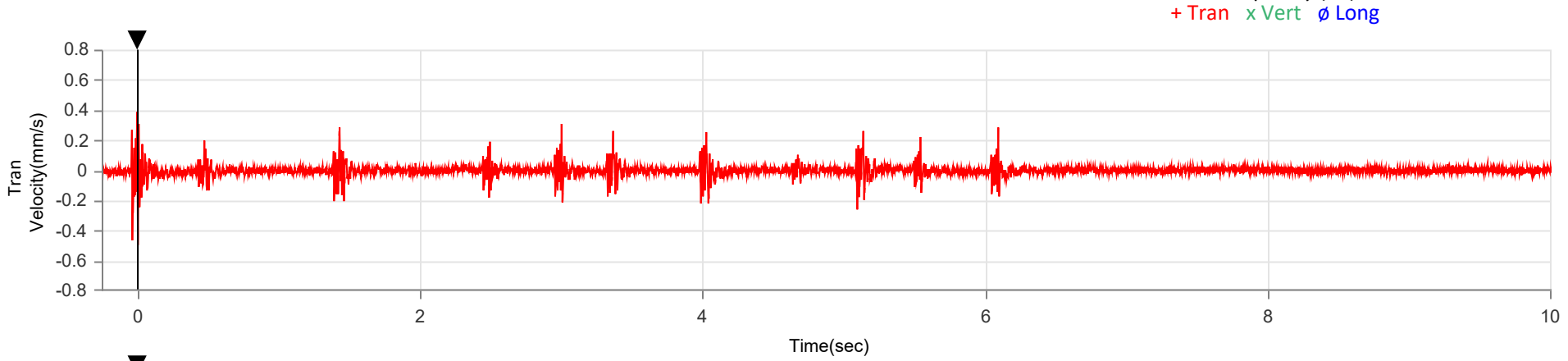
Post Event Notes No text to be displayed.

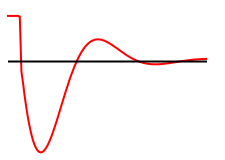
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.497 mm/s	0.544 mm/s	0.434 mm/s
Zero Crossing Frequency	>100 Hz	78.8 Hz	85.3 Hz
Time (Relative to Trigger)	0.007 sec	0.000 sec	-0.004 sec
Peak Acceleration	0.053 g	0.041 g	0.035 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.705 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

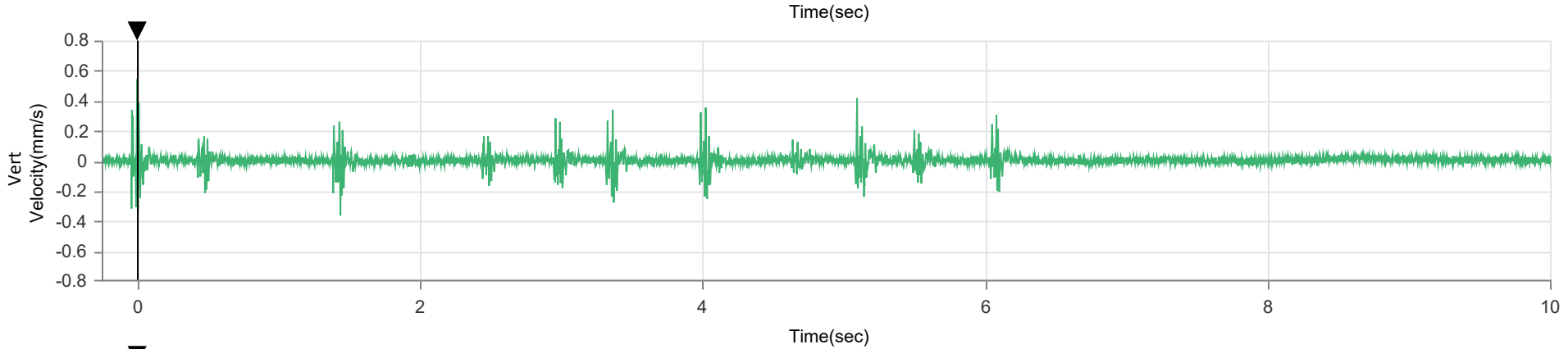


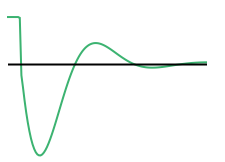
Sensor Check



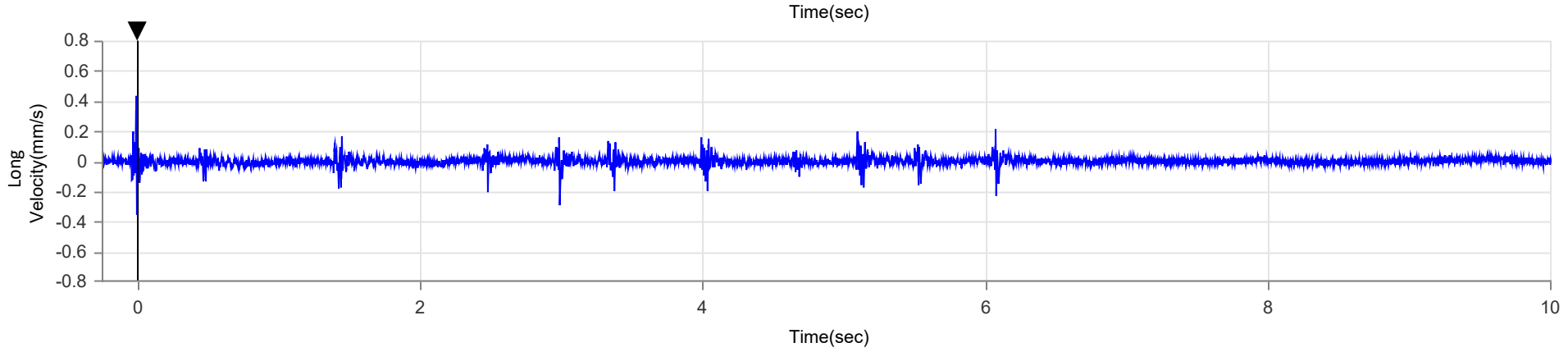


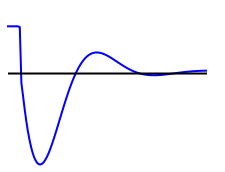
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 19:16:24	**Serial Number**	UM19274
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/19.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19274_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

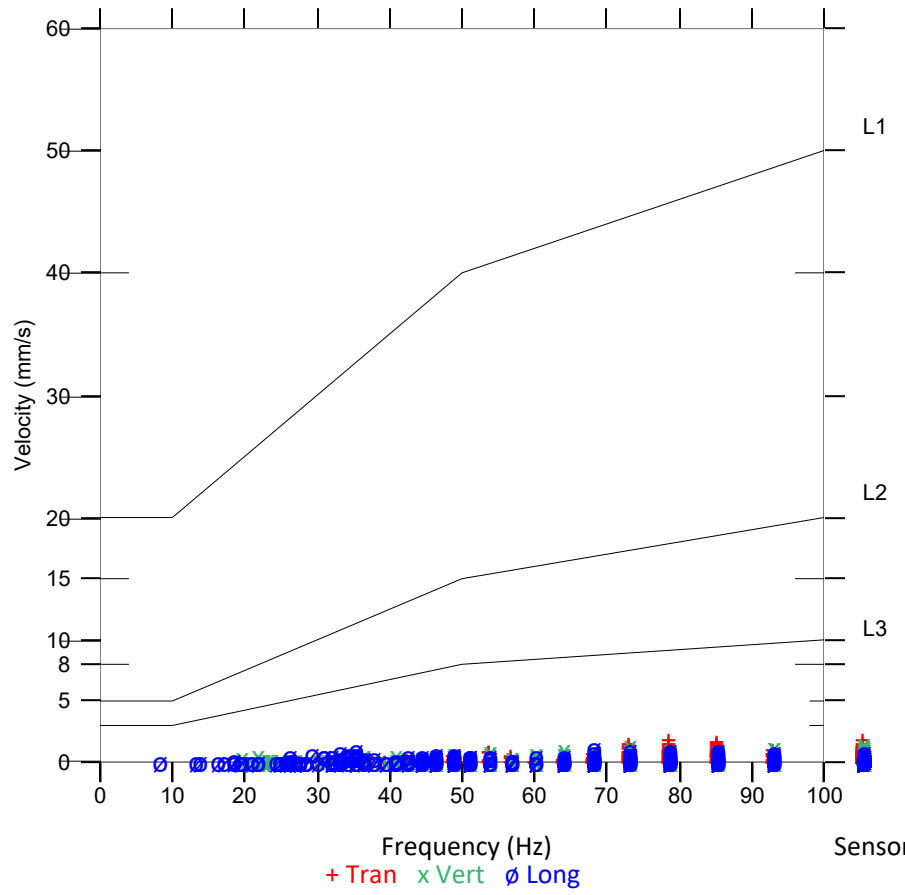
Notes

Location	MM-19, Plavje 43b
Client	
Company	
General Notes	

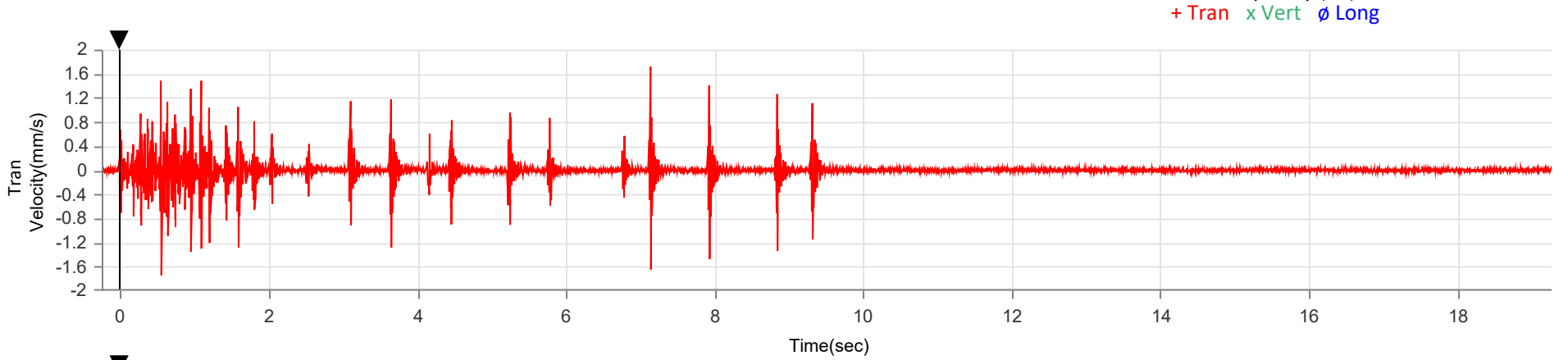
Post Event Notes No text to be displayed.

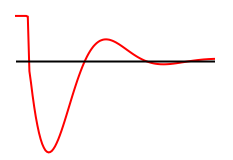
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.742 mm/s	1.498 mm/s	1.198 mm/s
Zero Crossing Frequency	78.8 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.554 sec	5.219 sec	0.553 sec
Peak Acceleration	0.173 g	0.107 g	0.064 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	2.005 mm/s at 0.554 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

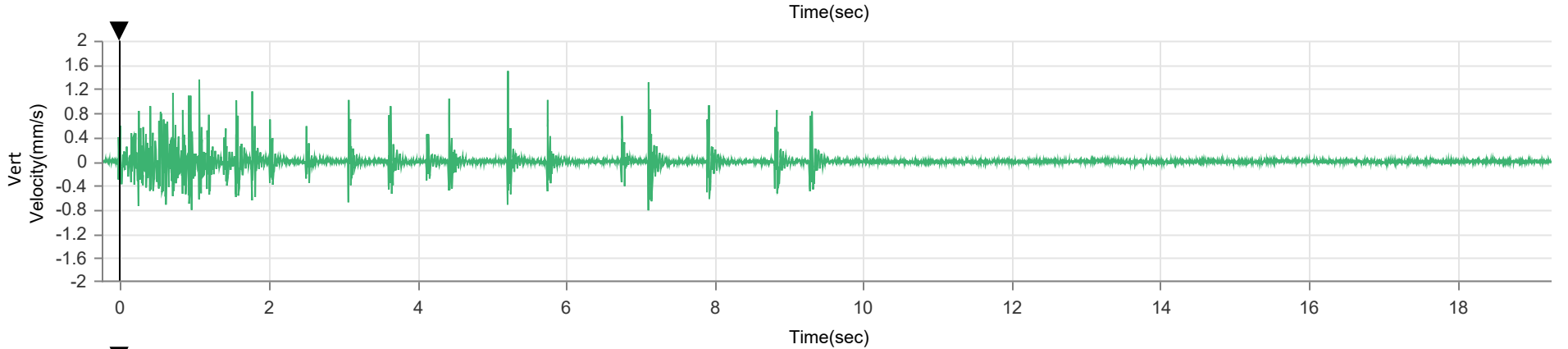


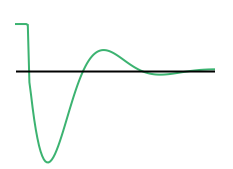
Sensor Check



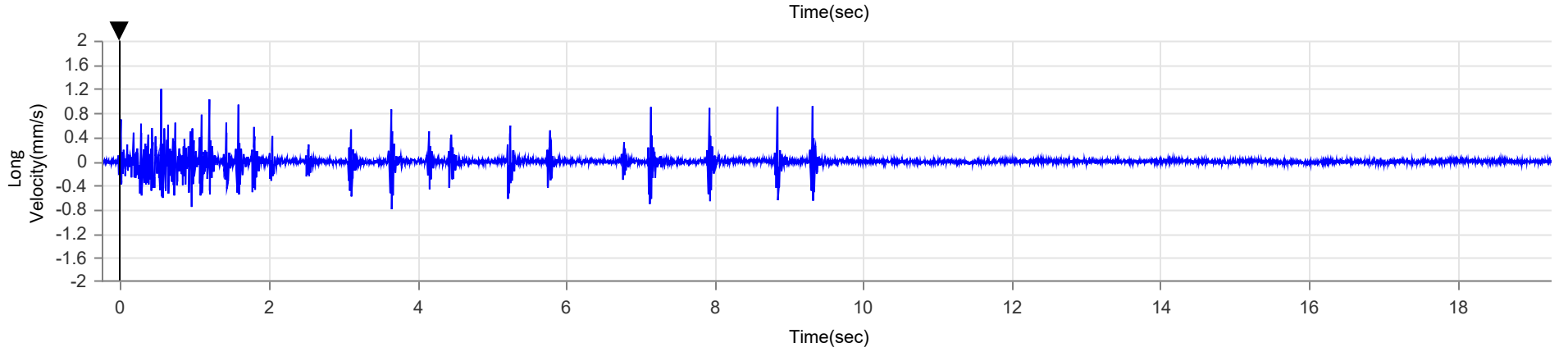


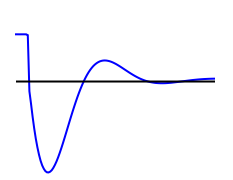
✓ Passed





✓ Passed





✓ Passed

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PRILOGA 1.7:
Rezultati meritev

- MM-20 (Plavje 42) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:31	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221101125731.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

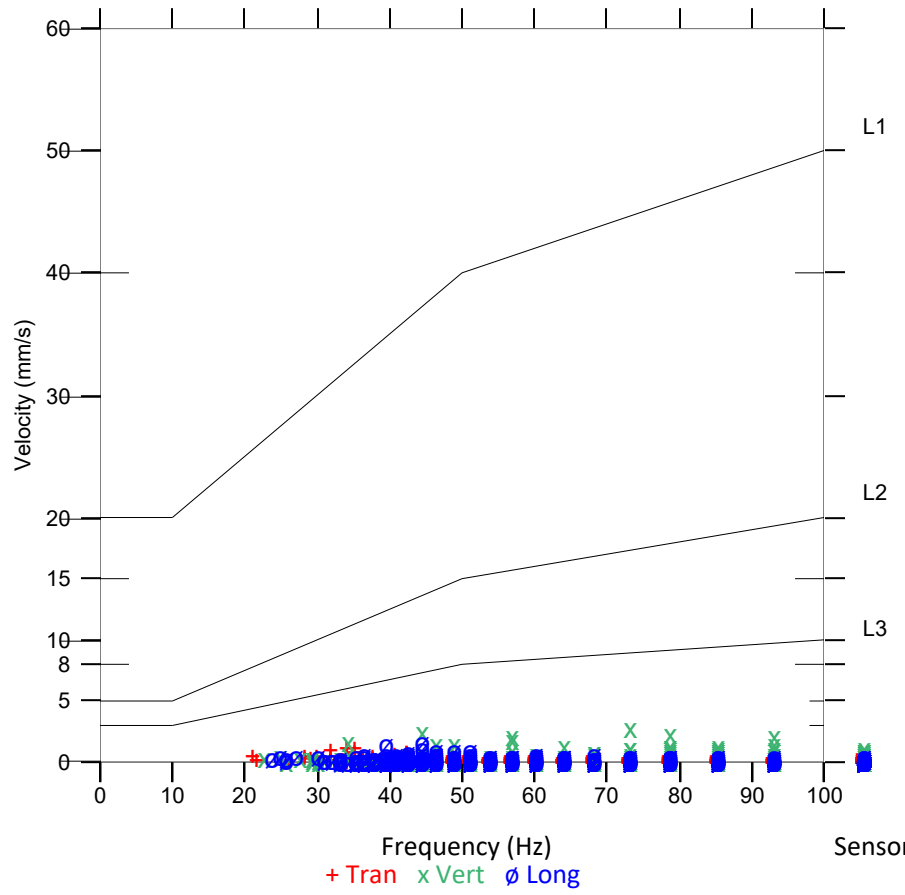
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

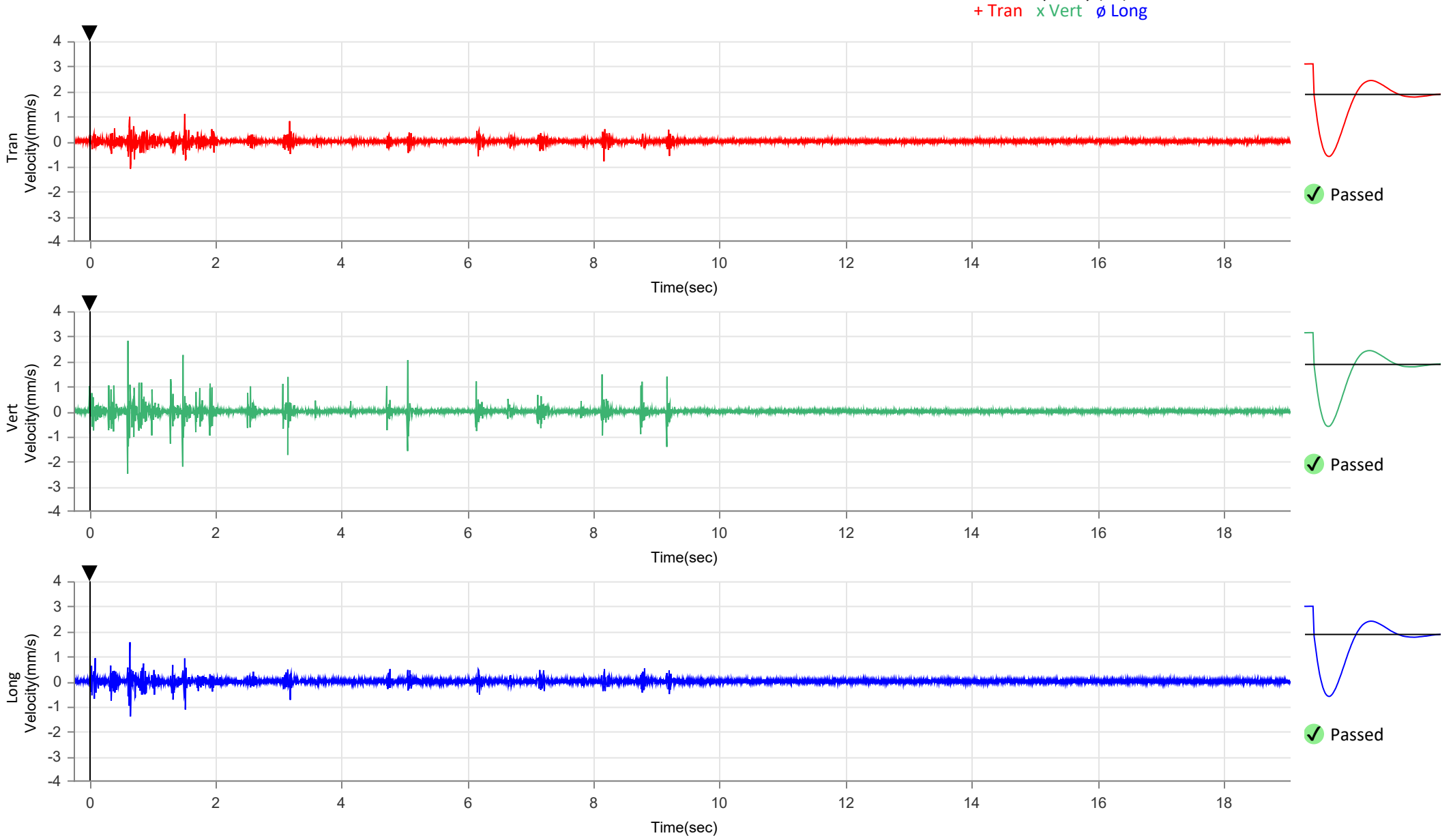
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.103 mm/s	2.822 mm/s	1.568 mm/s
Zero Crossing Frequency	35.3 Hz	73.1 Hz	44.5 Hz
Time (Relative to Trigger)	1.514 sec	0.613 sec	0.644 sec
Peak Acceleration	0.048 g	0.217 g	0.086 g
Peak Displacement	0.005 mm	0.007 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.823 mm/s at 0.613 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



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Waveform Trigger Source	Vert at November 1, 2022 13:00:11	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221101130011.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

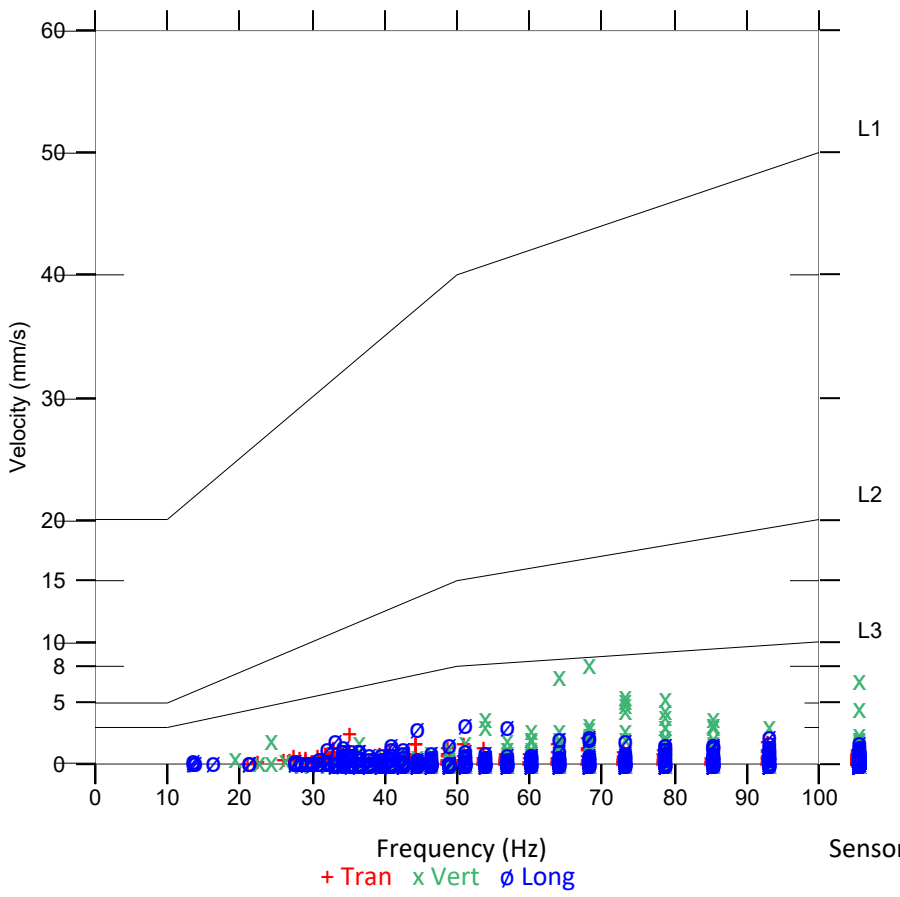
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

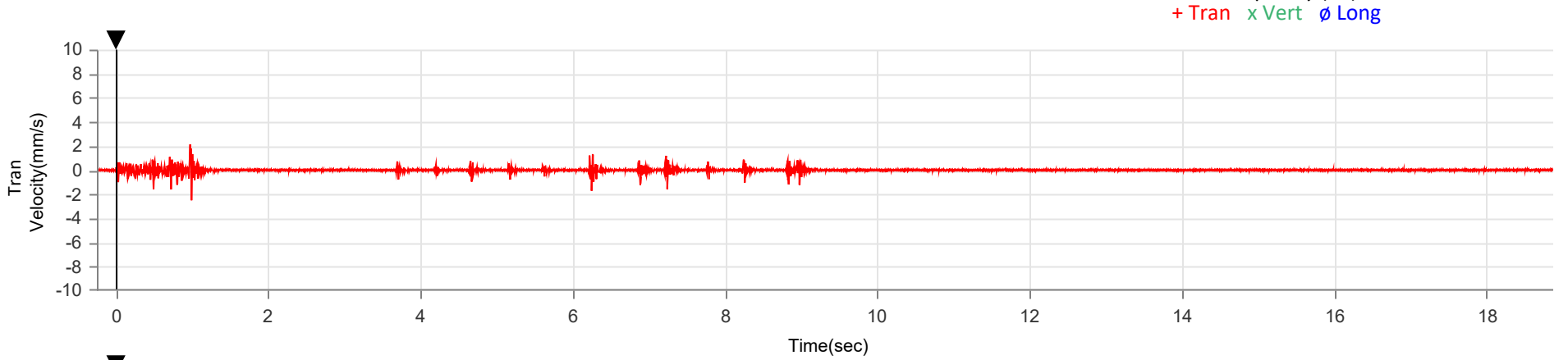
Post Event Notes No text to be displayed.

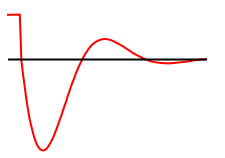
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.499 mm/s	8.150 mm/s	3.287 mm/s
Zero Crossing Frequency	35.3 Hz	68.3 Hz	51.2 Hz
Time (Relative to Trigger)	0.993 sec	6.221 sec	6.245 sec
Peak Acceleration	0.122 g	0.653 g	0.245 g
Peak Displacement	0.010 mm	0.018 mm	0.009 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	8.283 mm/s at 6.221 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

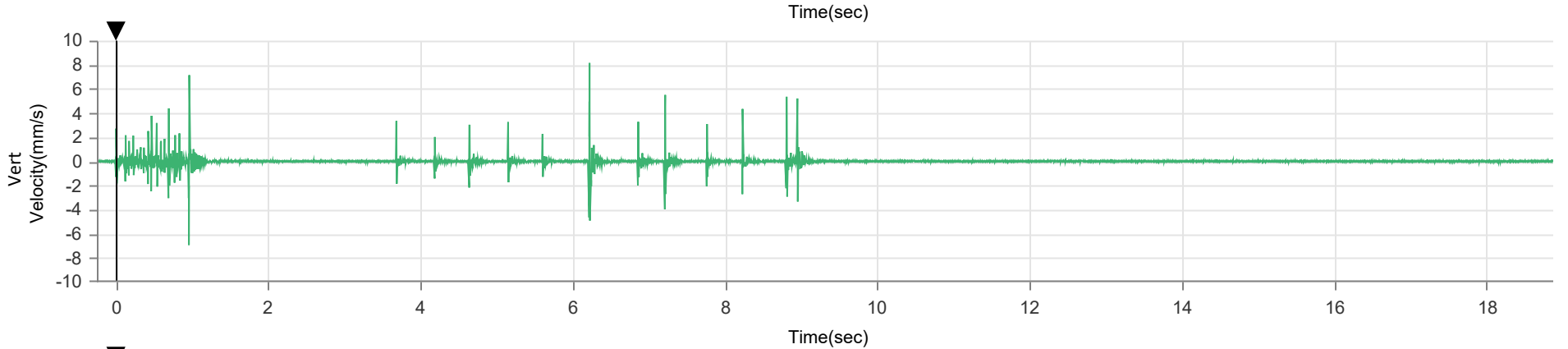


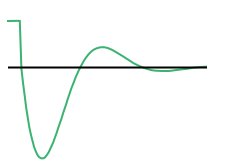
Sensor Check





✓ Passed





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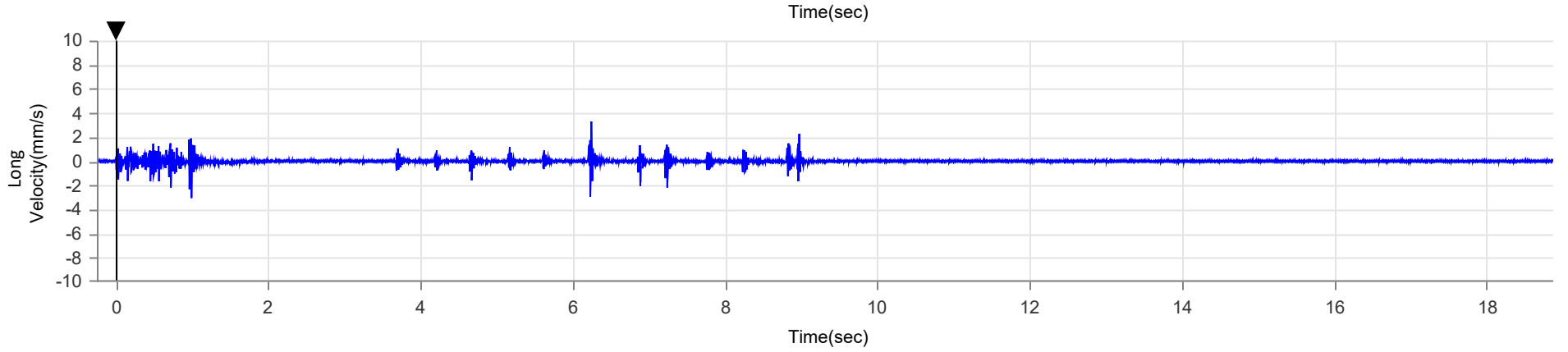

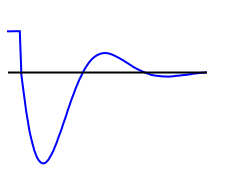

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:16	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/10.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221101151916.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

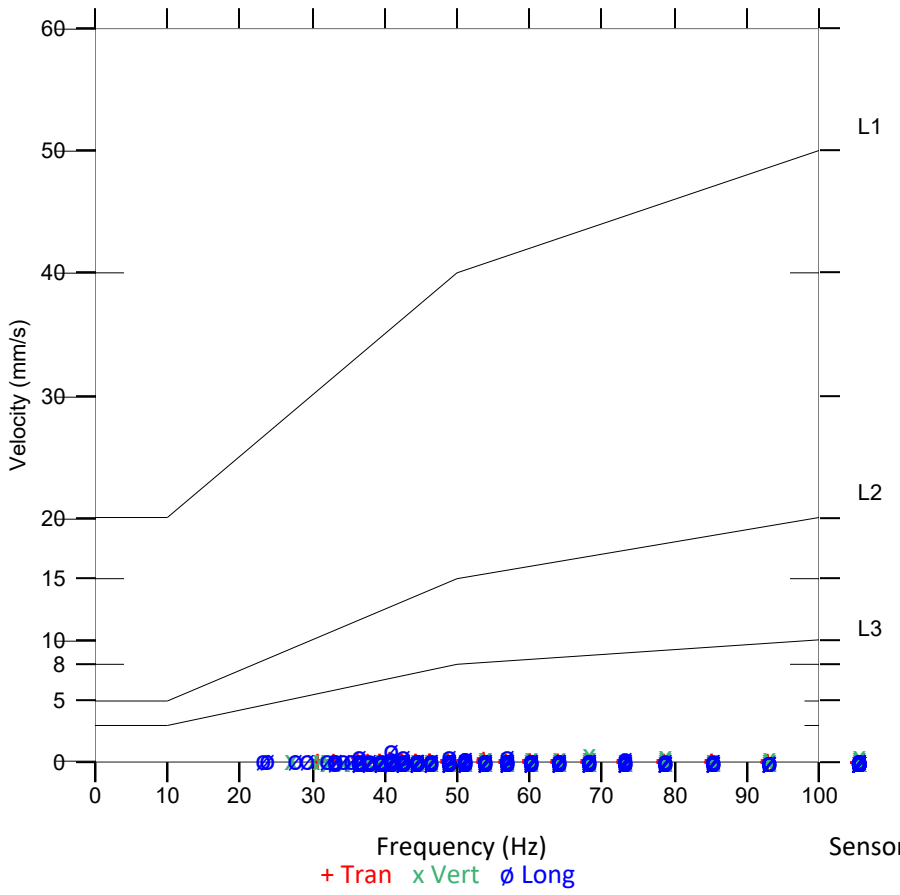
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

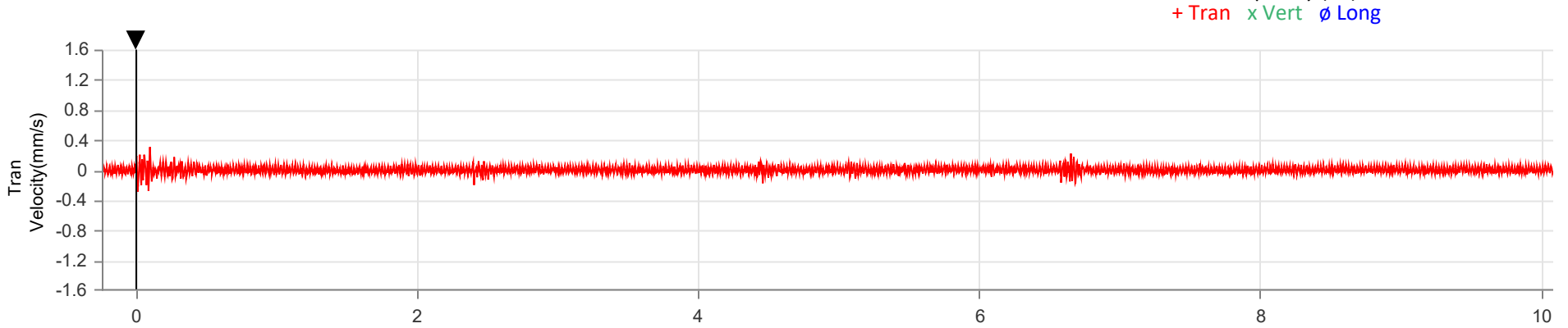
Post Event Notes No text to be displayed.

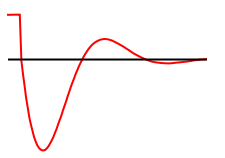
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.307 mm/s	0.654 mm/s	0.993 mm/s
Zero Crossing Frequency	39.4 Hz	73.1 Hz	41.0 Hz
Time (Relative to Trigger)	0.093 sec	0.001 sec	0.049 sec
Peak Acceleration	0.016 g	0.036 g	0.030 g
Peak Displacement	0.001 mm	0.001 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	0.993 mm/s at 0.049 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

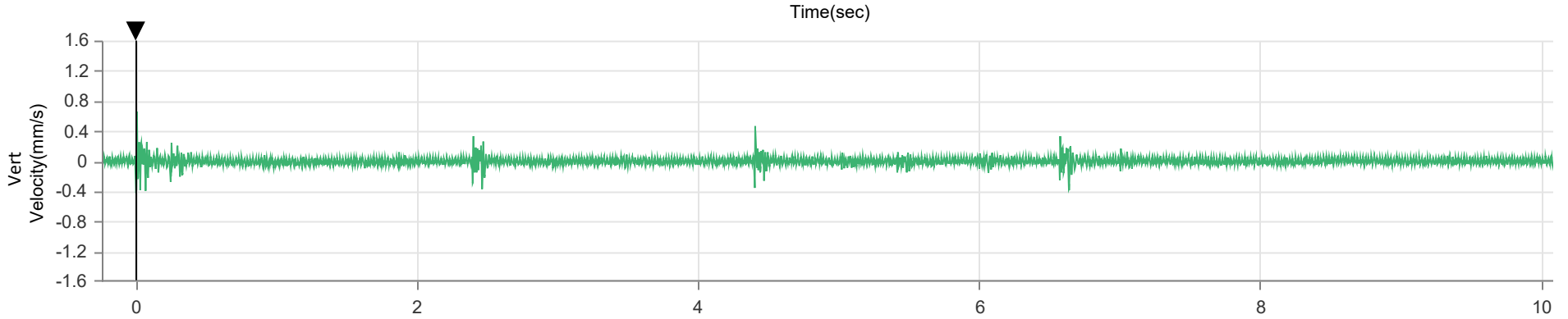


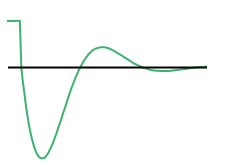
Sensor Check



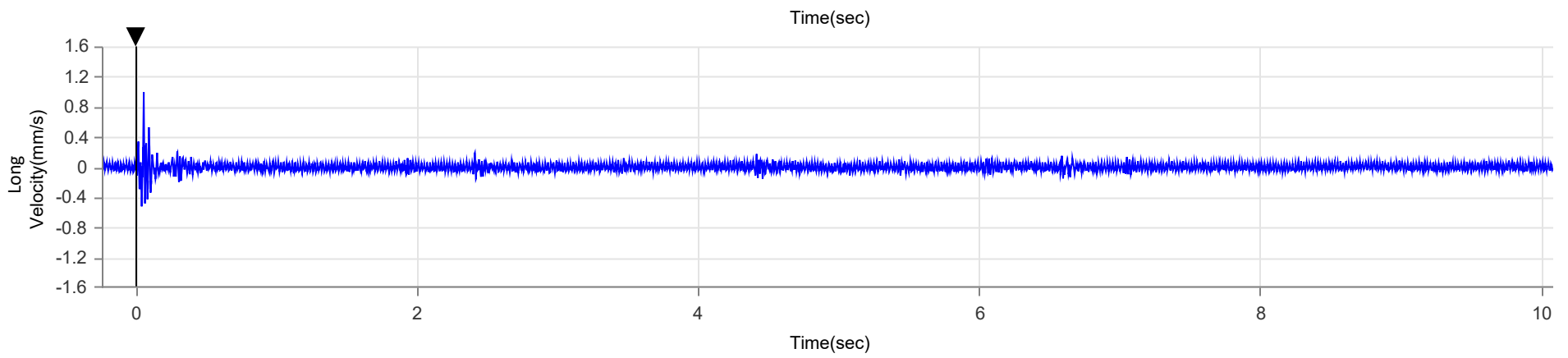


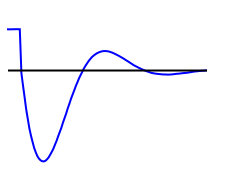
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 10:17:43	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221102101743.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

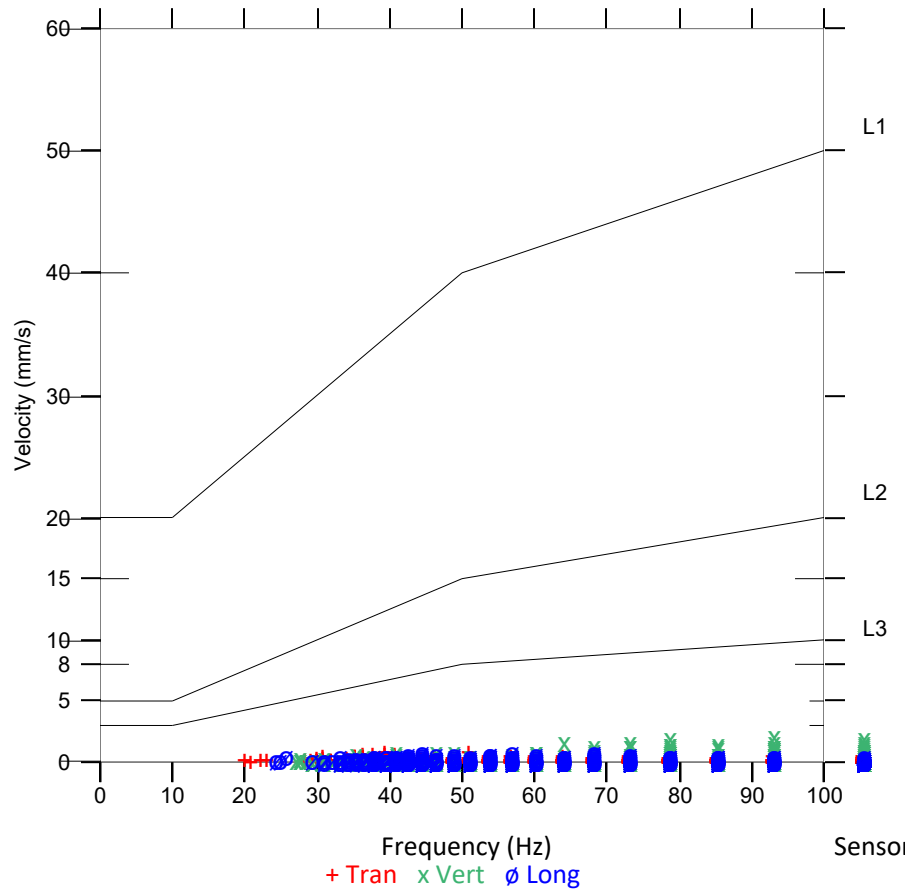
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

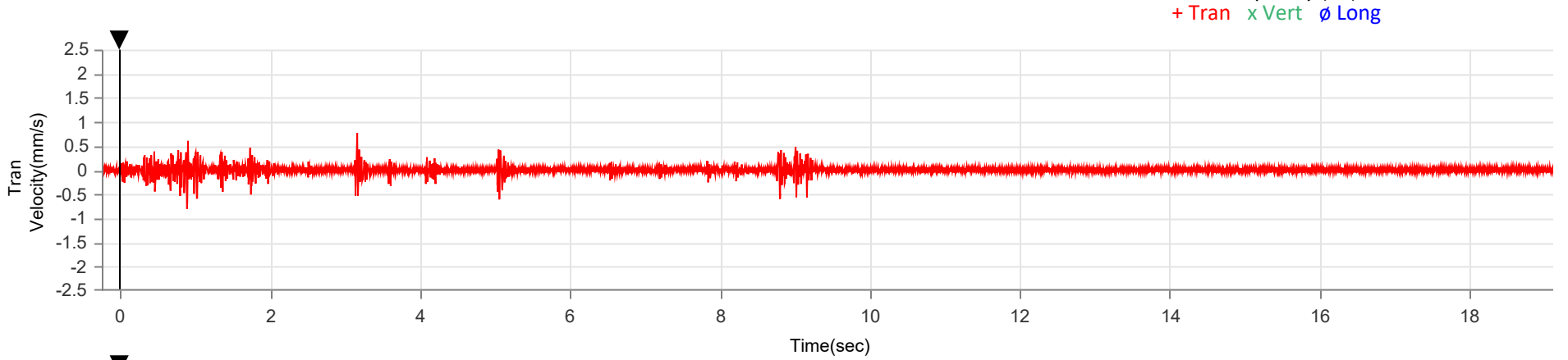
Post Event Notes No text to be displayed.

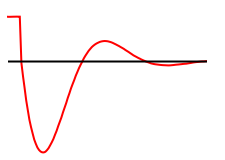
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.804 mm/s	2.175 mm/s	0.828 mm/s
Zero Crossing Frequency	39.4 Hz	93.1 Hz	68.3 Hz
Time (Relative to Trigger)	0.889 sec	5.025 sec	1.014 sec
Peak Acceleration	0.039 g	0.194 g	0.046 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.177 mm/s at 5.025 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

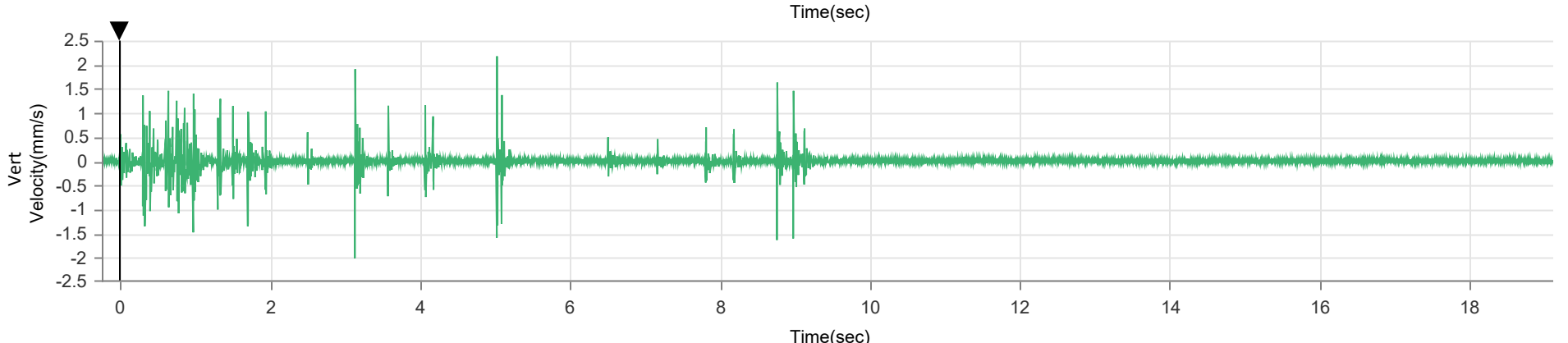


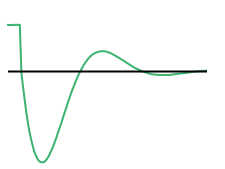
Sensor Check



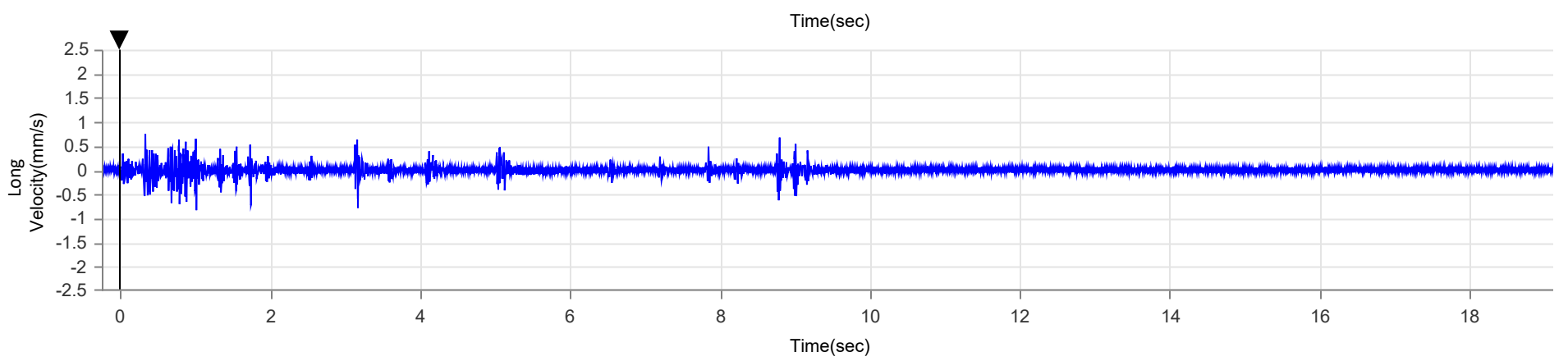


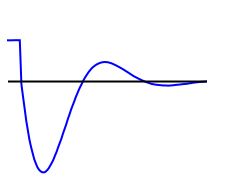
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 11:24:58	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221102112458.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

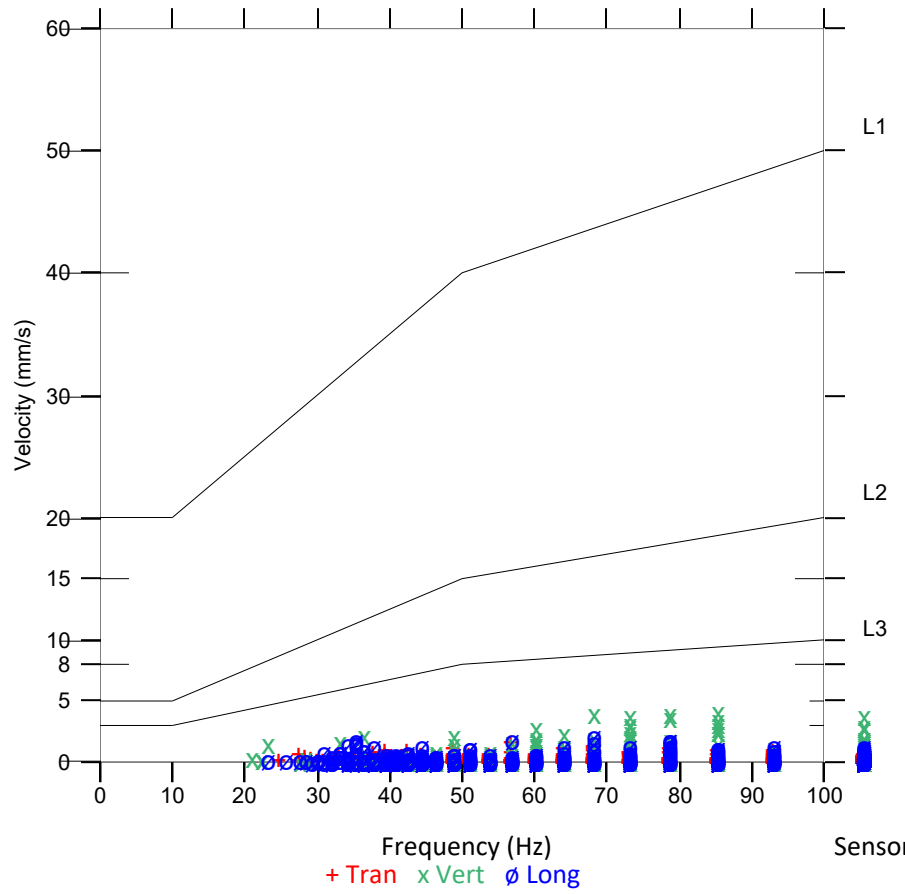
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

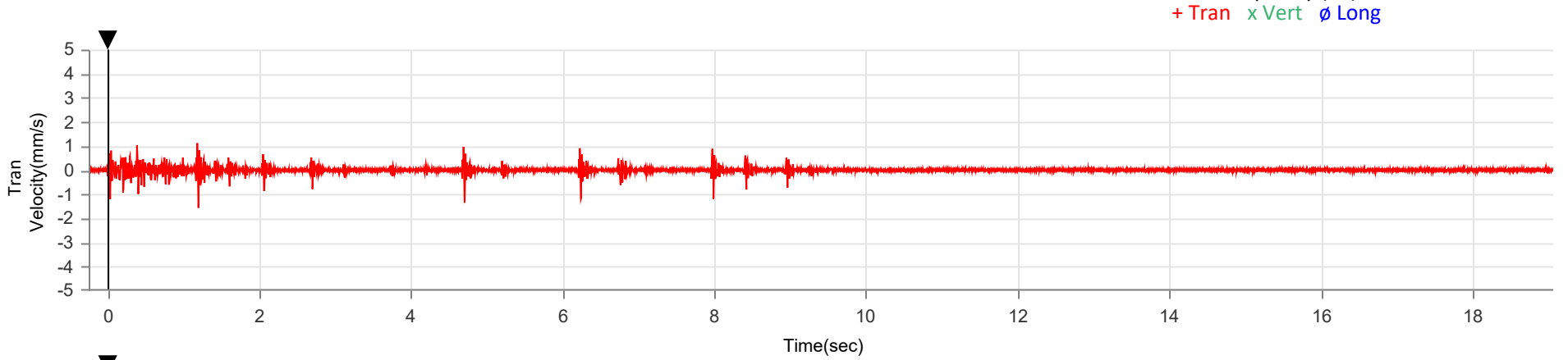
Post Event Notes No text to be displayed.

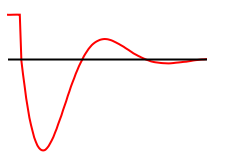
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.561 mm/s	4.067 mm/s	2.144 mm/s
Zero Crossing Frequency	56.9 Hz	85.3 Hz	68.3 Hz
Time (Relative to Trigger)	1.199 sec	7.962 sec	1.199 sec
Peak Acceleration	0.076 g	0.378 g	0.115 g
Peak Displacement	0.004 mm	0.009 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	4.090 mm/s at 7.962 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

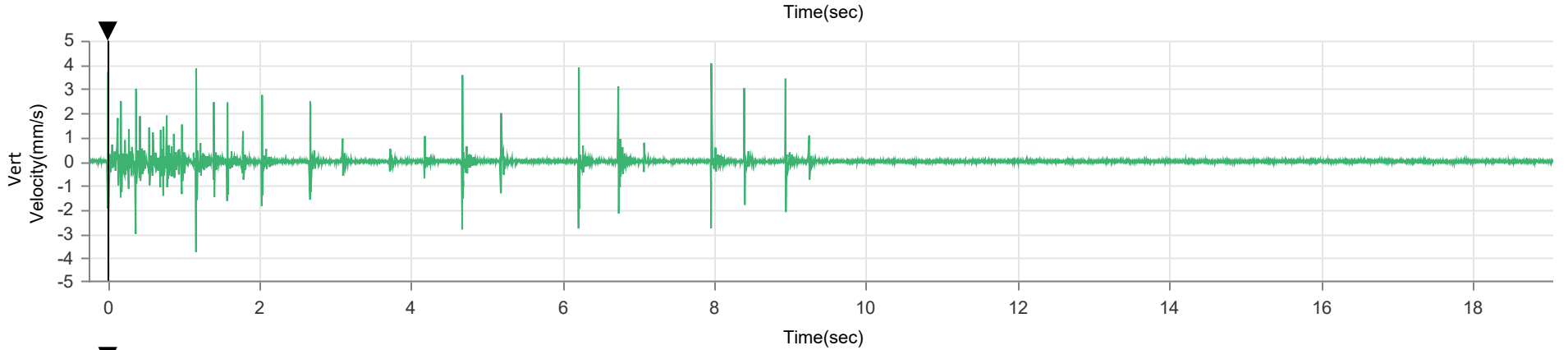


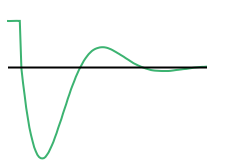
Sensor Check



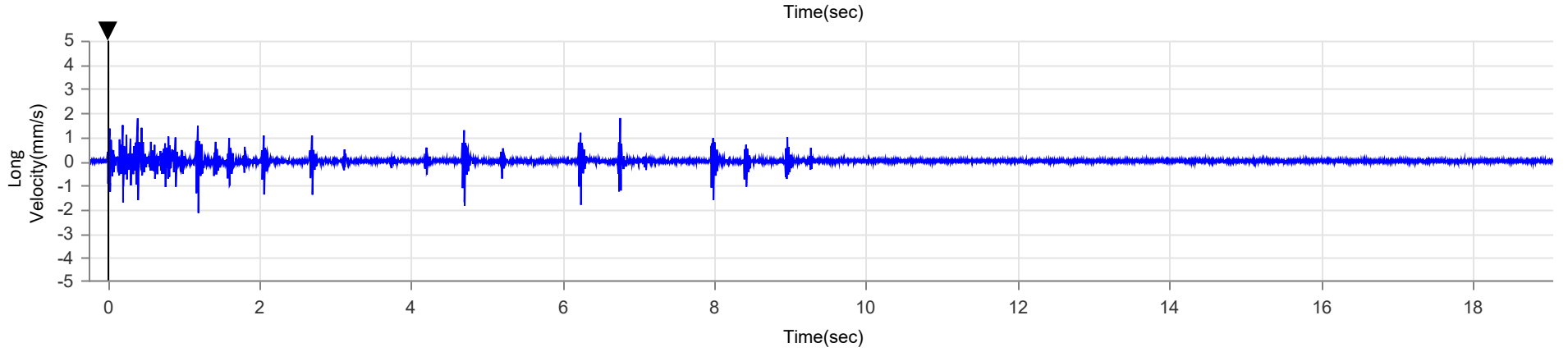


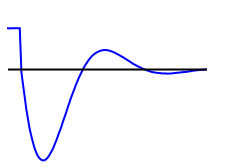
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 14:11:32	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221102141132.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

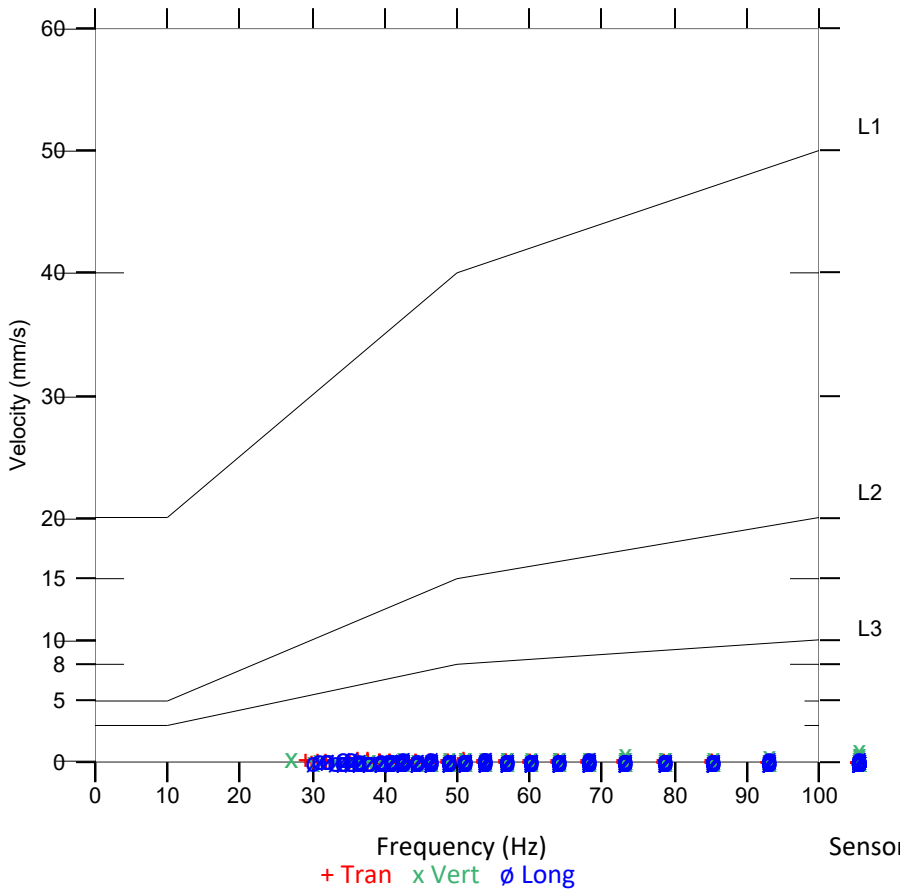
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

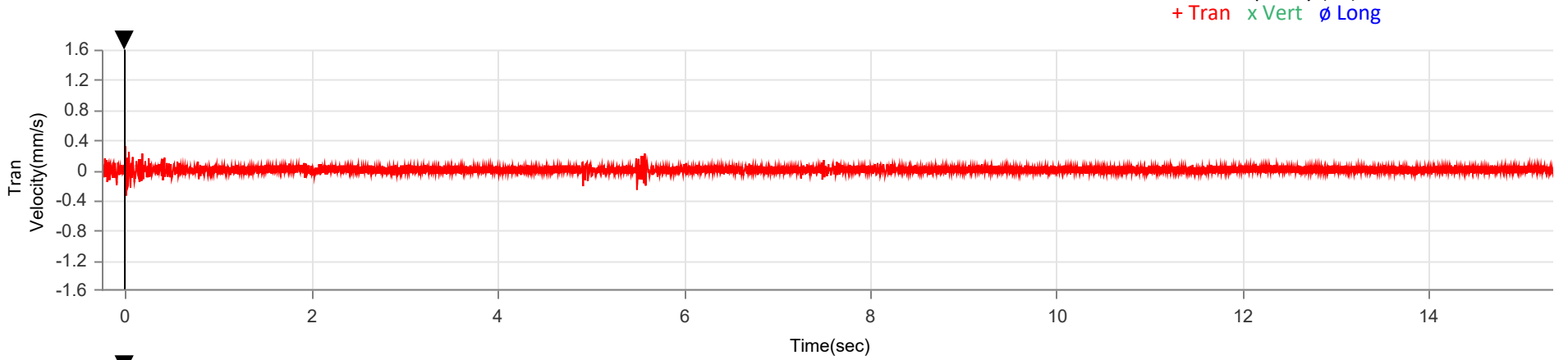
Post Event Notes No text to be displayed.

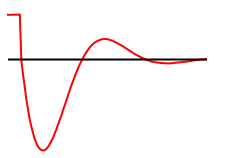
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.339 mm/s	0.985 mm/s	0.331 mm/s
Zero Crossing Frequency	36.6 Hz	>100 Hz	93.1 Hz
Time (Relative to Trigger)	0.011 sec	0.005 sec	4.923 sec
Peak Acceleration	0.018 g	0.069 g	0.030 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	1.029 mm/s at 0.005 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

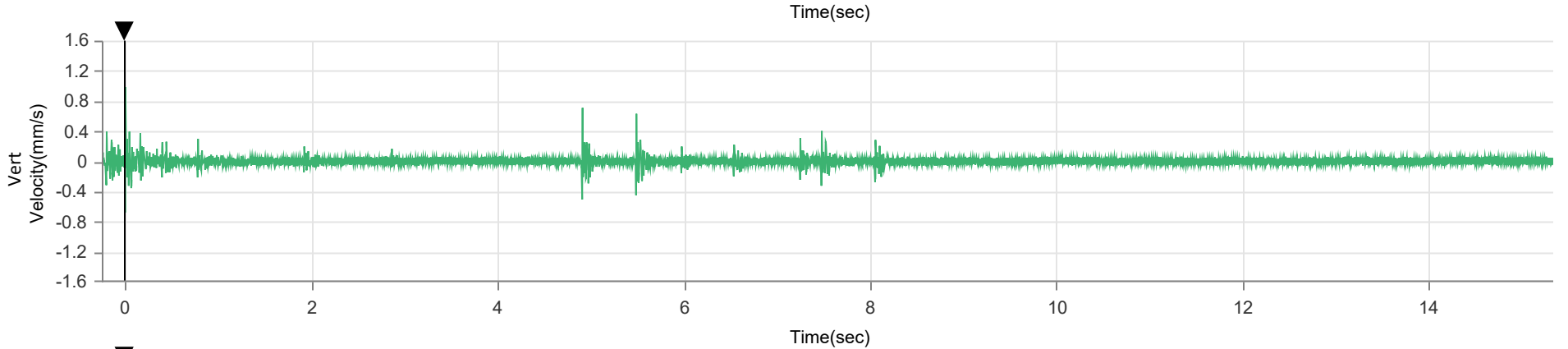


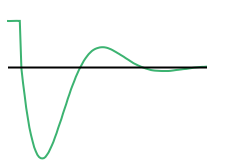
Sensor Check



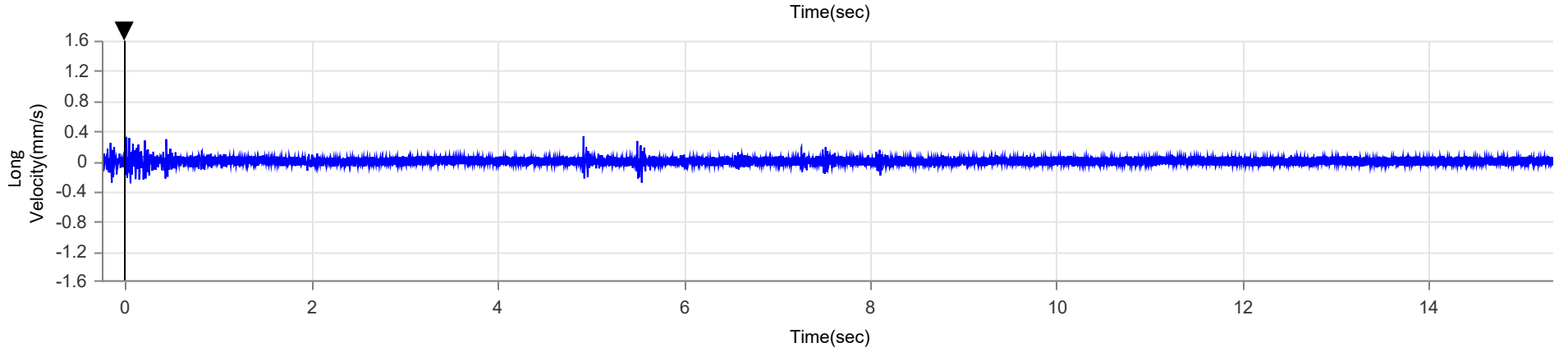


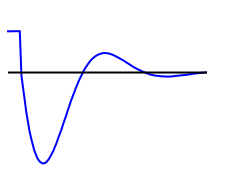
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:13	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

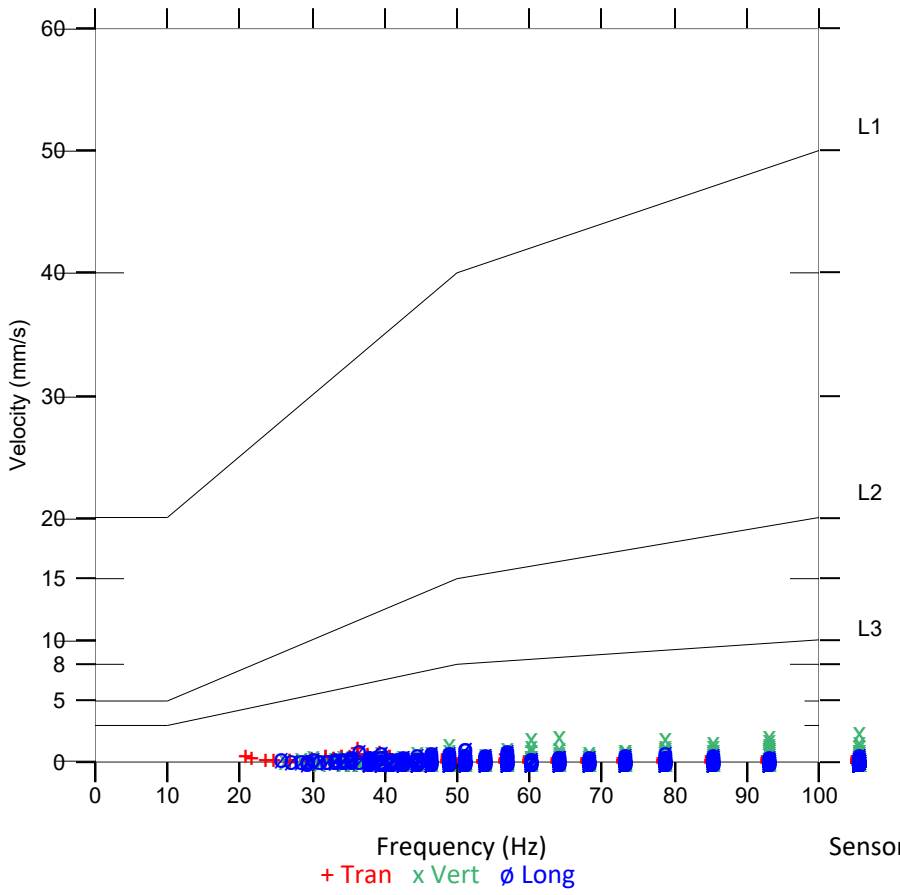
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

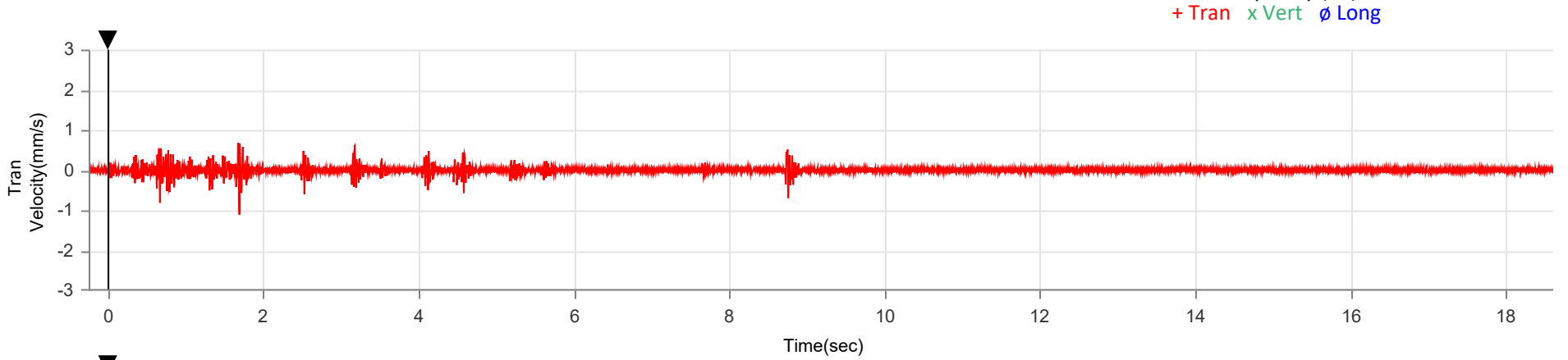
Post Event Notes No text to be displayed.

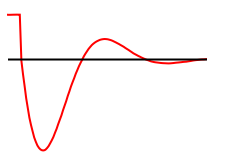
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.103 mm/s	2.459 mm/s	1.214 mm/s
Zero Crossing Frequency	36.6 Hz	>100 Hz	51.2 Hz
Time (Relative to Trigger)	1.691 sec	8.718 sec	0.655 sec
Peak Acceleration	0.049 g	0.183 g	0.053 g
Peak Displacement	0.003 mm	0.005 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.5 Hz	6.9 Hz	6.5 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.484 mm/s at 8.718 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

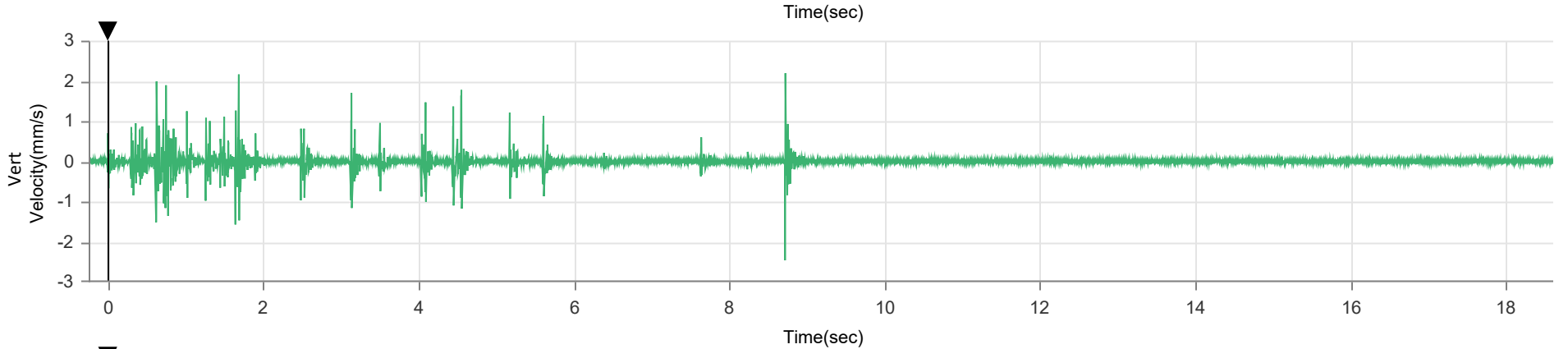


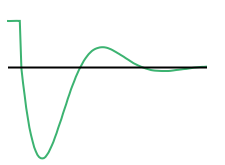
Sensor Check



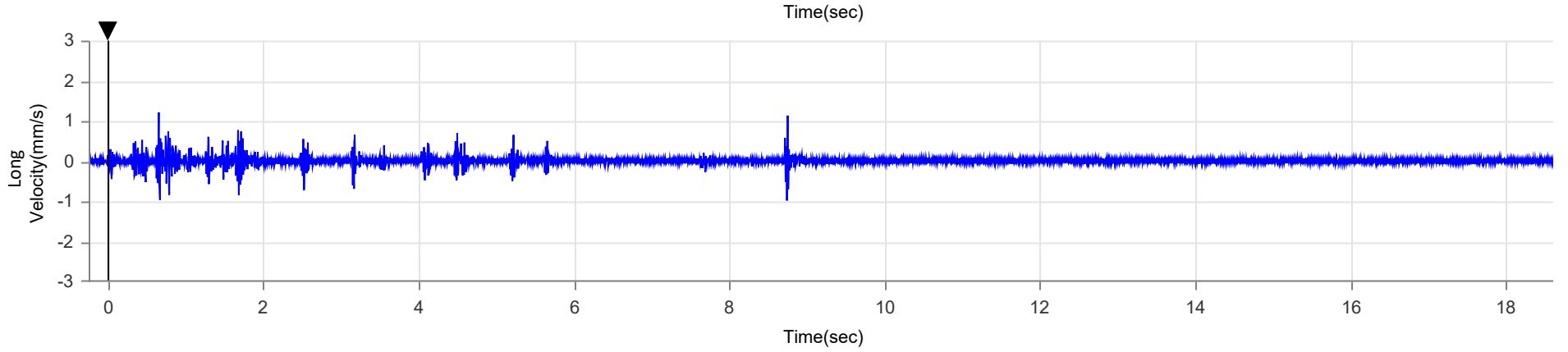


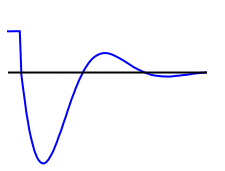
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 10:57:48	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221103105748.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

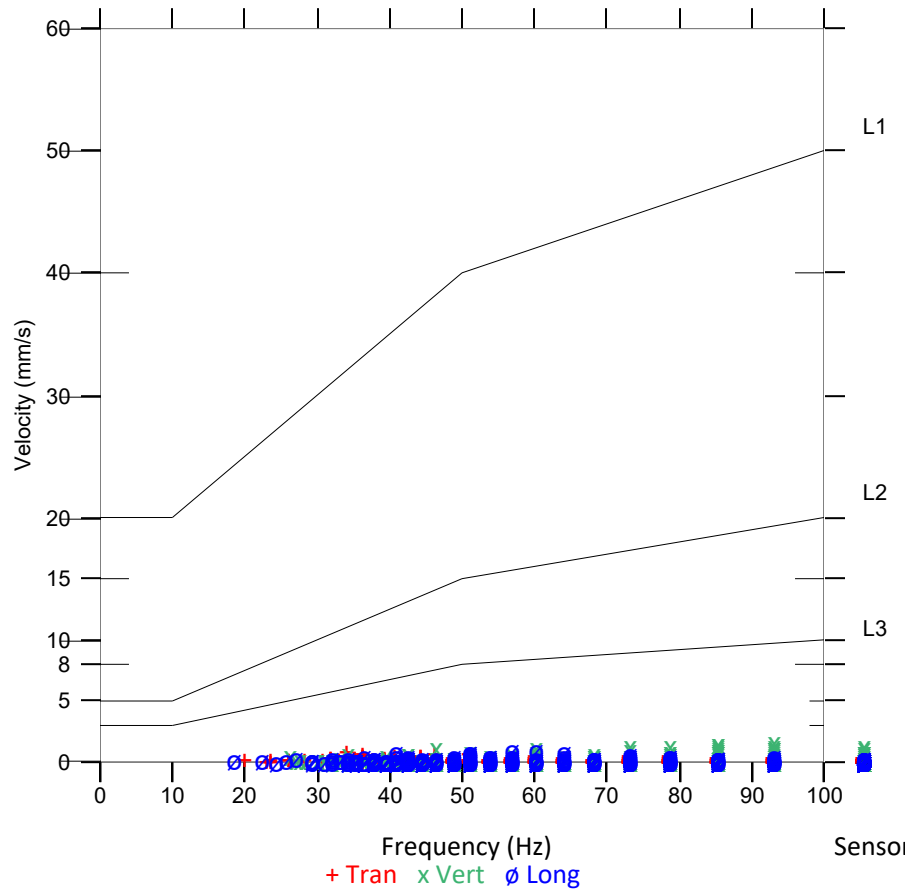
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

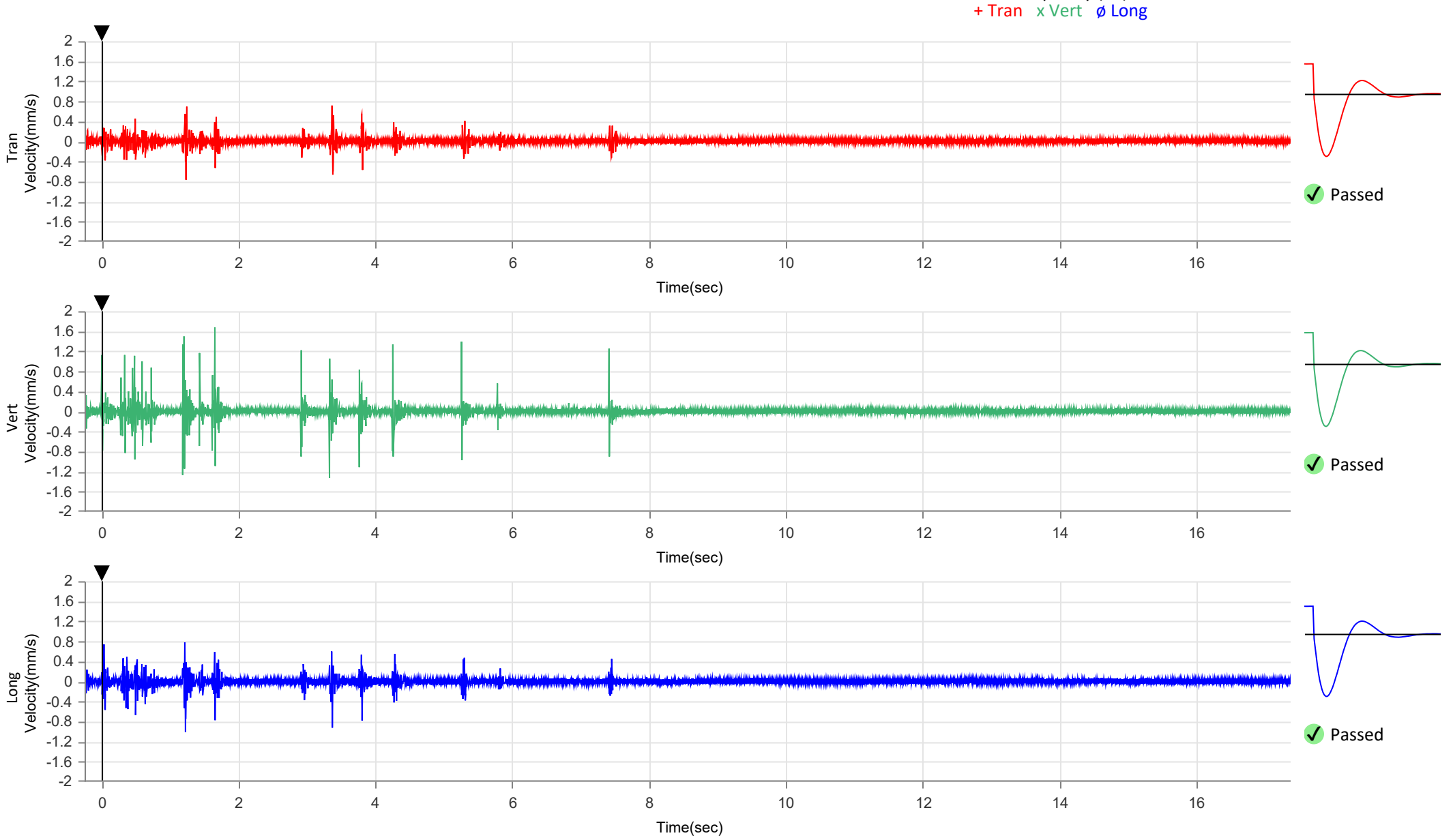
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.765 mm/s	1.679 mm/s	1.009 mm/s
Zero Crossing Frequency	34.1 Hz	93.1 Hz	56.9 Hz
Time (Relative to Trigger)	1.233 sec	1.654 sec	1.226 sec
Peak Acceleration	0.038 g	0.137 g	0.043 g
Peak Displacement	0.003 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	1.739 mm/s at 1.654 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:40	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

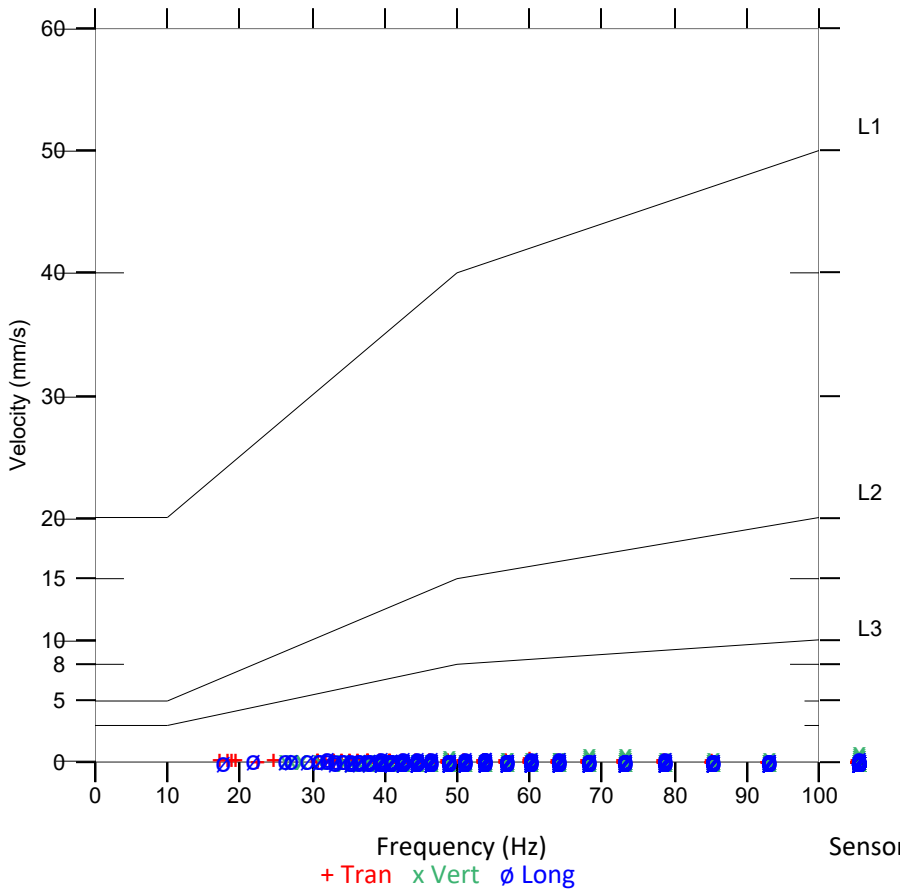
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

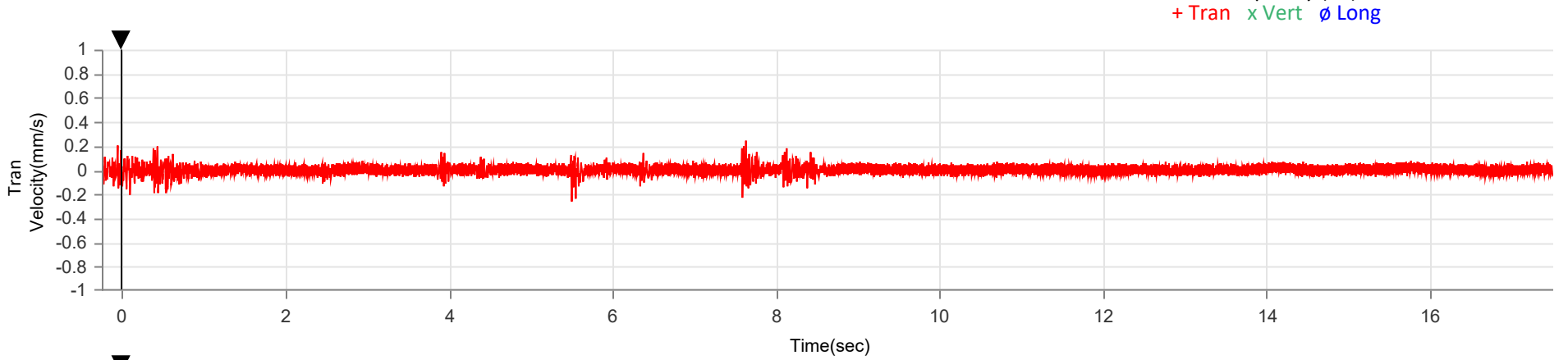
Post Event Notes No text to be displayed.

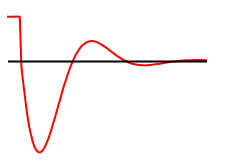
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.260 mm/s	0.859 mm/s	0.378 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	5.500 sec	5.494 sec	5.504 sec
Peak Acceleration	0.015 g	0.063 g	0.025 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	0.872 mm/s at 5.494 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

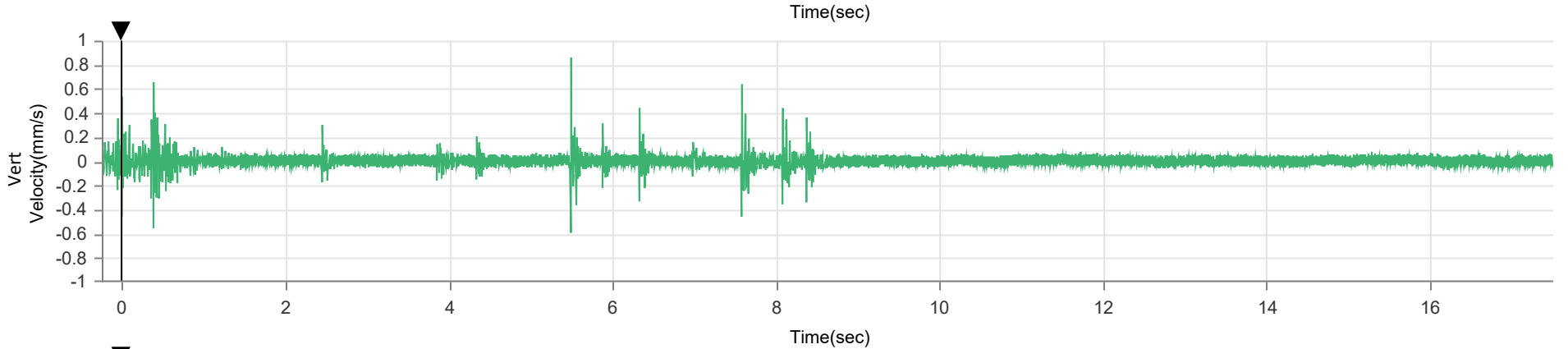


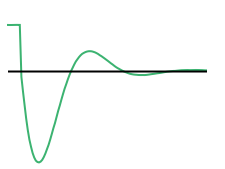
Sensor Check



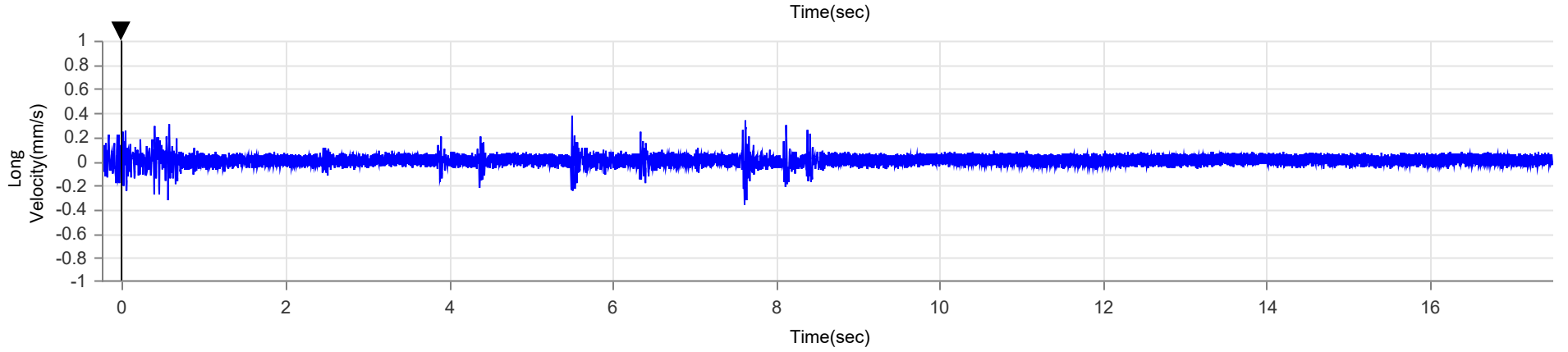


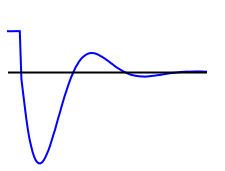
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 14:11:20	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221103141120.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

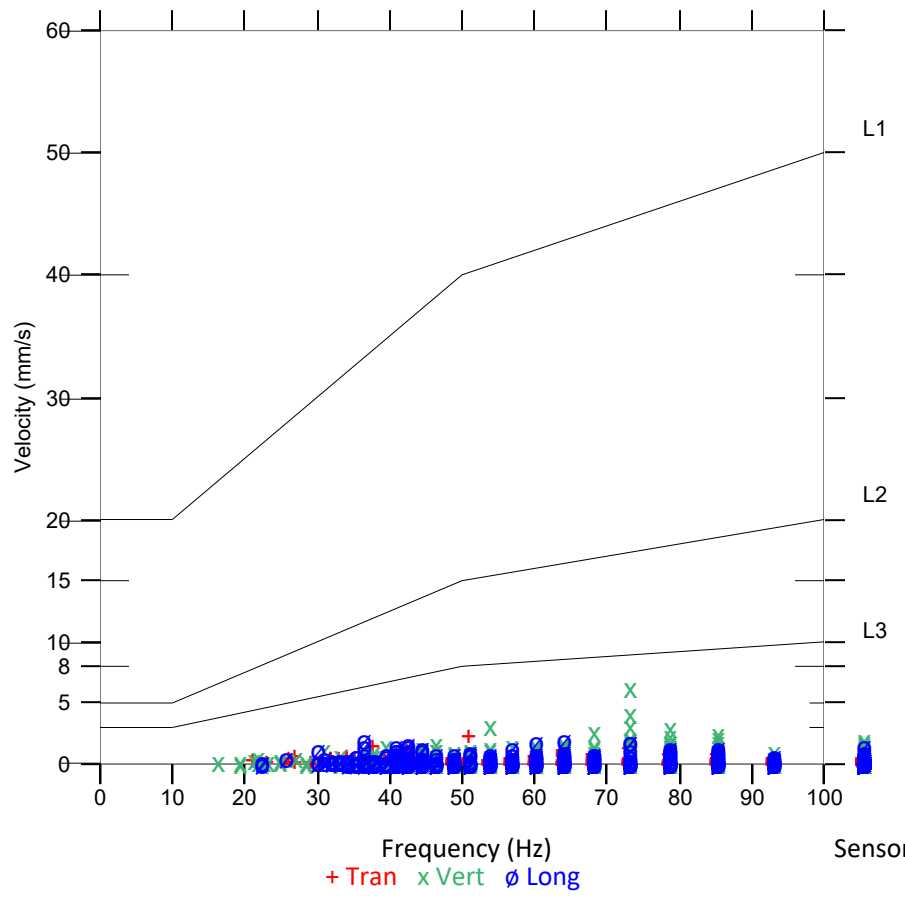
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

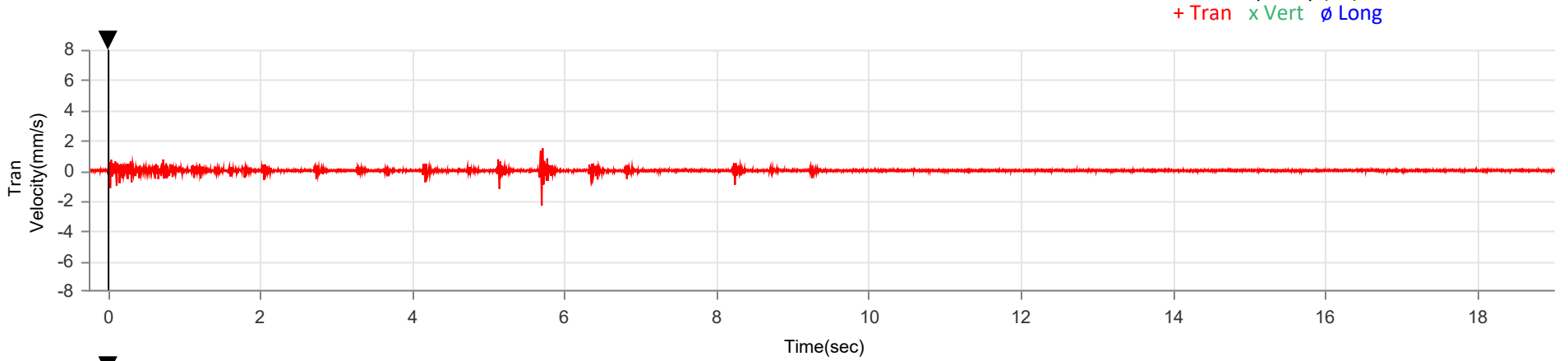
Post Event Notes No text to be displayed.

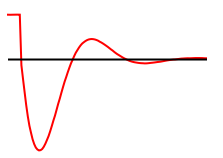
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.317 mm/s	6.274 mm/s	2.041 mm/s
Zero Crossing Frequency	51.2 Hz	73.1 Hz	64.0 Hz
Time (Relative to Trigger)	5.705 sec	5.677 sec	4.159 sec
Peak Acceleration	0.082 g	0.367 g	0.102 g
Peak Displacement	0.006 mm	0.014 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	6.307 mm/s at 5.677 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

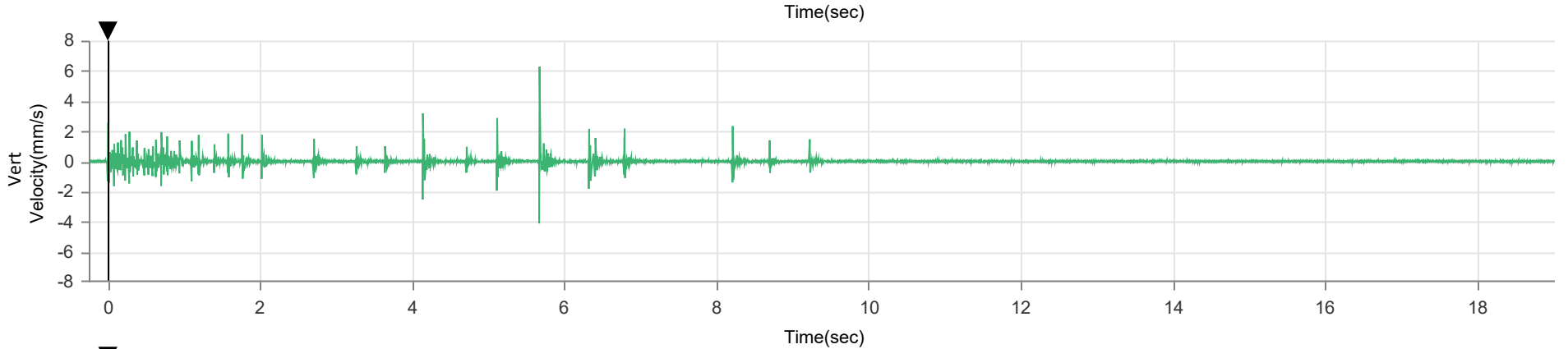


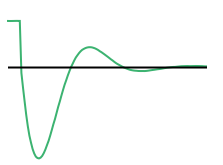
Sensor Check



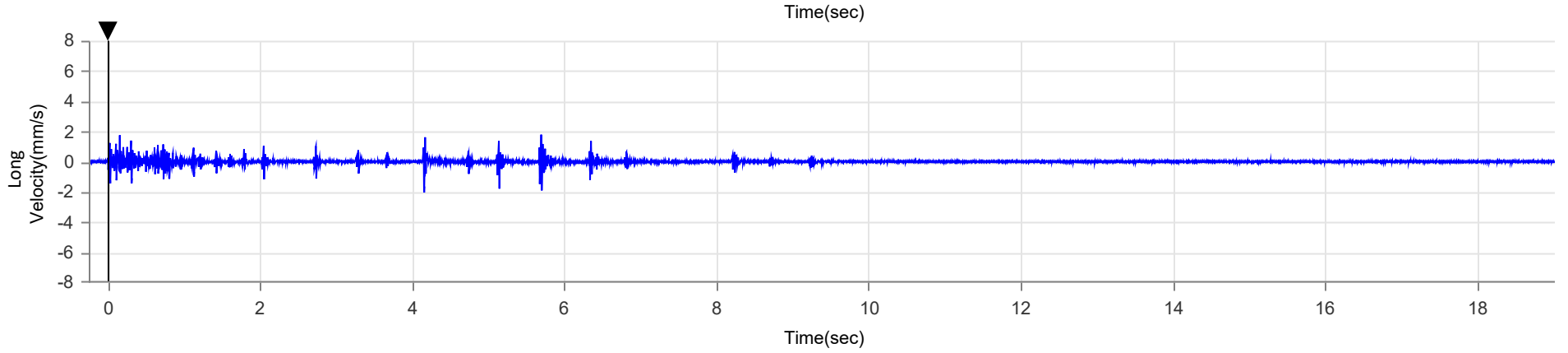


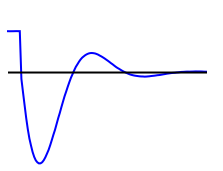
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 09:53:09	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

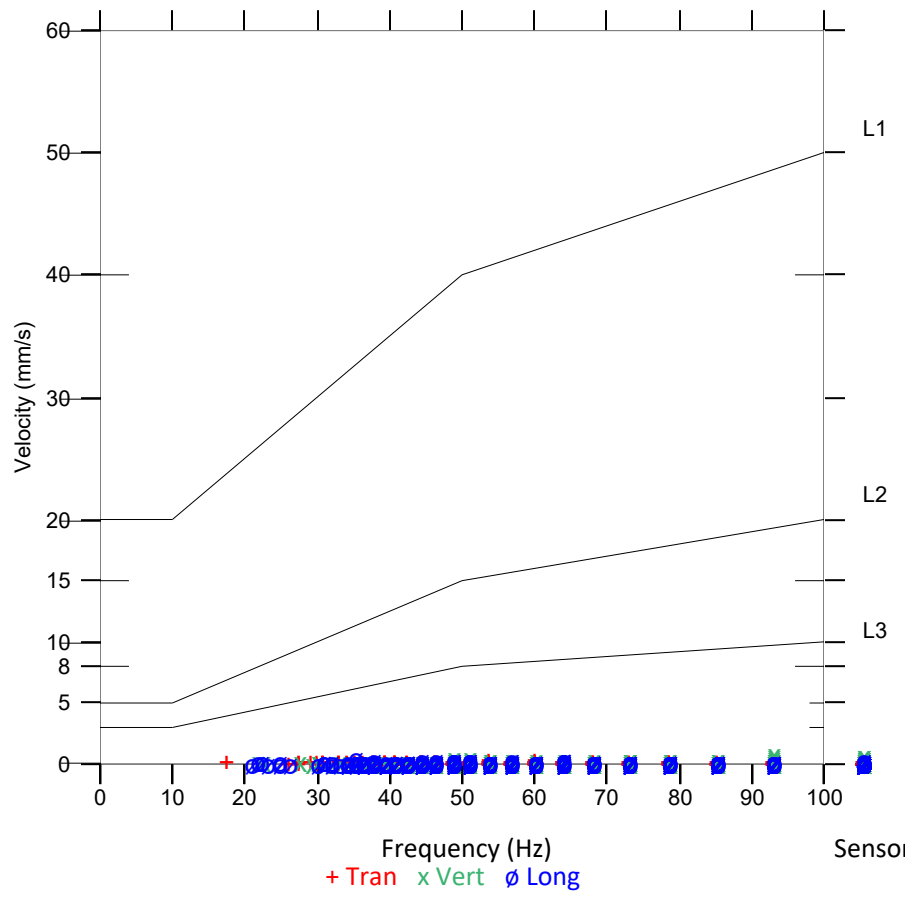
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

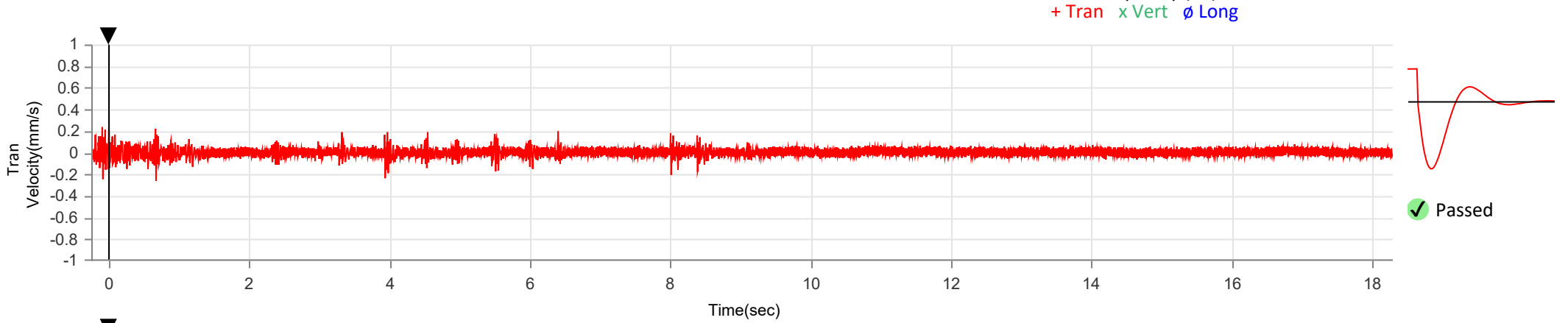
Post Event Notes No text to be displayed.

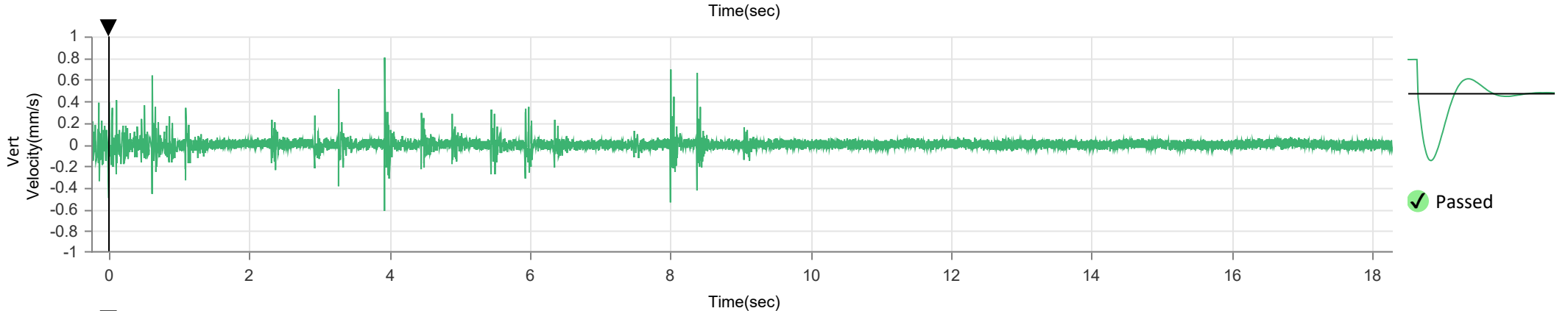
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.260 mm/s	0.804 mm/s	0.418 mm/s
Zero Crossing Frequency	53.9 Hz	93.1 Hz	35.3 Hz
Time (Relative to Trigger)	0.673 sec	3.931 sec	-0.100 sec
Peak Acceleration	0.016 g	0.066 g	0.021 g
Peak Displacement	0.001 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	0.822 mm/s at 3.931 sec		

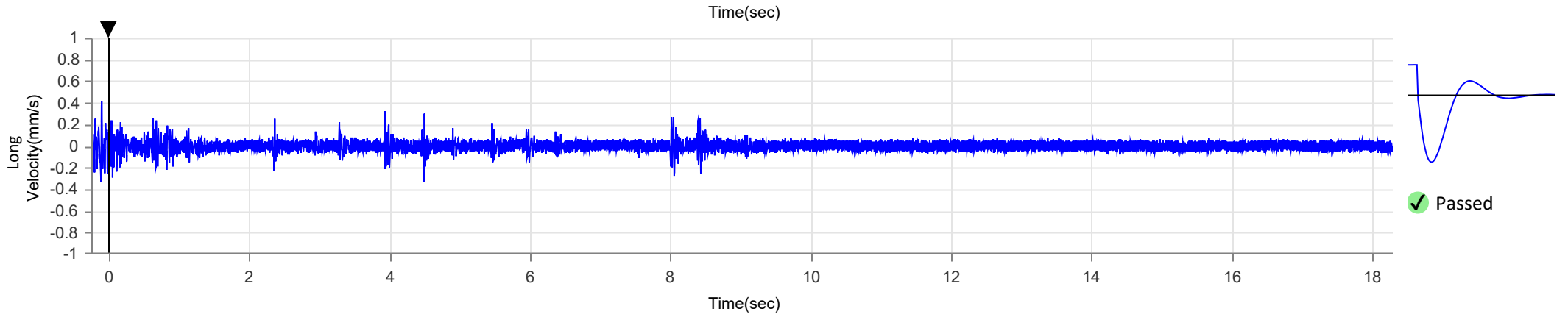
DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check







Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 11:13:24	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221104111324.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

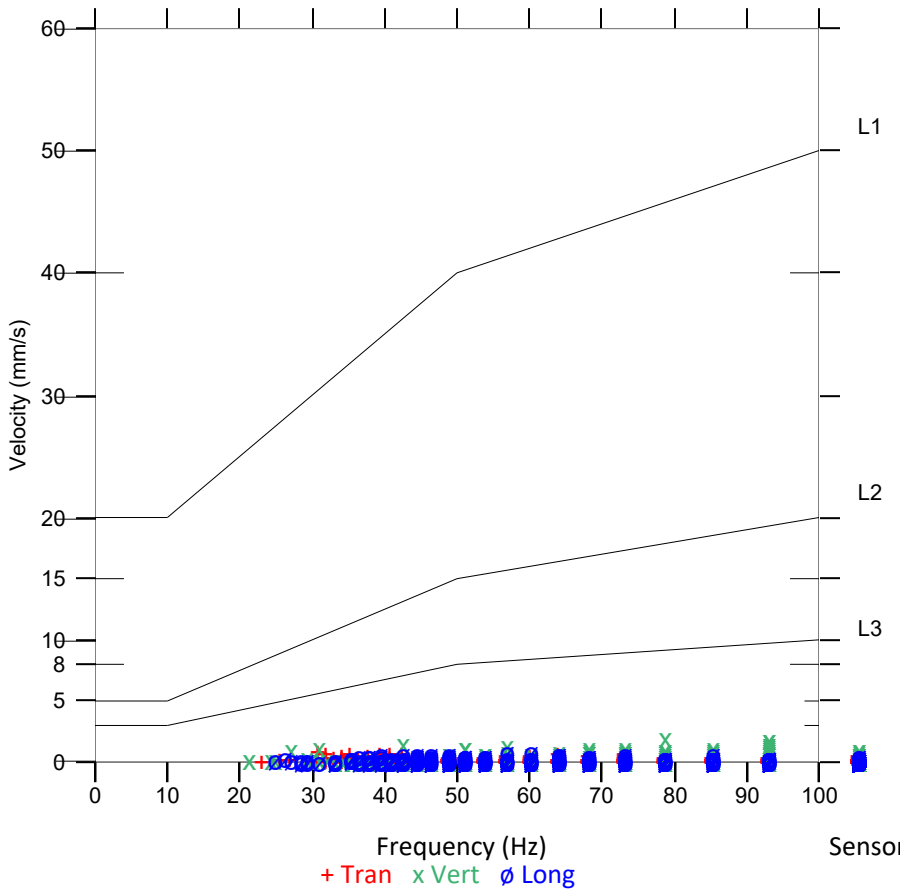
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

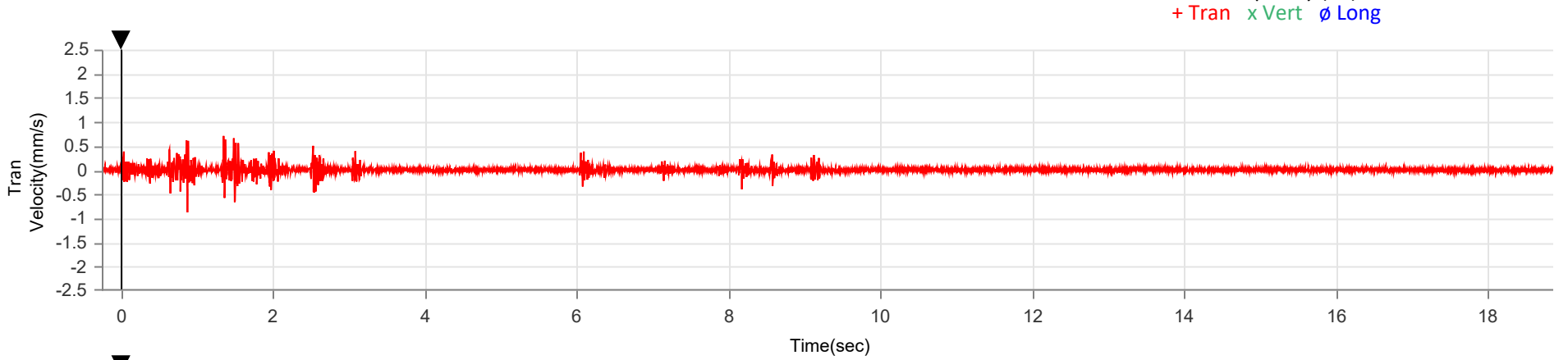
Post Event Notes No text to be displayed.

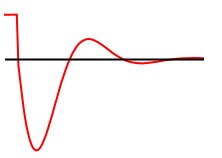
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.875 mm/s	1.892 mm/s	0.891 mm/s
Zero Crossing Frequency	31.0 Hz	78.8 Hz	56.9 Hz
Time (Relative to Trigger)	0.878 sec	0.780 sec	1.495 sec
Peak Acceleration	0.039 g	0.132 g	0.049 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	1.916 mm/s at 0.780 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

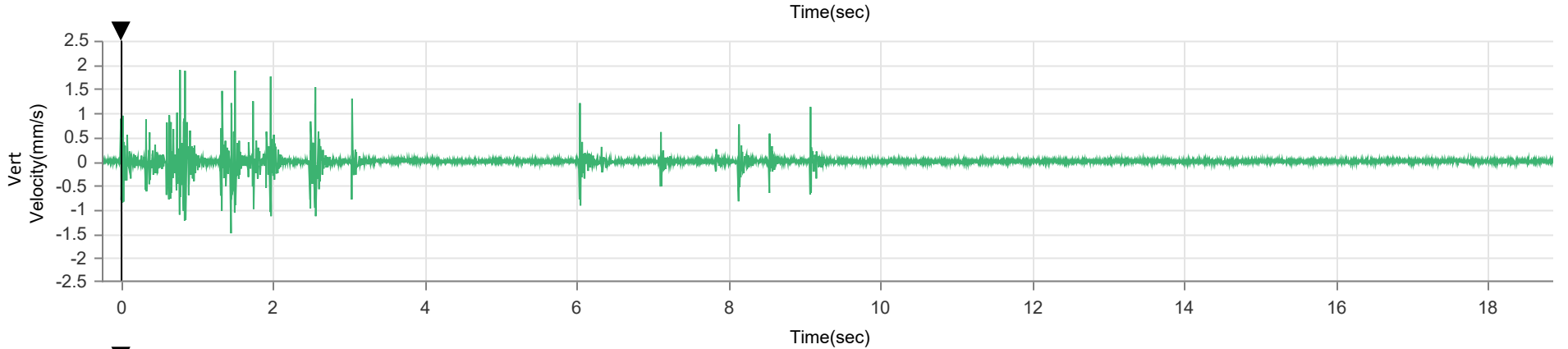


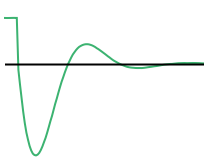
Sensor Check



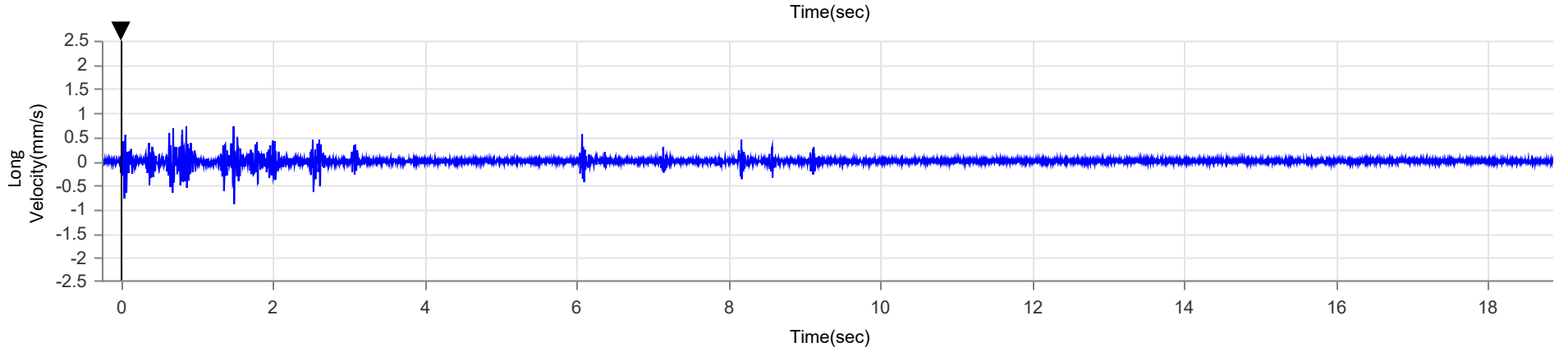


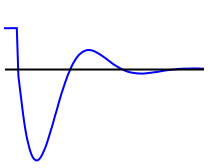
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:04	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221104120004.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

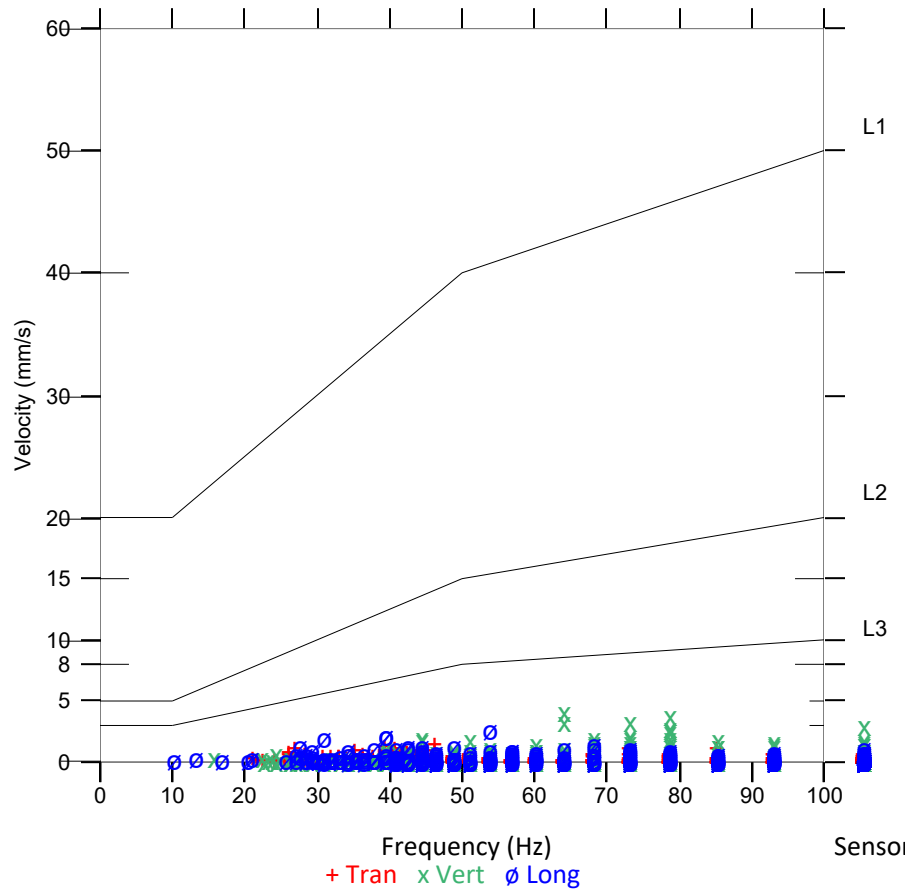
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

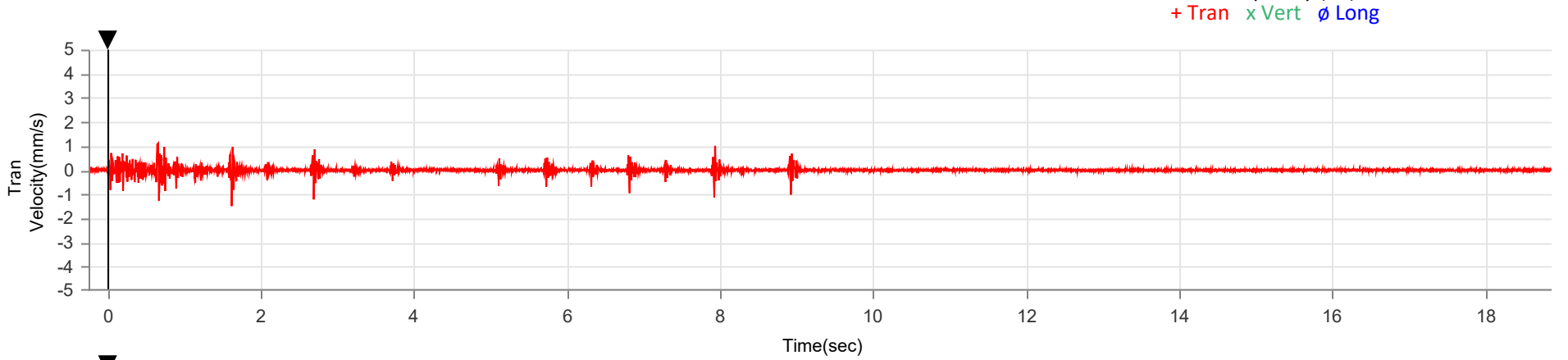
Post Event Notes No text to be displayed.

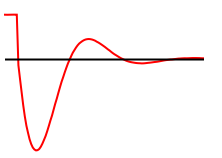
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.490 mm/s	4.067 mm/s	2.656 mm/s
Zero Crossing Frequency	46.5 Hz	64.0 Hz	53.9 Hz
Time (Relative to Trigger)	1.622 sec	1.590 sec	1.608 sec
Peak Acceleration	0.064 g	0.346 g	0.105 g
Peak Displacement	0.005 mm	0.010 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	4.113 mm/s at 1.590 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

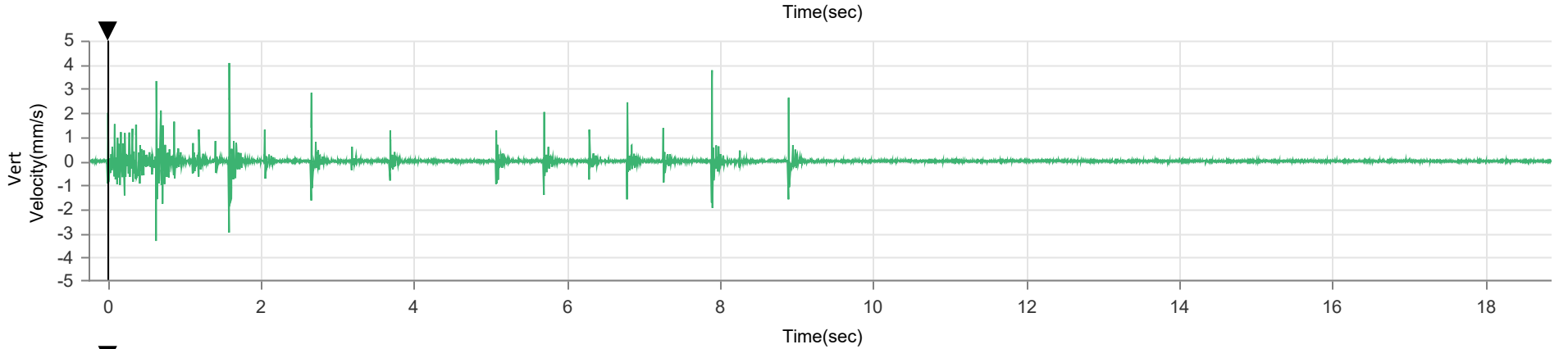


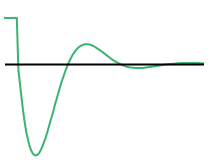
Sensor Check





✓ Passed





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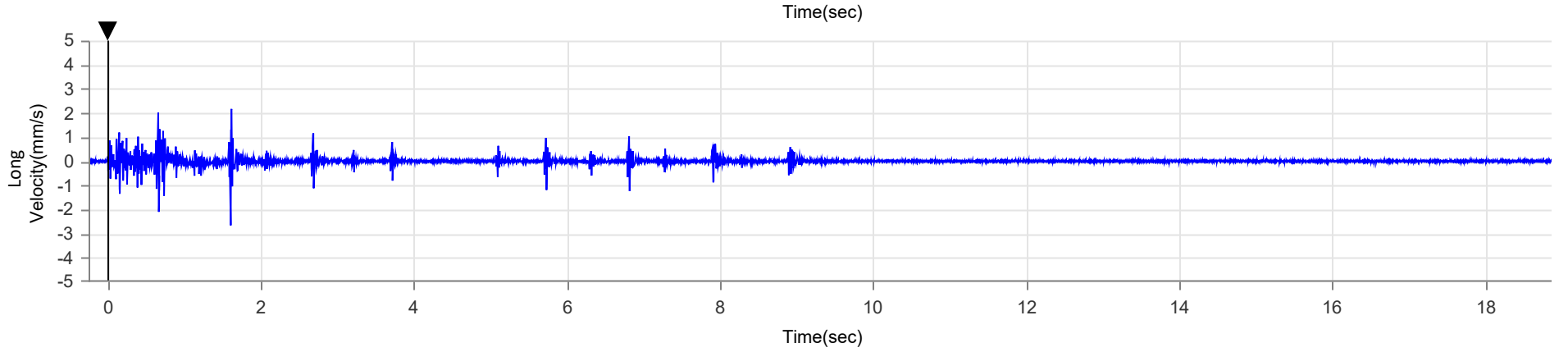
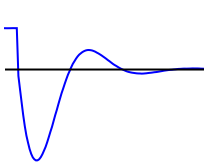




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:11	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

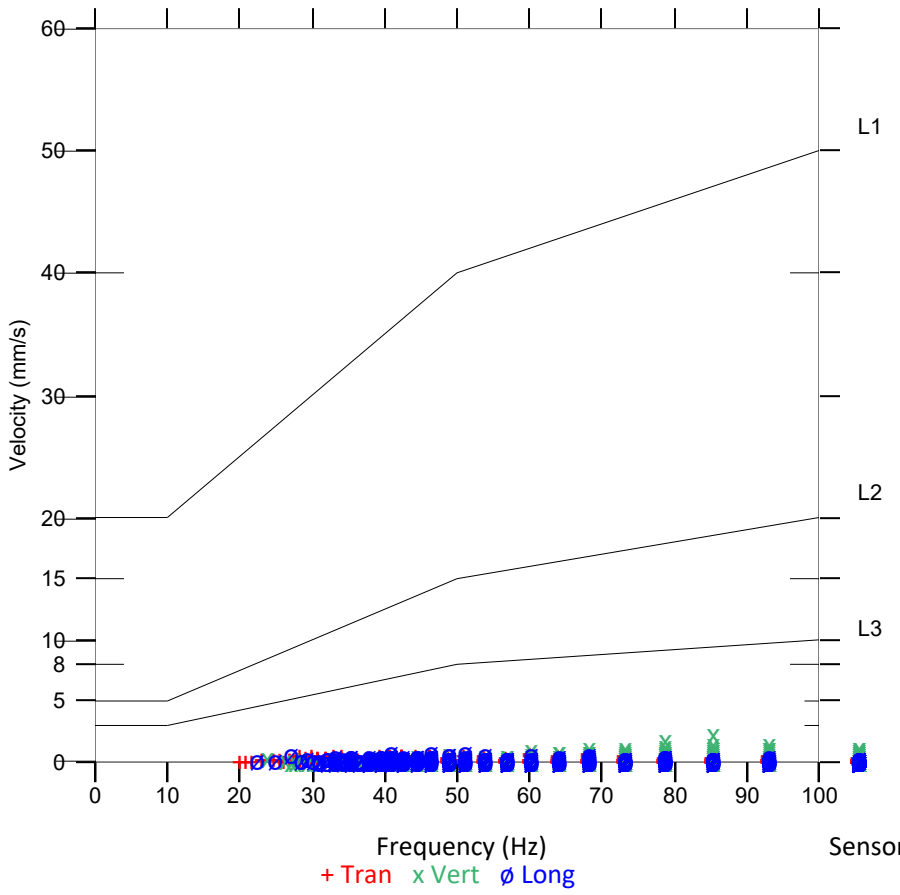
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

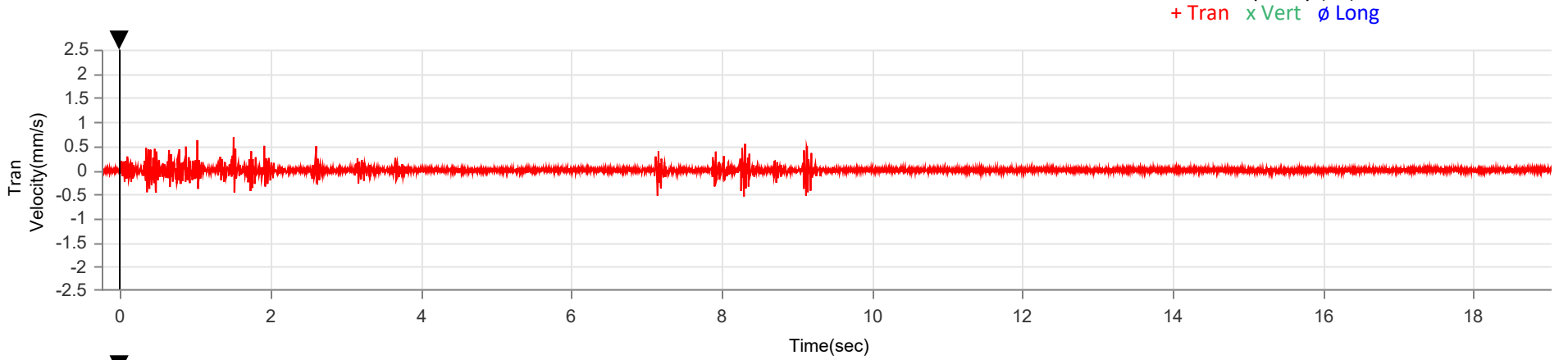
Post Event Notes No text to be displayed.

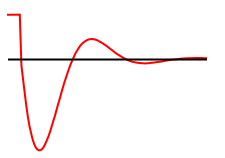
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.686 mm/s	2.270 mm/s	0.835 mm/s
Zero Crossing Frequency	68.3 Hz	85.3 Hz	48.8 Hz
Time (Relative to Trigger)	1.506 sec	9.084 sec	0.341 sec
Peak Acceleration	0.030 g	0.140 g	0.039 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.272 mm/s at 9.084 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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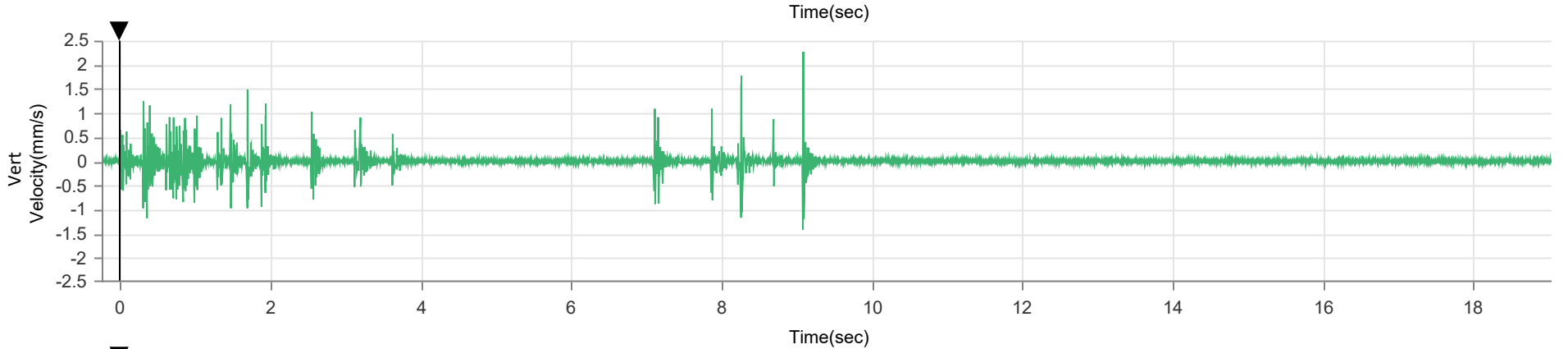

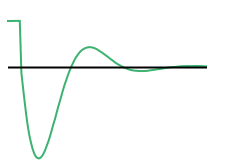

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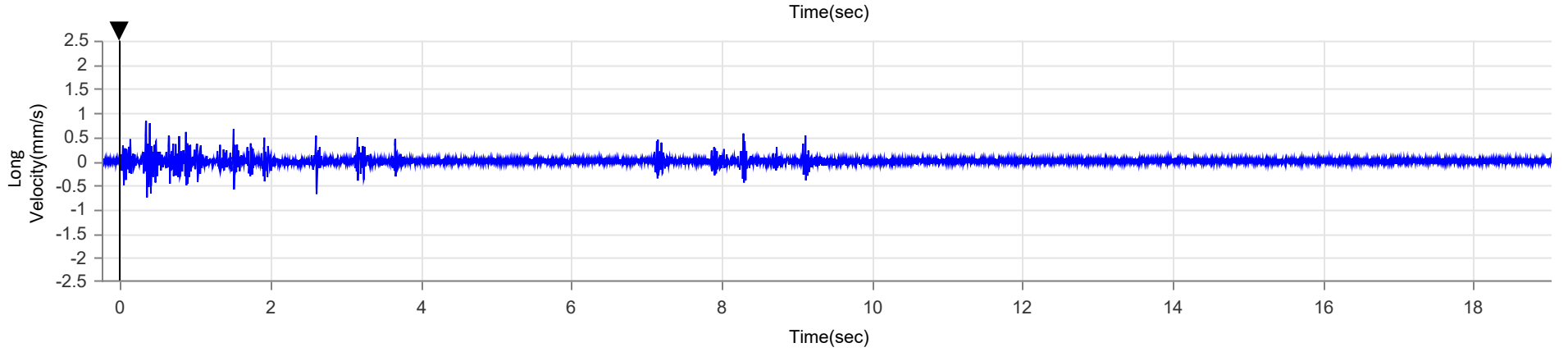

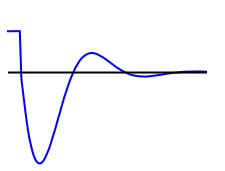

✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 10:41:06	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

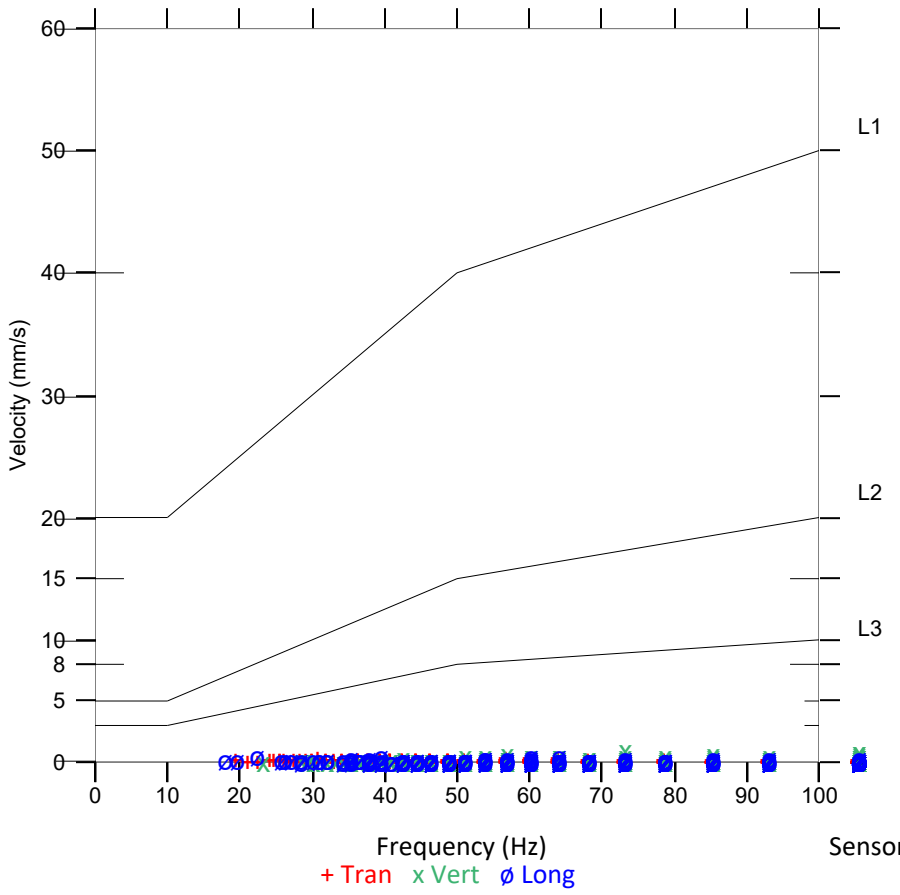
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

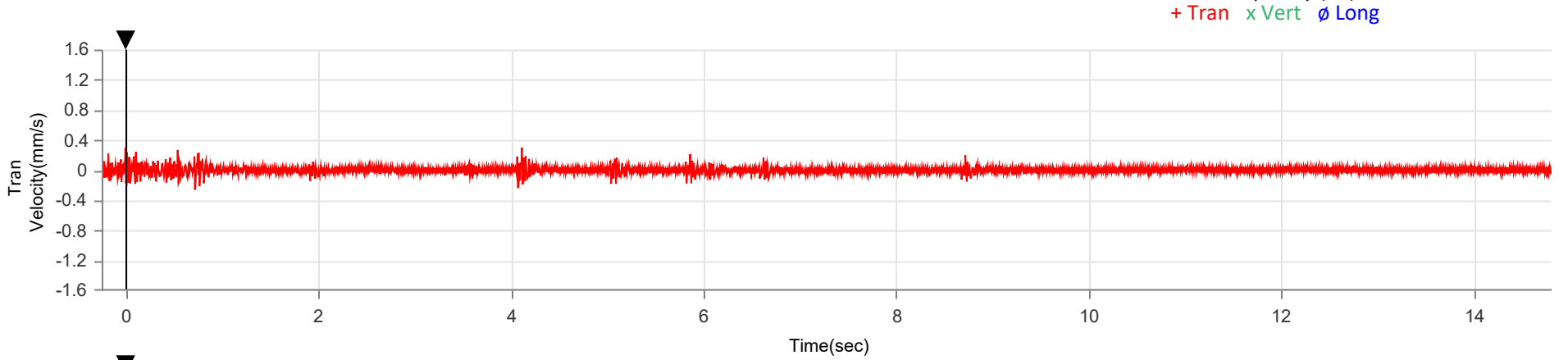
Post Event Notes No text to be displayed.

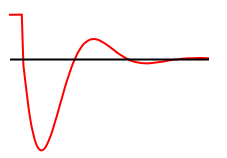
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.300 mm/s	0.969 mm/s	0.481 mm/s
Zero Crossing Frequency	56.9 Hz	73.1 Hz	39.4 Hz
Time (Relative to Trigger)	-0.004 sec	0.713 sec	4.109 sec
Peak Acceleration	0.020 g	0.079 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	0.991 mm/s at 0.713 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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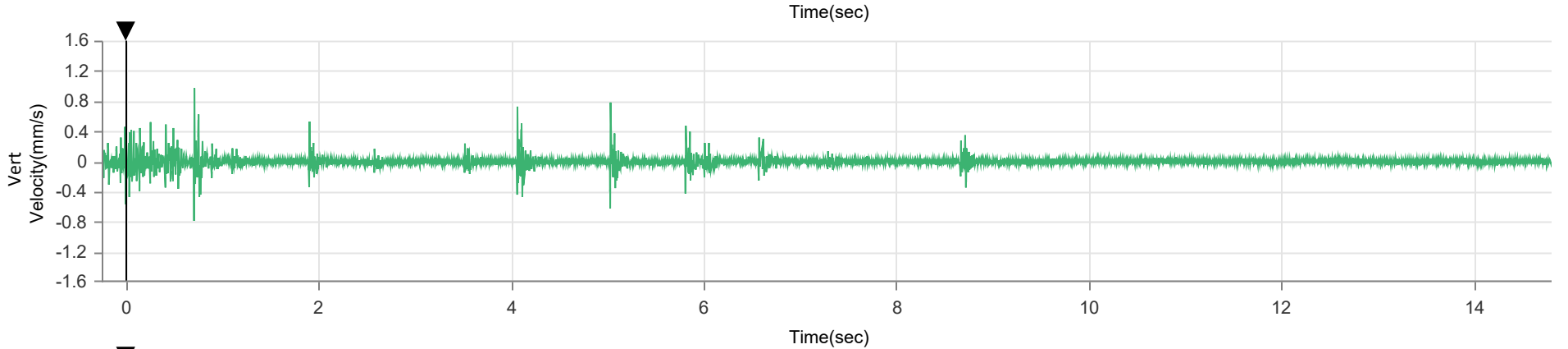

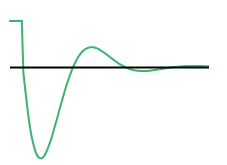

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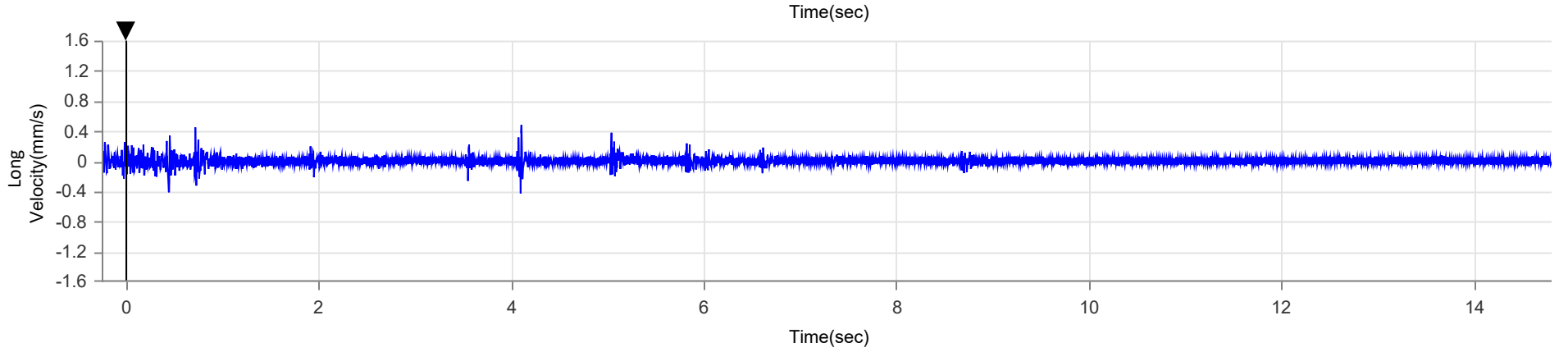

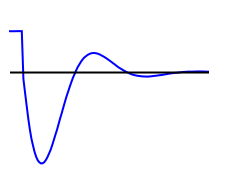

✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 12:16:42	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221105121642.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

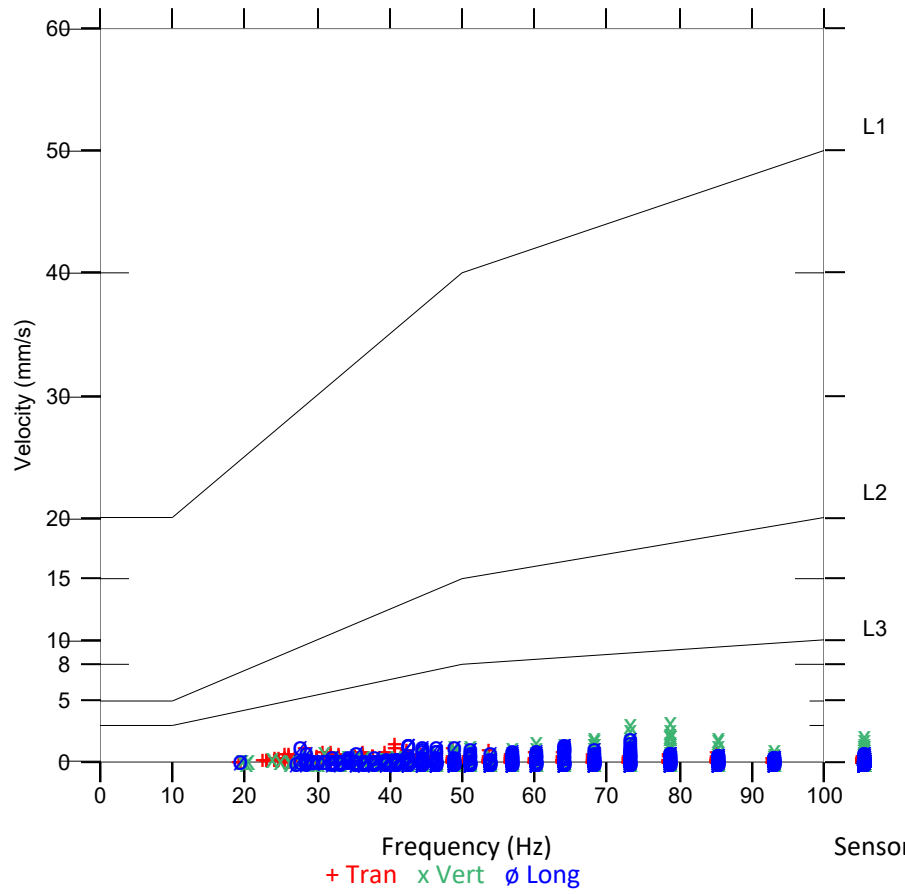
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

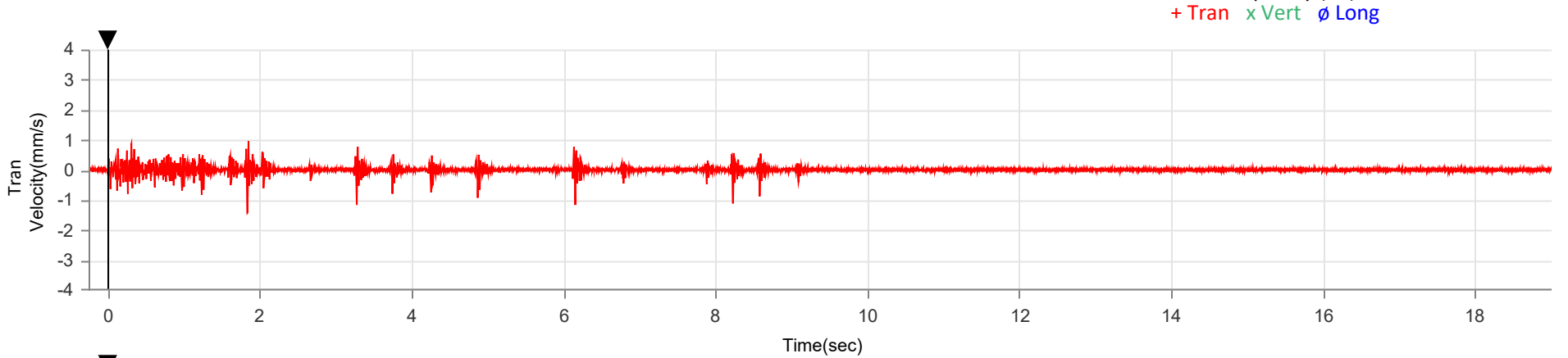
Post Event Notes No text to be displayed.

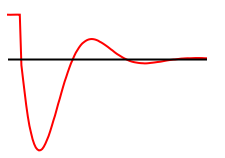
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.427 mm/s	3.192 mm/s	2.010 mm/s
Zero Crossing Frequency	41.0 Hz	85.3 Hz	73.1 Hz
Time (Relative to Trigger)	1.842 sec	6.127 sec	1.229 sec
Peak Acceleration	0.044 g	0.237 g	0.097 g
Peak Displacement	0.005 mm	0.007 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	3.209 mm/s at 6.127 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

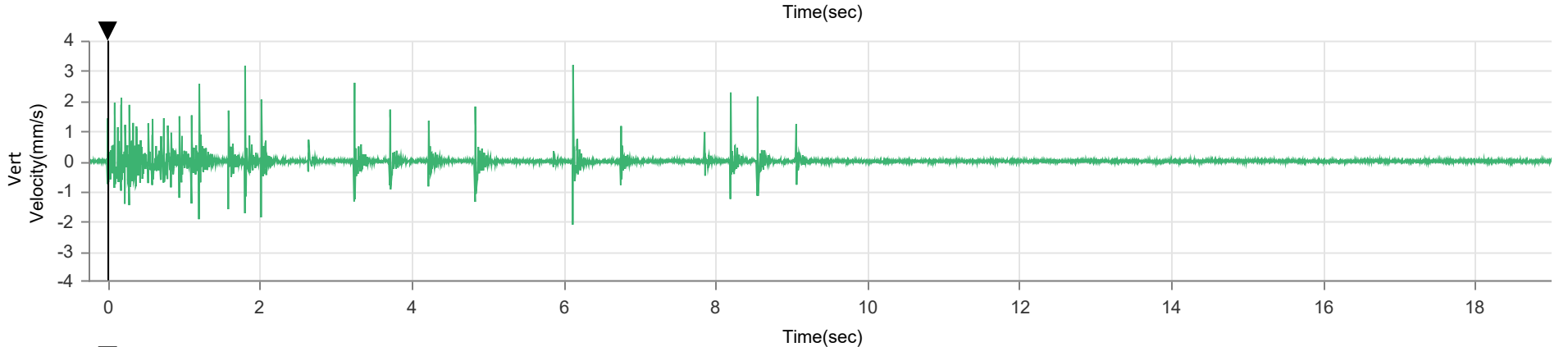


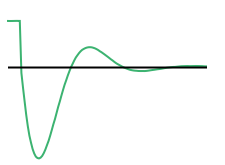
Sensor Check





✓ Passed





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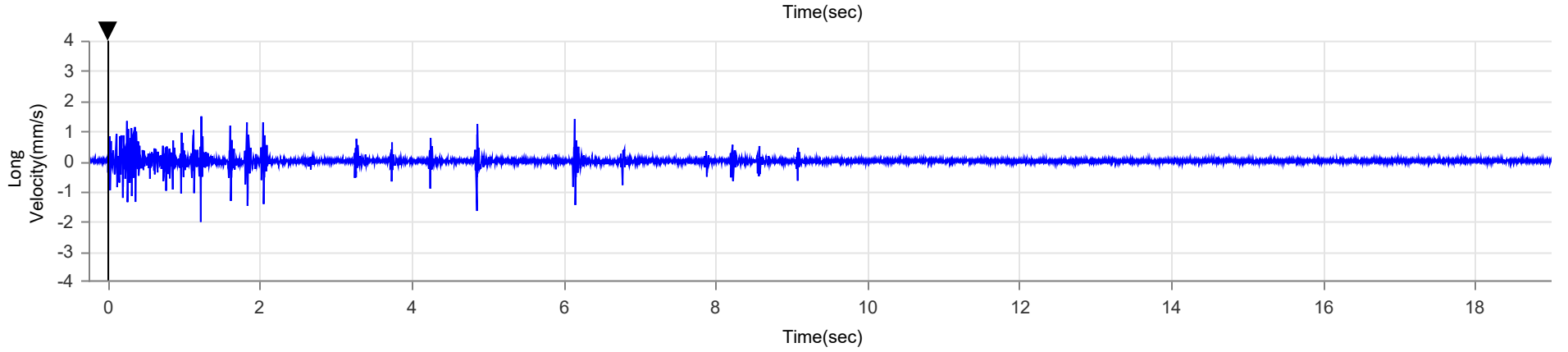

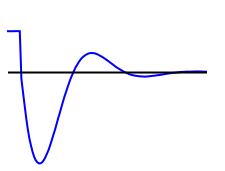

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 10:42:28	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/16.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

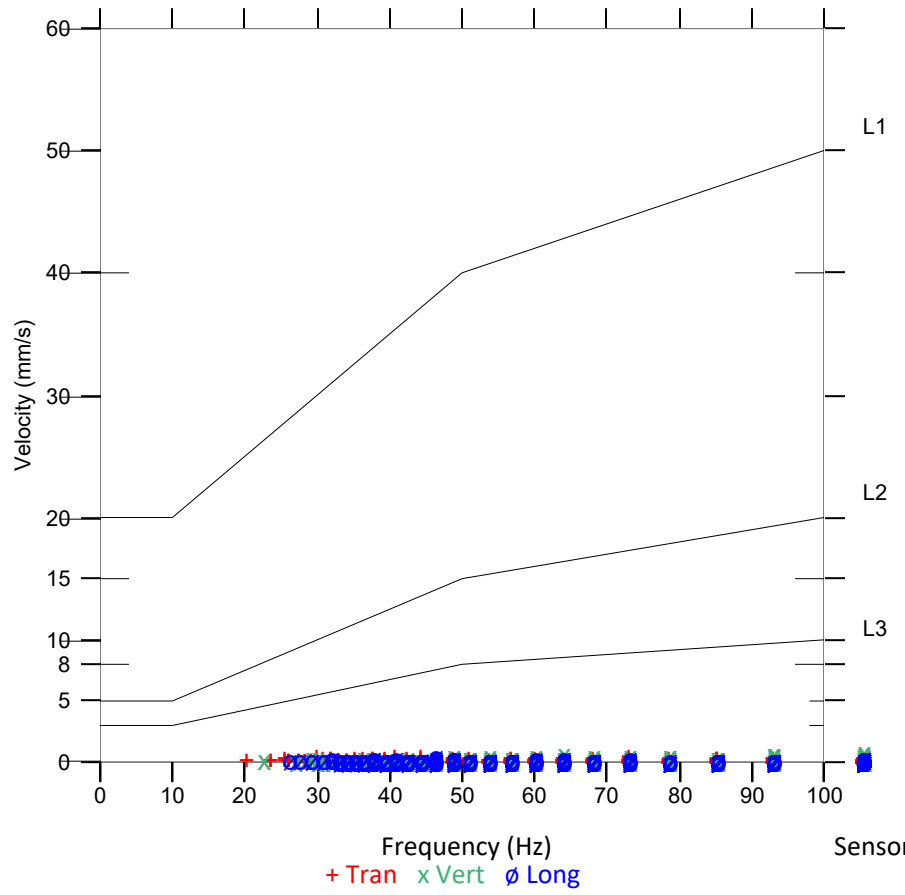
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

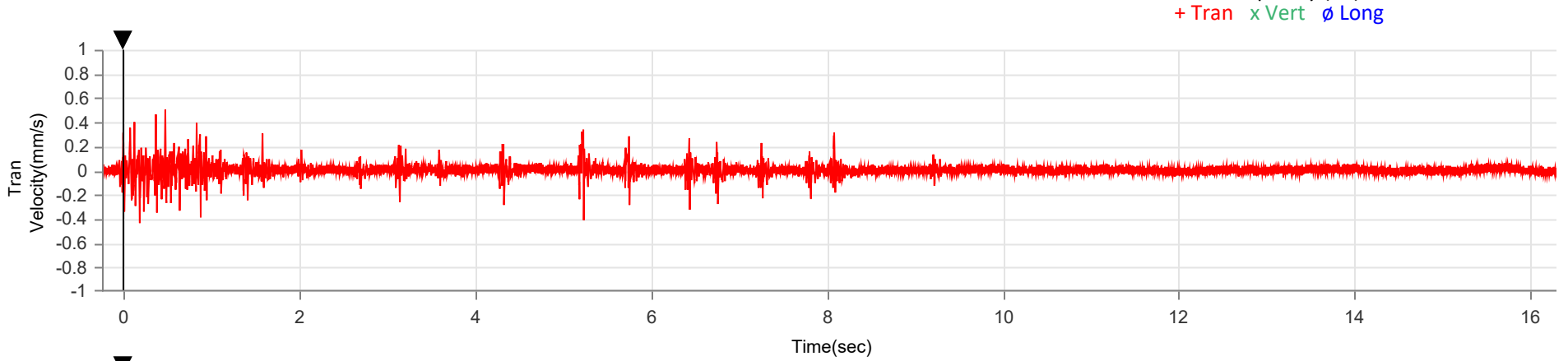
Post Event Notes No text to be displayed.

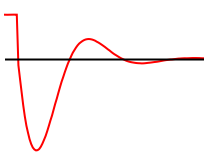
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.504 mm/s	0.812 mm/s	0.418 mm/s
Zero Crossing Frequency	44.5 Hz	>100 Hz	46.5 Hz
Time (Relative to Trigger)	0.471 sec	5.176 sec	0.211 sec
Peak Acceleration	0.023 g	0.059 g	0.026 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	0.850 mm/s at 5.176 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

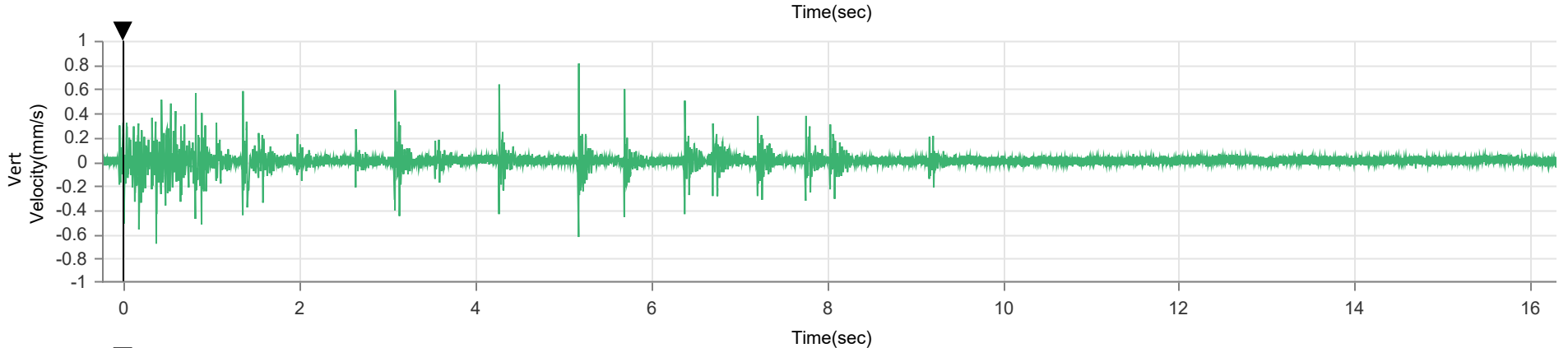


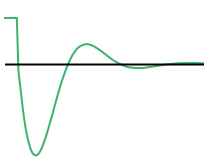
Sensor Check





✓ Passed





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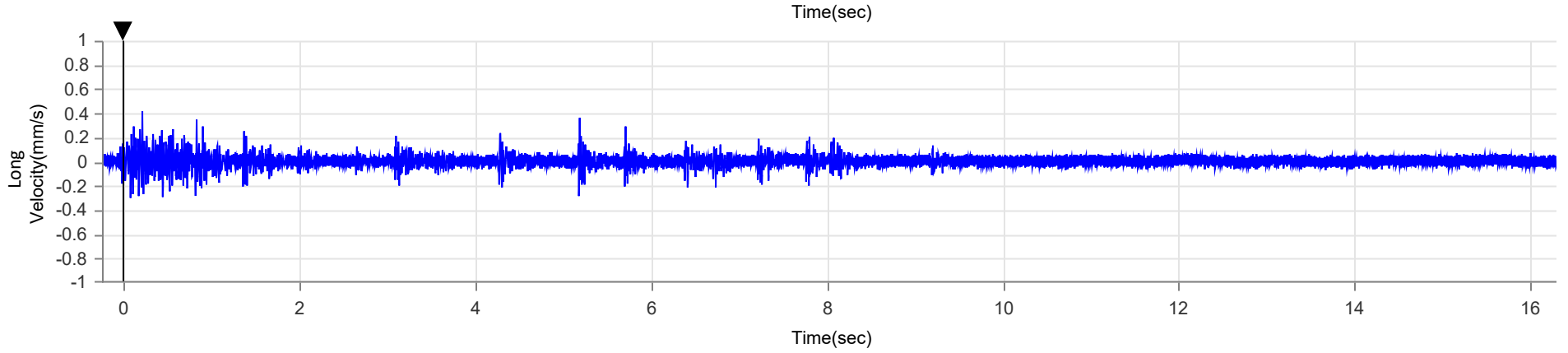

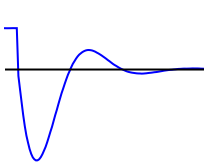

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 11:33:34	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221106113334.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

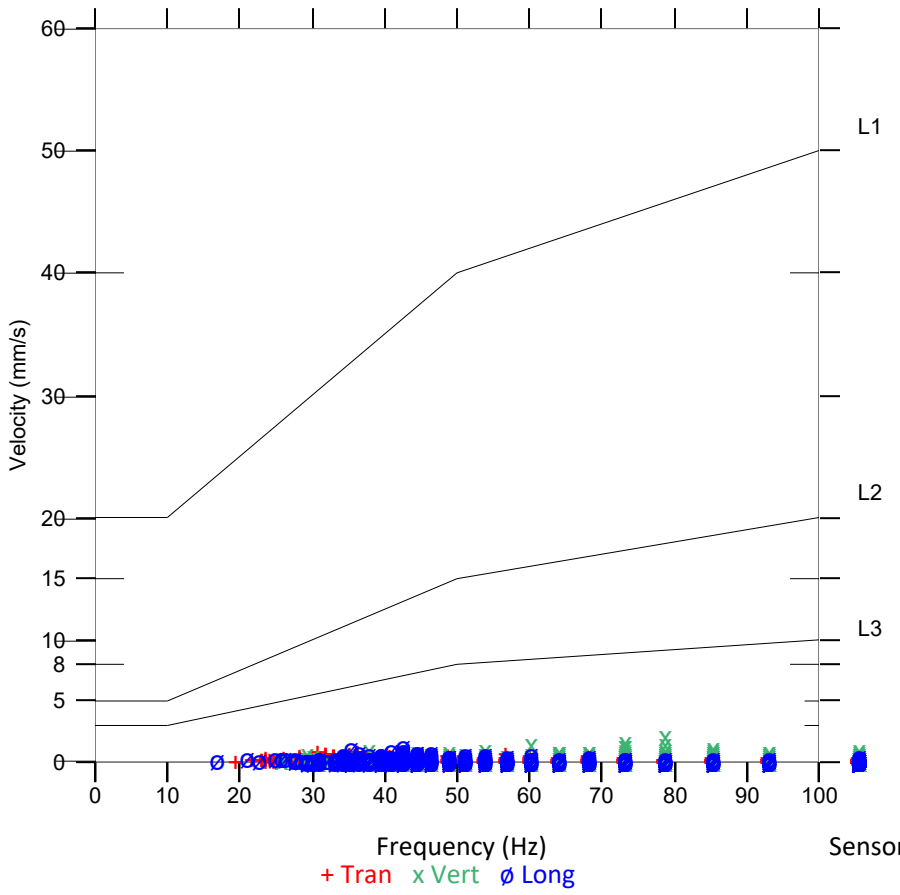
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

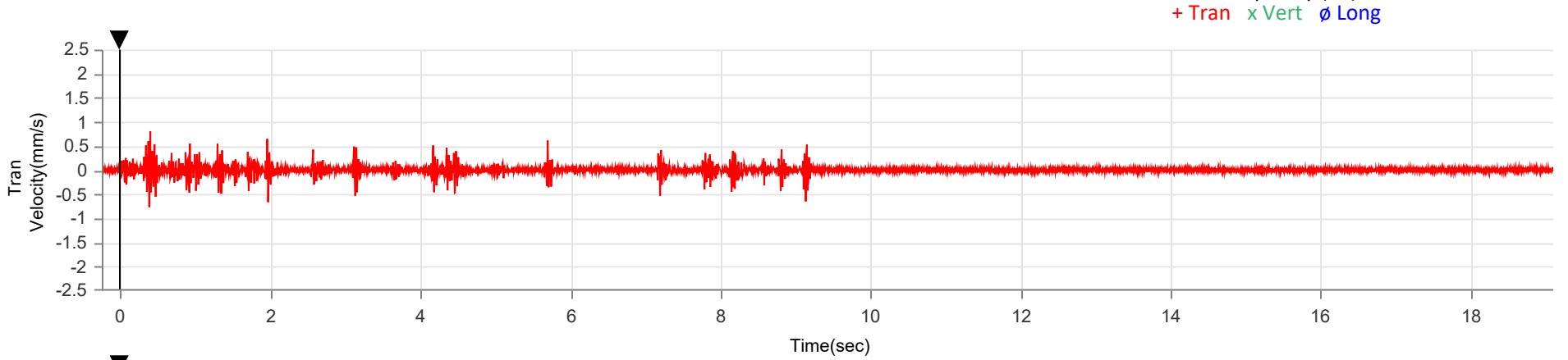
Post Event Notes No text to be displayed.

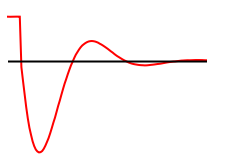
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.804 mm/s	2.168 mm/s	1.285 mm/s
Zero Crossing Frequency	36.6 Hz	78.8 Hz	44.5 Hz
Time (Relative to Trigger)	0.397 sec	0.330 sec	0.350 sec
Peak Acceleration	0.030 g	0.112 g	0.051 g
Peak Displacement	0.003 mm	0.005 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.171 mm/s at 0.330 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

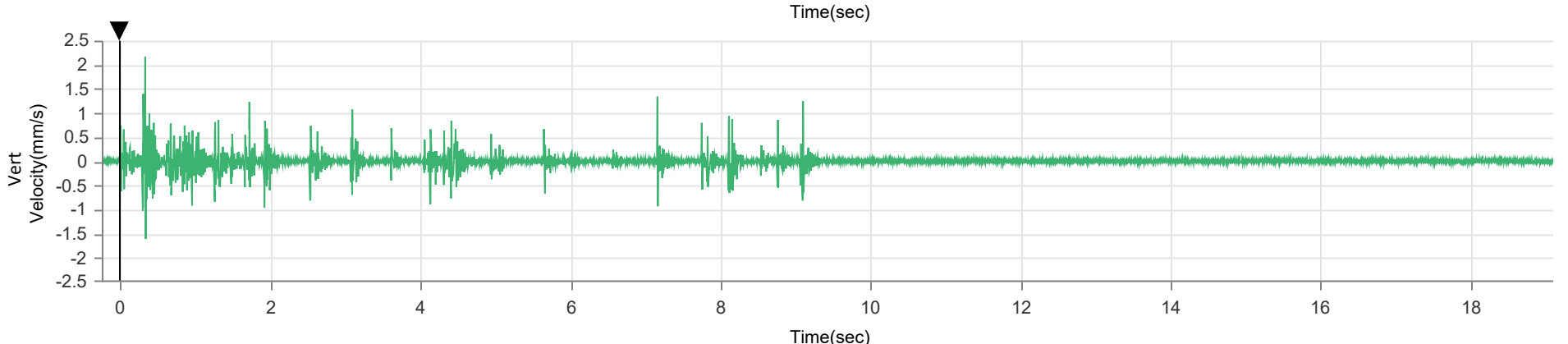


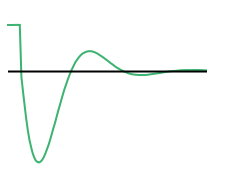
Sensor Check



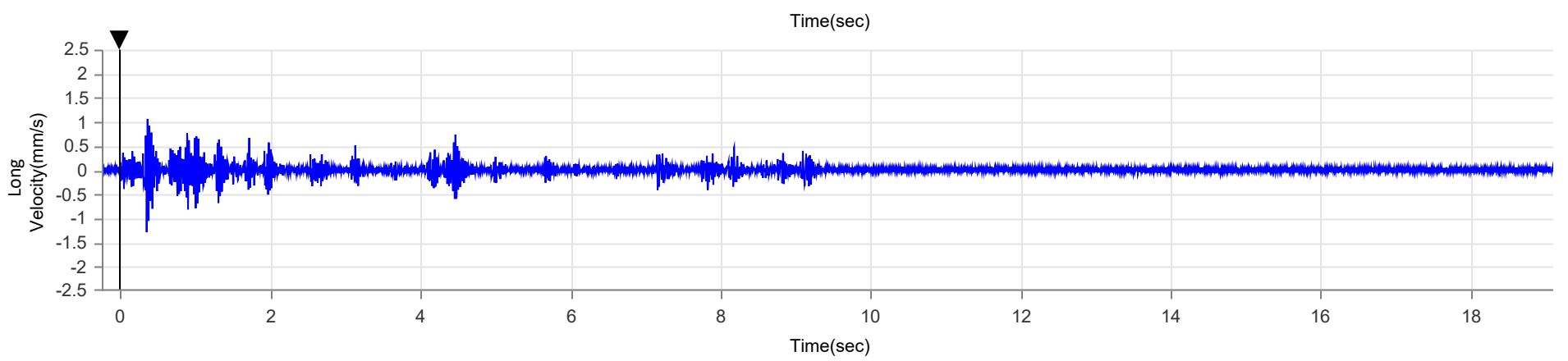


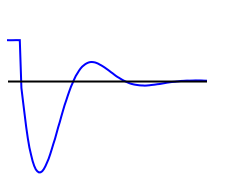
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 14:16:30	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221106141630.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

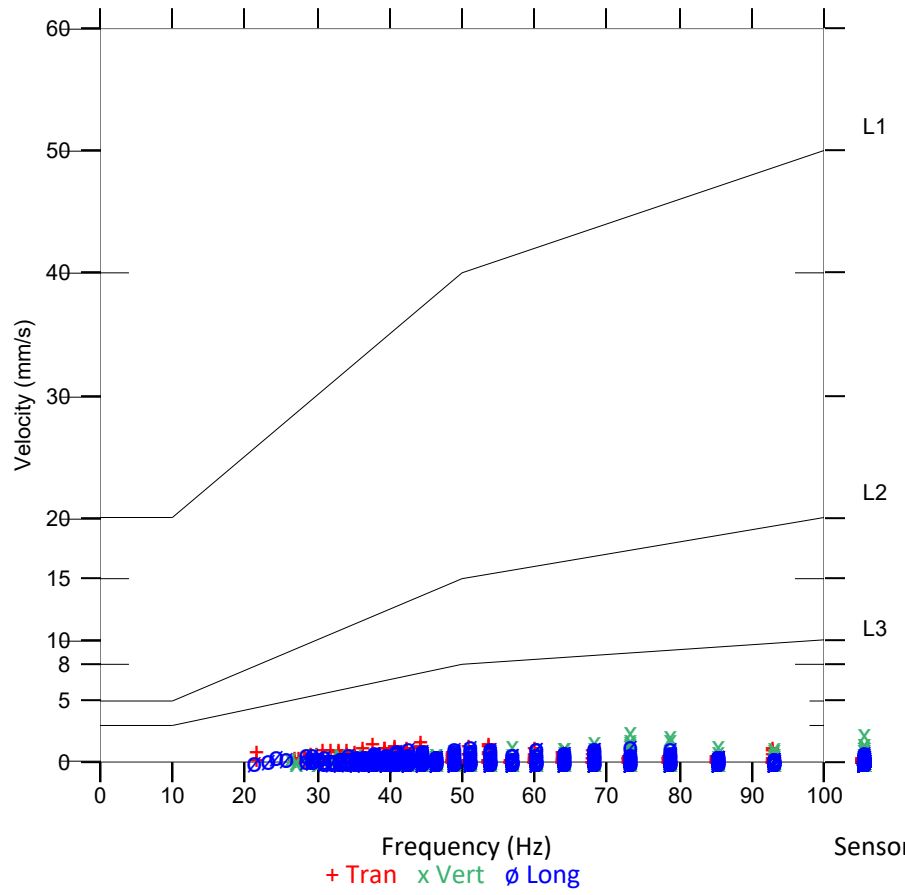
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

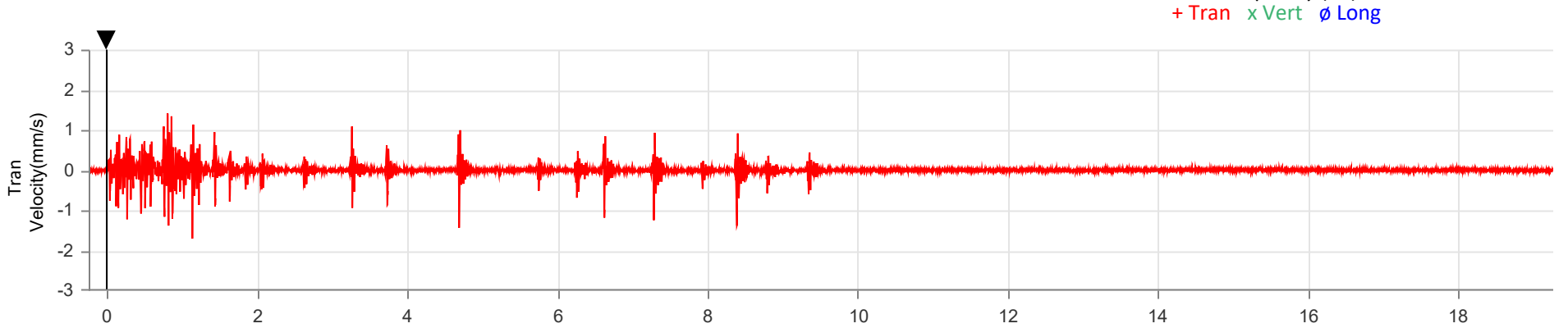
Post Event Notes No text to be displayed.

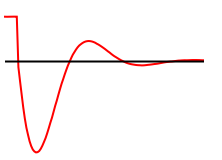
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.702 mm/s	2.372 mm/s	1.293 mm/s
Zero Crossing Frequency	44.5 Hz	73.1 Hz	73.1 Hz
Time (Relative to Trigger)	1.133 sec	1.101 sec	3.254 sec
Peak Acceleration	0.066 g	0.209 g	0.092 g
Peak Displacement	0.006 mm	0.005 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	2.384 mm/s at 1.102 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

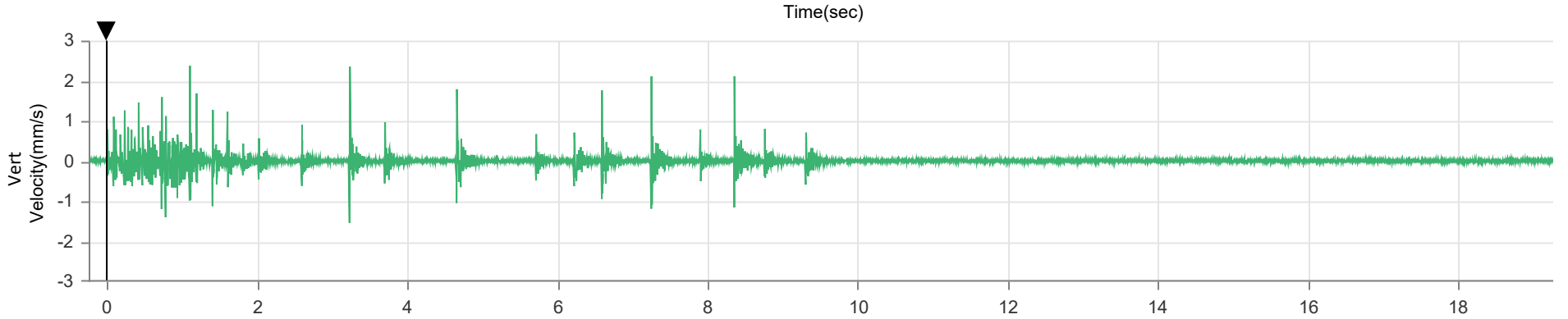


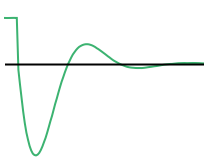
Sensor Check





✓ Passed





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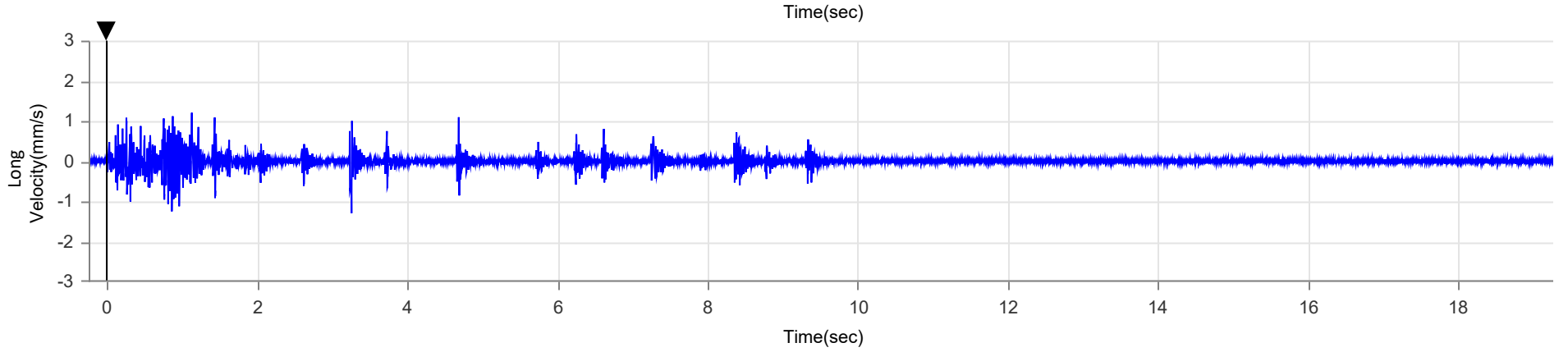

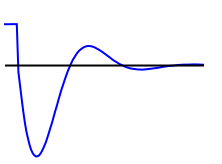

✓ Passed

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Waveform Trigger Source	Tran at November 6, 2022 19:16:24	**Serial Number**	UM18299
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18299_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

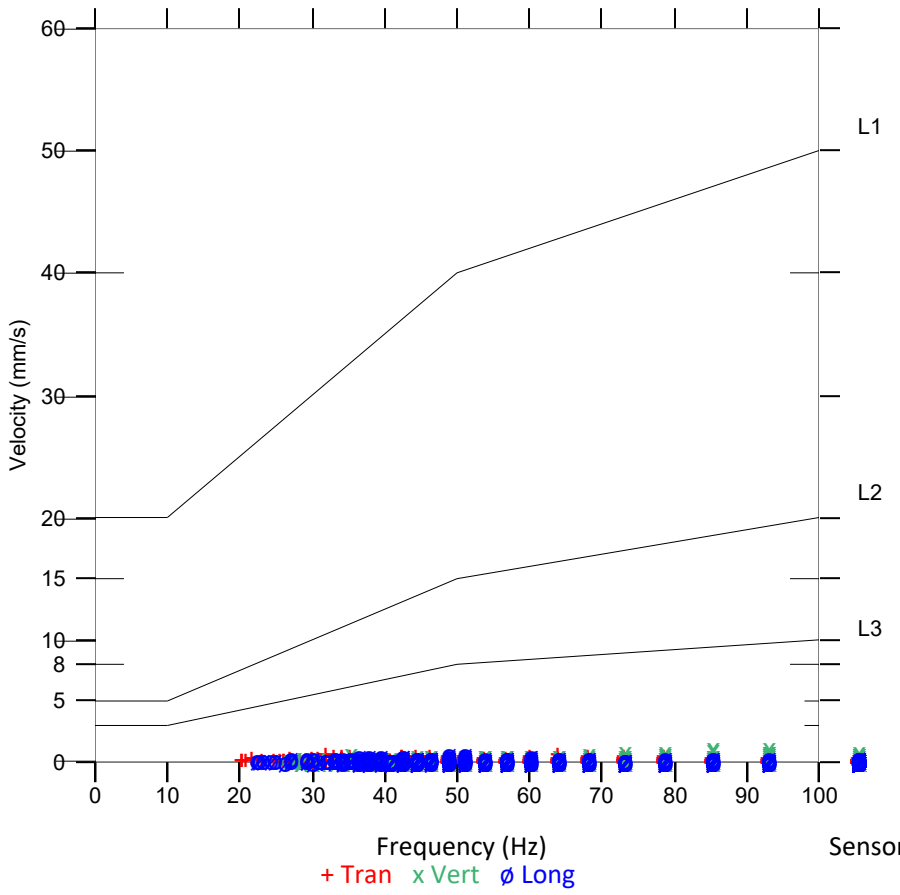
Notes

Location	MM-20, Plavje 42
Client	
Company	
General Notes	

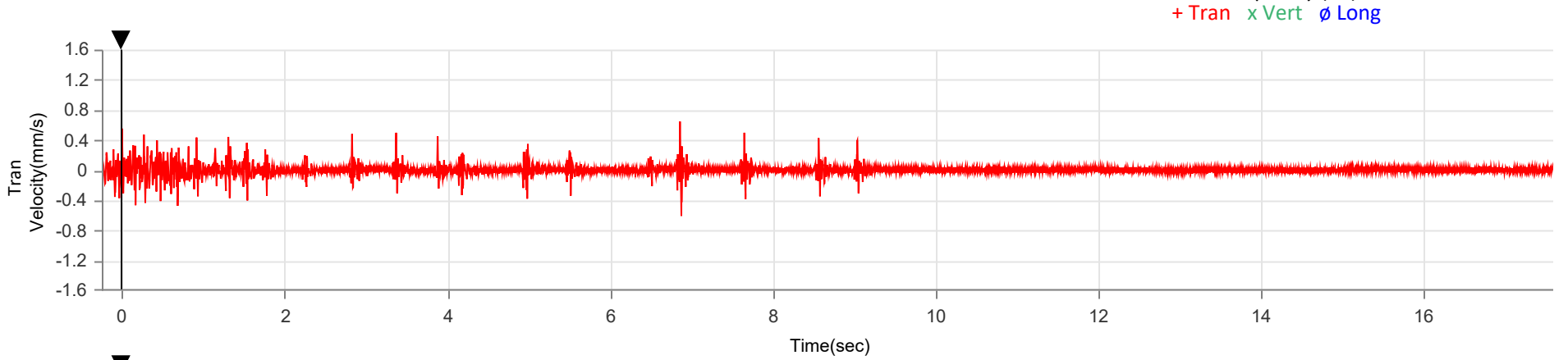
Post Event Notes No text to be displayed.

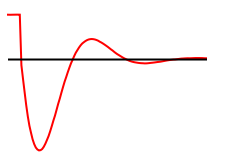
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.646 mm/s	1.096 mm/s	0.654 mm/s
Zero Crossing Frequency	31.0 Hz	93.1 Hz	51.2 Hz
Time (Relative to Trigger)	6.858 sec	4.927 sec	6.853 sec
Peak Acceleration	0.030 g	0.079 g	0.028 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.4	4.6
Peak Vector Sum	1.119 mm/s at 4.927 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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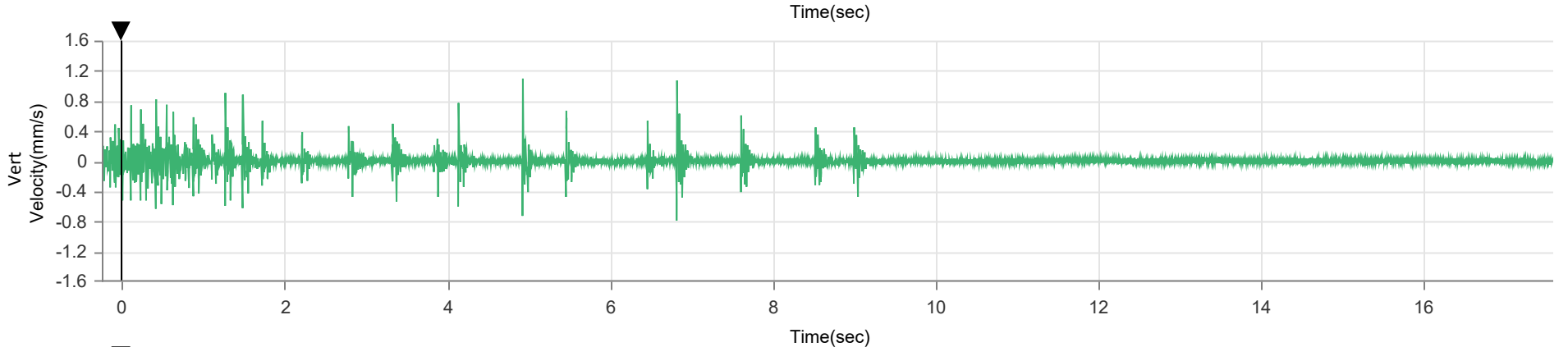

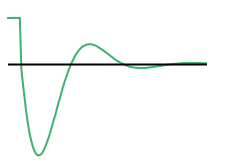

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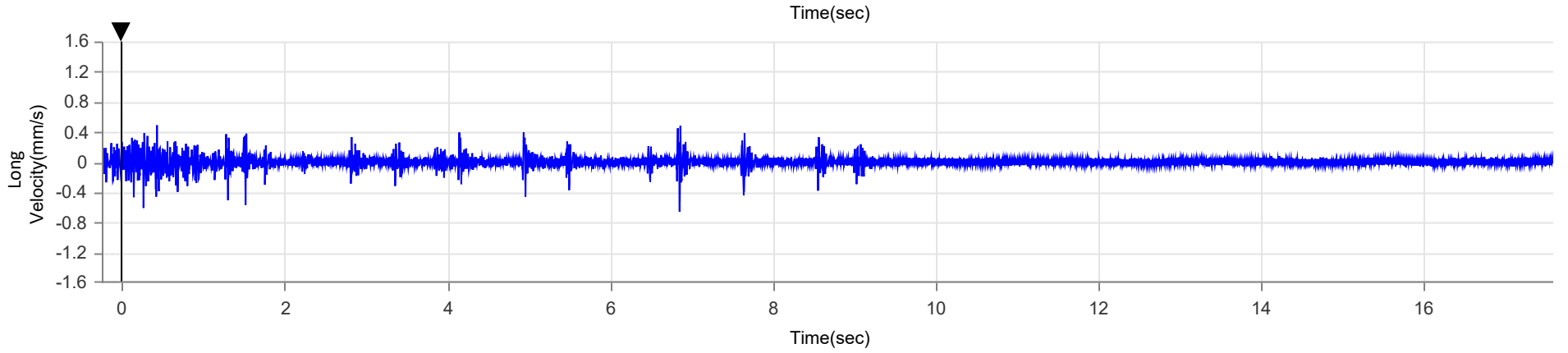

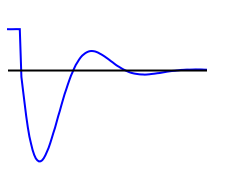

✓ Passed

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PRILOGA 1.8:
Rezultati meritev

- MM-21 (Plavje 44a) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:30	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221101125730.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

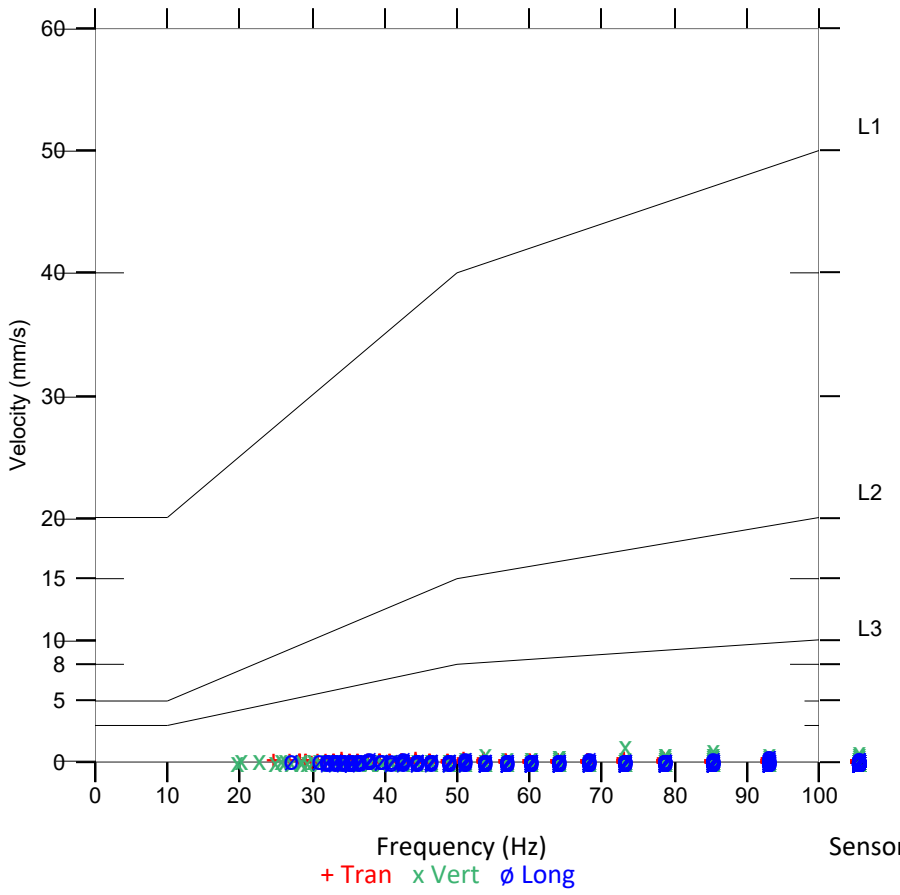
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

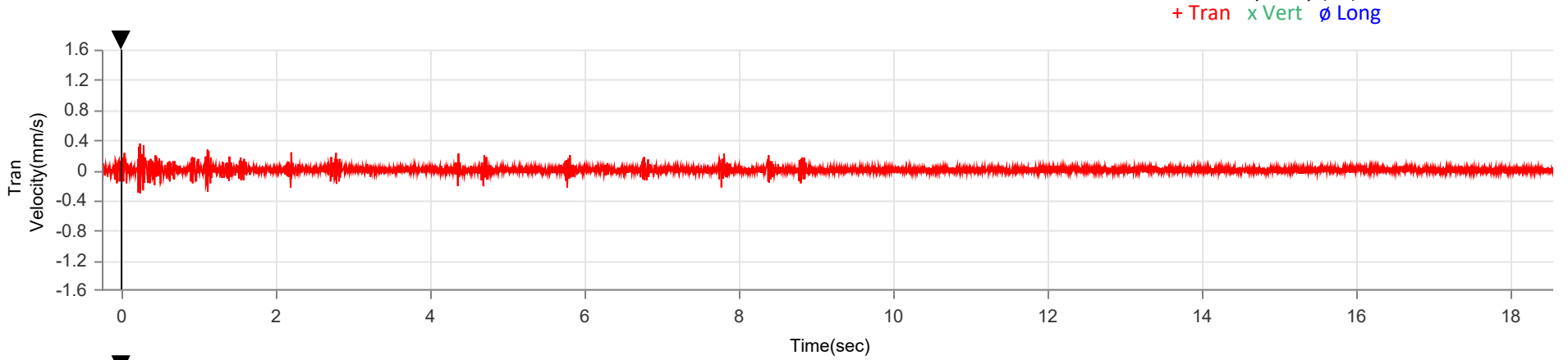
Post Event Notes No text to be displayed.

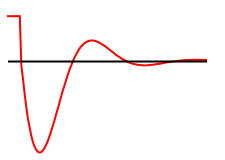
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.355 mm/s	1.261 mm/s	0.481 mm/s
Zero Crossing Frequency	93.1 Hz	73.1 Hz	93.1 Hz
Time (Relative to Trigger)	0.246 sec	0.226 sec	0.227 sec
Peak Acceleration	0.025 g	0.071 g	0.033 g
Peak Displacement	0.001 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.350 mm/s at 0.226 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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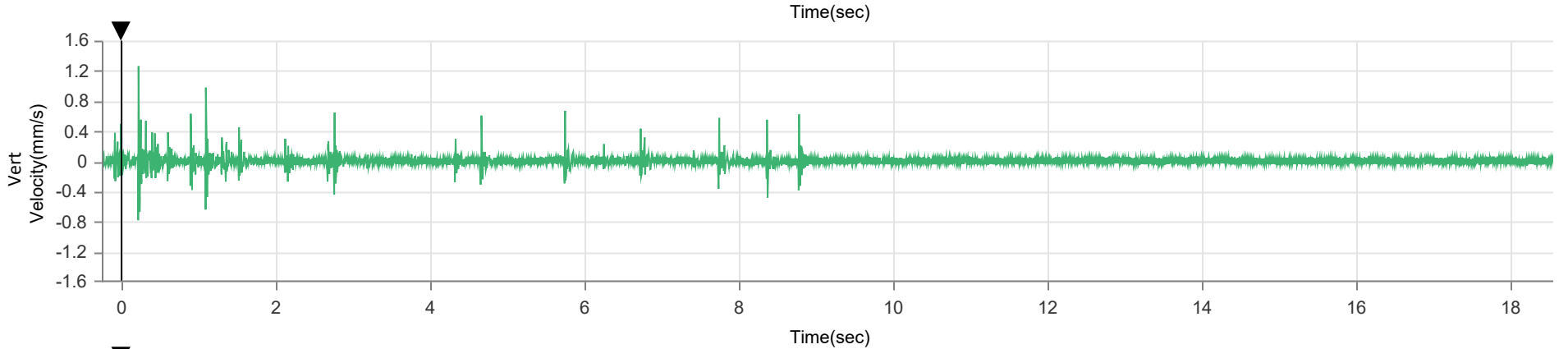

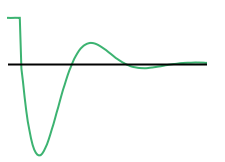

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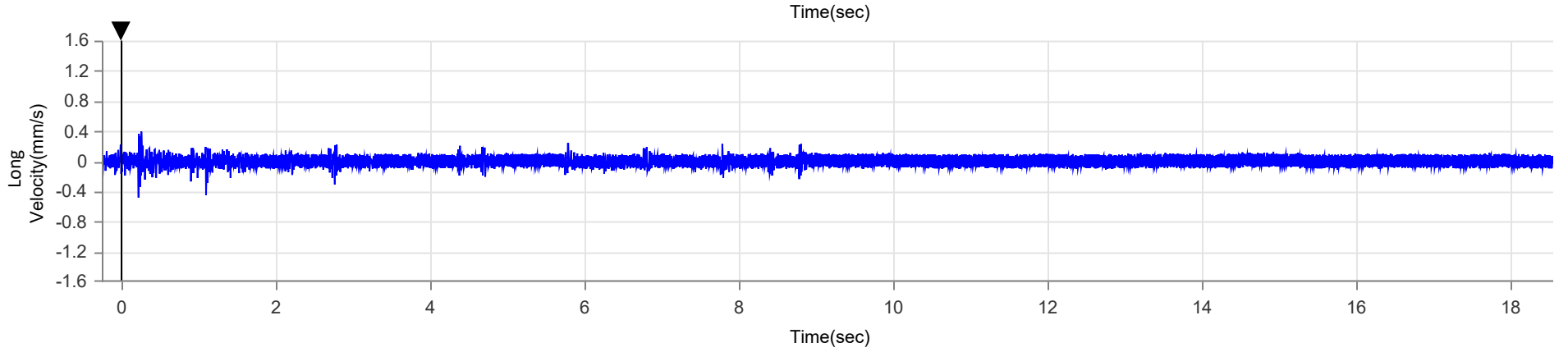

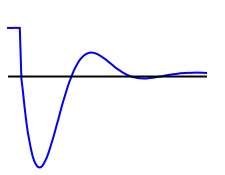

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 13:00:10	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

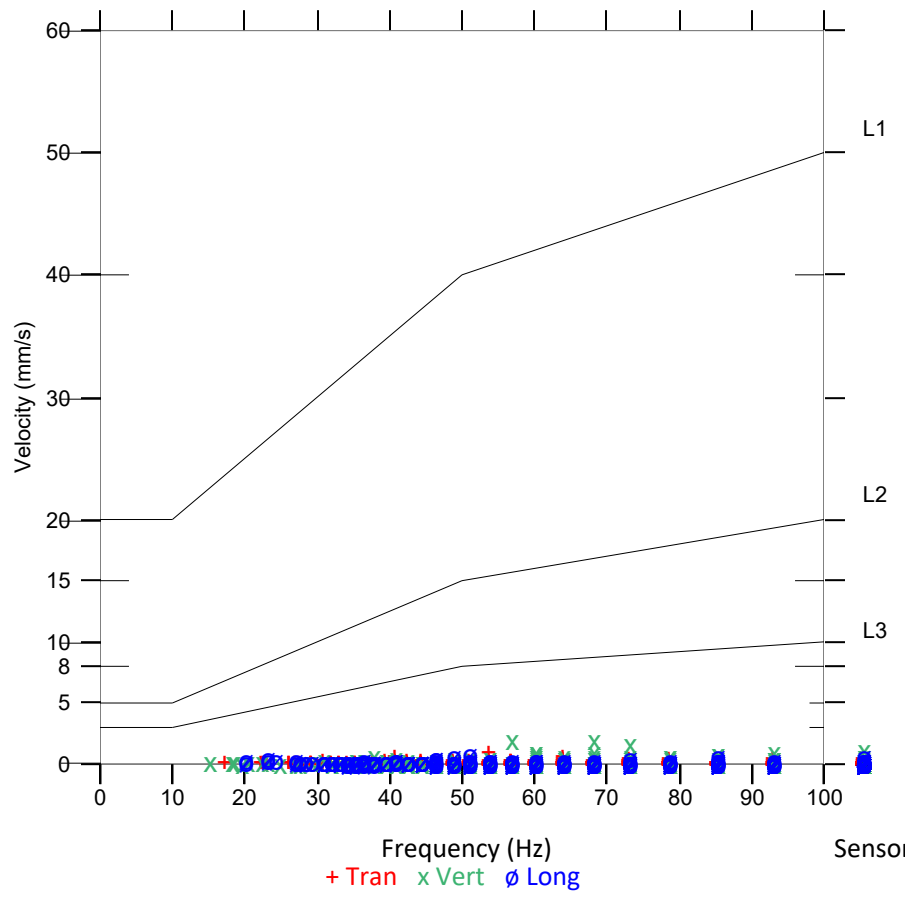
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

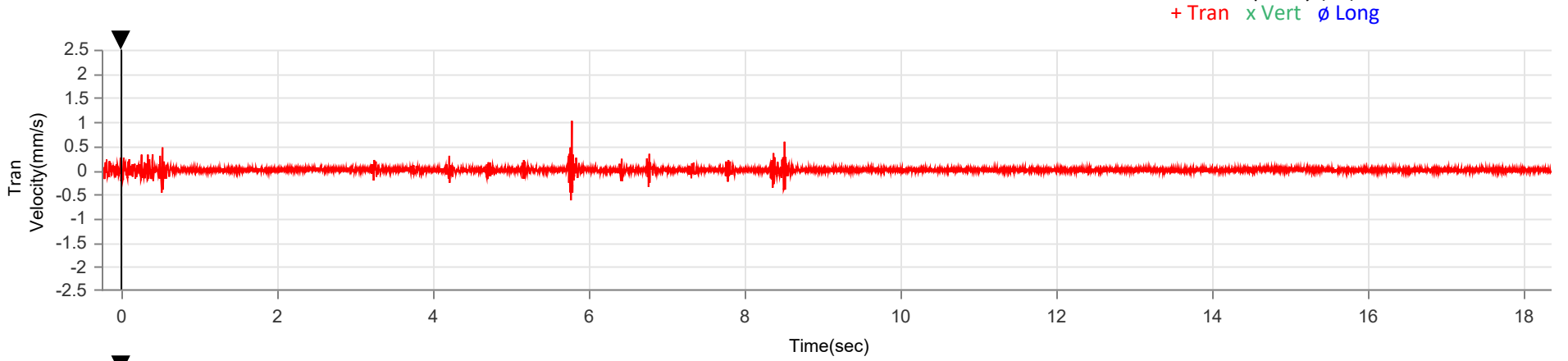
Post Event Notes No text to be displayed.

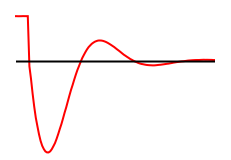
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.025 mm/s	2.026 mm/s	0.780 mm/s
Zero Crossing Frequency	53.9 Hz	68.3 Hz	51.2 Hz
Time (Relative to Trigger)	5.788 sec	5.744 sec	5.798 sec
Peak Acceleration	0.049 g	0.151 g	0.046 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	2.055 mm/s at 5.744 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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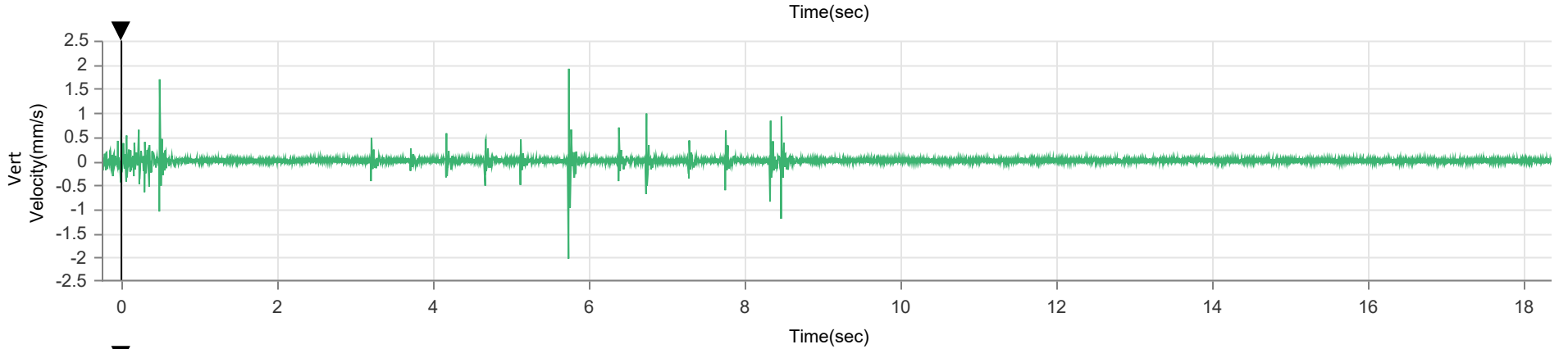

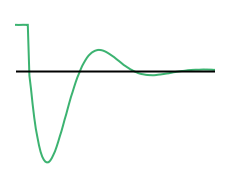

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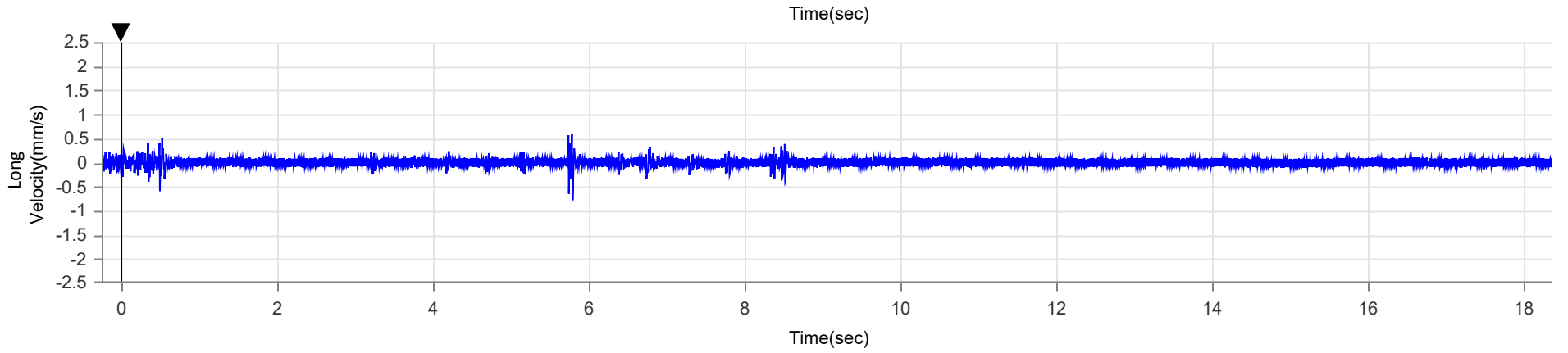

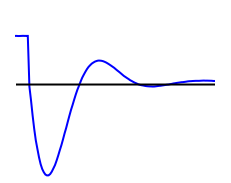

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:15	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/10.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221101151915.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

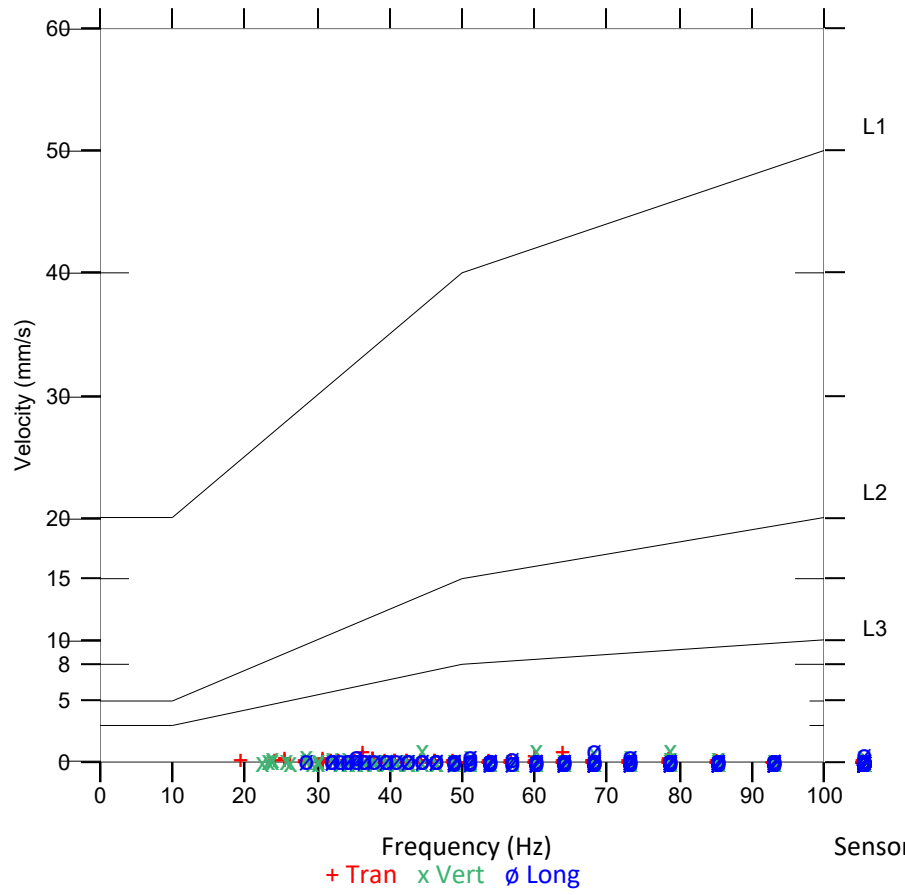
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

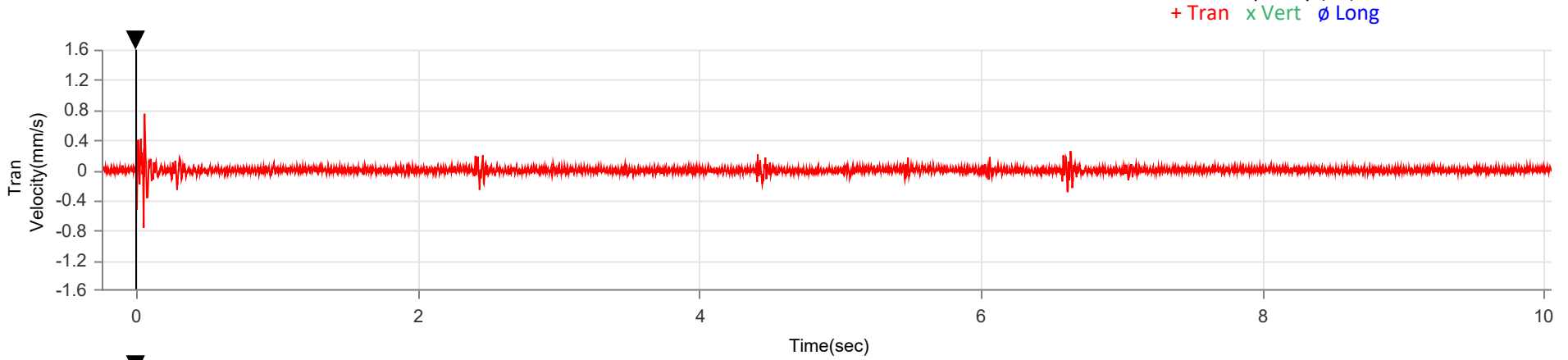
Post Event Notes No text to be displayed.

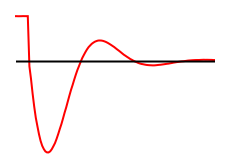
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.765 mm/s	1.056 mm/s	0.954 mm/s
Zero Crossing Frequency	64.0 Hz	42.7 Hz	68.3 Hz
Time (Relative to Trigger)	0.049 sec	0.046 sec	0.040 sec
Peak Acceleration	0.041 g	0.064 g	0.048 g
Peak Displacement	0.003 mm	0.004 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.273 mm/s at 0.046 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

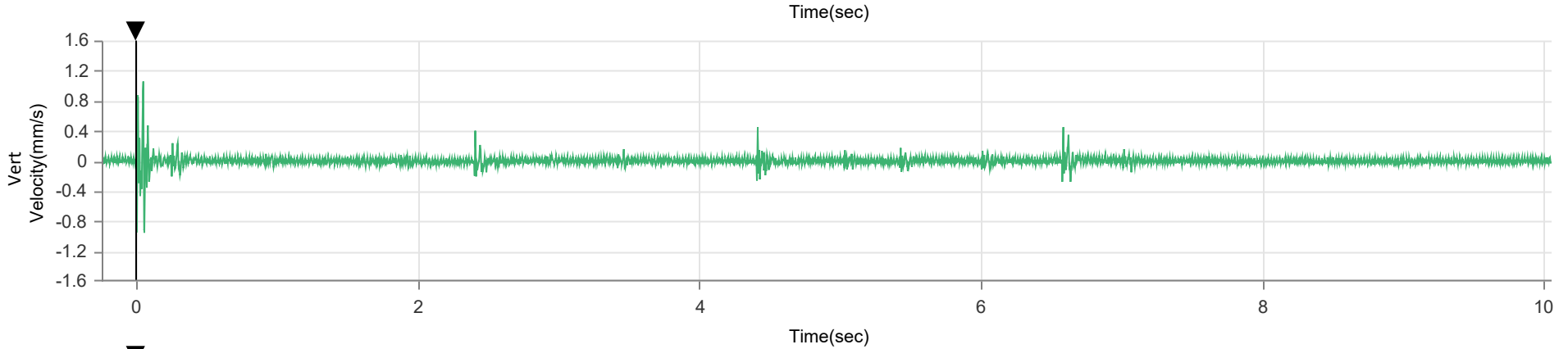


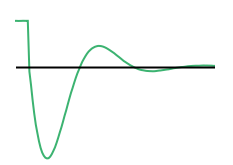
Sensor Check



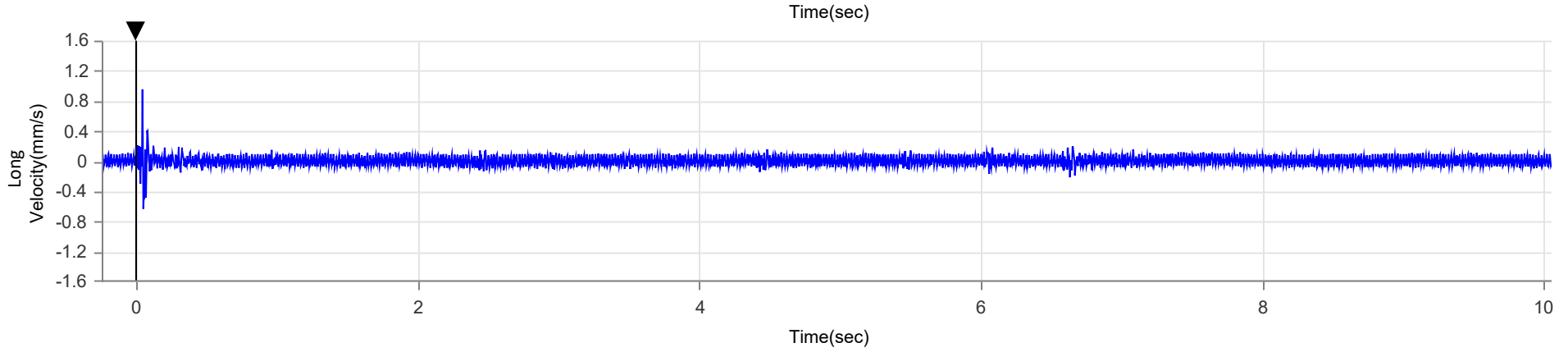


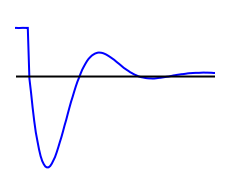
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 10:17:42	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221102101742.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

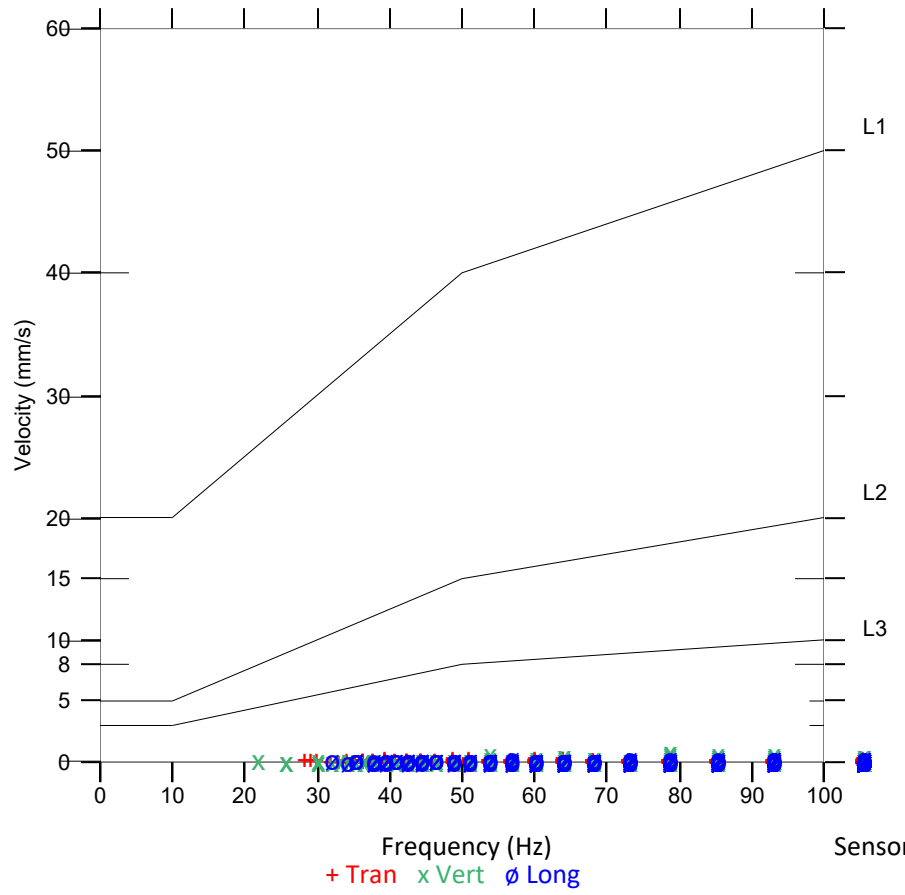
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

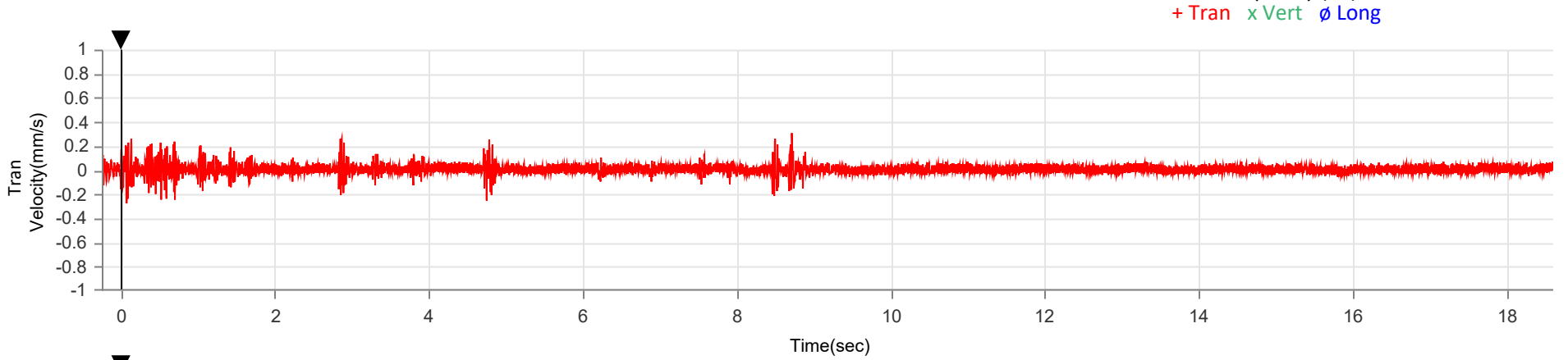
Post Event Notes No text to be displayed.

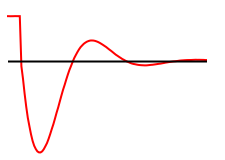
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.307 mm/s	0.851 mm/s	0.355 mm/s
Zero Crossing Frequency	64.0 Hz	78.8 Hz	>100 Hz
Time (Relative to Trigger)	8.717 sec	2.832 sec	8.684 sec
Peak Acceleration	0.021 g	0.064 g	0.025 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.907 mm/s at 8.464 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

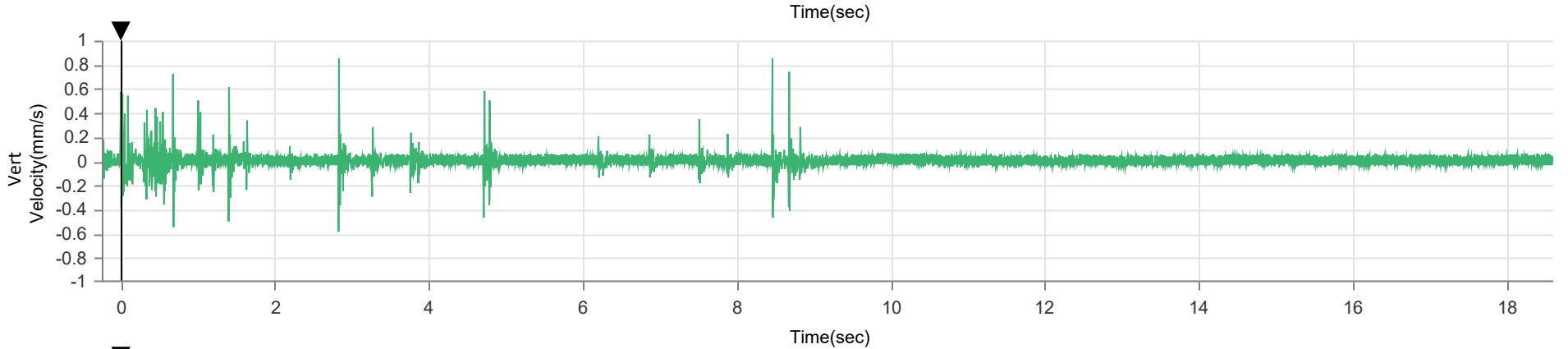


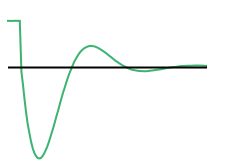
Sensor Check





✓ Passed





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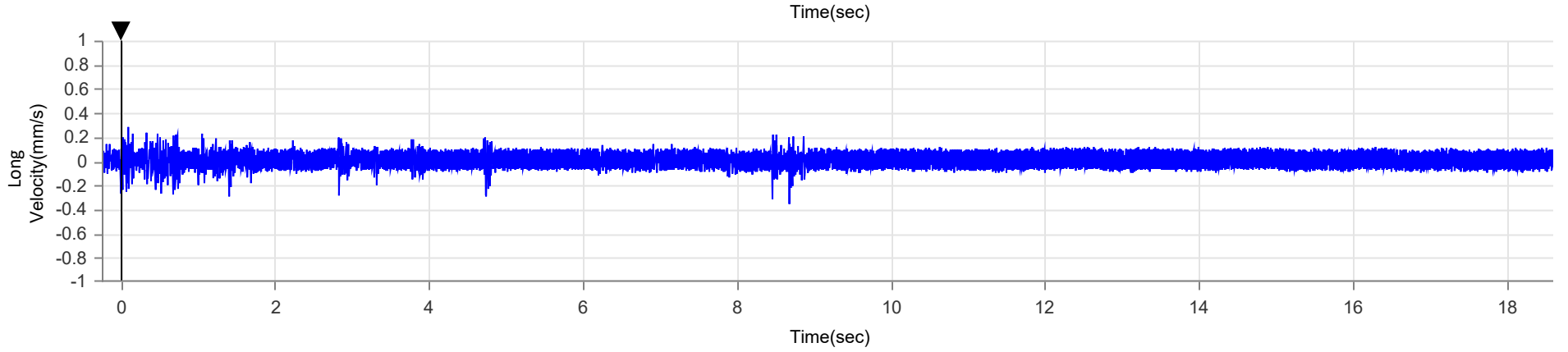
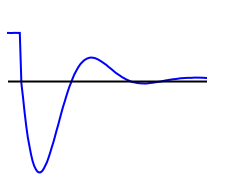




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 11:24:57	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221102112457.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

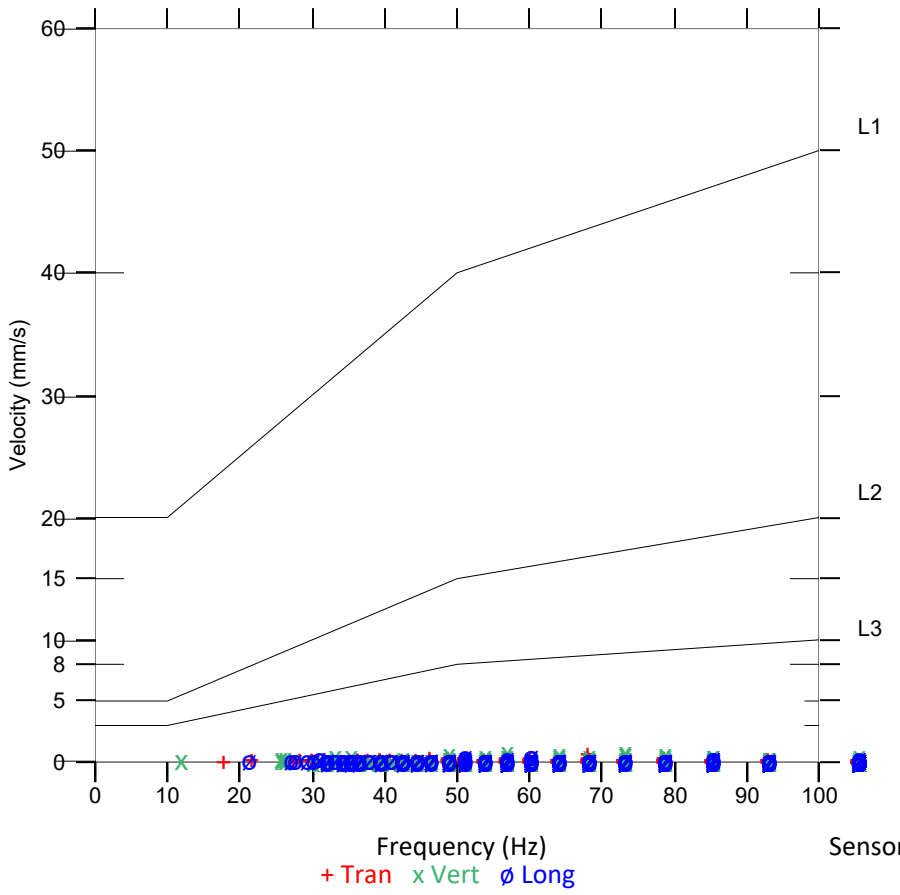
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

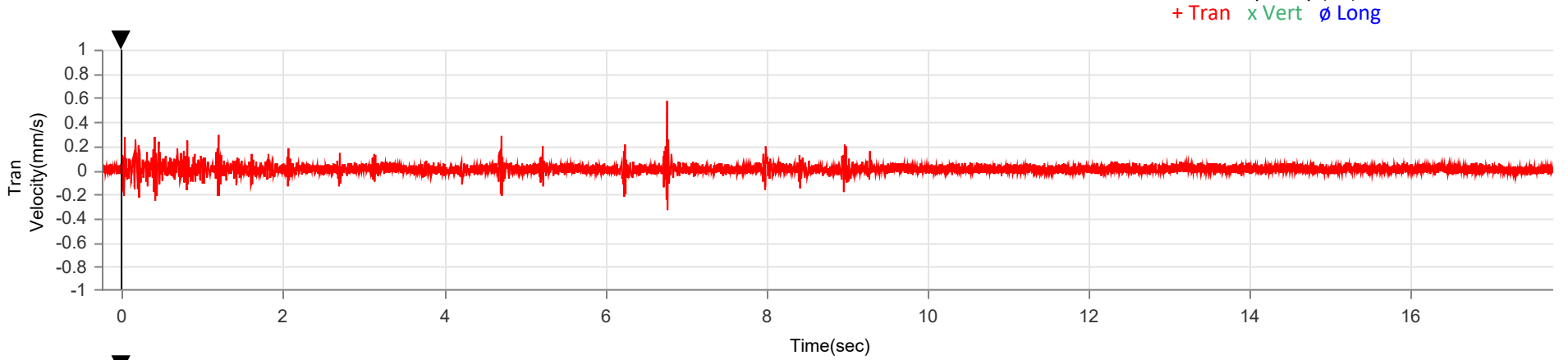
Post Event Notes No text to be displayed.

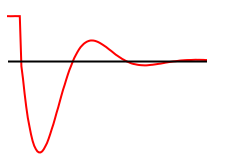
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.575 mm/s	0.788 mm/s	0.504 mm/s
Zero Crossing Frequency	68.3 Hz	73.1 Hz	56.9 Hz
Time (Relative to Trigger)	6.767 sec	1.165 sec	6.768 sec
Peak Acceleration	0.028 g	0.043 g	0.025 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.818 mm/s at 1.166 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

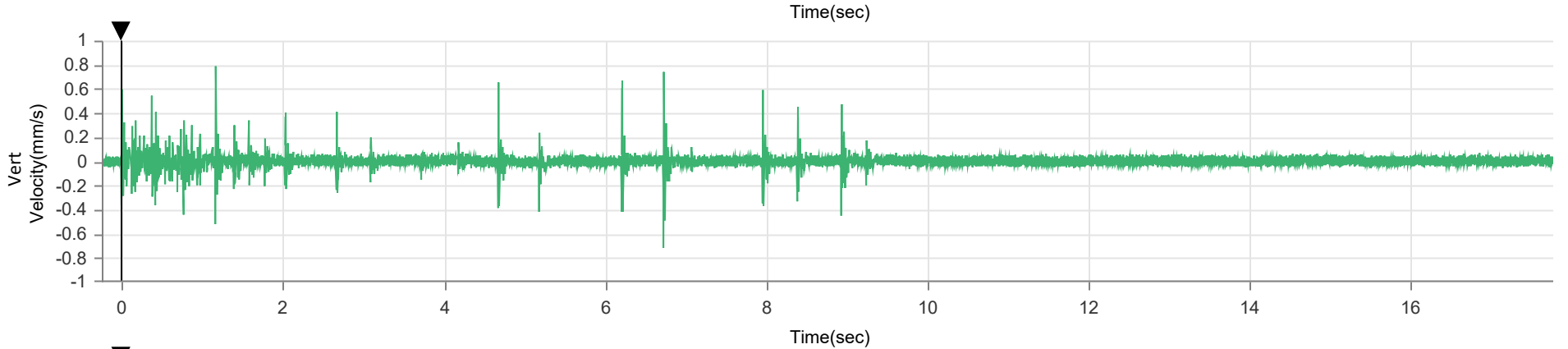


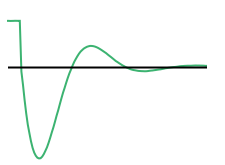
Sensor Check





✓ Passed





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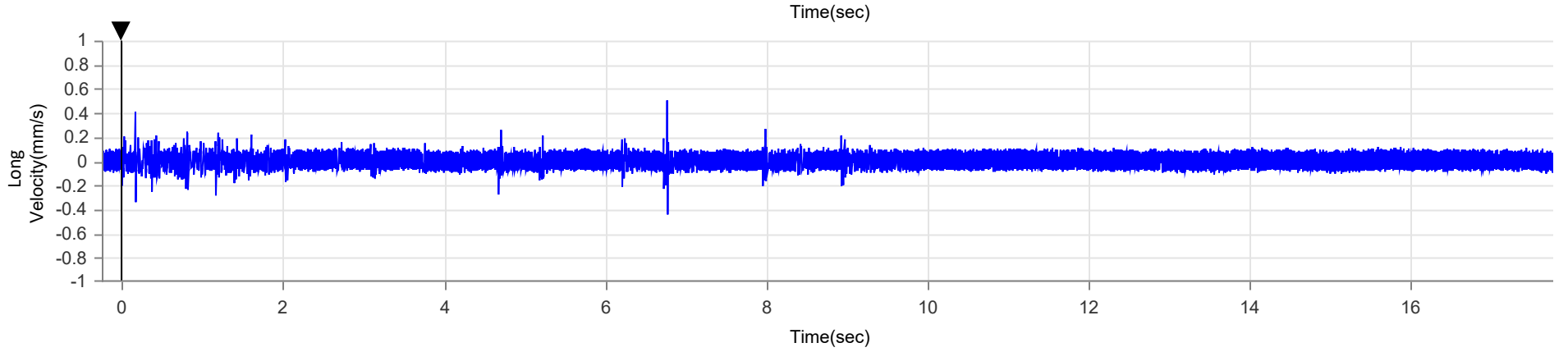
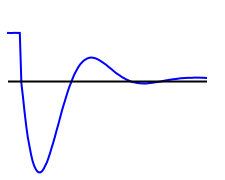




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

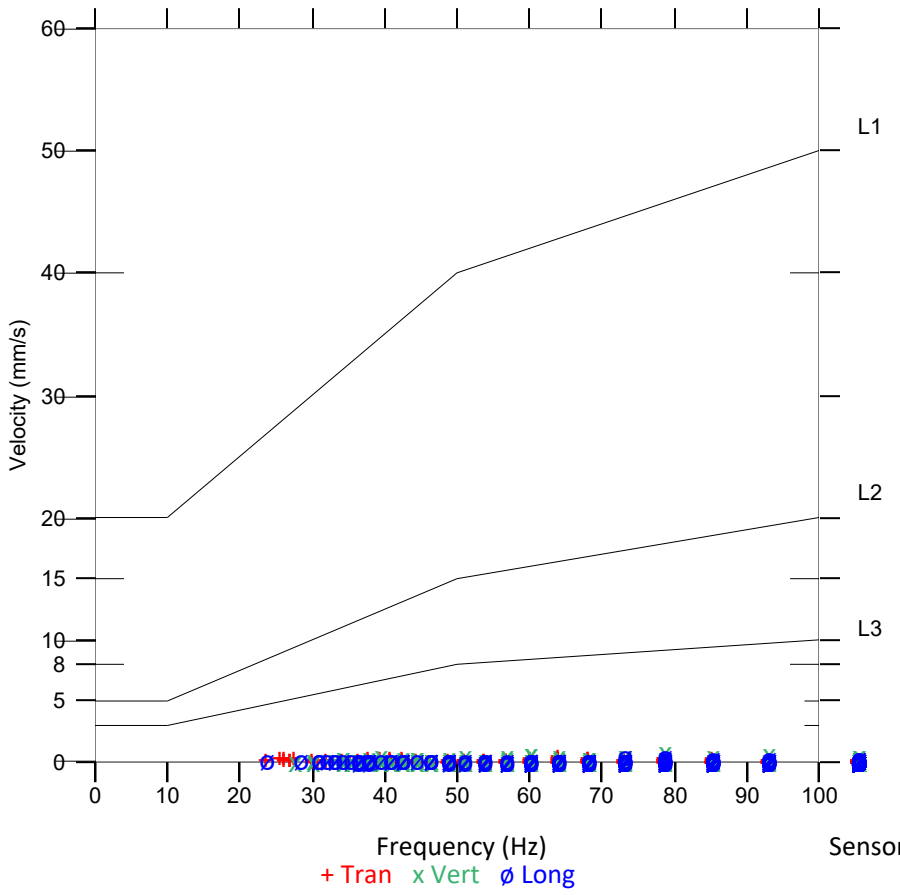
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

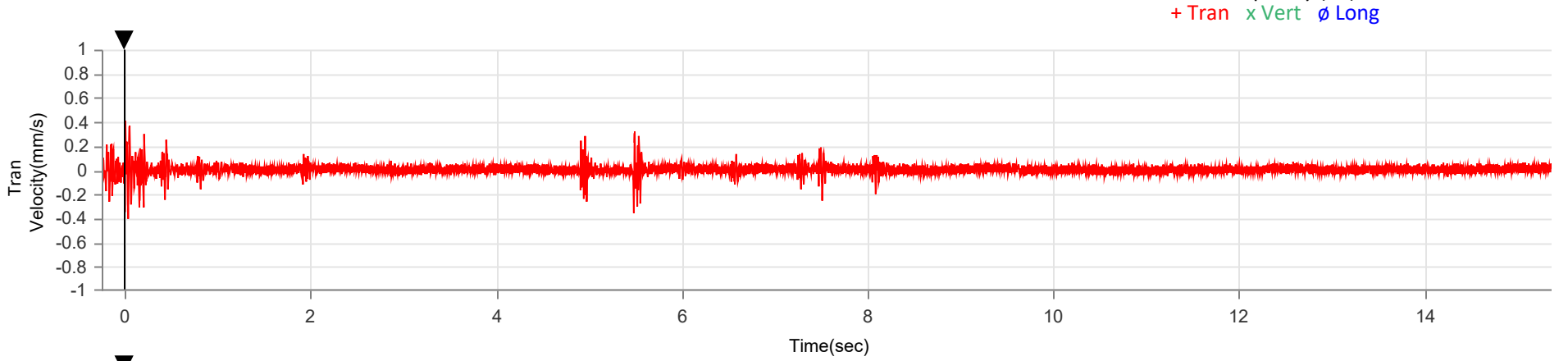
Post Event Notes No text to be displayed.

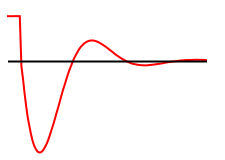
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.410 mm/s	0.772 mm/s	0.536 mm/s
Zero Crossing Frequency	64.0 Hz	78.8 Hz	73.1 Hz
Time (Relative to Trigger)	0.006 sec	0.005 sec	5.522 sec
Peak Acceleration	0.026 g	0.053 g	0.030 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.865 mm/s at 0.005 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

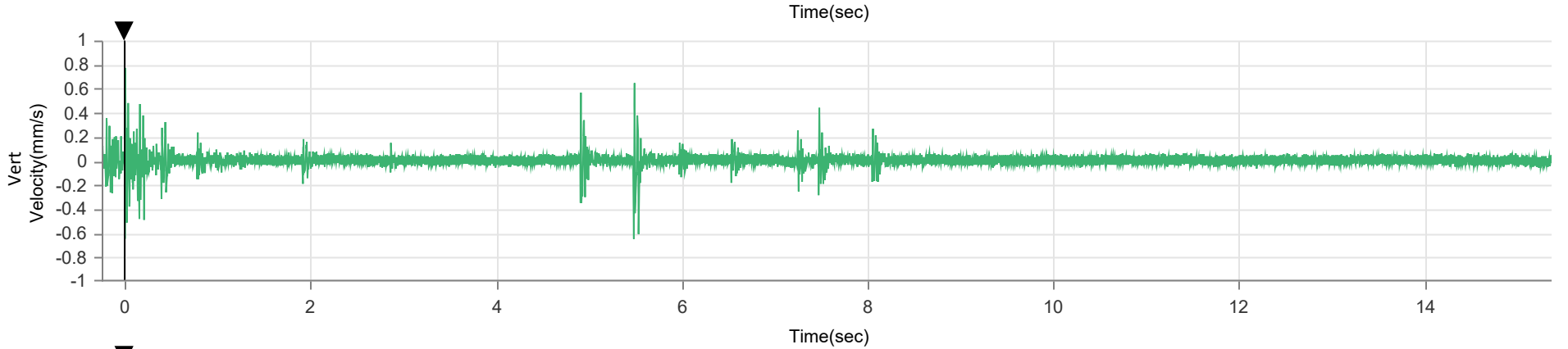


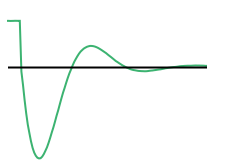
Sensor Check





✓ Passed





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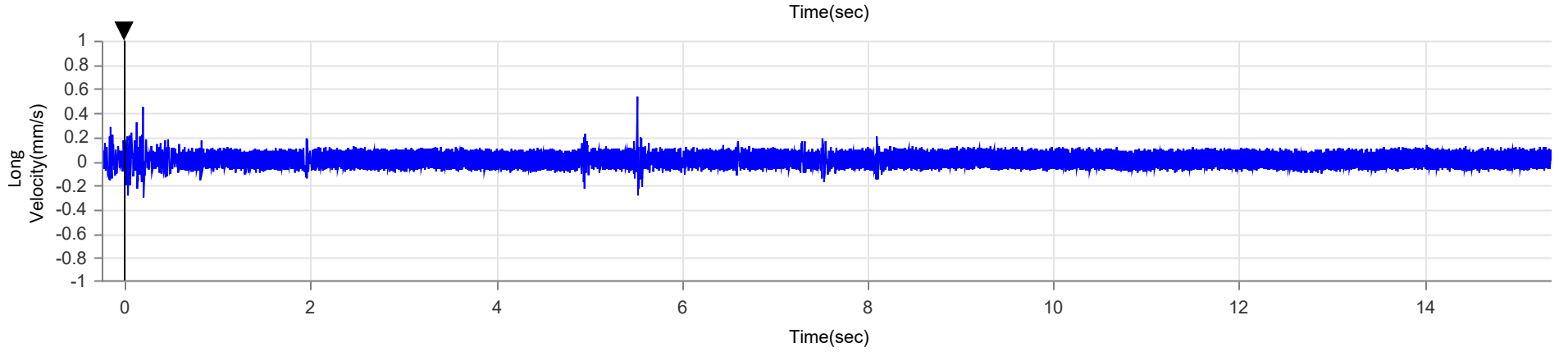
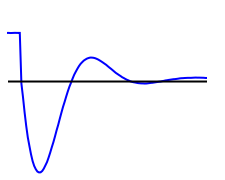




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:13	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

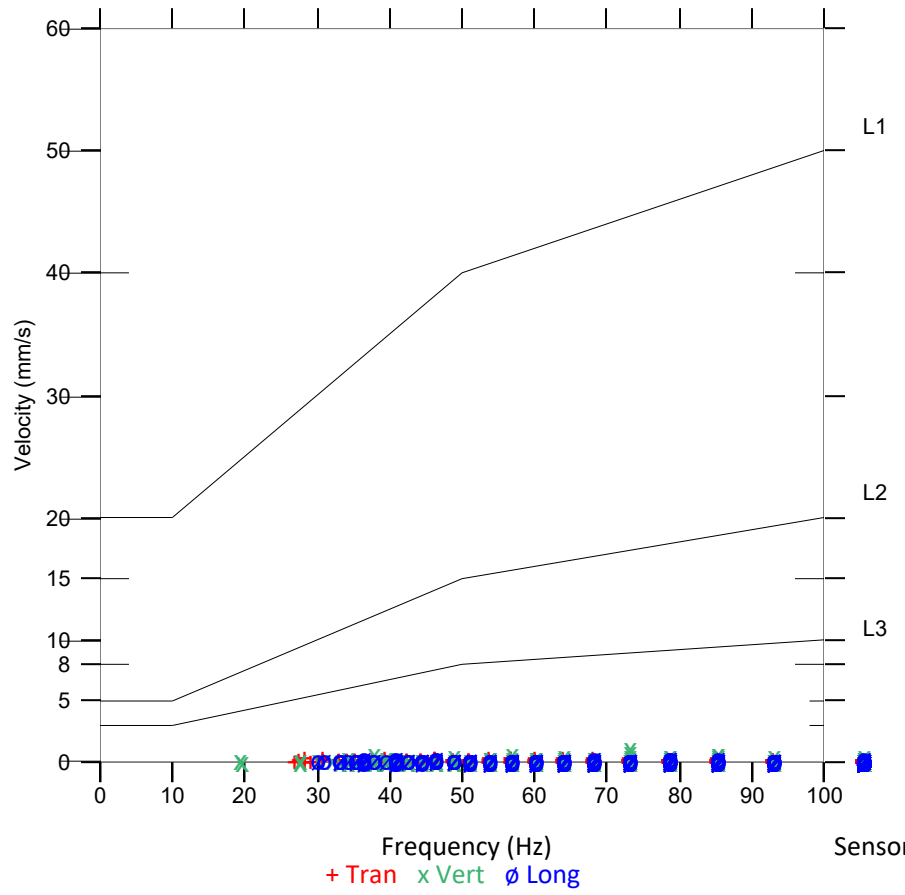
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

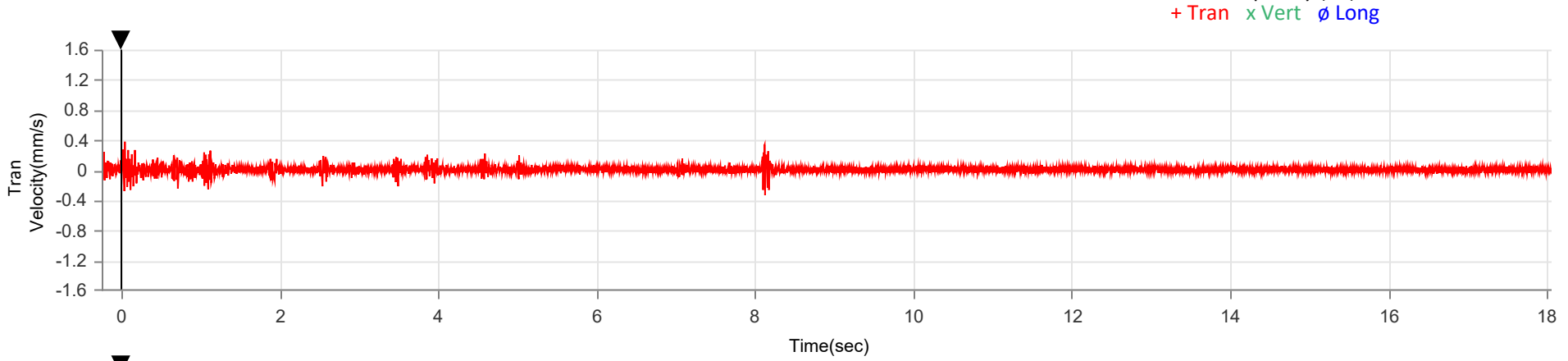
Post Event Notes No text to be displayed.

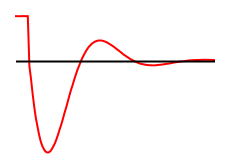
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.378 mm/s	1.135 mm/s	0.363 mm/s
Zero Crossing Frequency	46.5 Hz	73.1 Hz	93.1 Hz
Time (Relative to Trigger)	0.045 sec	8.102 sec	8.104 sec
Peak Acceleration	0.021 g	0.071 g	0.026 g
Peak Displacement	0.001 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.169 mm/s at 8.103 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

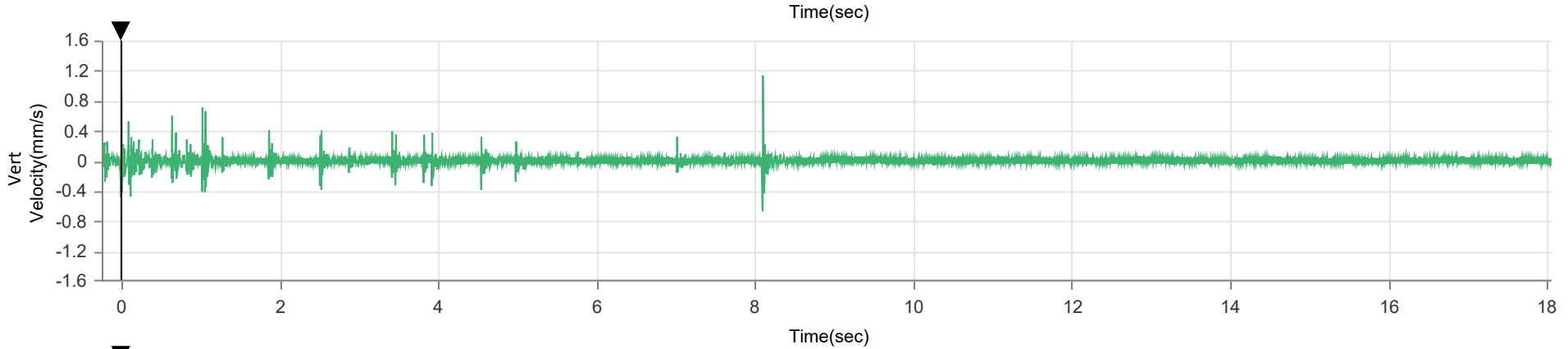


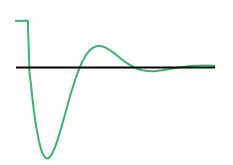
Sensor Check





✓ Passed





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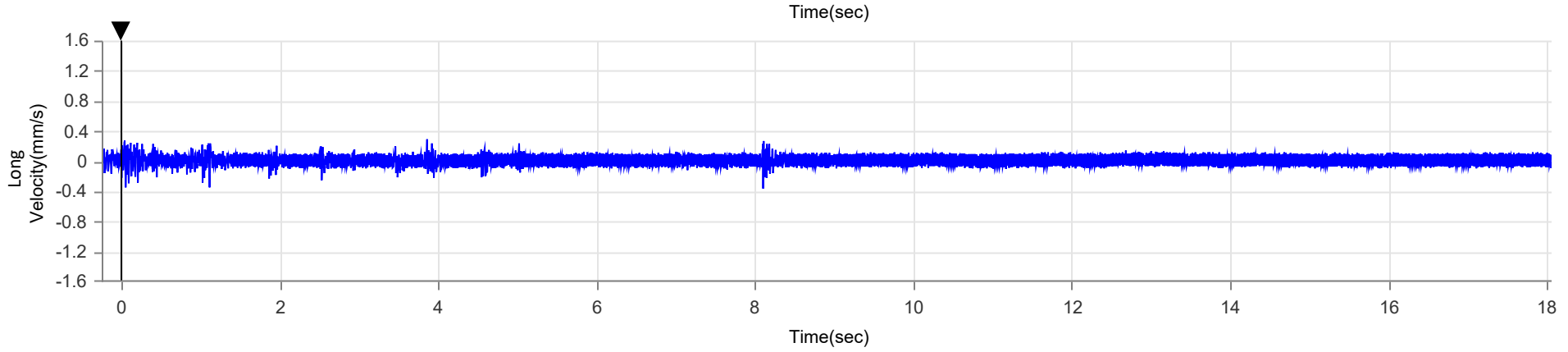

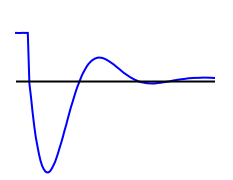

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 10:57:49	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/16.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221103105749.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

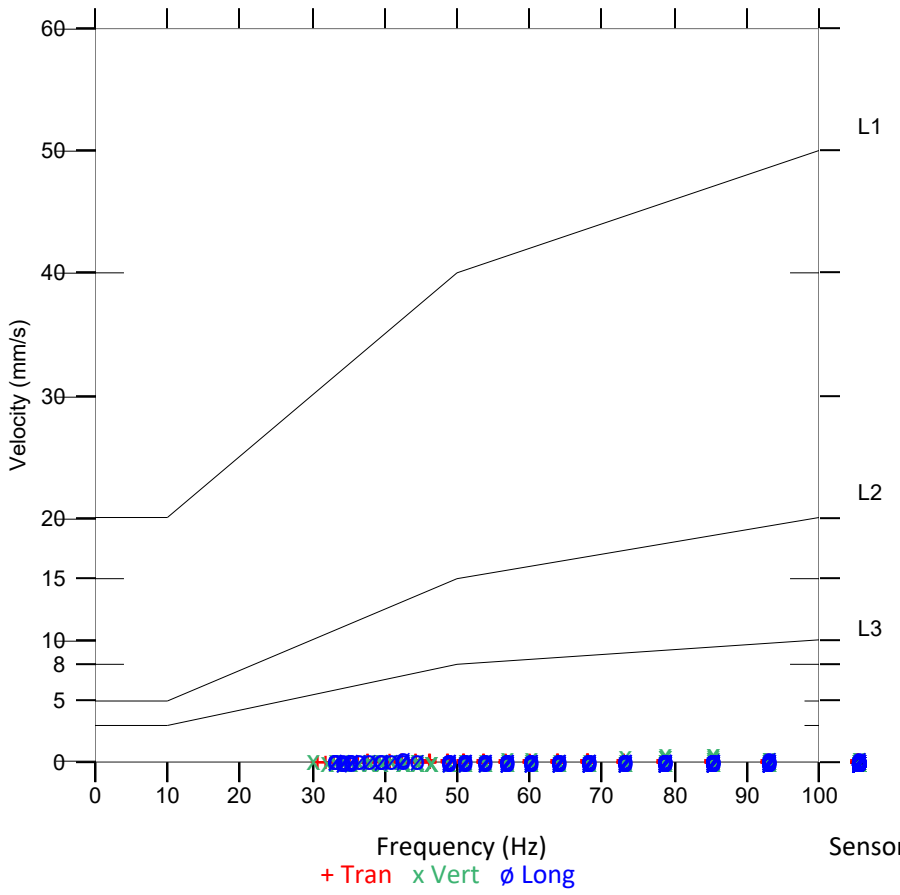
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

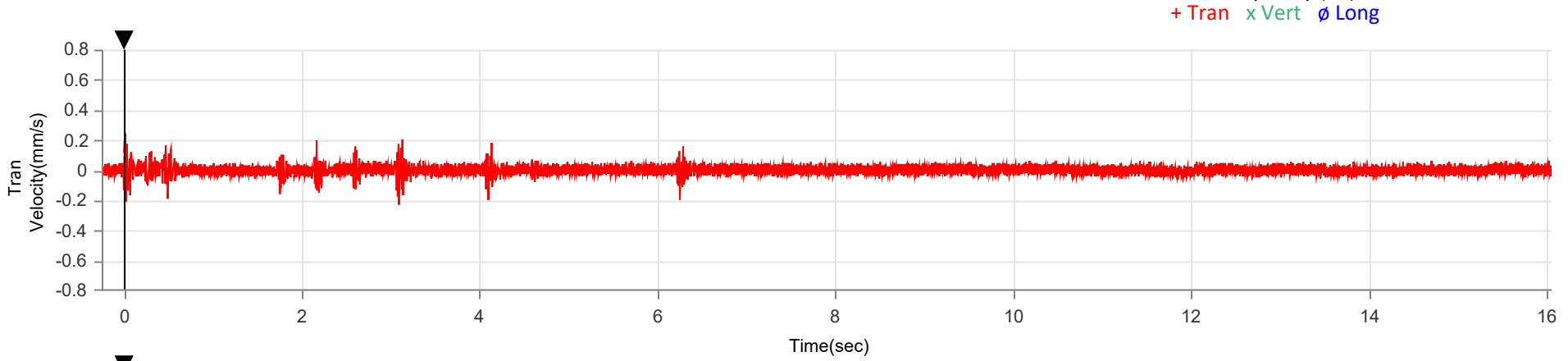
Post Event Notes No text to be displayed.

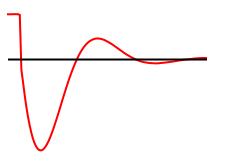
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.244 mm/s	0.717 mm/s	0.268 mm/s
Zero Crossing Frequency	>100 Hz	78.8 Hz	>100 Hz
Time (Relative to Trigger)	0.021 sec	3.067 sec	0.003 sec
Peak Acceleration	0.021 g	0.043 g	0.020 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.728 mm/s at 3.068 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

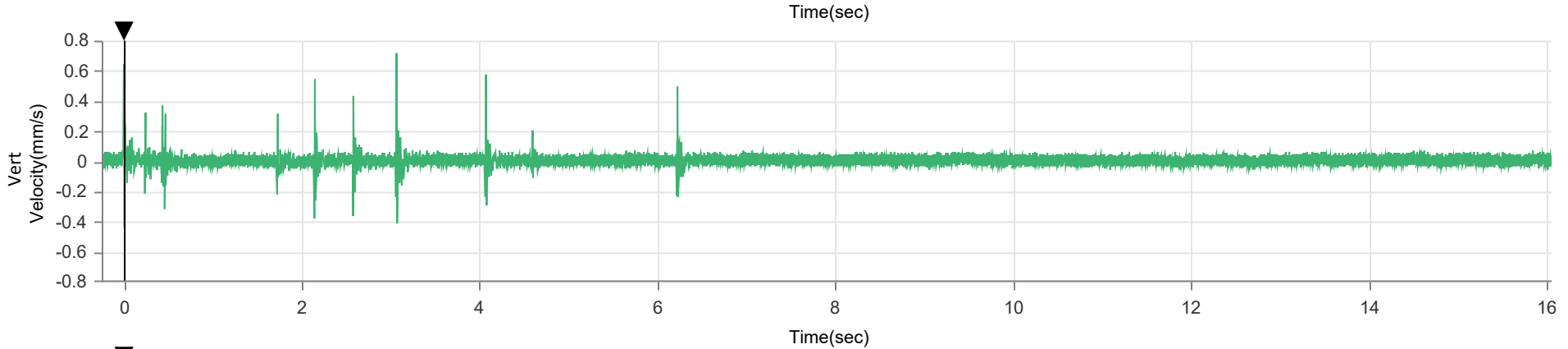


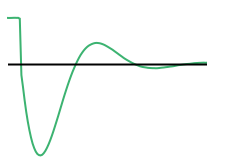
Sensor Check





✓ Passed





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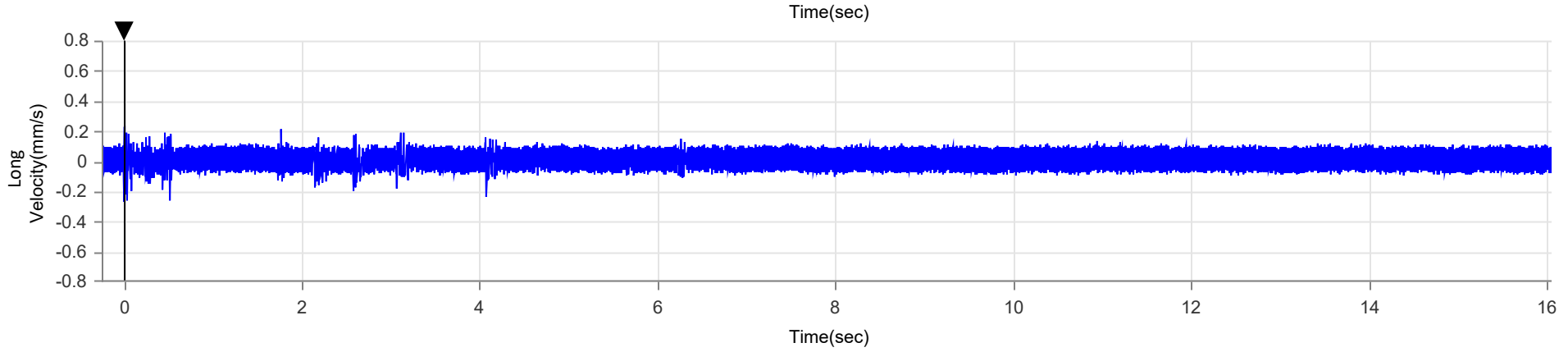

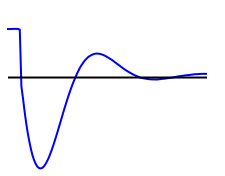

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 12:40:41	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221103124041.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

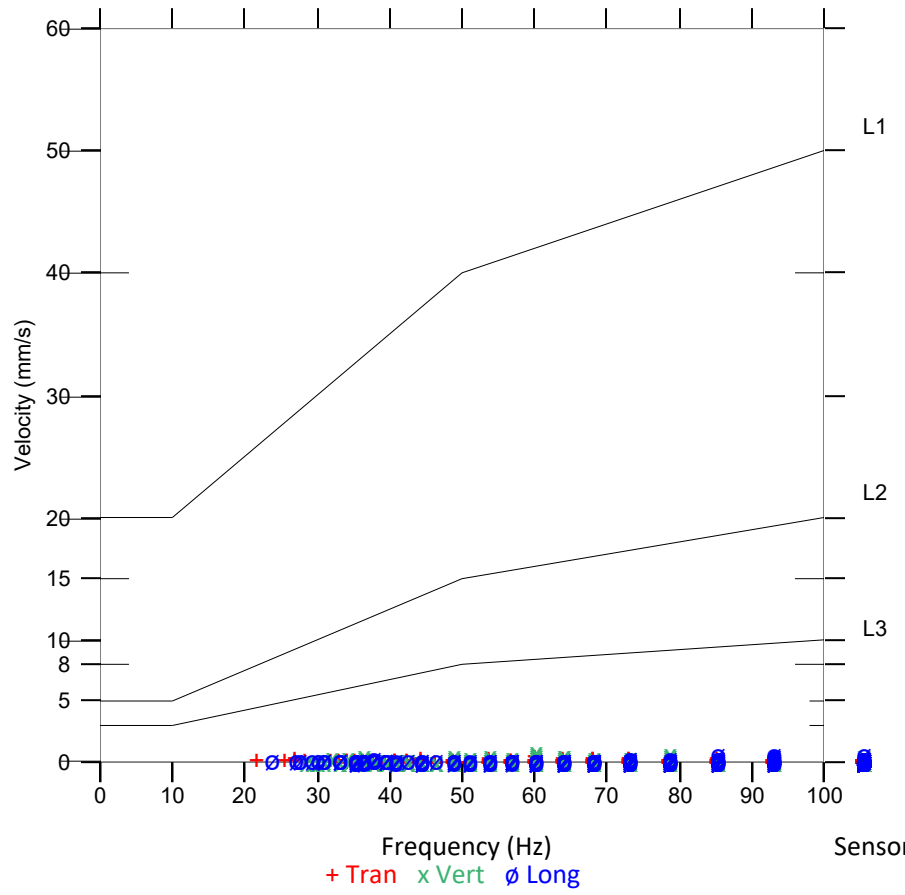
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

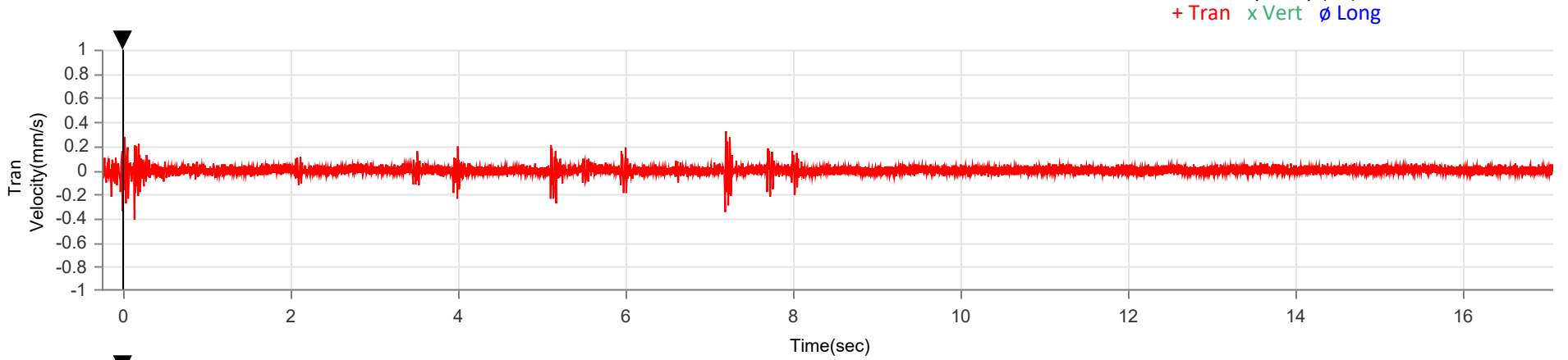
Post Event Notes No text to be displayed.

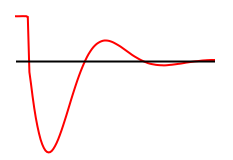
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.410 mm/s	0.765 mm/s	0.725 mm/s
Zero Crossing Frequency	60.2 Hz	60.2 Hz	85.3 Hz
Time (Relative to Trigger)	0.142 sec	0.141 sec	7.234 sec
Peak Acceleration	0.046 g	0.067 g	0.043 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.865 mm/s at 0.141 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

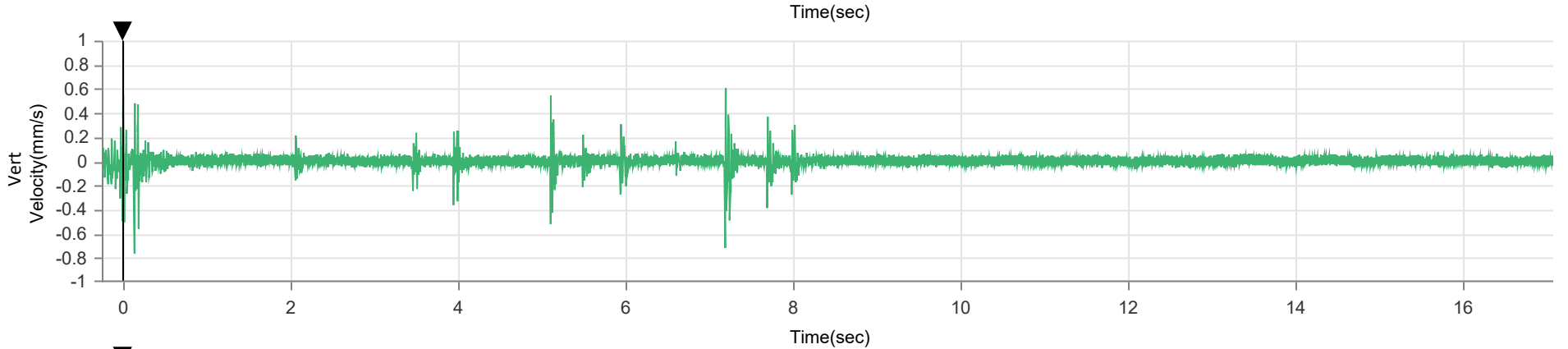


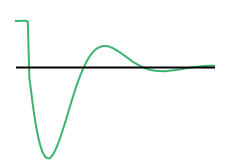
Sensor Check



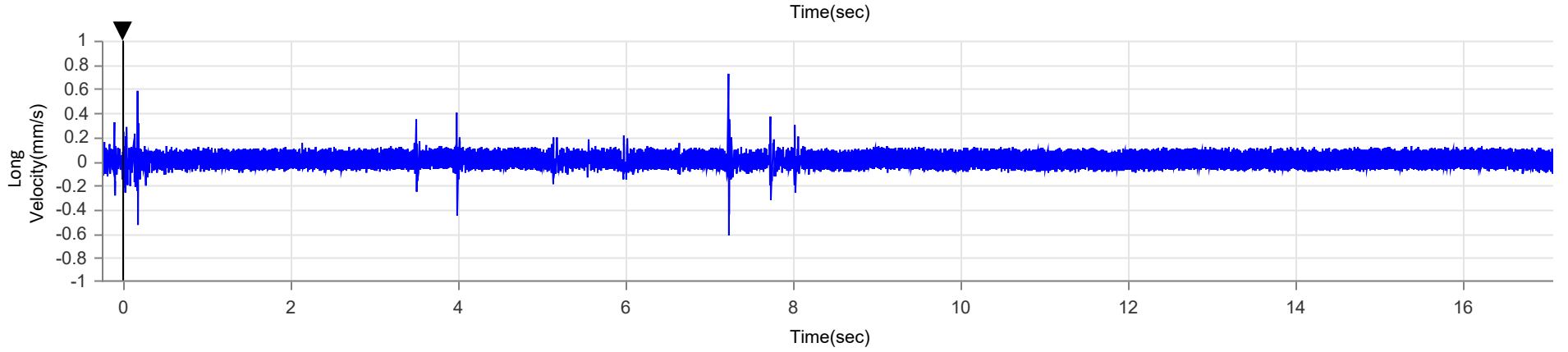


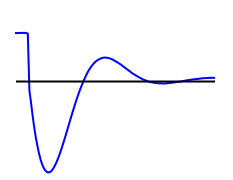
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 14:11:24	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/12.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221103141124.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

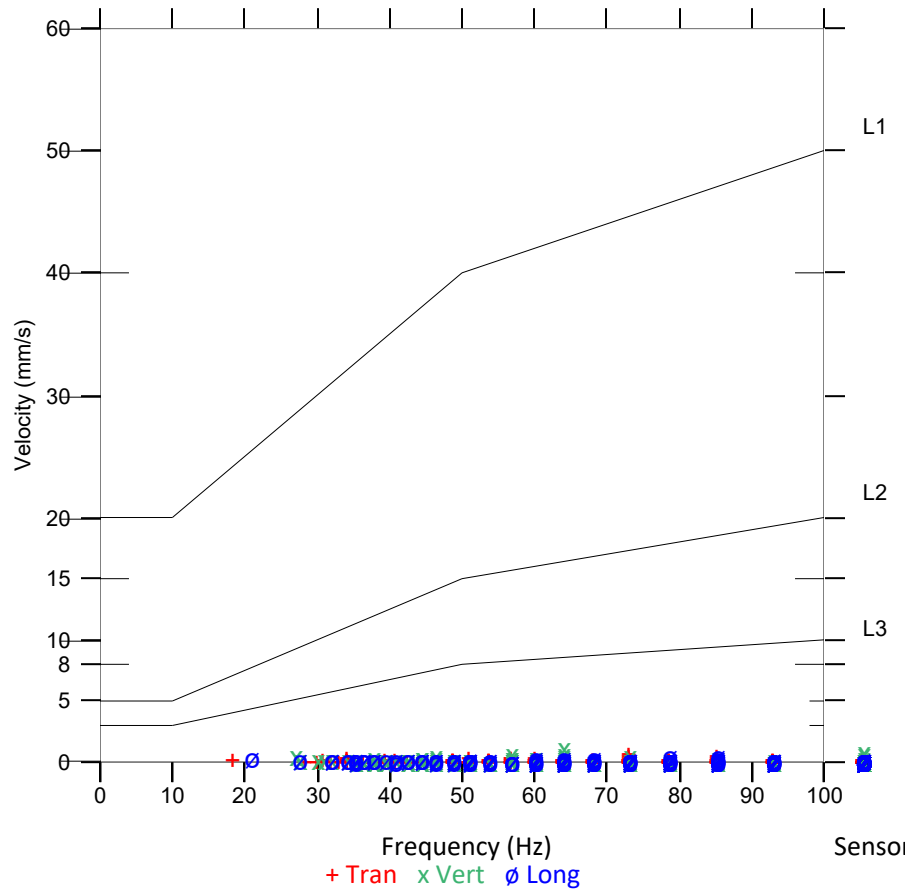
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

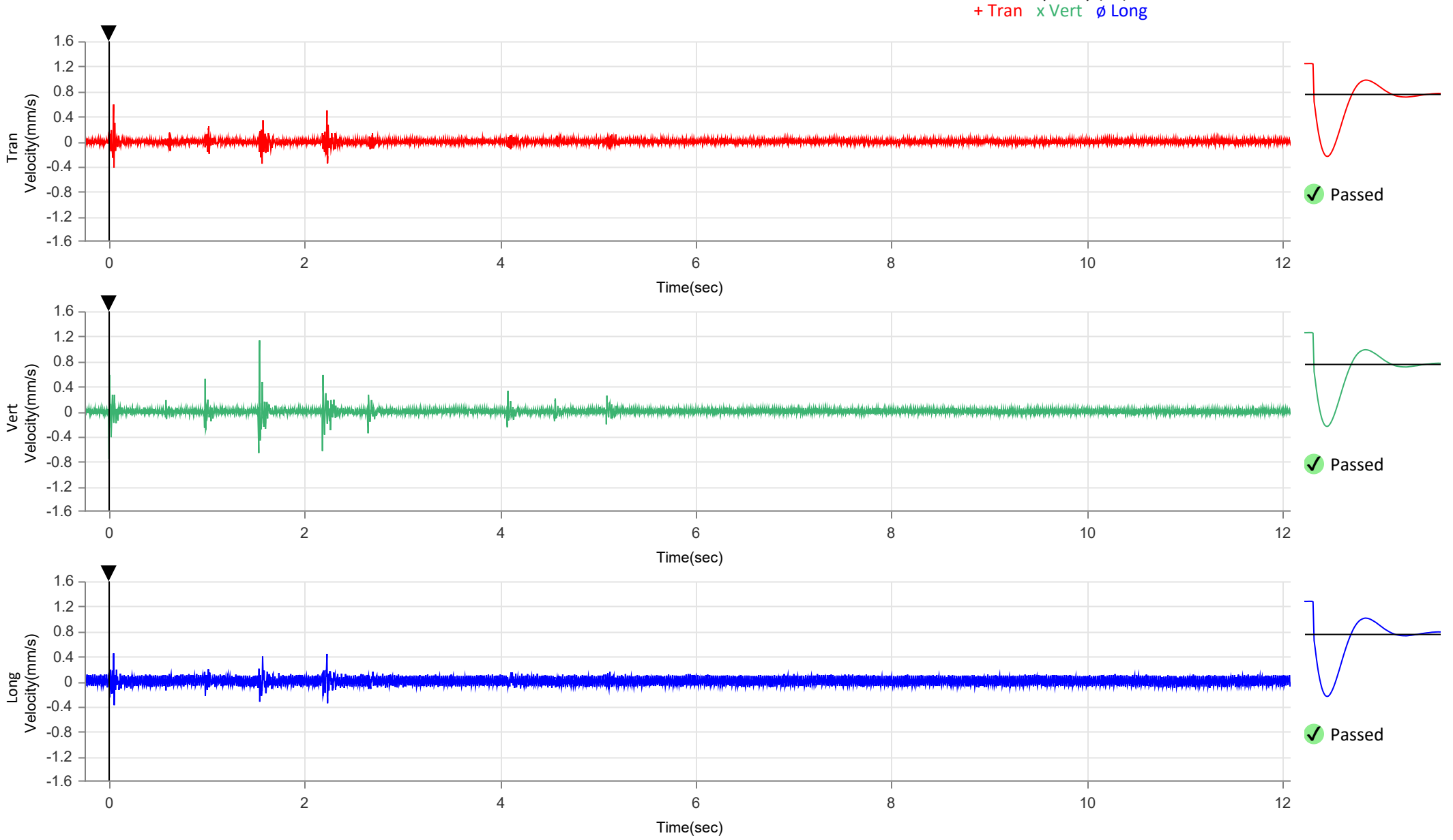
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.591 mm/s	1.135 mm/s	0.449 mm/s
Zero Crossing Frequency	78.8 Hz	64.0 Hz	85.3 Hz
Time (Relative to Trigger)	0.047 sec	1.540 sec	0.047 sec
Peak Acceleration	0.033 g	0.058 g	0.026 g
Peak Displacement	0.001 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.177 mm/s at 1.540 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 4, 2022 09:53:09	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

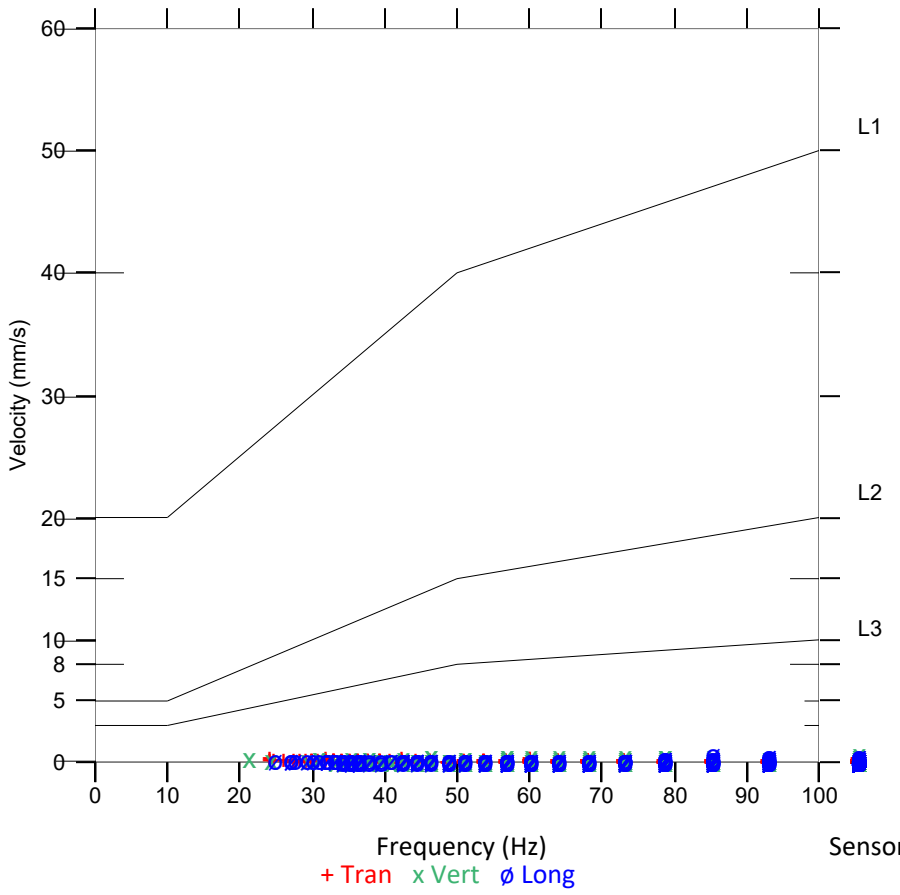
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

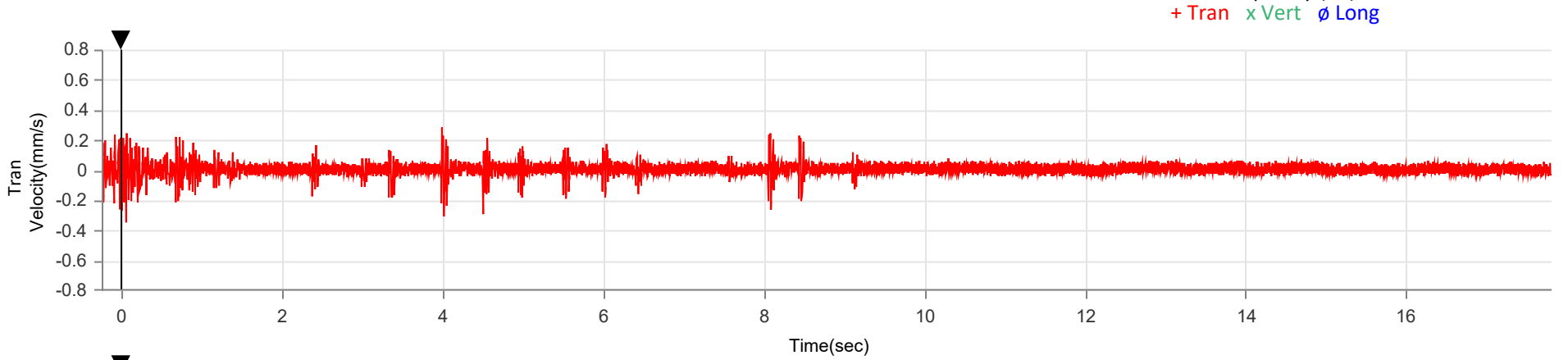
Post Event Notes No text to be displayed.

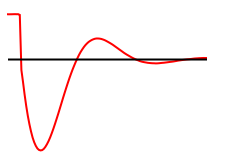
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.347 mm/s	0.591 mm/s	0.615 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	85.3 Hz
Time (Relative to Trigger)	0.055 sec	4.505 sec	0.000 sec
Peak Acceleration	0.035 g	0.066 g	0.036 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.823 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

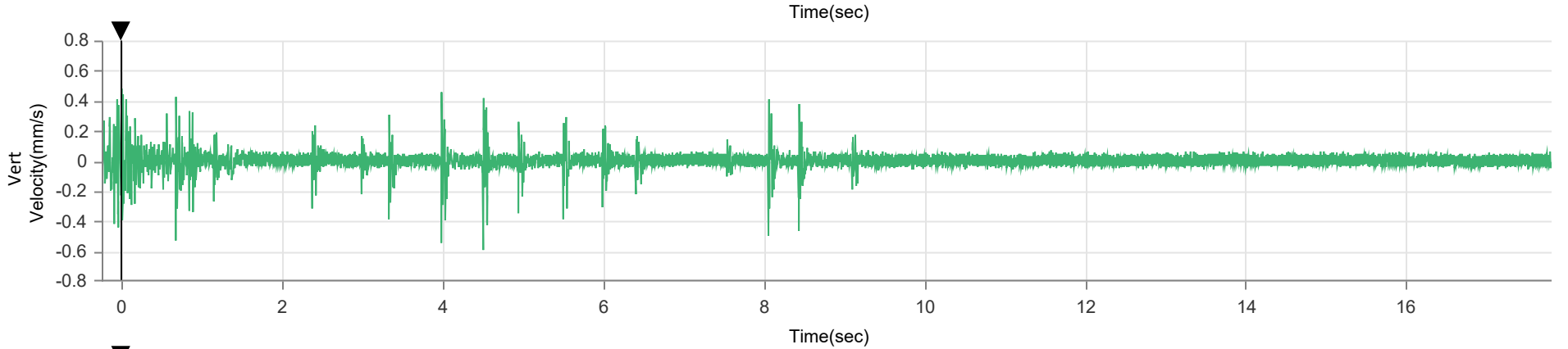


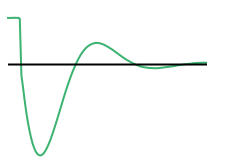
Sensor Check



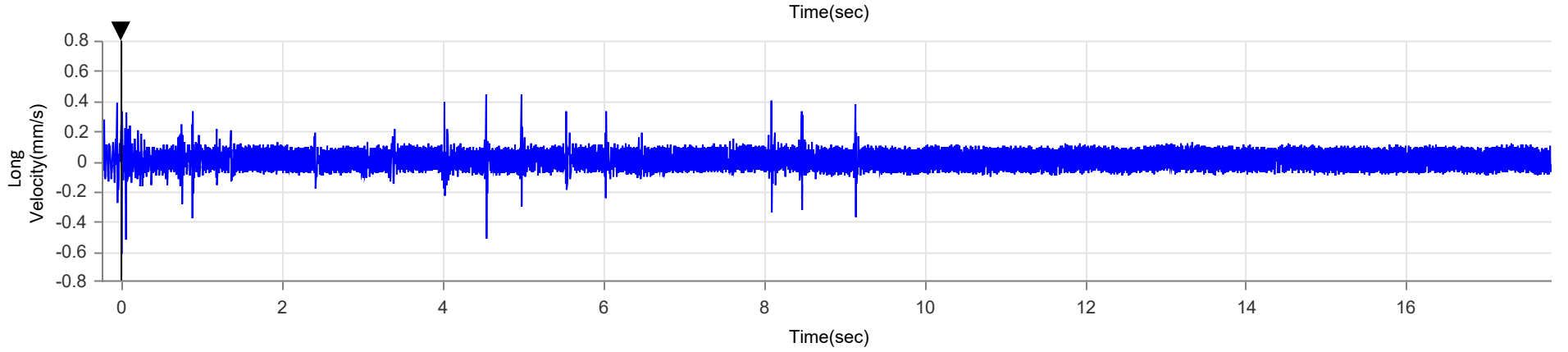


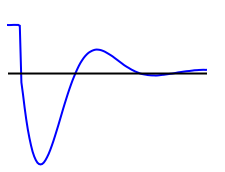
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 11:13:25	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221104111325.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

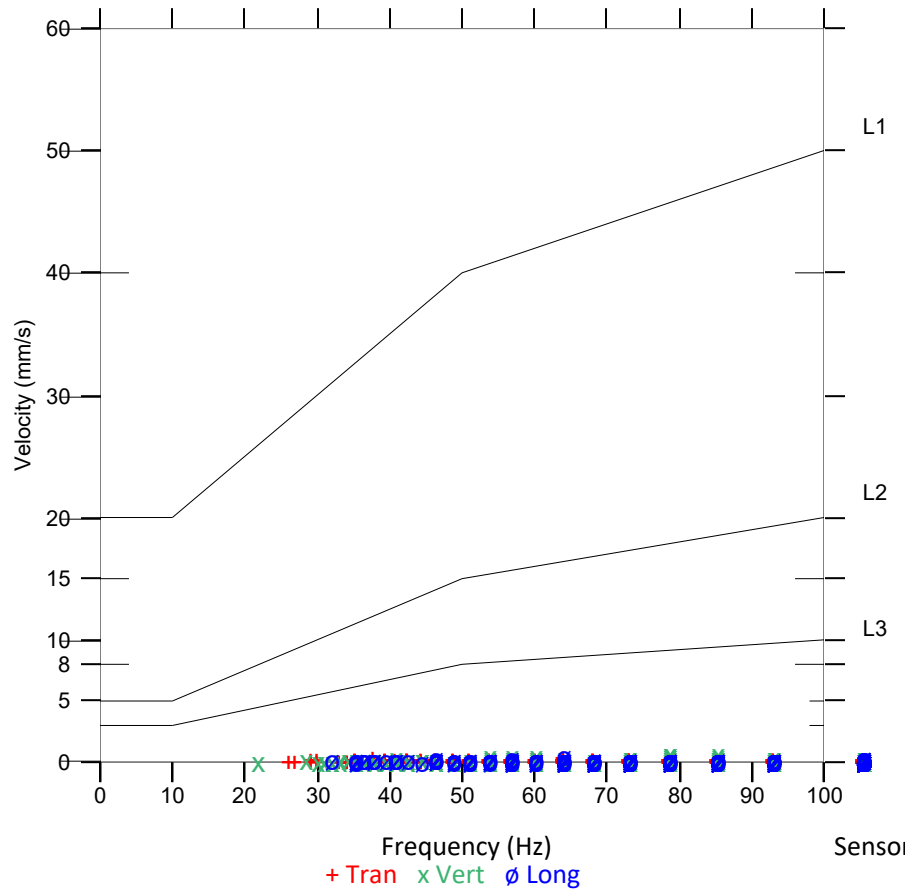
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

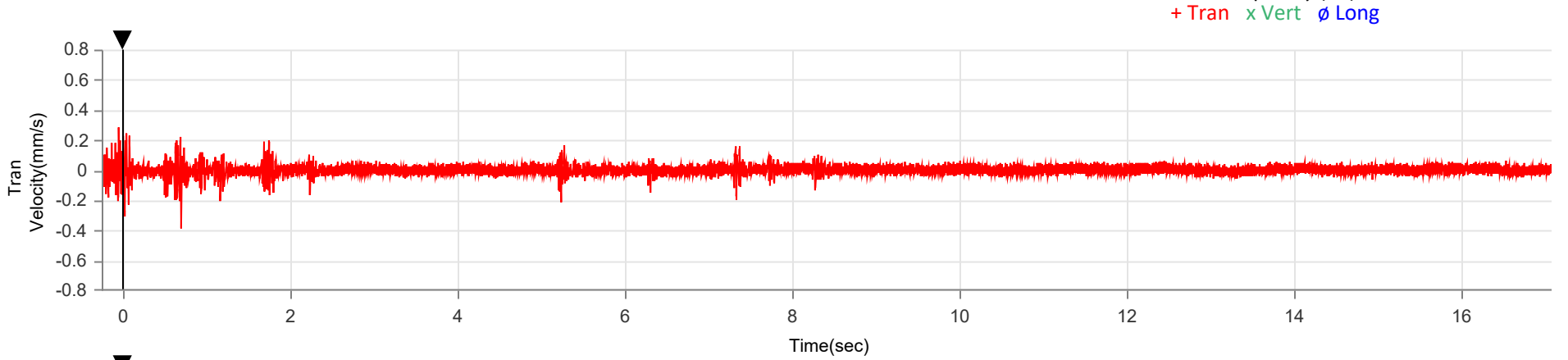
Post Event Notes No text to be displayed.

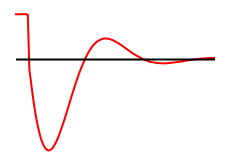
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.386 mm/s	0.678 mm/s	0.434 mm/s
Zero Crossing Frequency	37.9 Hz	85.3 Hz	68.3 Hz
Time (Relative to Trigger)	0.700 sec	0.008 sec	0.003 sec
Peak Acceleration	0.018 g	0.046 g	0.021 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.728 mm/s at 0.008 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

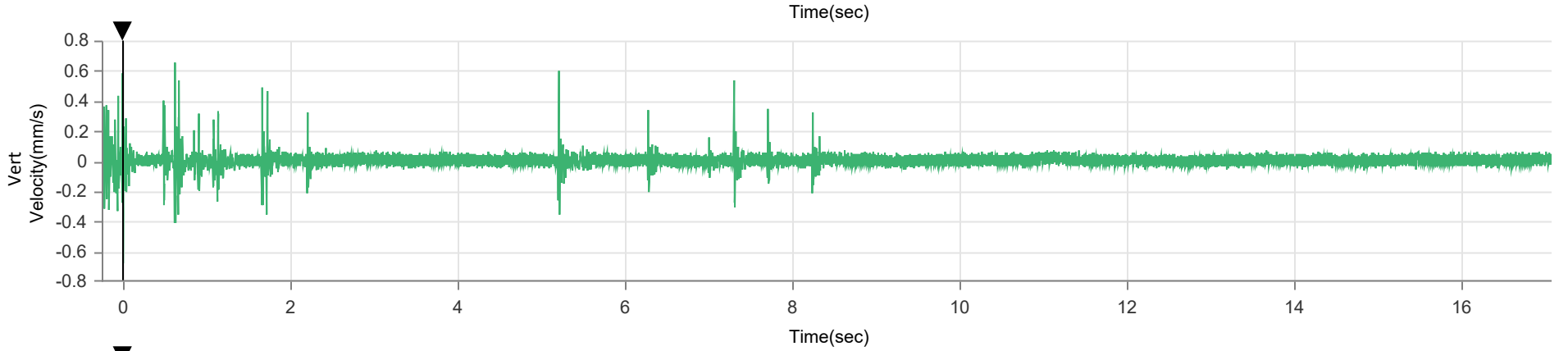


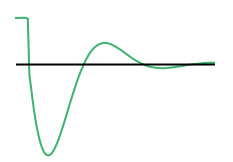
Sensor Check



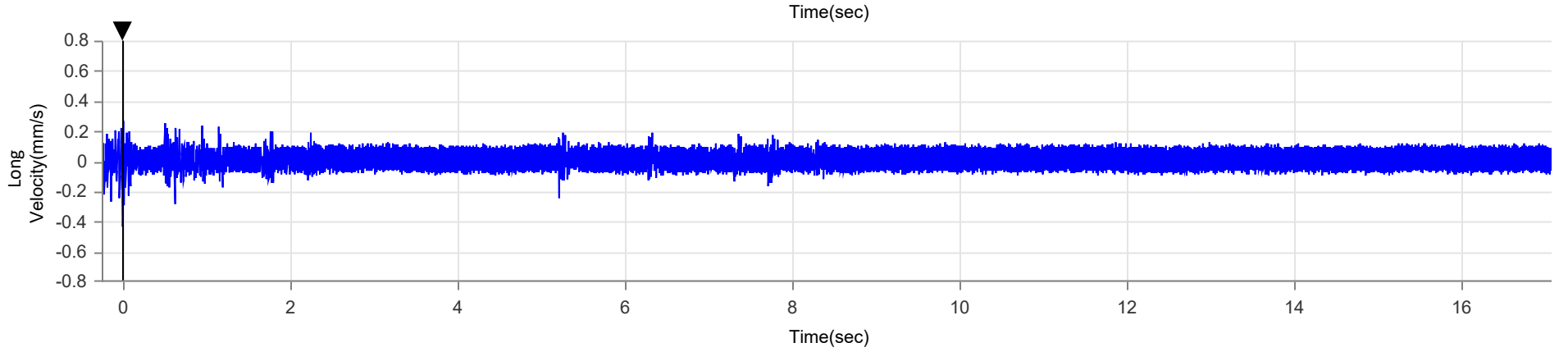


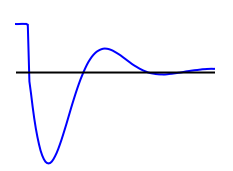
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:05	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/10.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221104120005.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

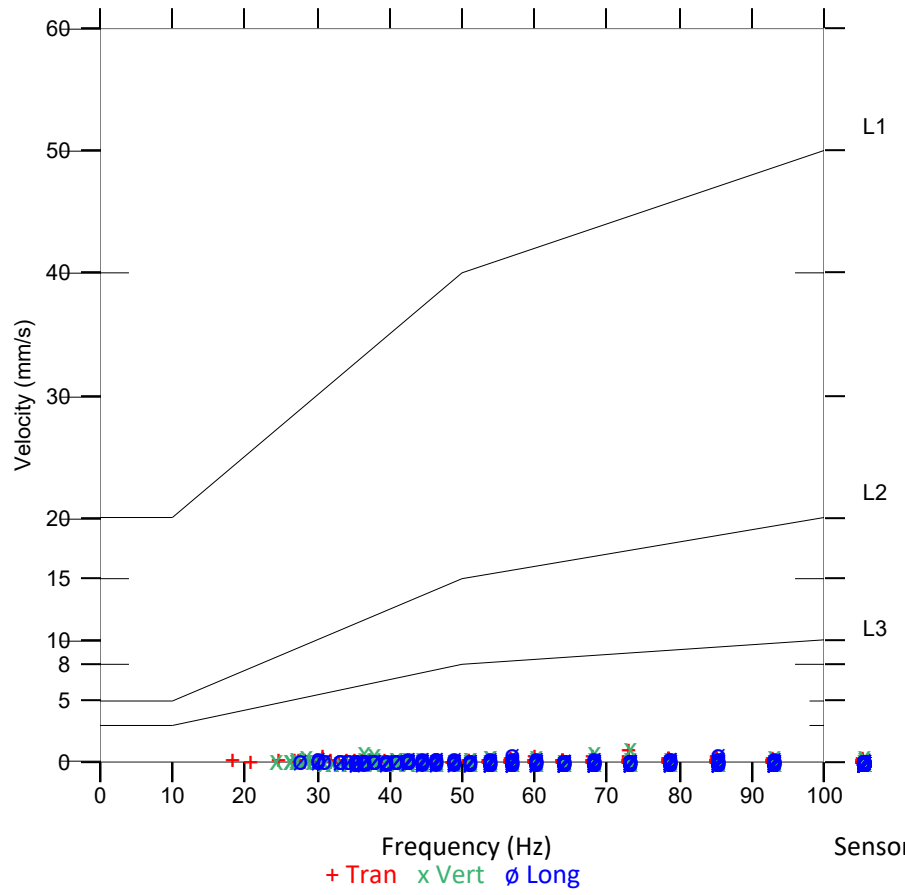
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

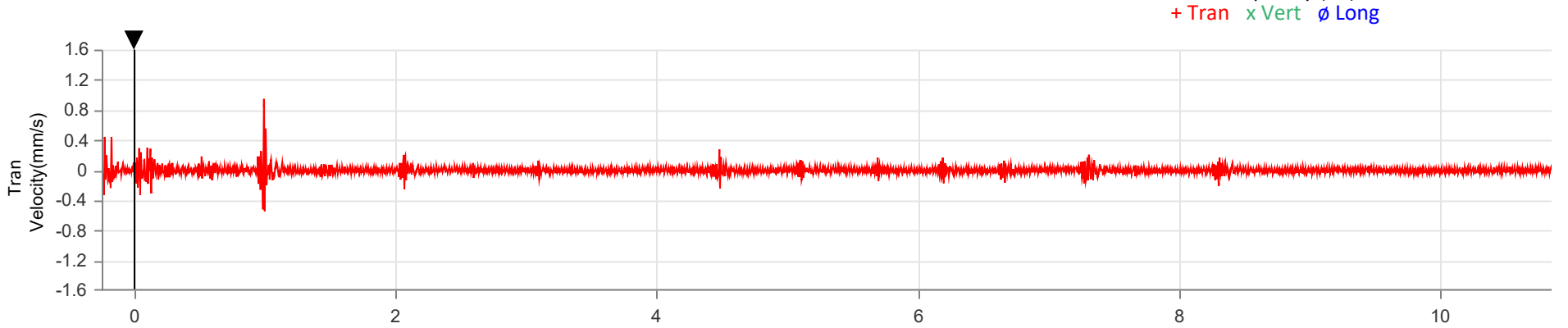
Post Event Notes No text to be displayed.

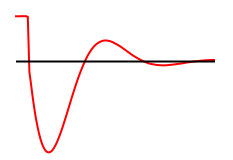
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.946 mm/s	1.080 mm/s	0.701 mm/s
Zero Crossing Frequency	73.1 Hz	85.3 Hz	78.8 Hz
Time (Relative to Trigger)	0.993 sec	0.945 sec	0.994 sec
Peak Acceleration	0.043 g	0.066 g	0.039 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.176 mm/s at 0.993 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

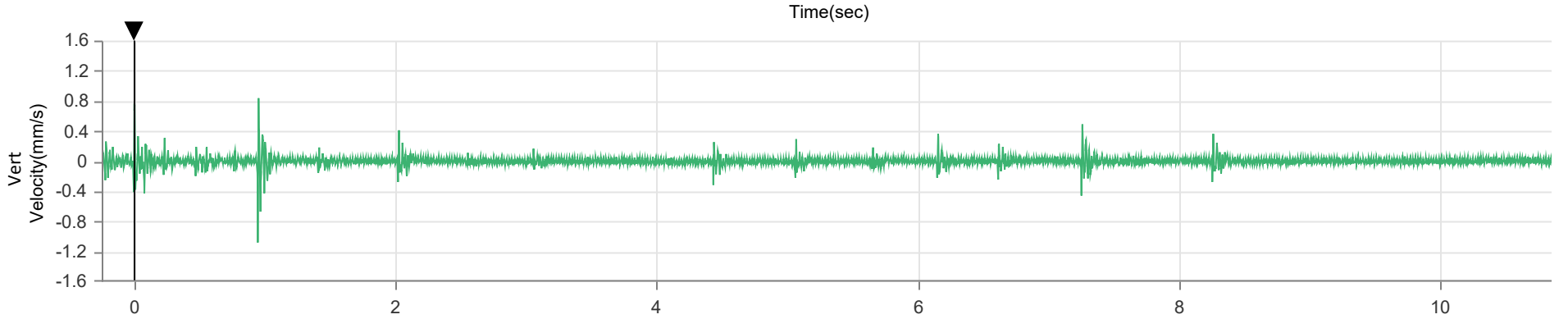


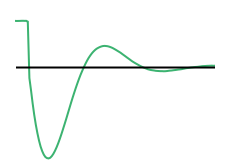
Sensor Check



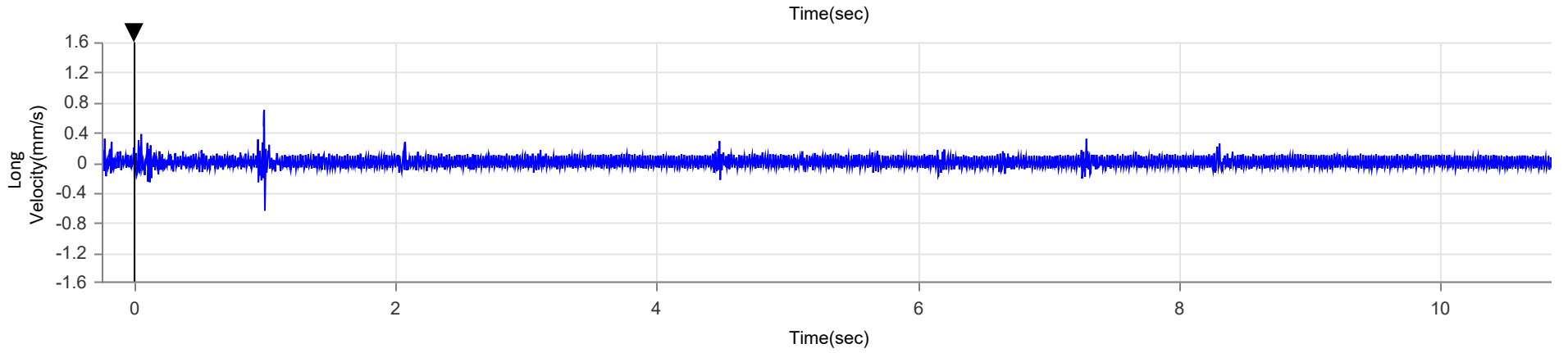


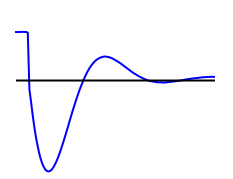
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:11	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/18.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

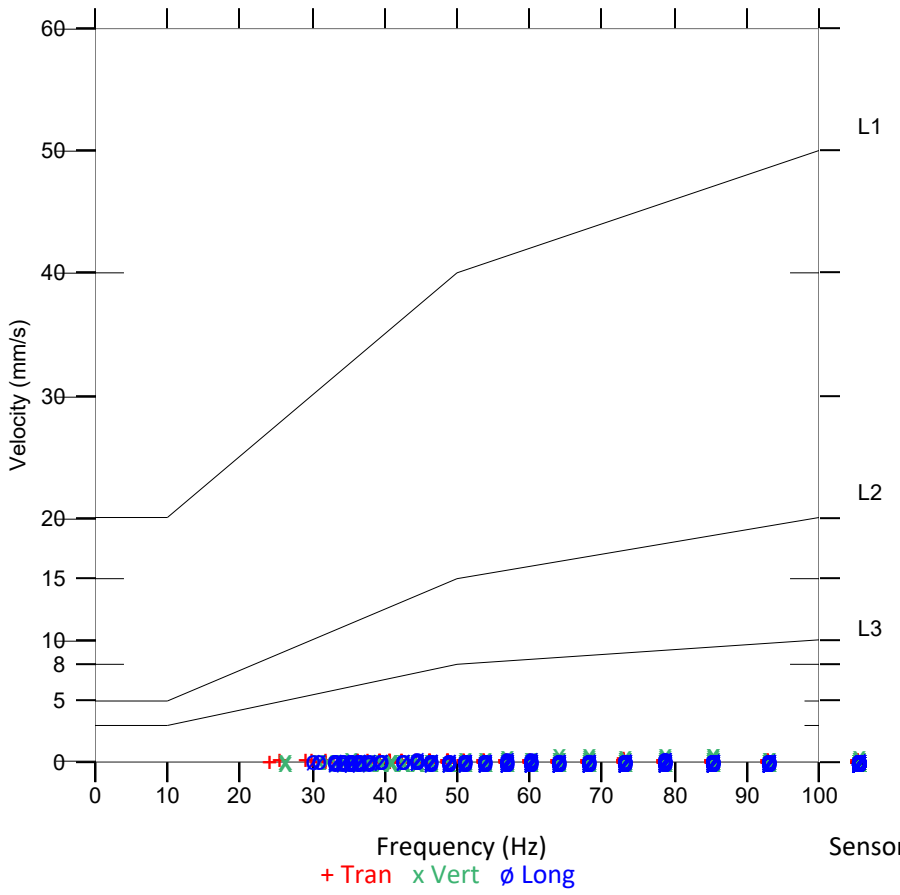
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

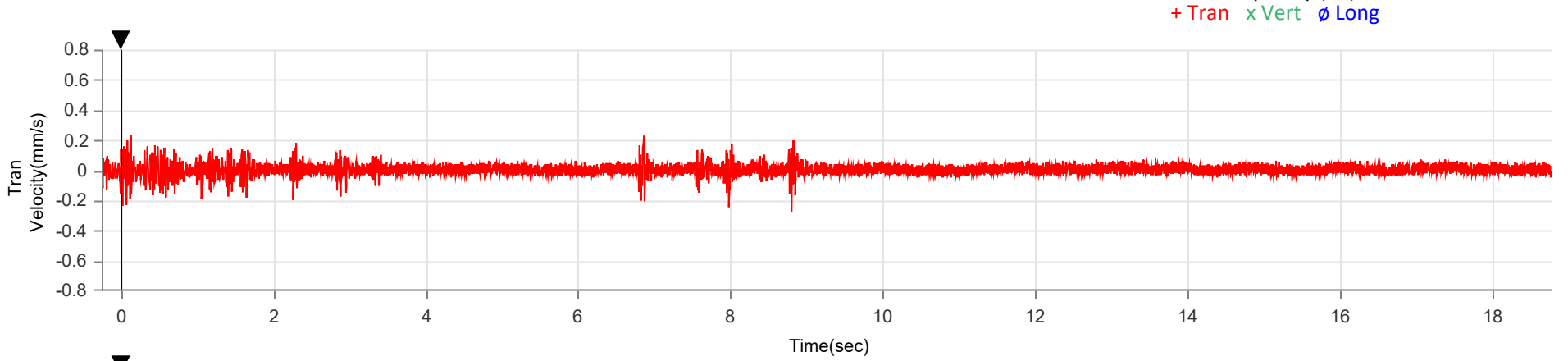
Post Event Notes No text to be displayed.

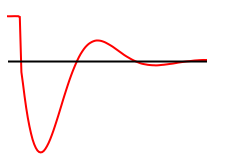
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.276 mm/s	0.670 mm/s	0.331 mm/s
Zero Crossing Frequency	78.8 Hz	85.3 Hz	44.5 Hz
Time (Relative to Trigger)	8.802 sec	6.801 sec	8.832 sec
Peak Acceleration	0.015 g	0.035 g	0.020 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.698 mm/s at 0.051 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

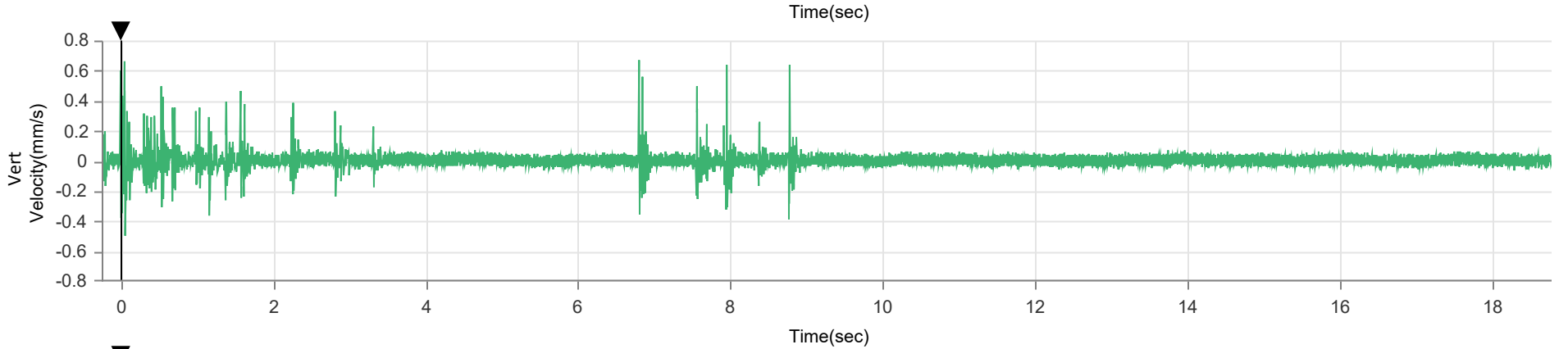


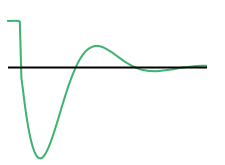
Sensor Check



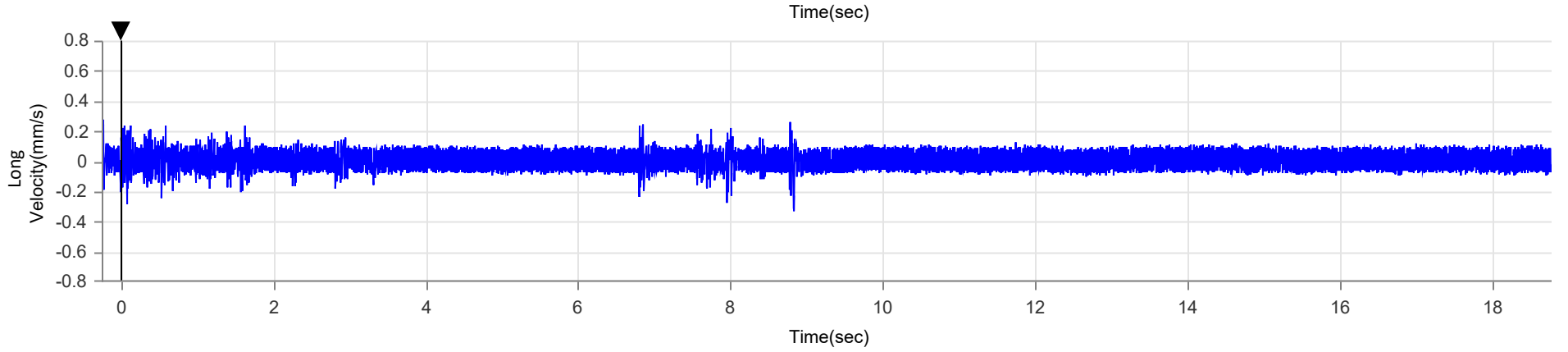


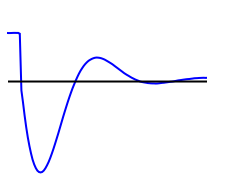
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 10:41:06	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

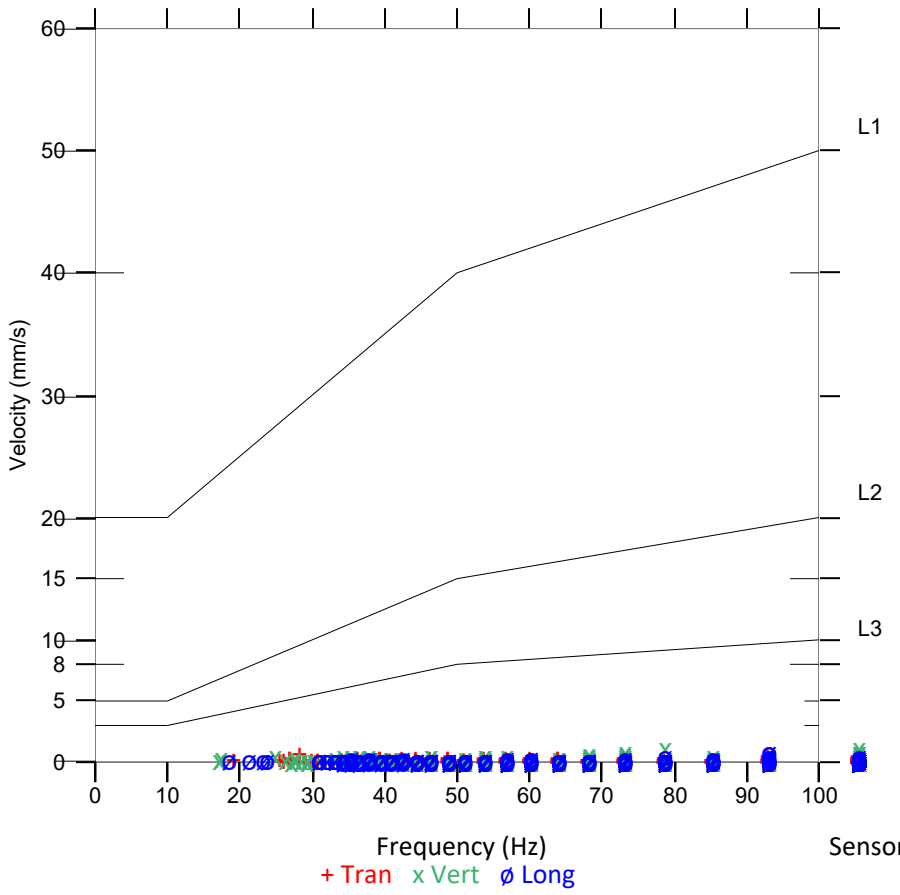
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

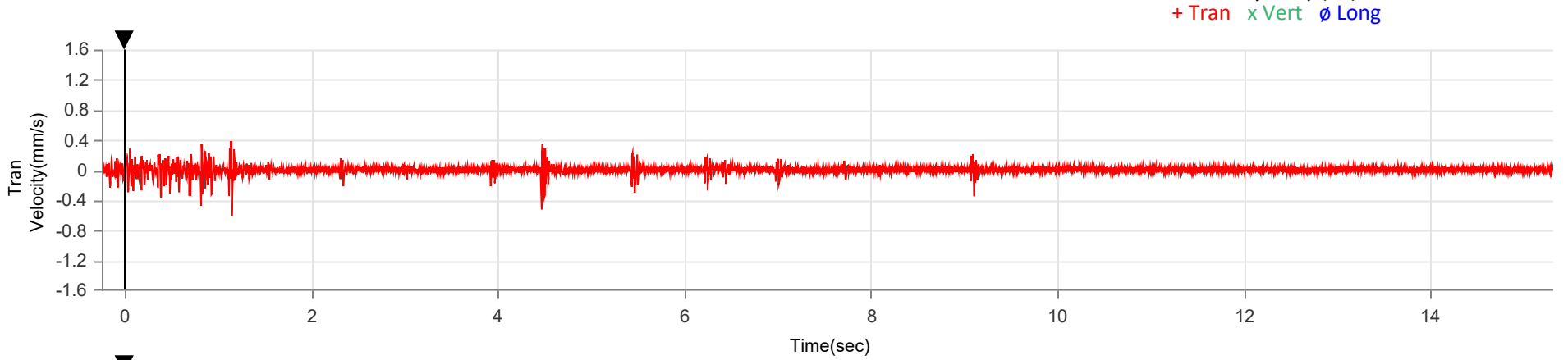
Post Event Notes No text to be displayed.

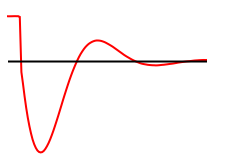
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.615 mm/s	1.151 mm/s	0.867 mm/s
Zero Crossing Frequency	28.4 Hz	93.1 Hz	93.1 Hz
Time (Relative to Trigger)	1.145 sec	4.469 sec	4.506 sec
Peak Acceleration	0.071 g	0.135 g	0.046 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.215 mm/s at 4.469 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

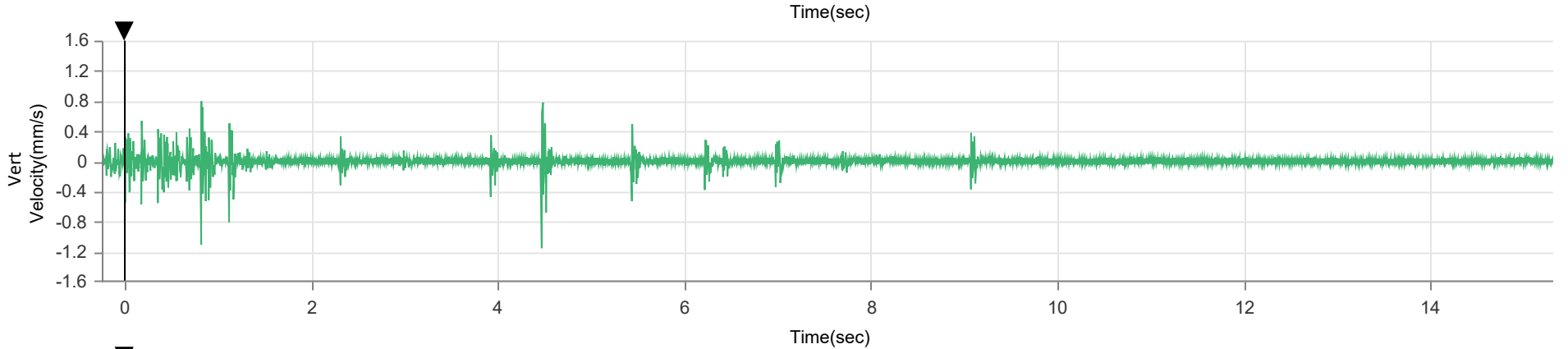


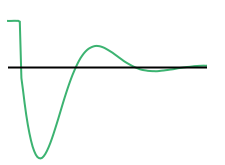
Sensor Check





✓ Passed





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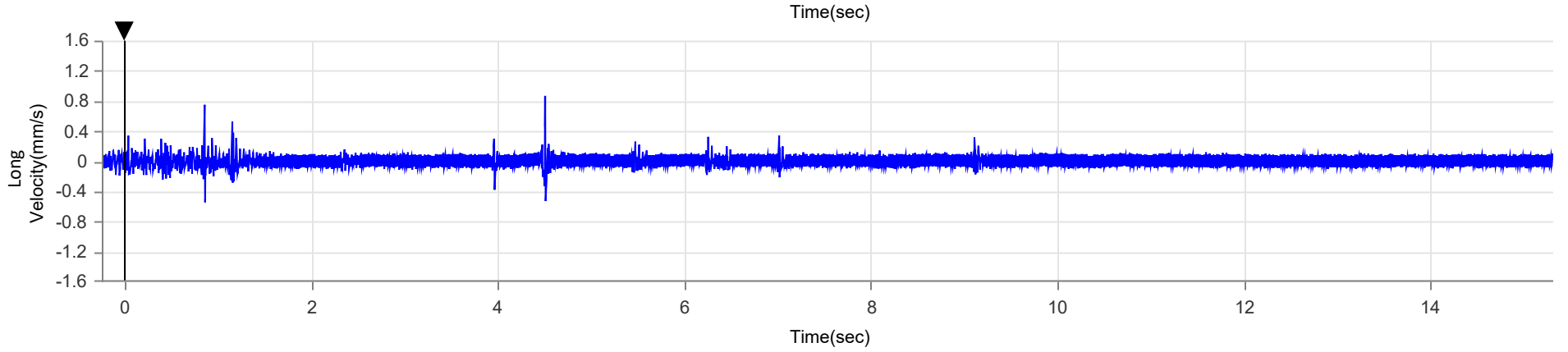
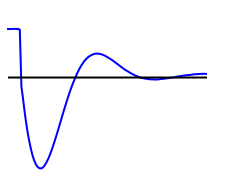




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:44	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221105121644.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

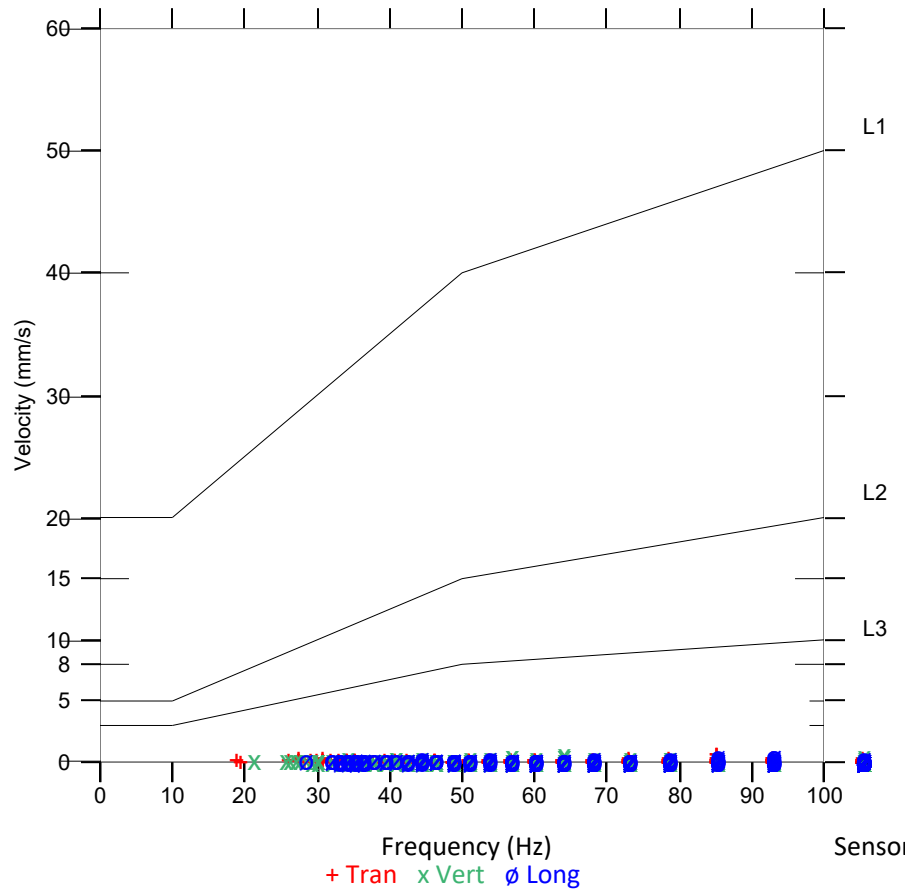
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

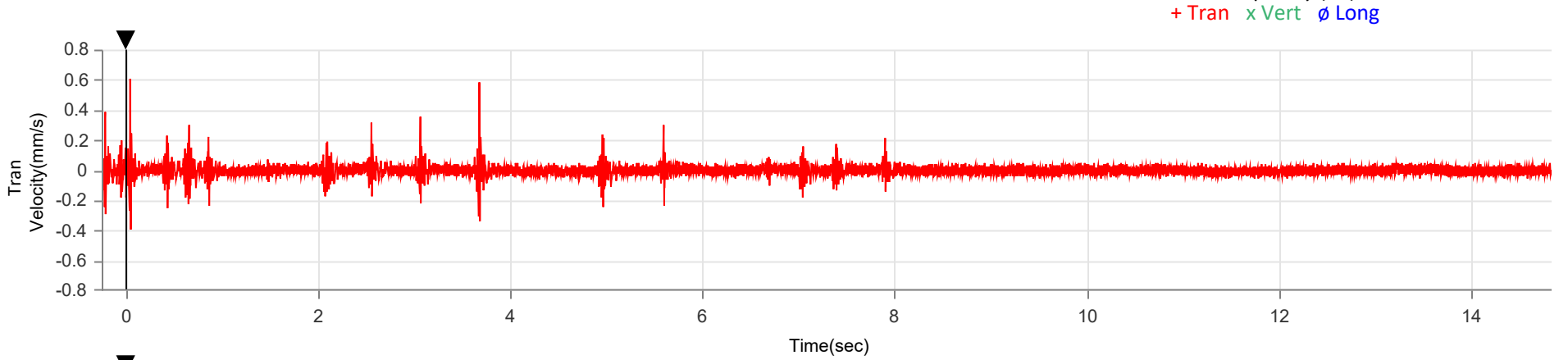
Post Event Notes No text to be displayed.

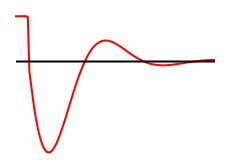
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.607 mm/s	0.615 mm/s	0.434 mm/s
Zero Crossing Frequency	93.1 Hz	64.0 Hz	93.1 Hz
Time (Relative to Trigger)	0.047 sec	0.611 sec	0.048 sec
Peak Acceleration	0.035 g	0.046 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.726 mm/s at 0.048 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

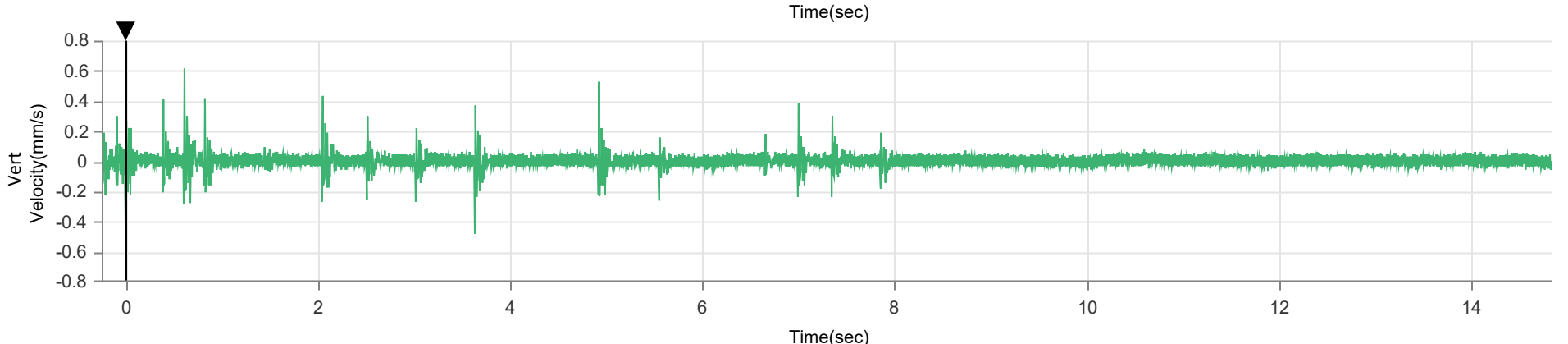


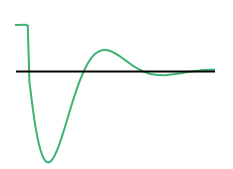
Sensor Check





✓ Passed





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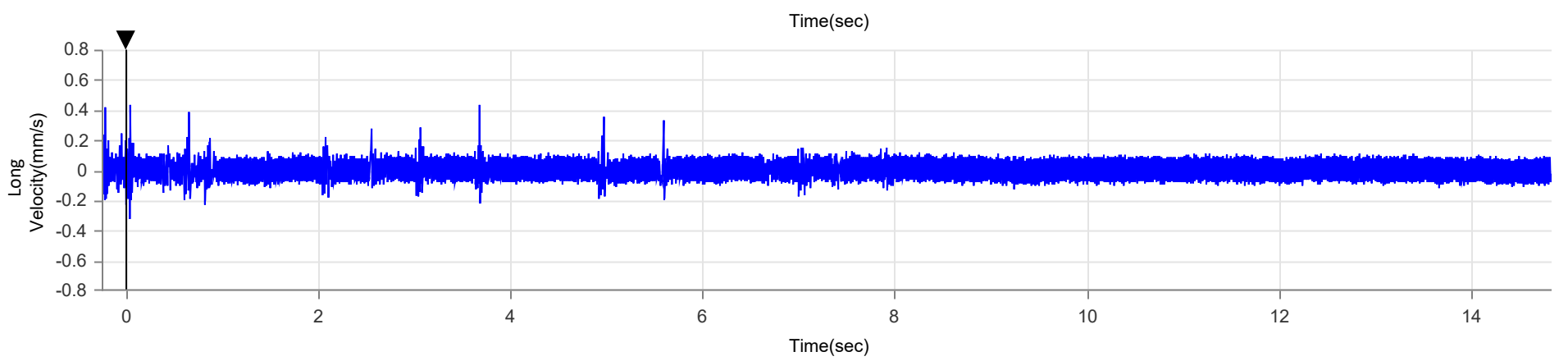
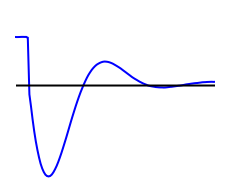




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 10:42:28	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

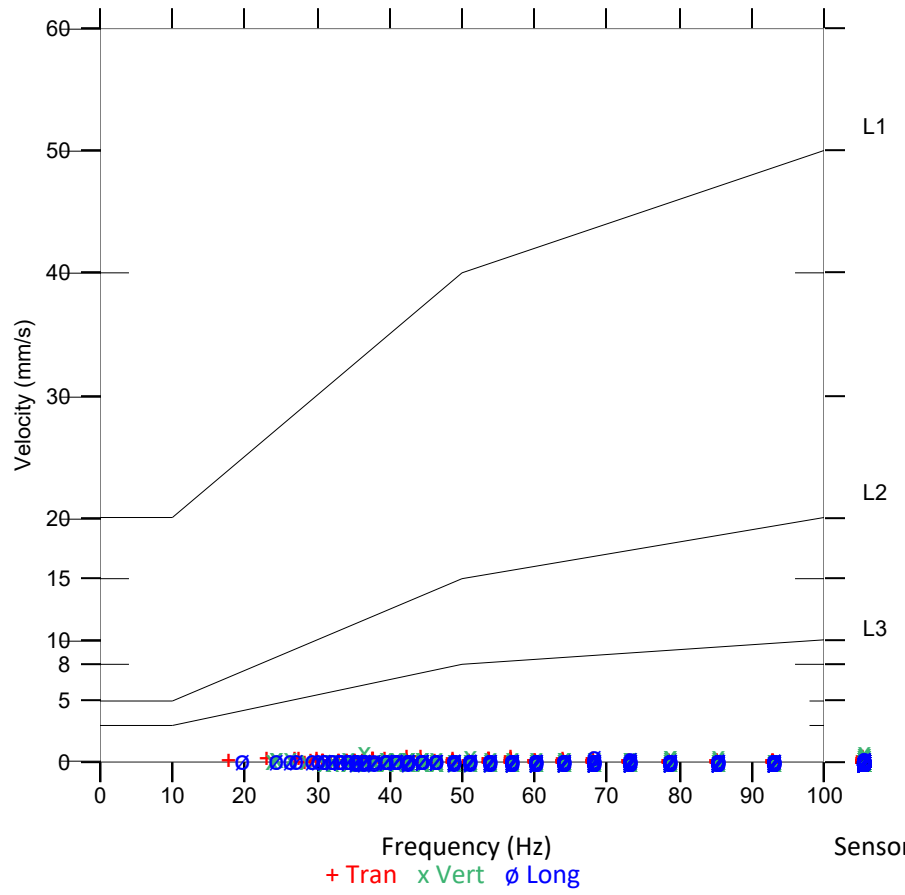
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

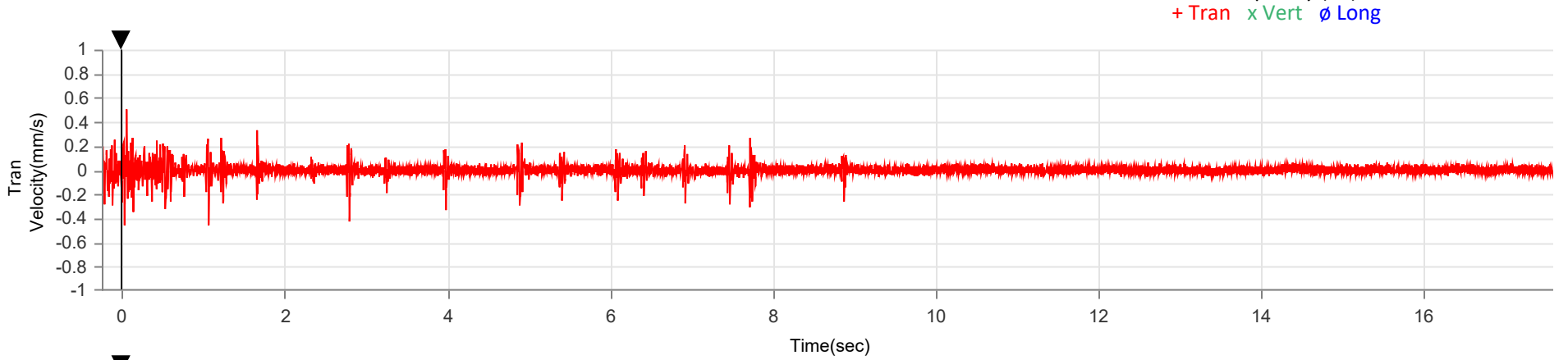
Post Event Notes No text to be displayed.

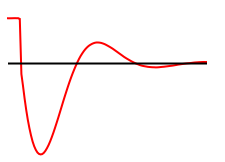
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.504 mm/s	0.812 mm/s	0.418 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.056 sec	0.055 sec	0.035 sec
Peak Acceleration	0.054 g	0.117 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.944 mm/s at 0.055 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

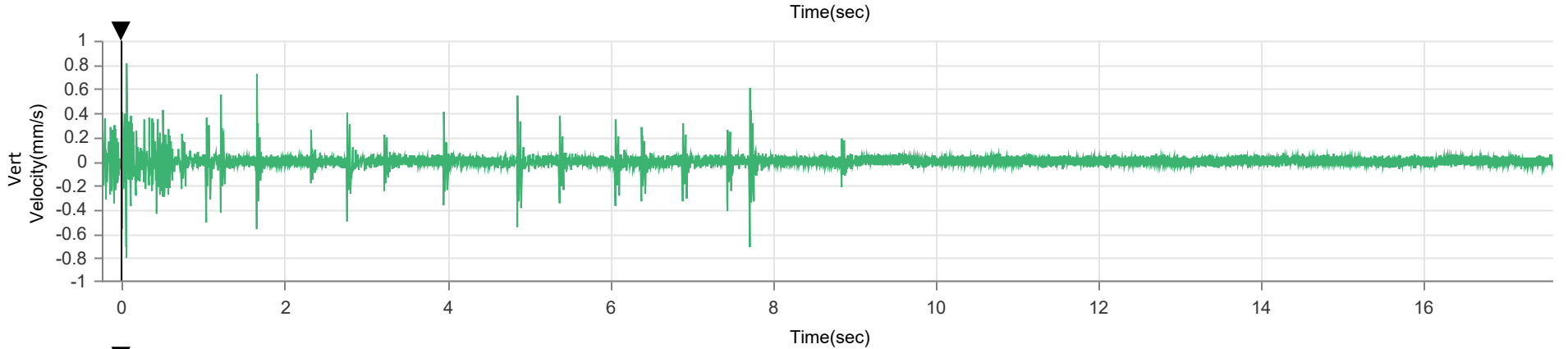


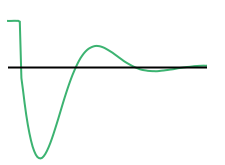
Sensor Check





✓ Passed





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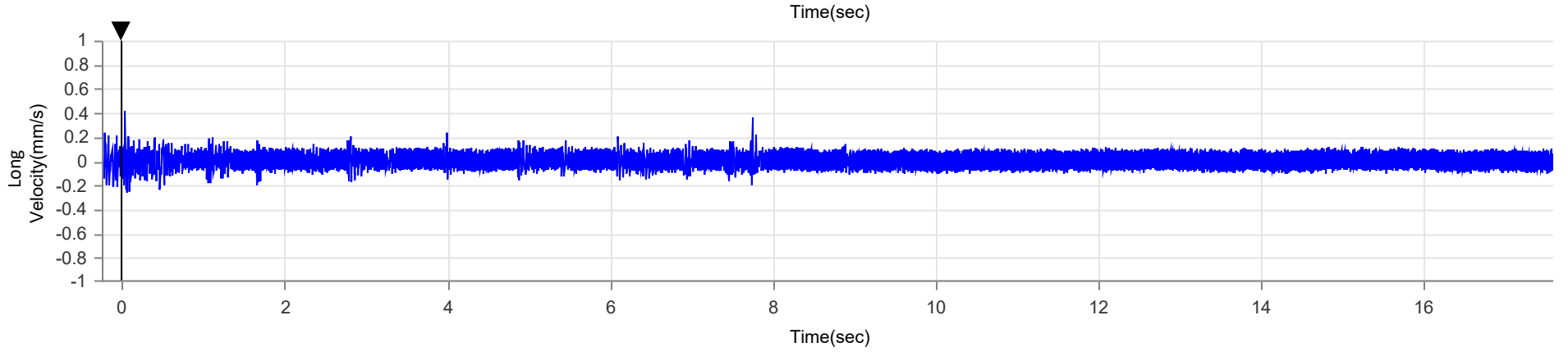
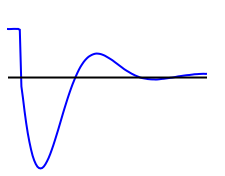




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 11:33:35	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221106113335.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

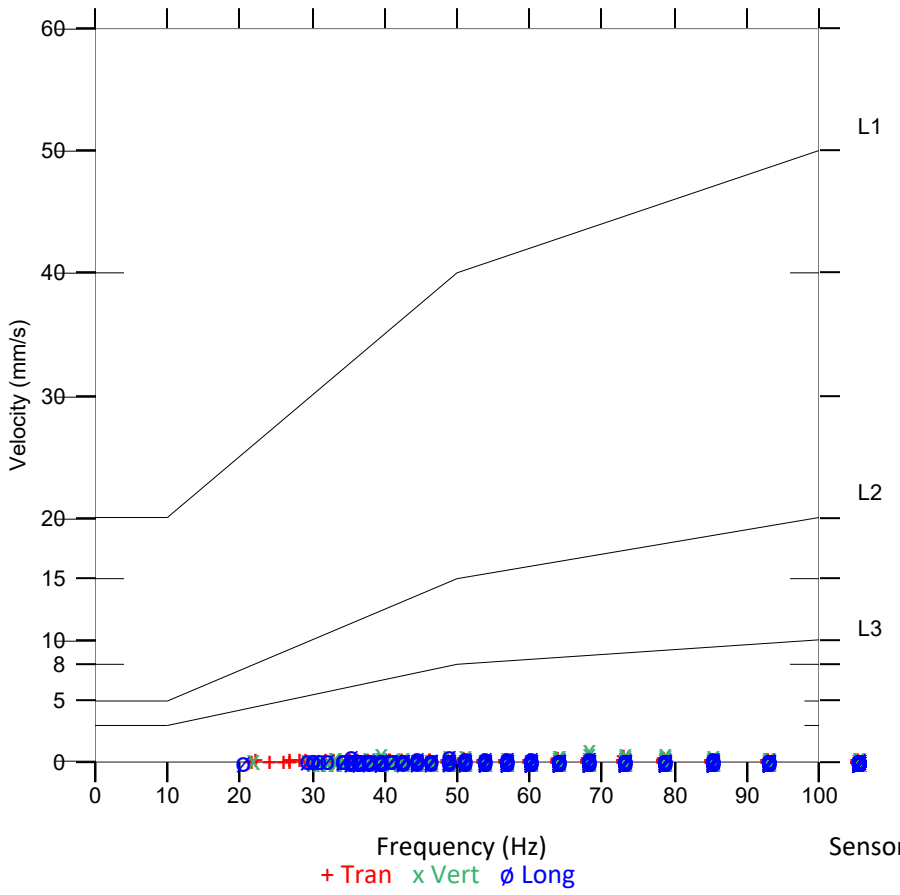
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

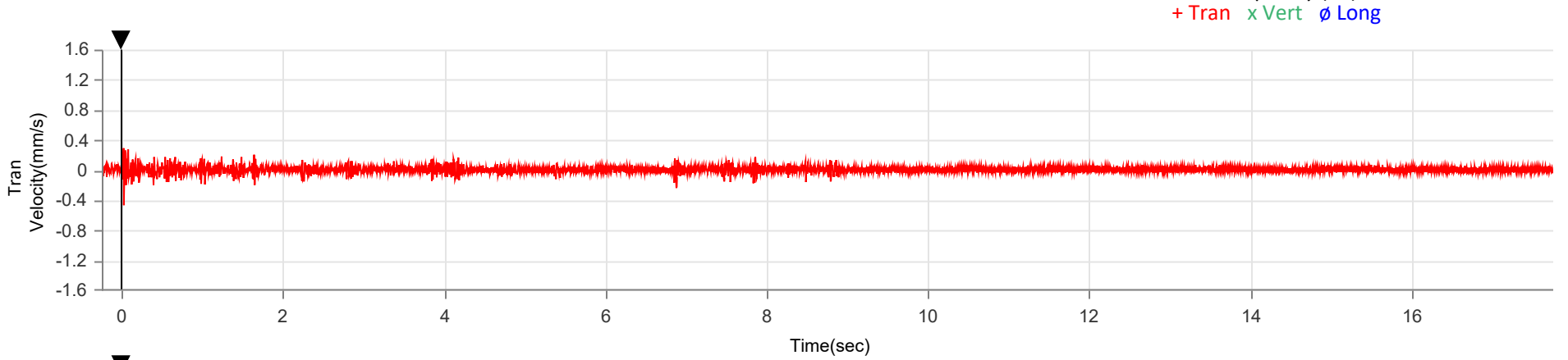
Post Event Notes No text to be displayed.

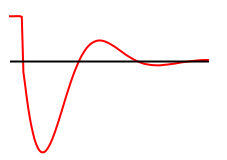
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.465 mm/s	1.033 mm/s	0.449 mm/s
Zero Crossing Frequency	73.1 Hz	68.3 Hz	48.8 Hz
Time (Relative to Trigger)	0.025 sec	0.026 sec	0.078 sec
Peak Acceleration	0.031 g	0.049 g	0.021 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	1.149 mm/s at 0.026 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

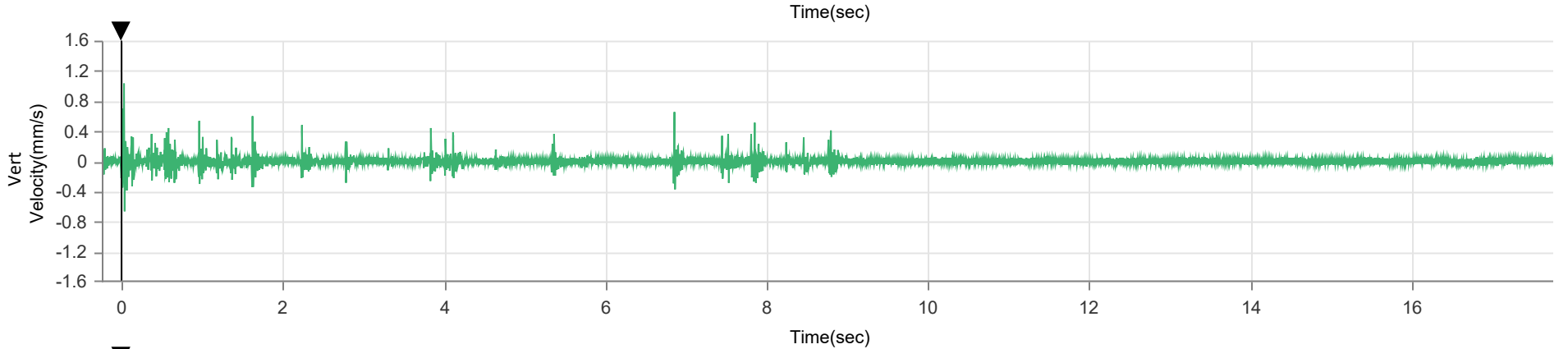


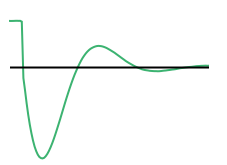
Sensor Check





✓ Passed





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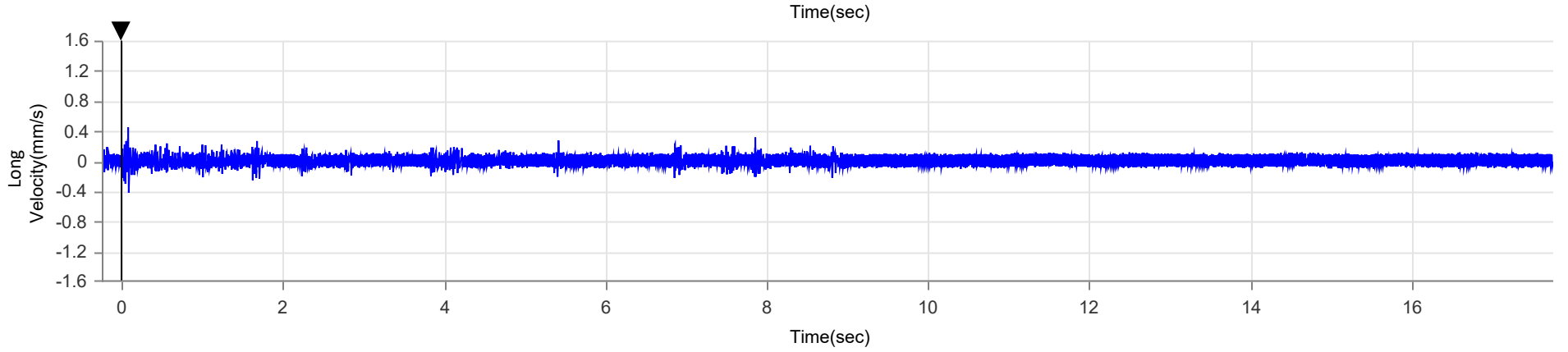
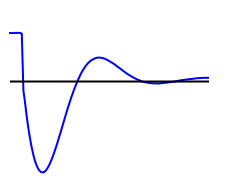




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 14:16:34	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/10.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221106141634.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

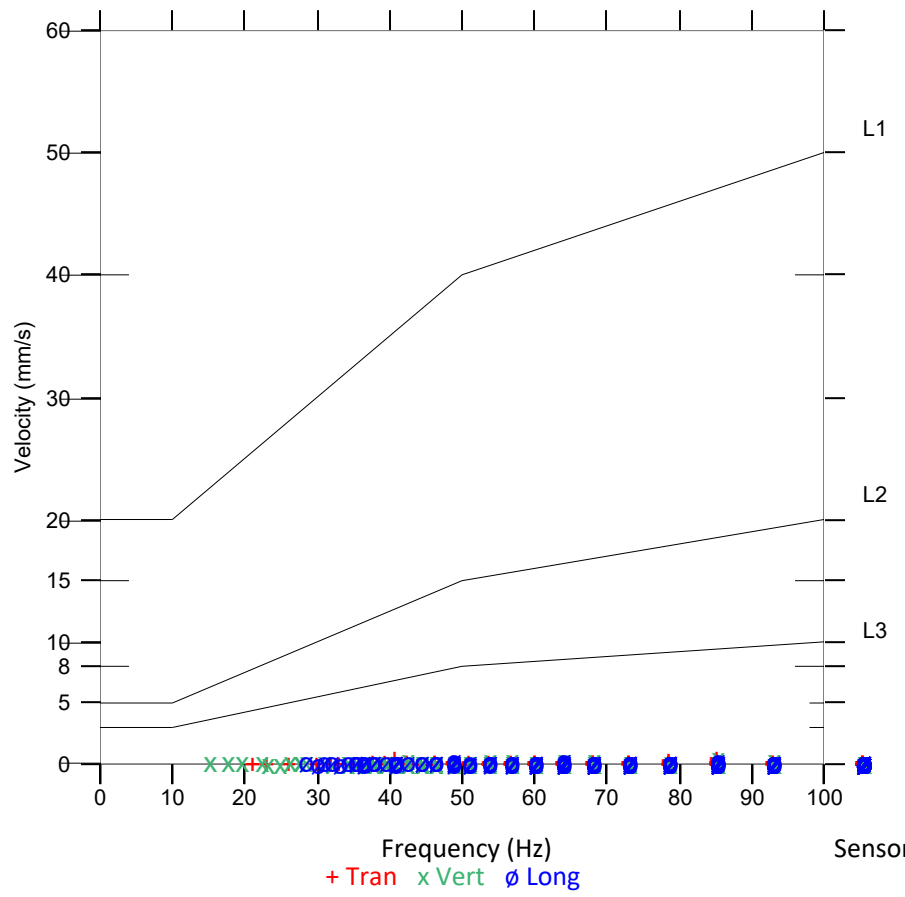
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

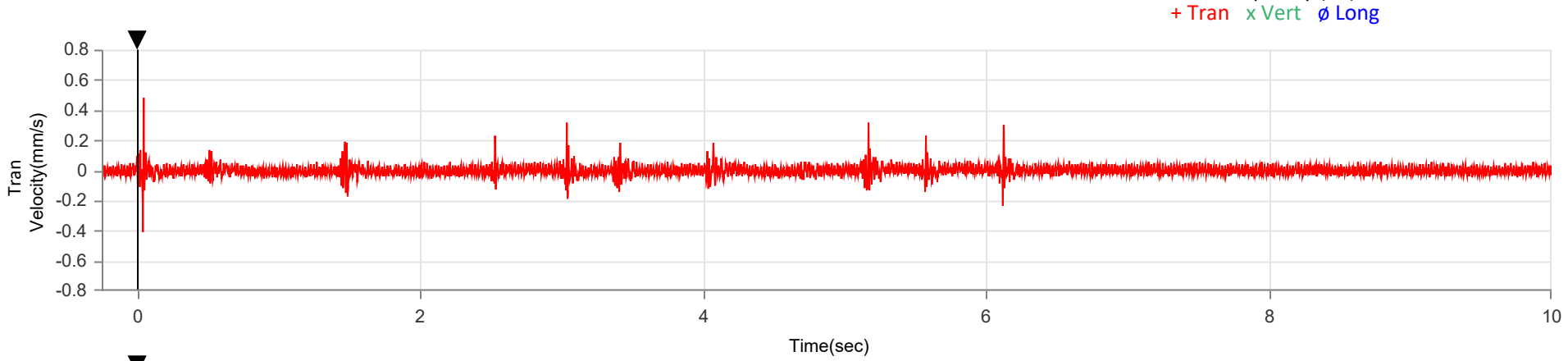
Post Event Notes No text to be displayed.

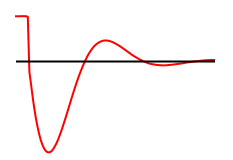
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.481 mm/s	0.528 mm/s	0.292 mm/s
Zero Crossing Frequency	85.3 Hz	85.3 Hz	64.0 Hz
Time (Relative to Trigger)	0.048 sec	0.000 sec	0.057 sec
Peak Acceleration	0.030 g	0.051 g	0.020 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.537 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

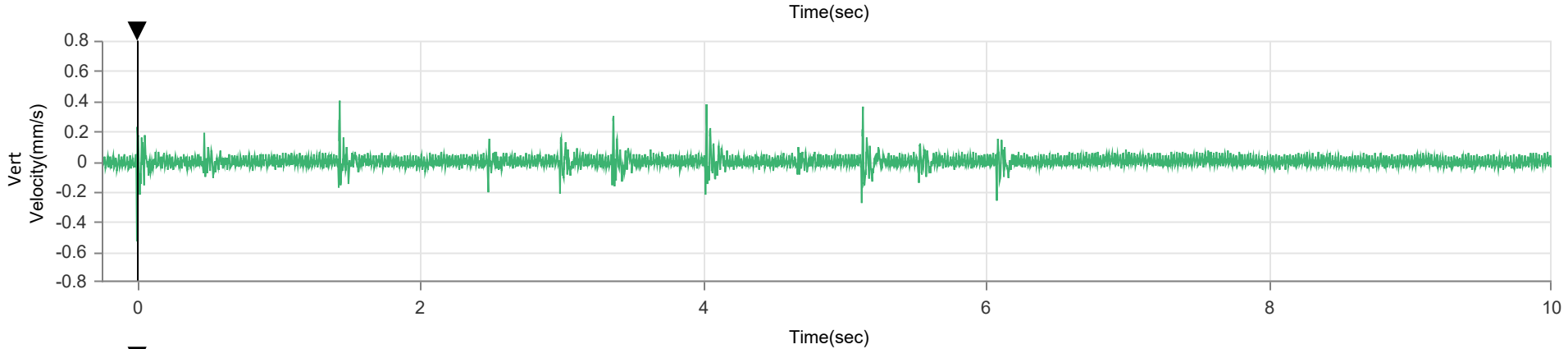


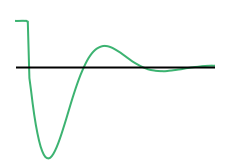
Sensor Check





✓ Passed





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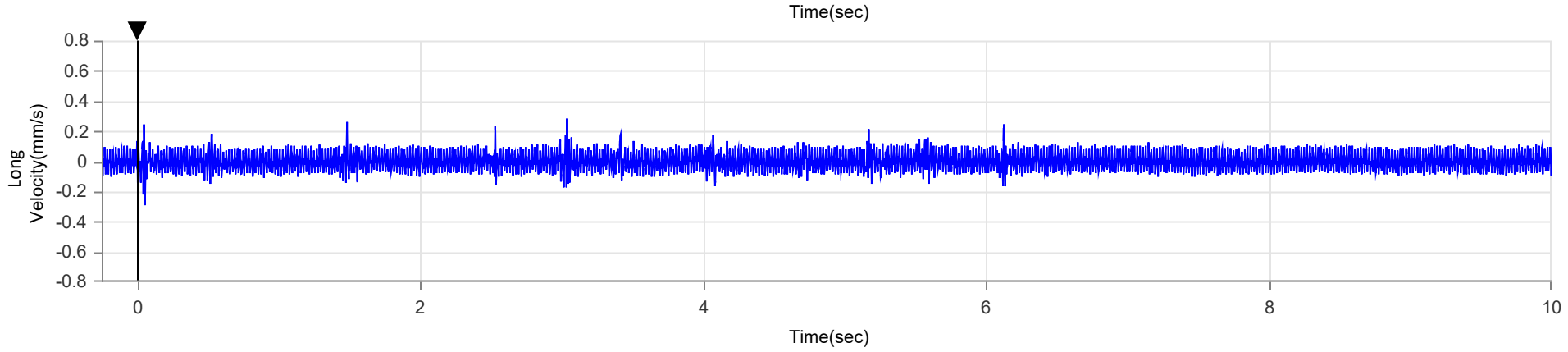
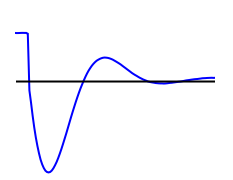




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 19:16:24	**Serial Number**	UM18300
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90
Pre-Trigger/Record Time	0.25 sec/19.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM18300_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

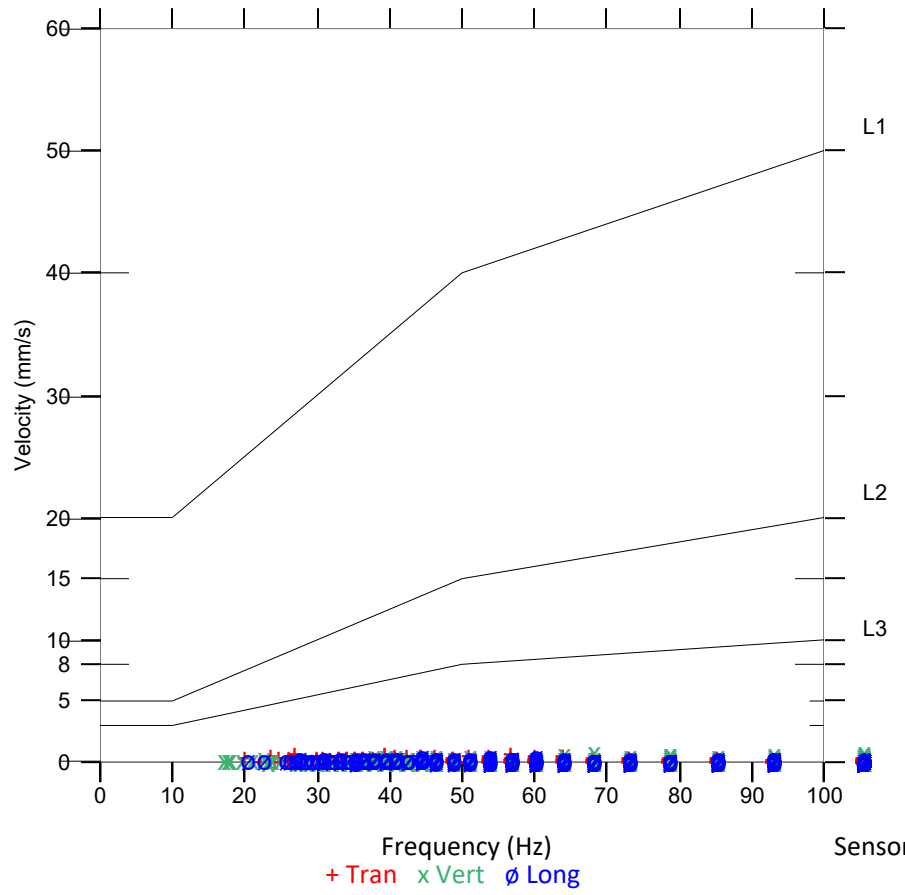
Notes

Location	MM-21, Plavje 44a
Client	
Company	
General Notes	

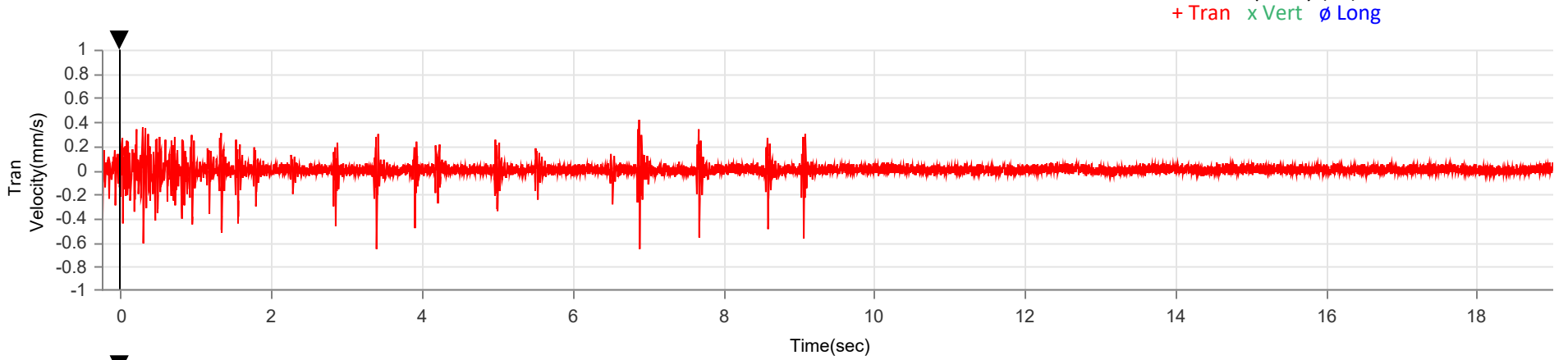
Post Event Notes No text to be displayed.

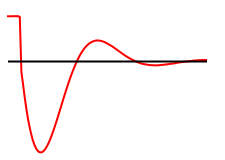
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.654 mm/s	0.828 mm/s	0.552 mm/s
Zero Crossing Frequency	56.9 Hz	68.3 Hz	46.5 Hz
Time (Relative to Trigger)	3.399 sec	0.815 sec	6.895 sec
Peak Acceleration	0.048 g	0.102 g	0.026 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.3	4.2	3.7
Peak Vector Sum	0.905 mm/s at 6.895 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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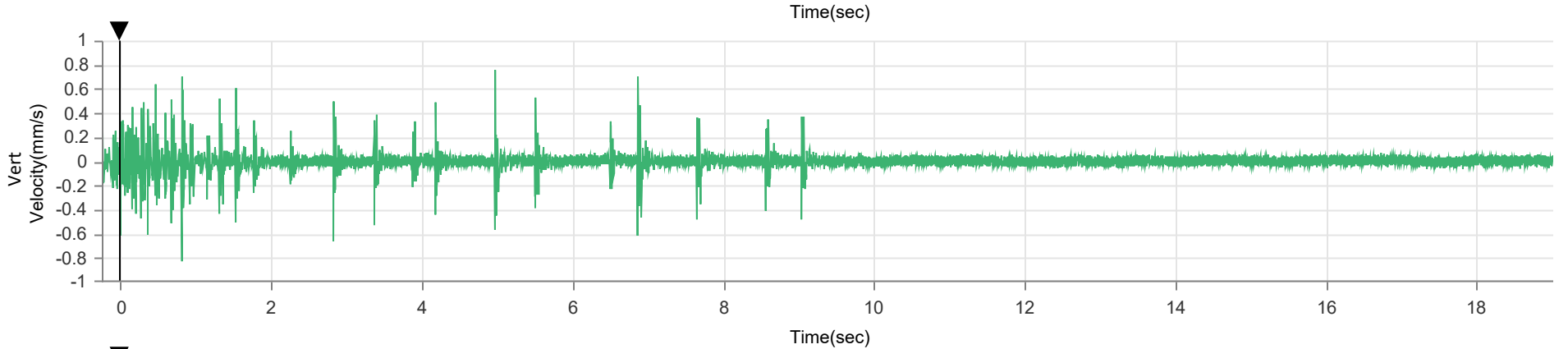

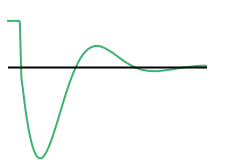

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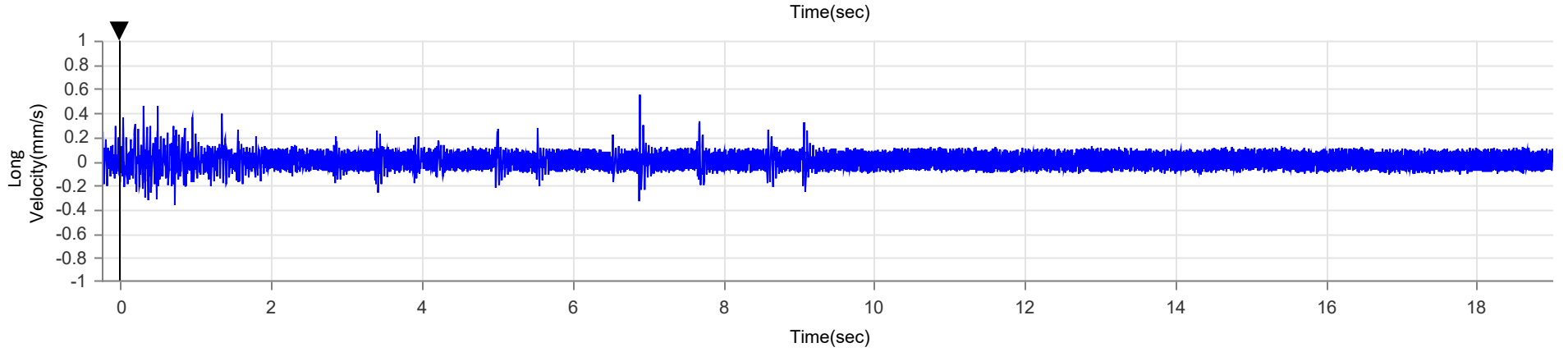

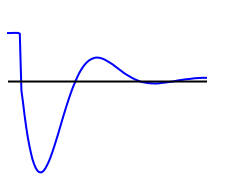

✓ Passed

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PRILOGA 1.9:
Rezultati meritev

- MM-22 (Plavje 43/43a) -

Waveform Trigger Source	Long at November 1, 2022 12:57:31	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221101125731.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

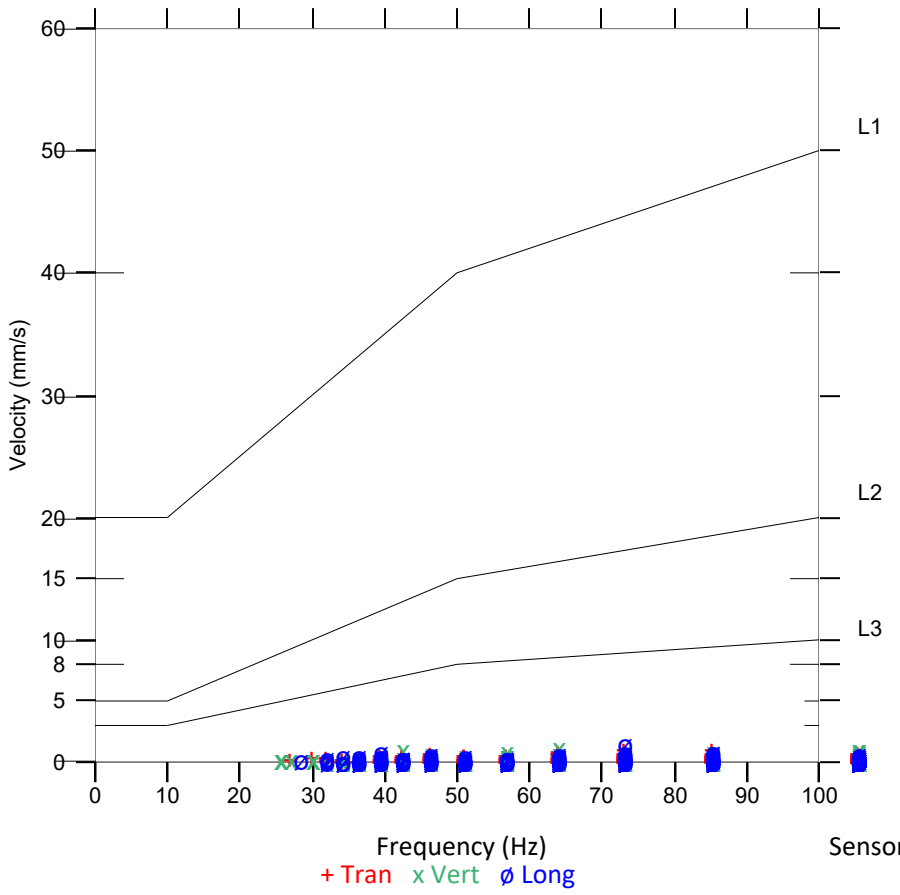
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

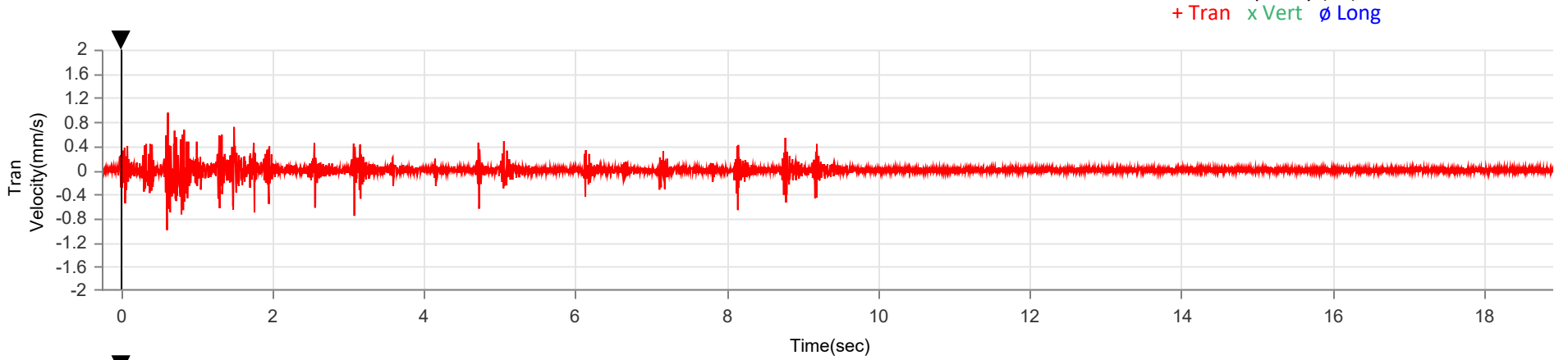
Post Event Notes No text to be displayed.

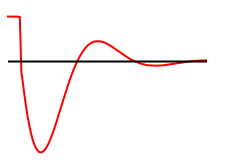
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.993 mm/s	1.174 mm/s	1.474 mm/s
Zero Crossing Frequency	73.1 Hz	64.0 Hz	73.1 Hz
Time (Relative to Trigger)	0.611 sec	0.617 sec	0.611 sec
Peak Acceleration	0.053 g	0.109 g	0.063 g
Peak Displacement	0.002 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.914 mm/s at 0.611 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

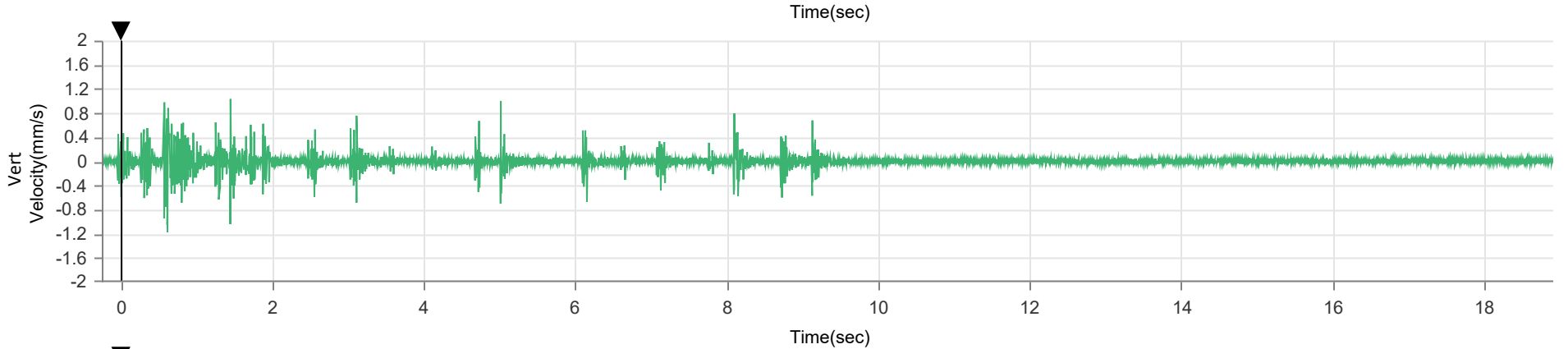


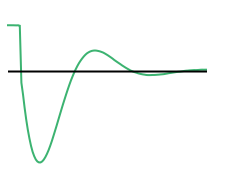
Sensor Check





✓ Passed





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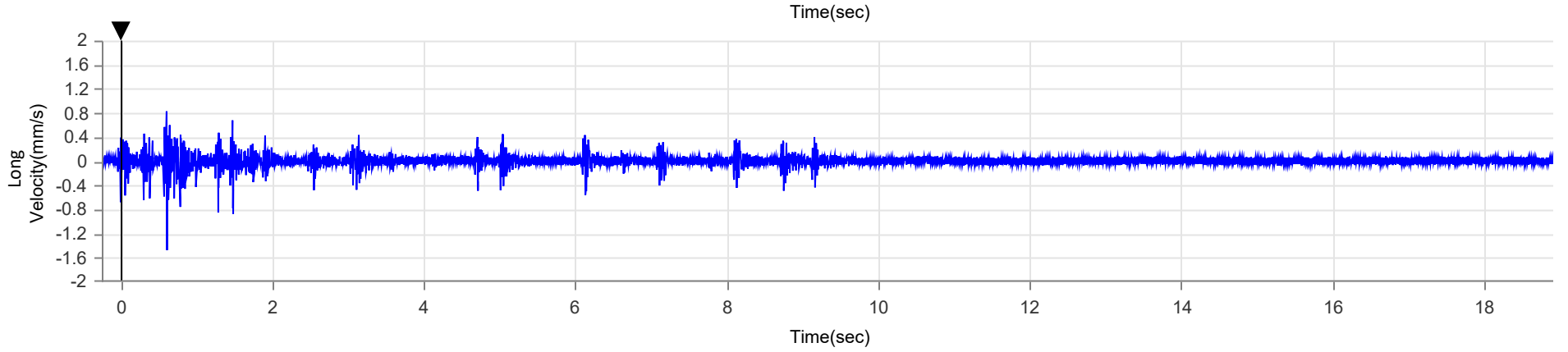

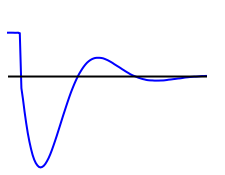

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 13:00:10	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

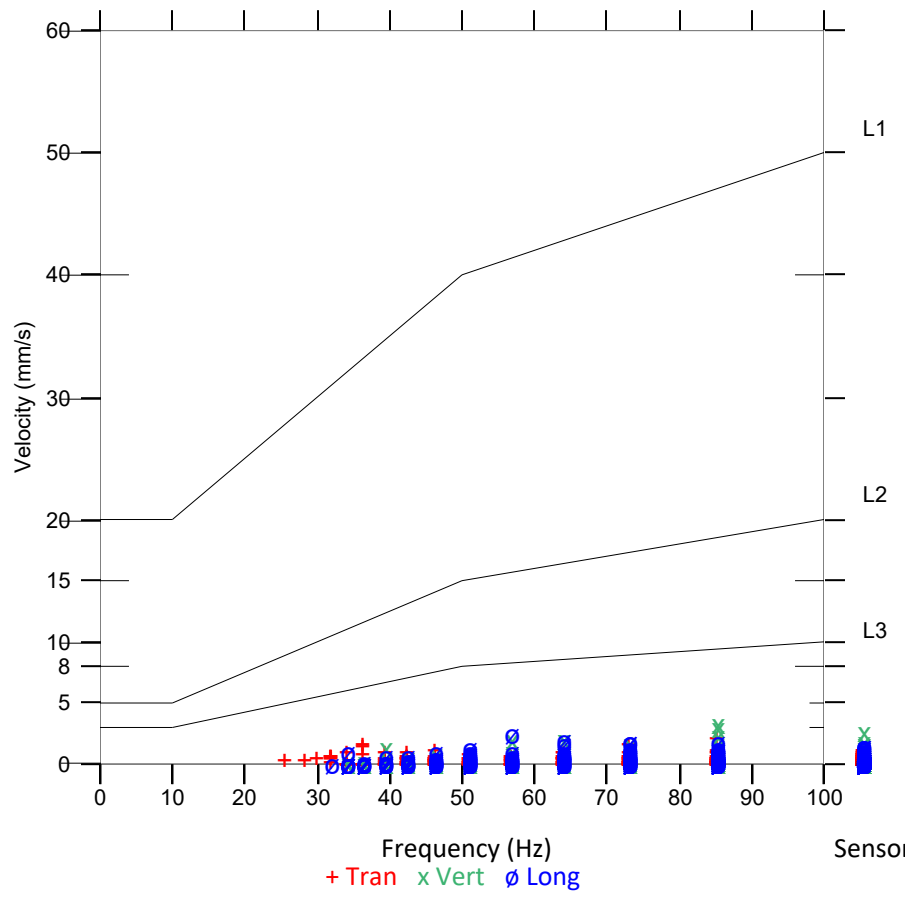
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

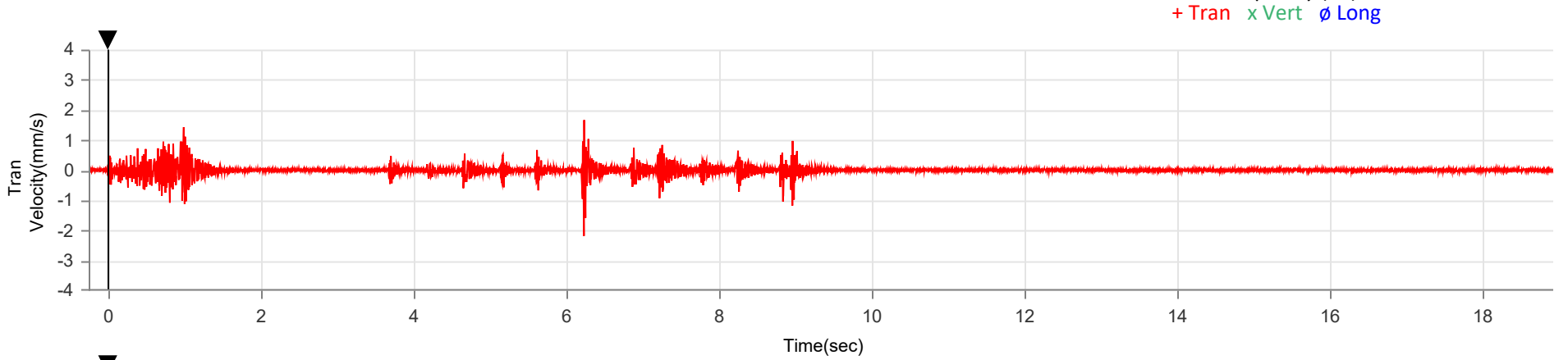
Post Event Notes No text to be displayed.

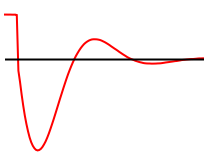
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.183 mm/s	3.342 mm/s	2.404 mm/s
Zero Crossing Frequency	85.3 Hz	85.3 Hz	56.9 Hz
Time (Relative to Trigger)	6.236 sec	0.960 sec	6.230 sec
Peak Acceleration	0.137 g	0.266 g	0.128 g
Peak Displacement	0.004 mm	0.006 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	3.575 mm/s at 0.960 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

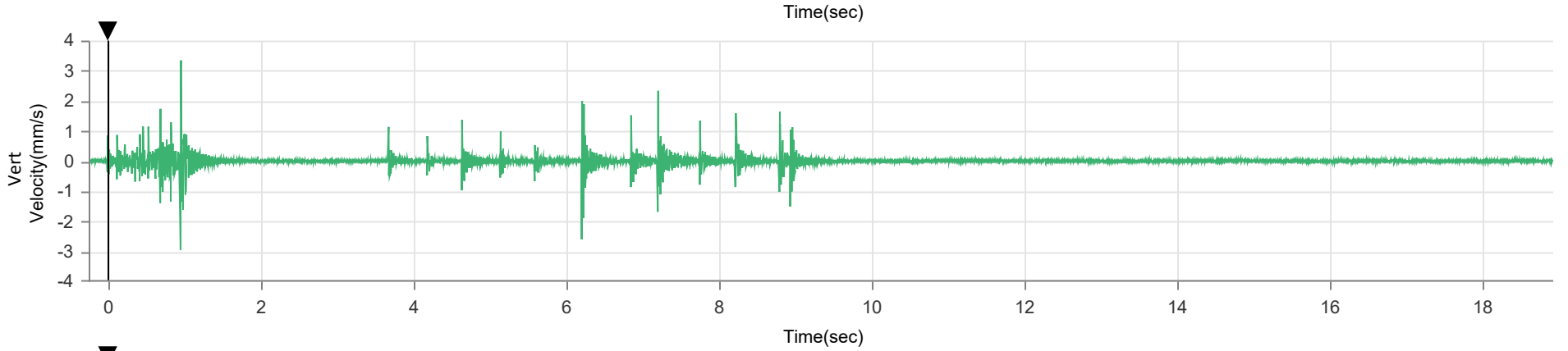


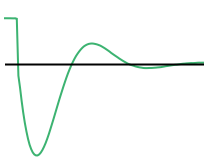
Sensor Check



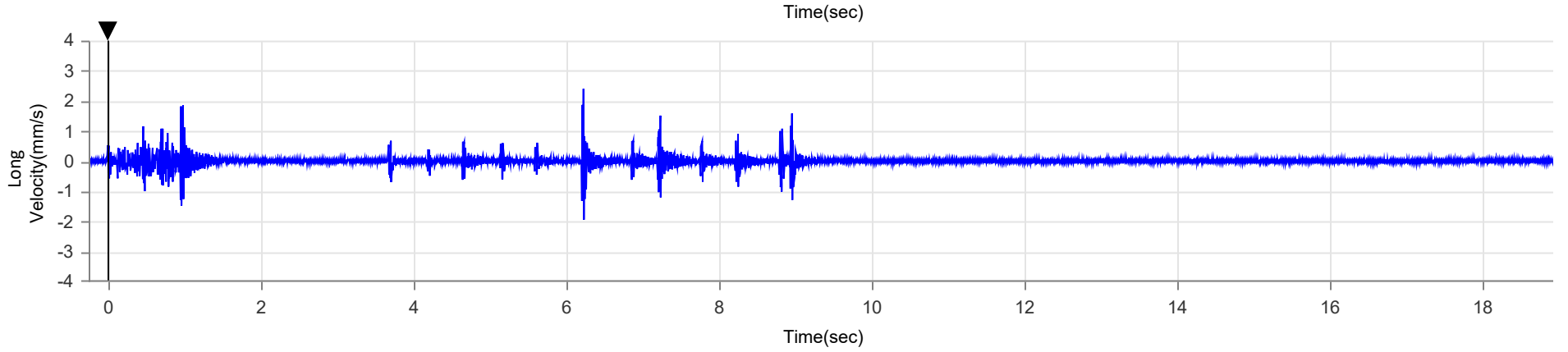


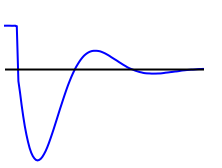
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:15	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221101151915.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

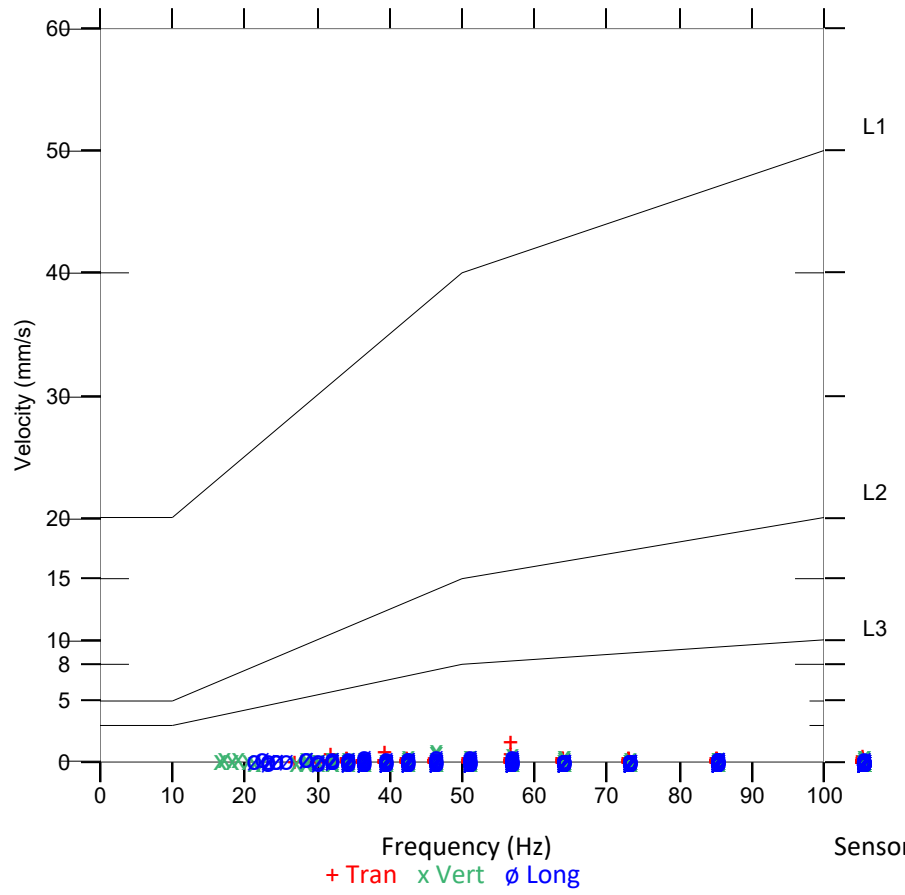
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

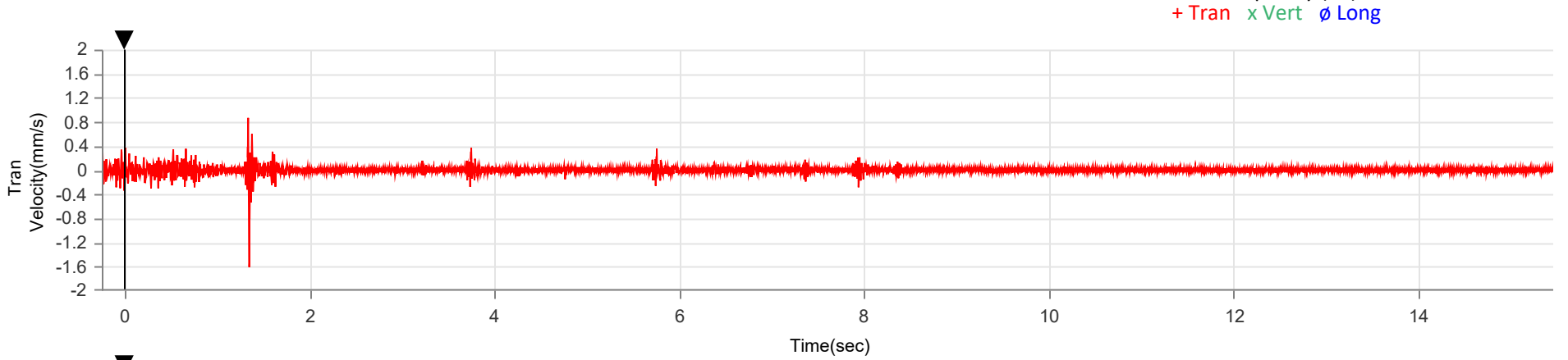
Post Event Notes No text to be displayed.

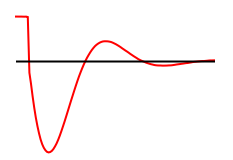
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.608 mm/s	0.930 mm/s	0.497 mm/s
Zero Crossing Frequency	56.9 Hz	46.5 Hz	56.9 Hz
Time (Relative to Trigger)	1.347 sec	1.339 sec	1.309 sec
Peak Acceleration	0.054 g	0.053 g	0.025 g
Peak Displacement	0.004 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.669 mm/s at 1.347 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

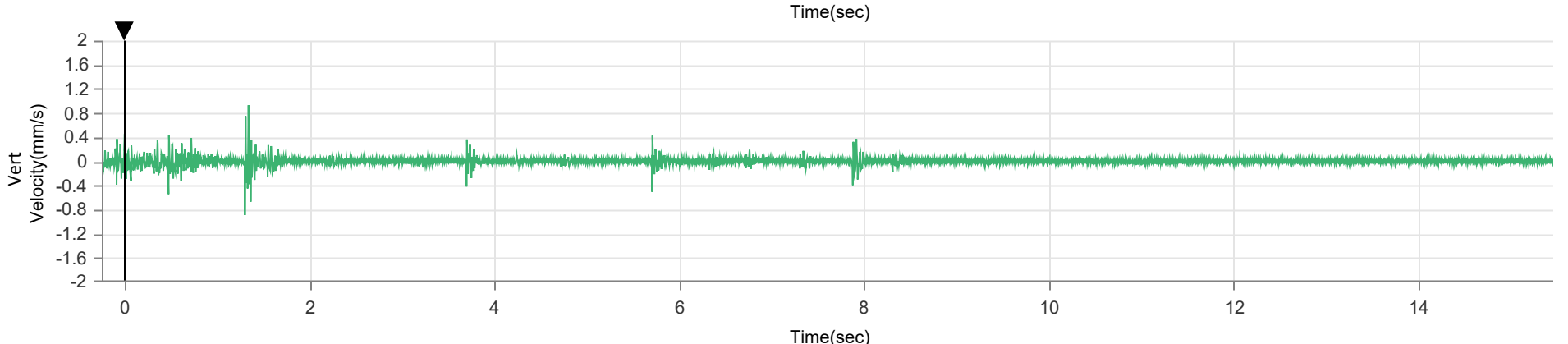


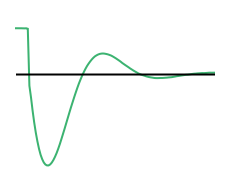
Sensor Check





✓ Passed





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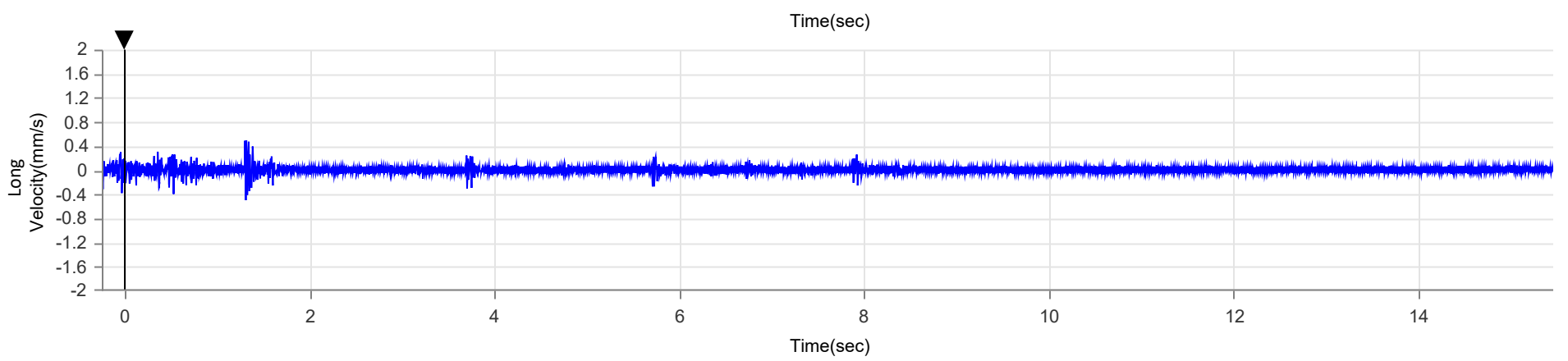
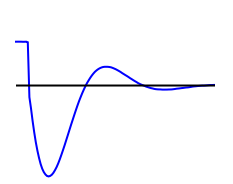




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 10:17:43	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221102101743.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

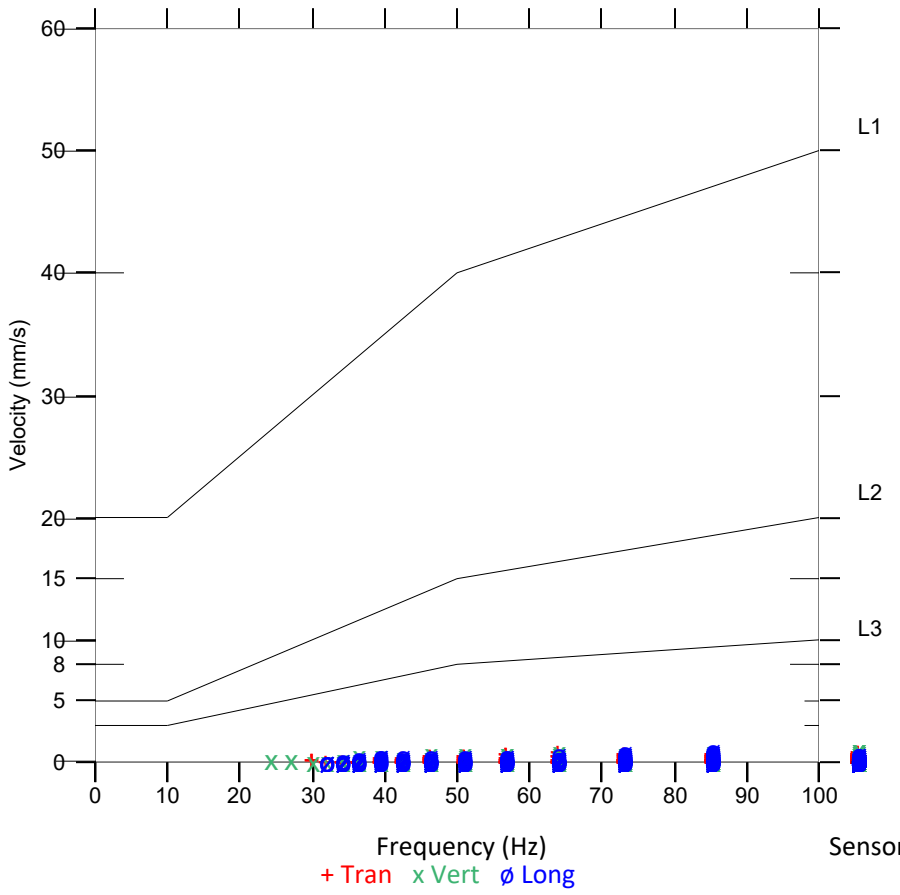
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

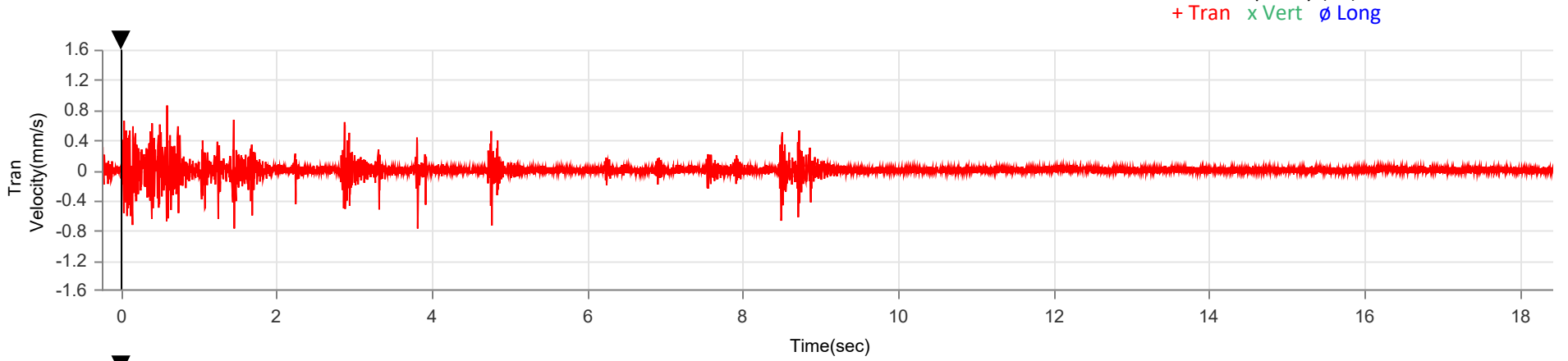
Post Event Notes No text to be displayed.

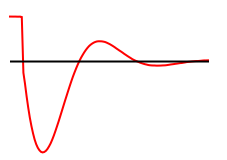
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.859 mm/s	1.033 mm/s	0.930 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	85.3 Hz
Time (Relative to Trigger)	0.592 sec	4.723 sec	0.034 sec
Peak Acceleration	0.054 g	0.105 g	0.047 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.255 mm/s at 8.497 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

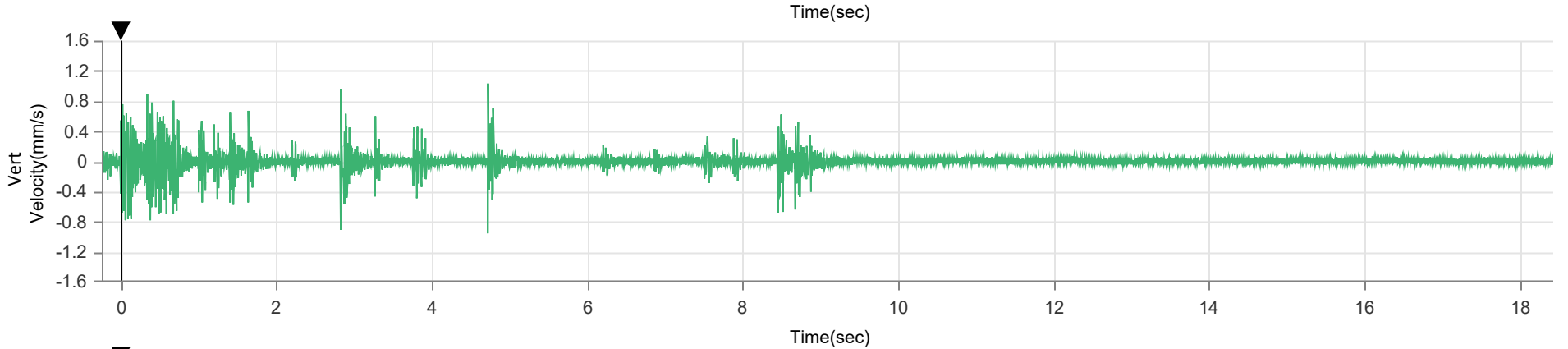


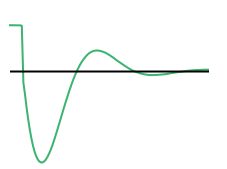
Sensor Check





✓ Passed





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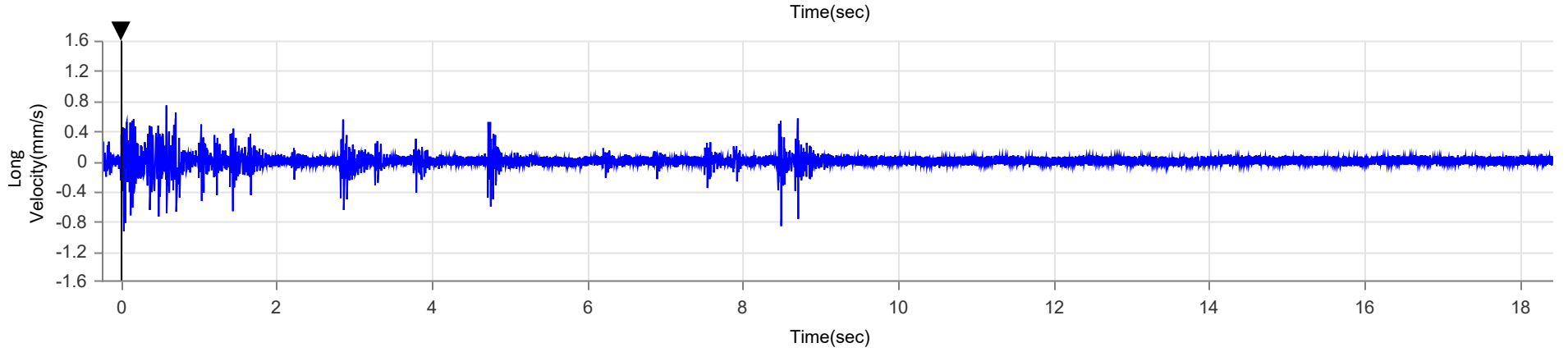

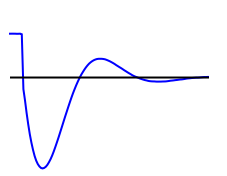

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 11:24:58	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221102112458.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

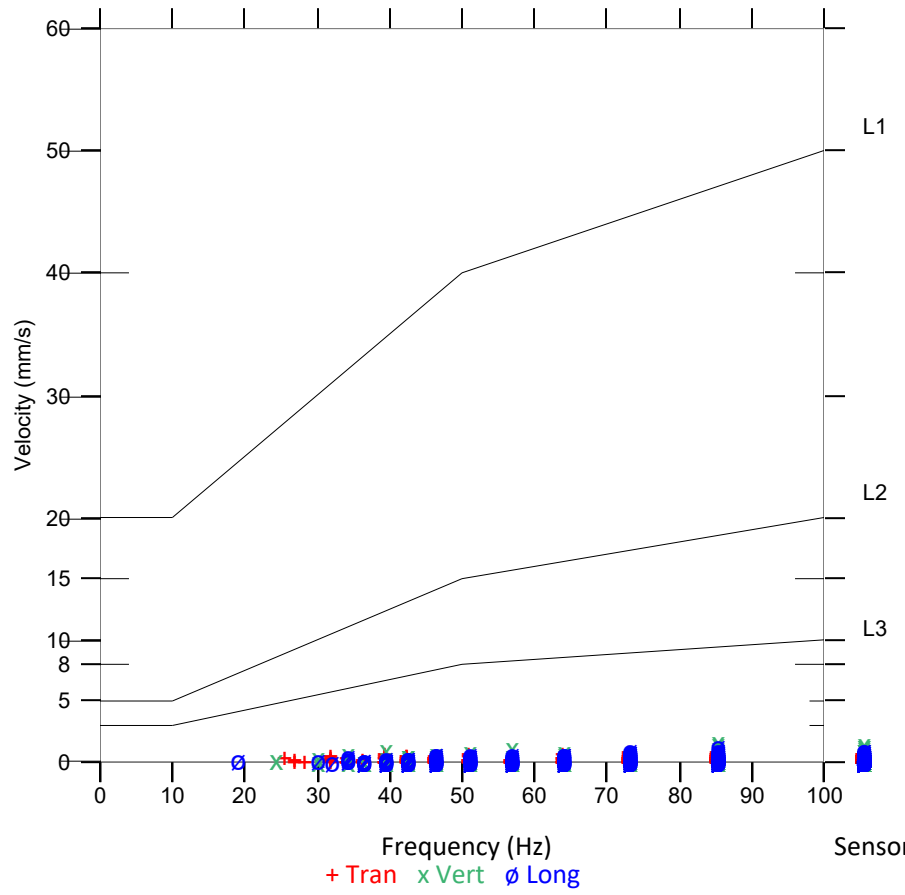
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

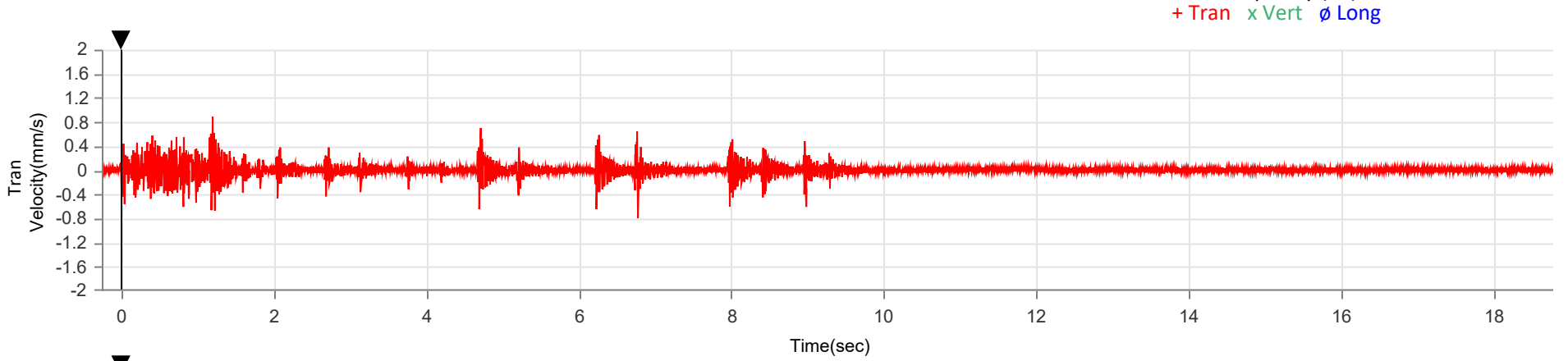
Post Event Notes No text to be displayed.

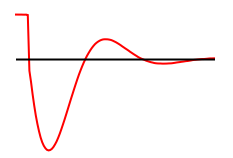
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.891 mm/s	1.616 mm/s	1.230 mm/s
Zero Crossing Frequency	64.0 Hz	85.3 Hz	85.3 Hz
Time (Relative to Trigger)	1.205 sec	1.169 sec	6.758 sec
Peak Acceleration	0.052 g	0.129 g	0.072 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.678 mm/s at 1.170 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

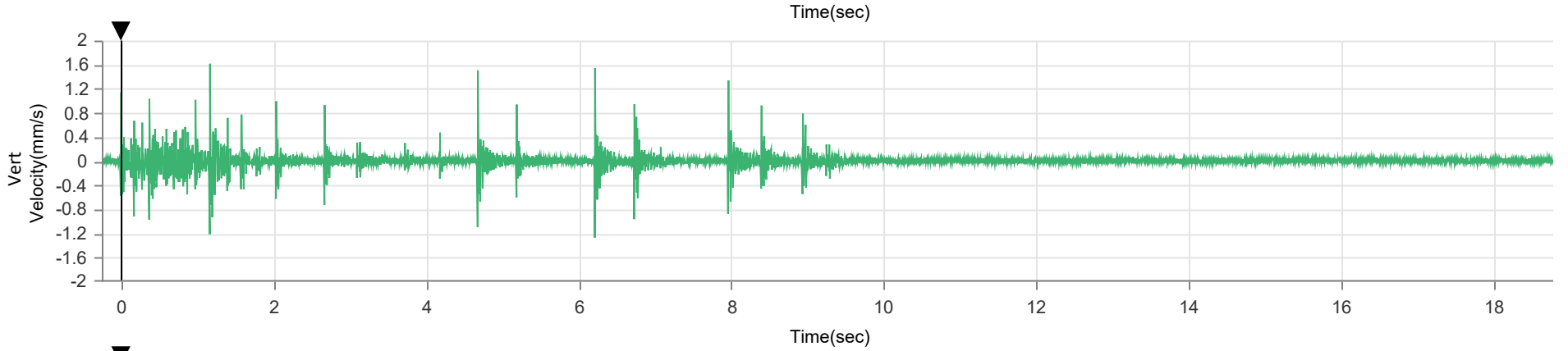


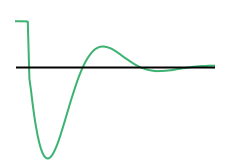
Sensor Check



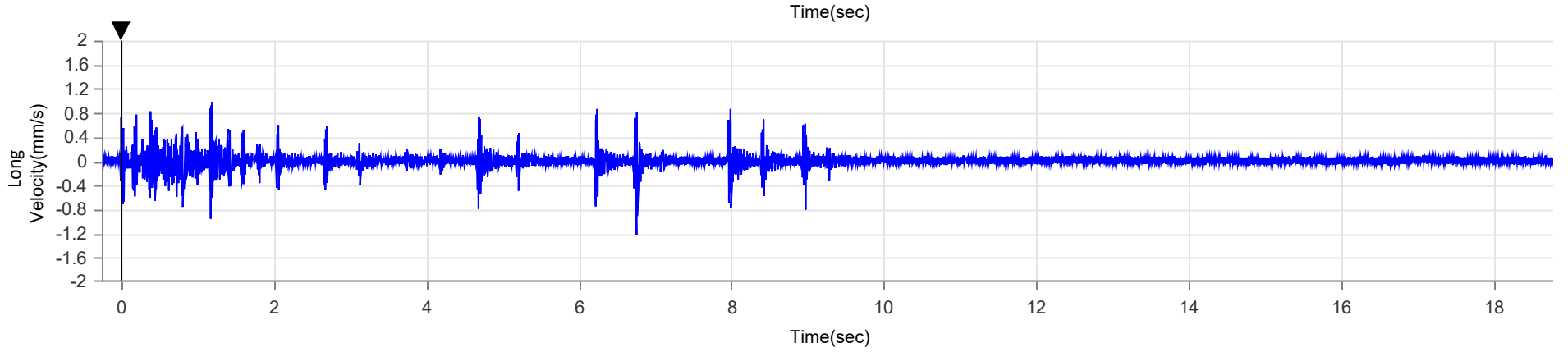


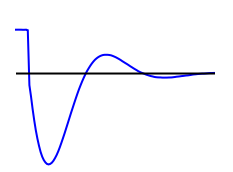
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

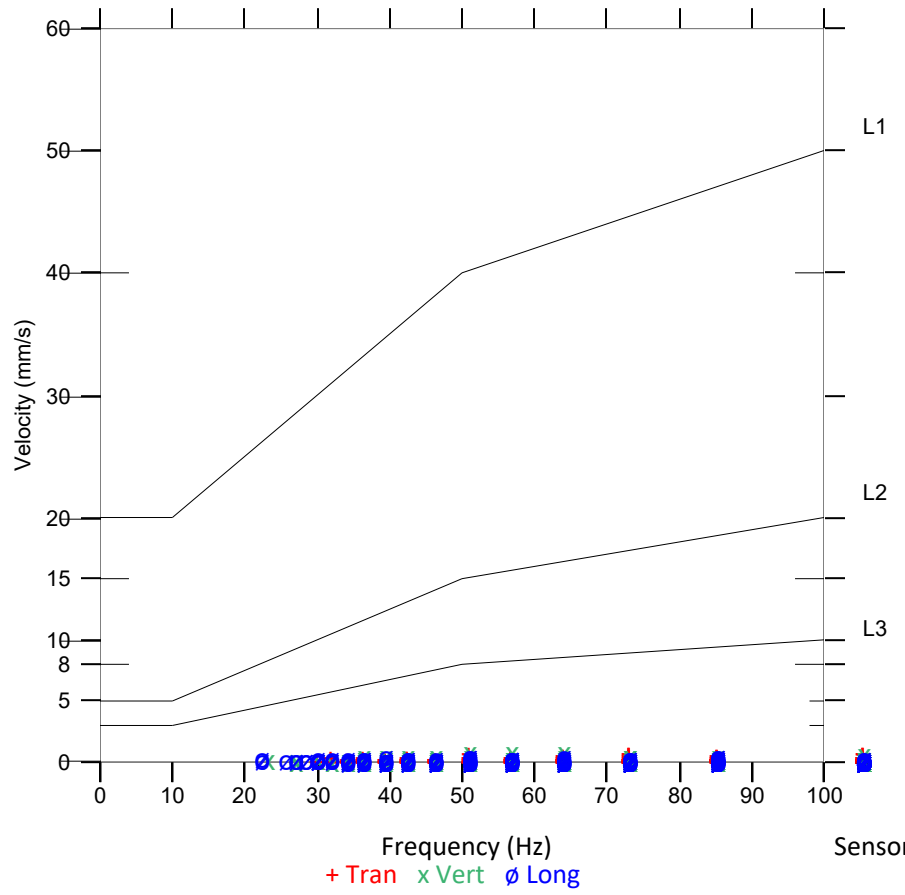
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

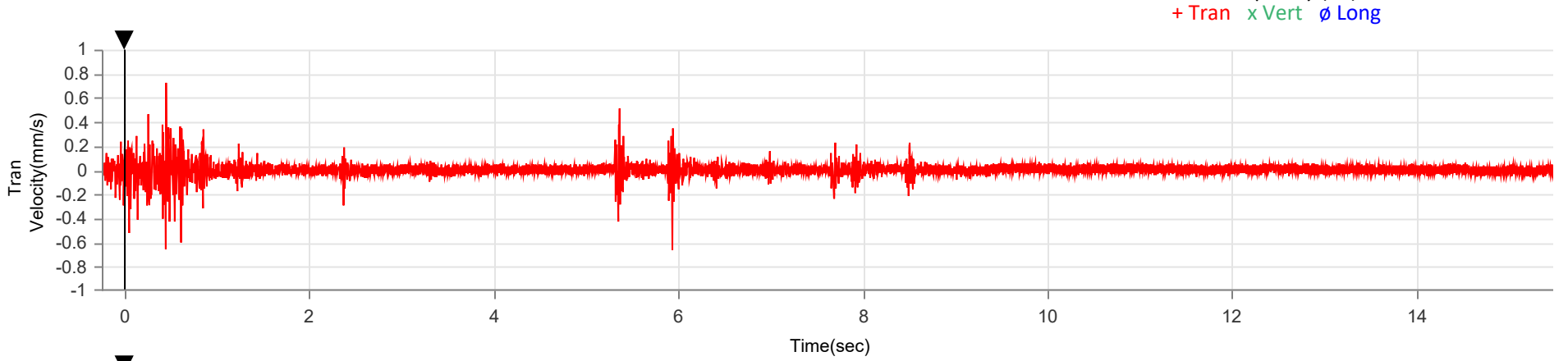
Post Event Notes No text to be displayed.

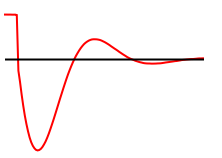
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.725 mm/s	0.835 mm/s	0.520 mm/s
Zero Crossing Frequency	>100 Hz	64.0 Hz	51.2 Hz
Time (Relative to Trigger)	0.448 sec	0.405 sec	0.410 sec
Peak Acceleration	0.047 g	0.075 g	0.031 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.980 mm/s at 0.405 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

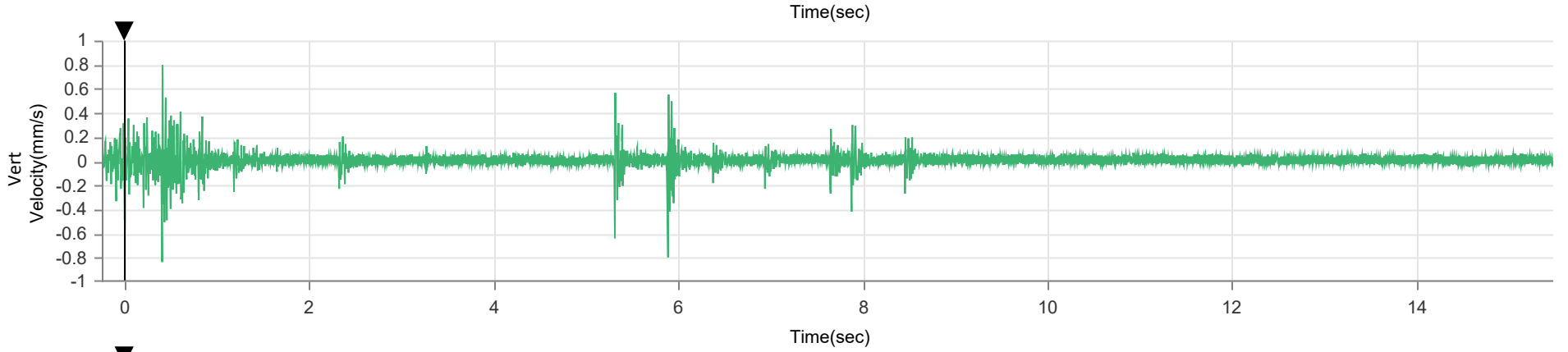


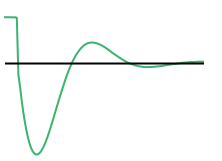
Sensor Check





✓ Passed





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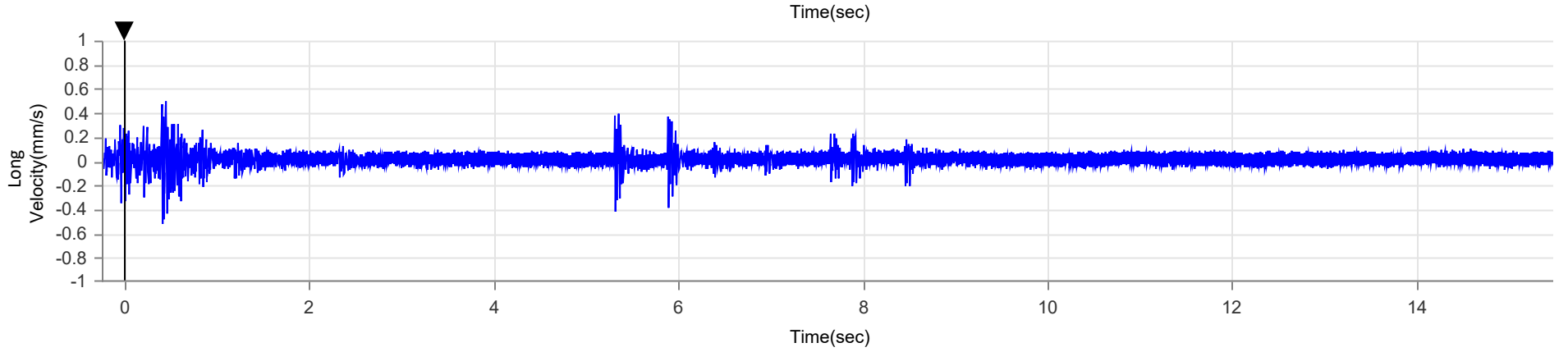
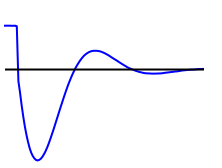




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 2, 2022 15:31:13	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

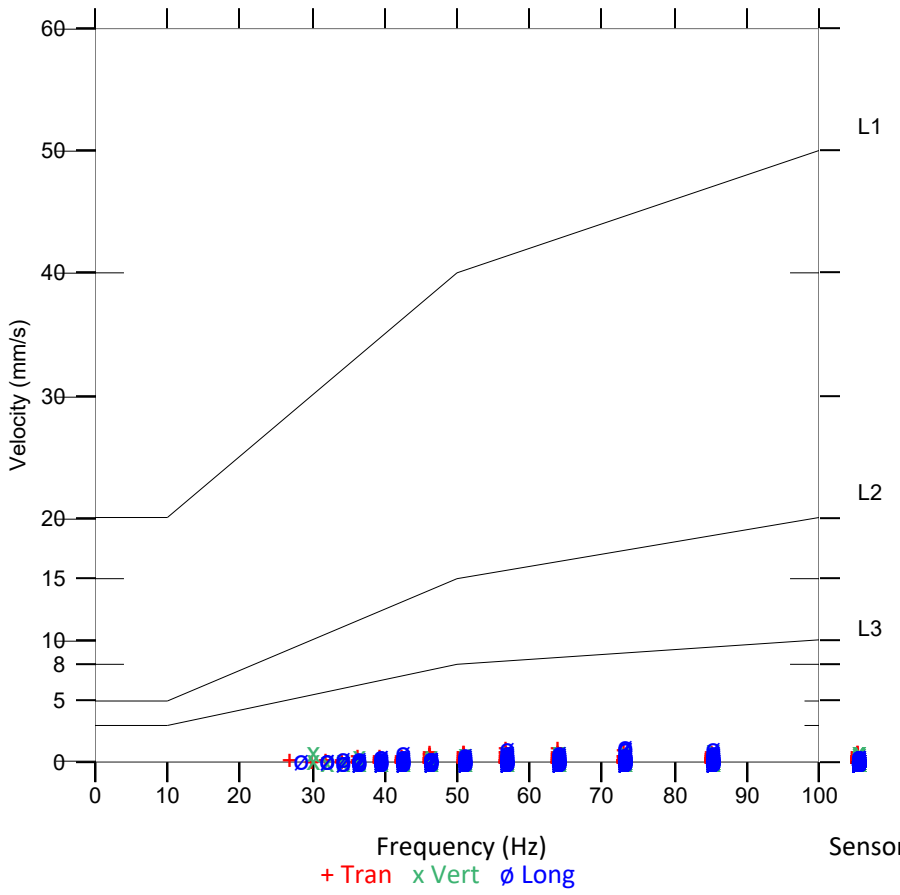
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

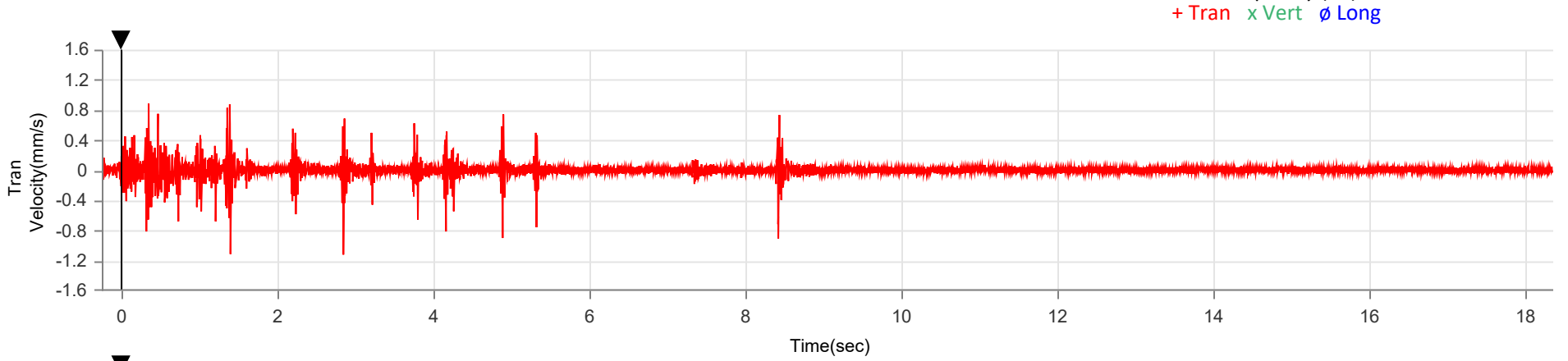
Post Event Notes No text to be displayed.

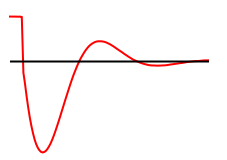
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.119 mm/s	1.001 mm/s	1.230 mm/s
Zero Crossing Frequency	64.0 Hz	85.3 Hz	73.1 Hz
Time (Relative to Trigger)	2.849 sec	8.384 sec	0.322 sec
Peak Acceleration	0.048 g	0.080 g	0.069 g
Peak Displacement	0.003 mm	0.002 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.714 mm/s at 0.322 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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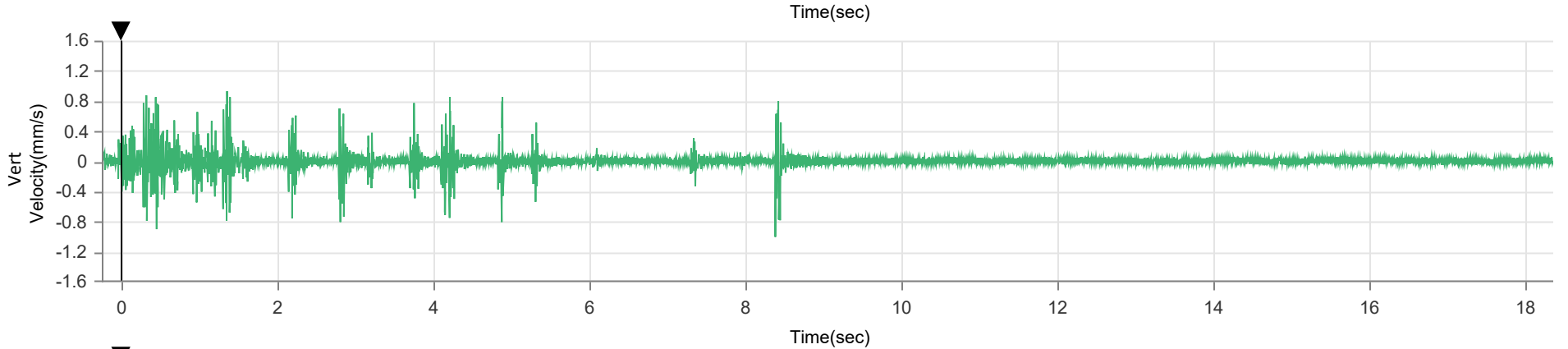

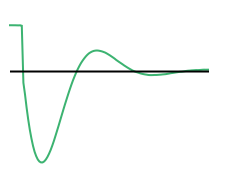

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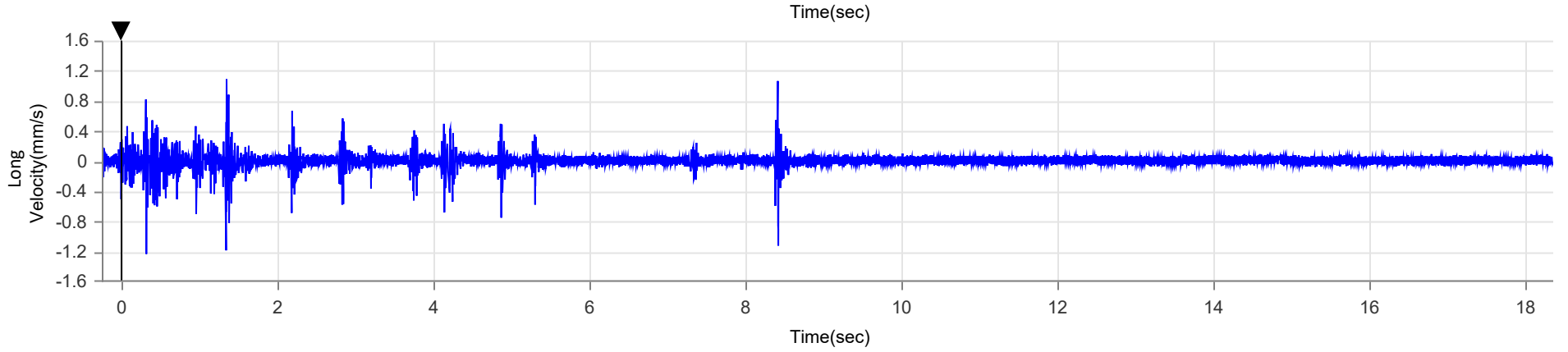
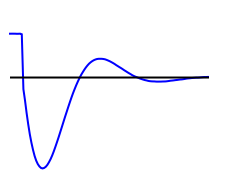




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 3, 2022 10:57:48	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221103105748.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

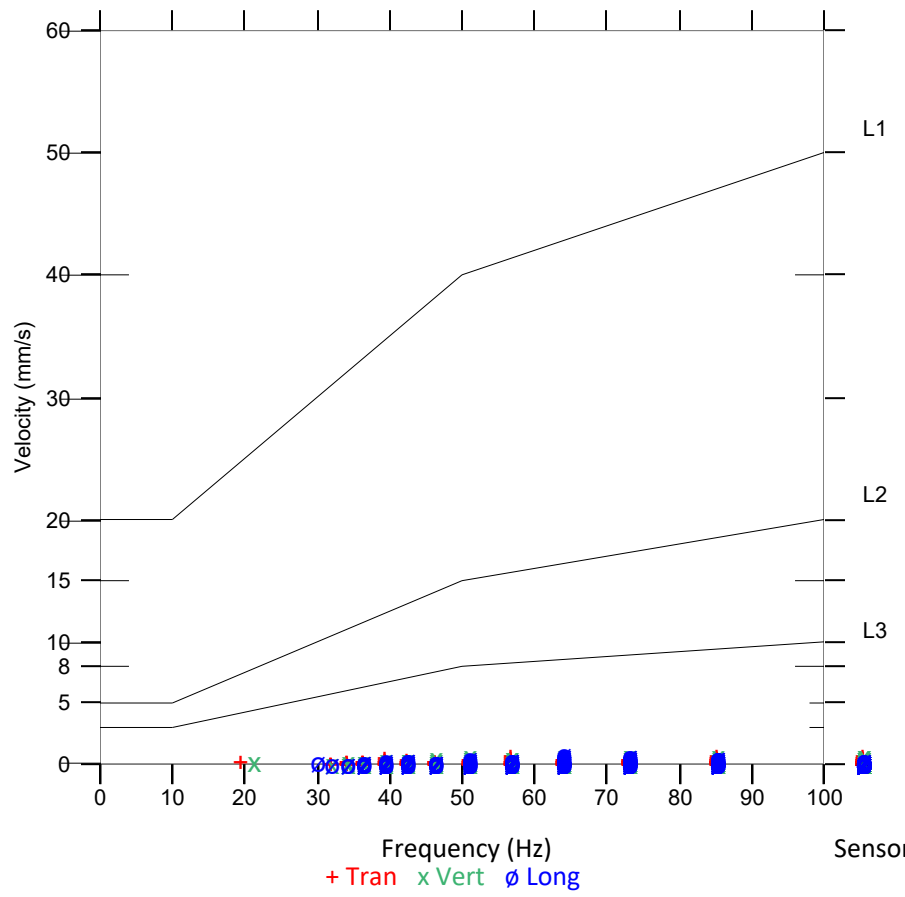
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

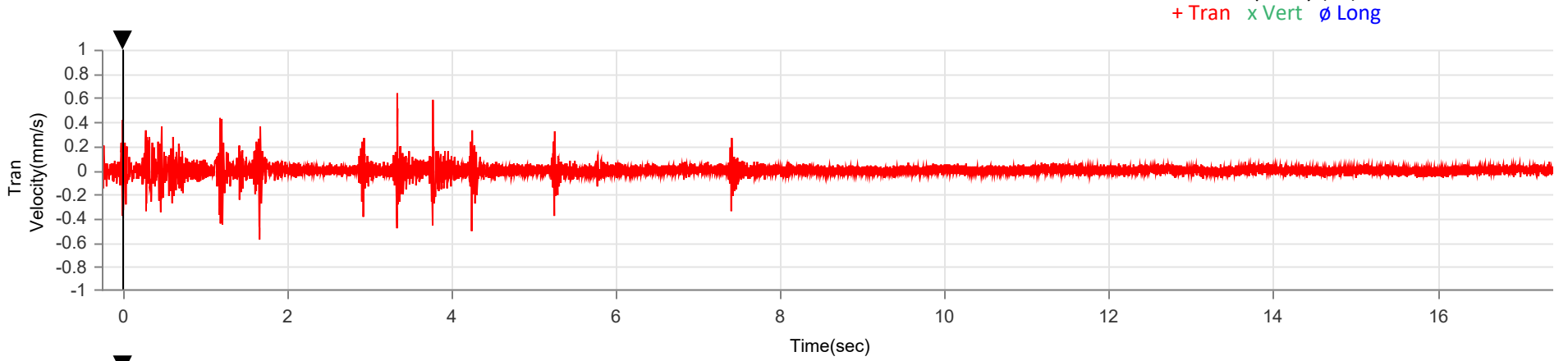
Post Event Notes No text to be displayed.

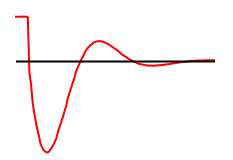
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.638 mm/s	0.733 mm/s	0.749 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	3.347 sec	1.617 sec	0.002 sec
Peak Acceleration	0.040 g	0.059 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.975 mm/s at 1.191 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

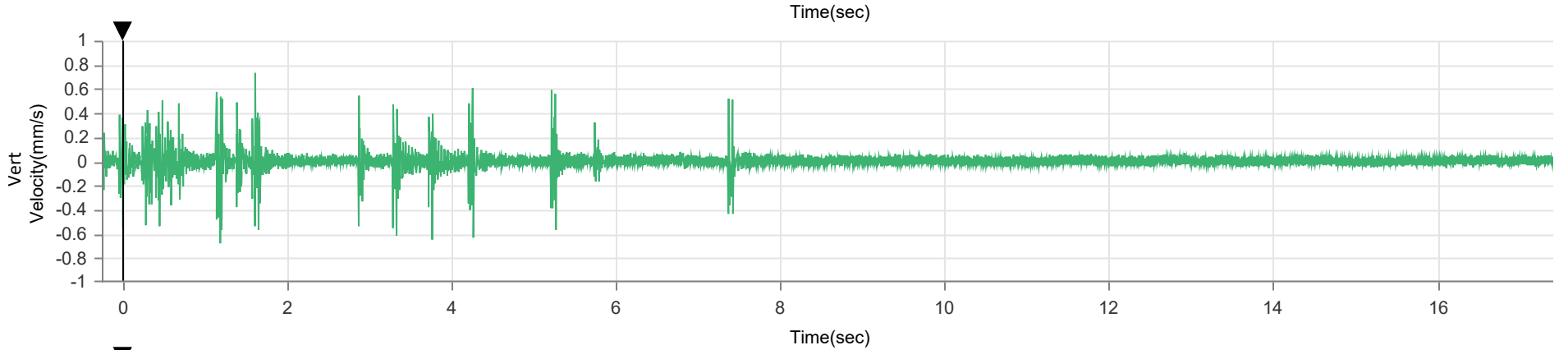


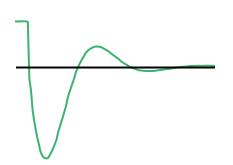
Sensor Check





✓ Passed





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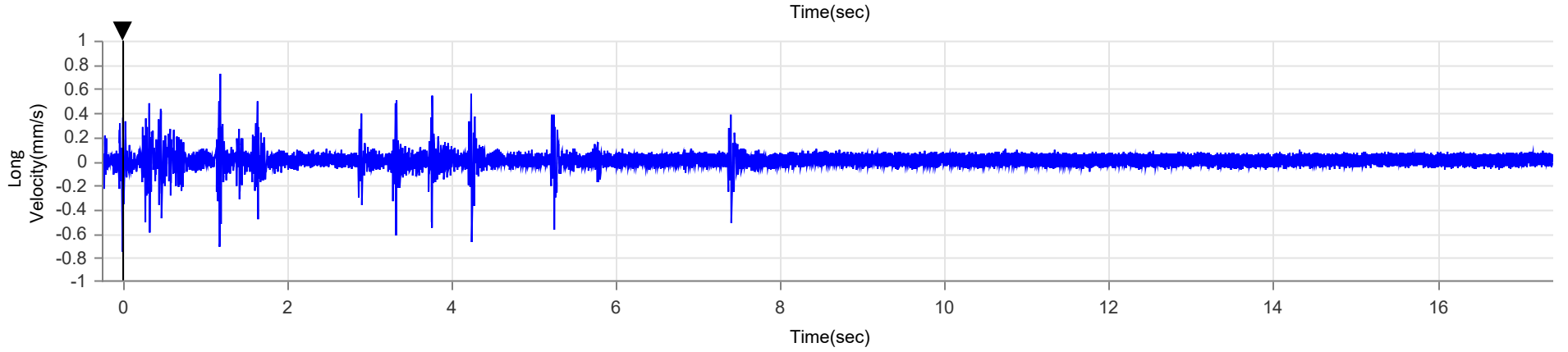
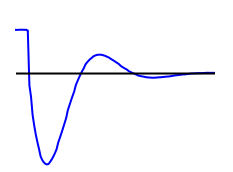




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:40	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

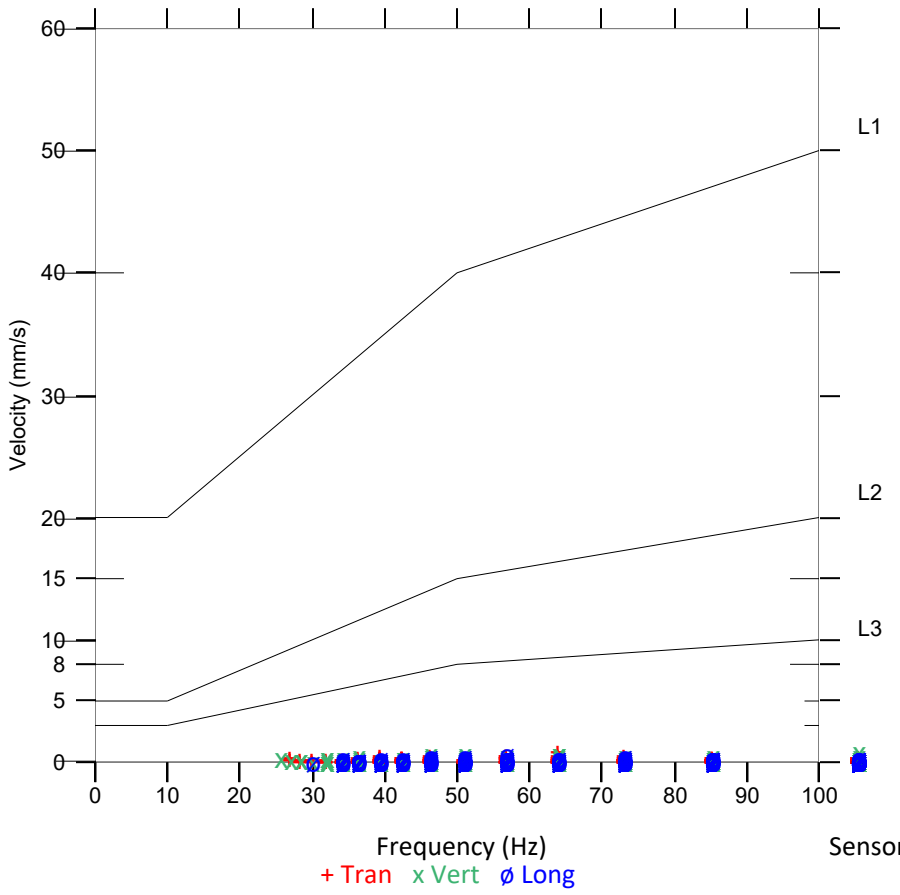
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

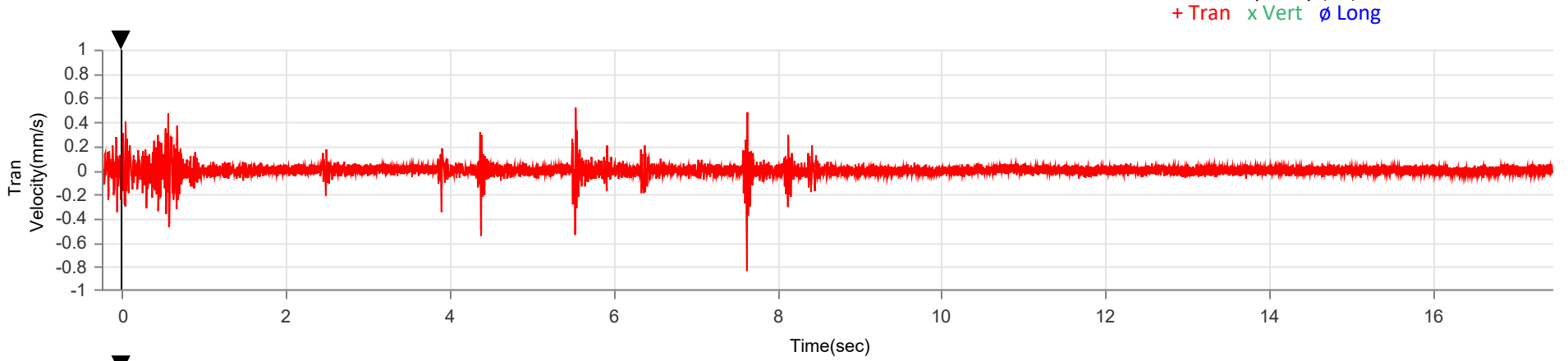
Post Event Notes No text to be displayed.

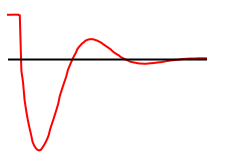
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.835 mm/s	0.804 mm/s	0.662 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	56.9 Hz
Time (Relative to Trigger)	7.628 sec	7.582 sec	5.534 sec
Peak Acceleration	0.033 g	0.065 g	0.030 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.887 mm/s at 7.582 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

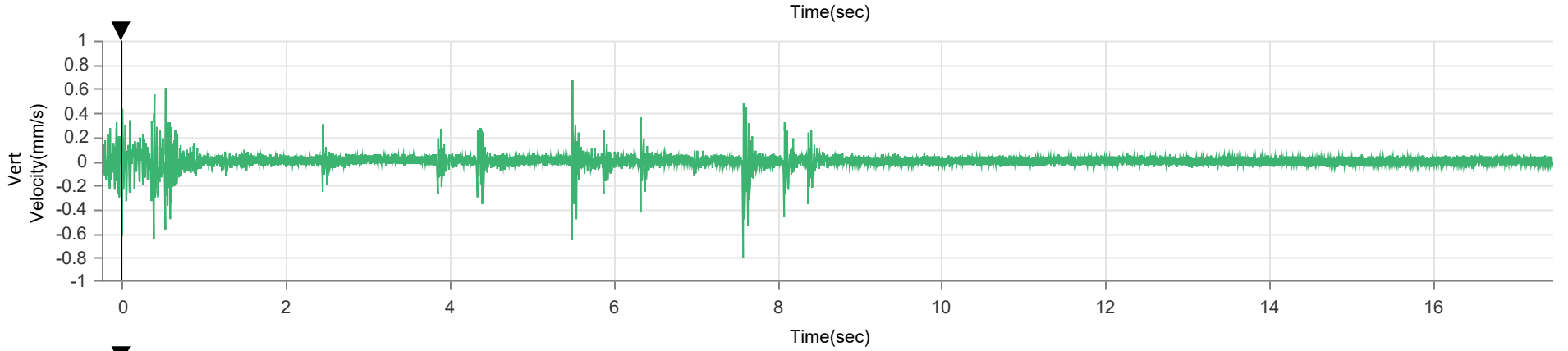


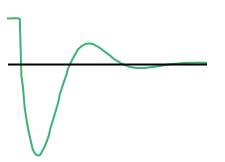
Sensor Check





✓ Passed





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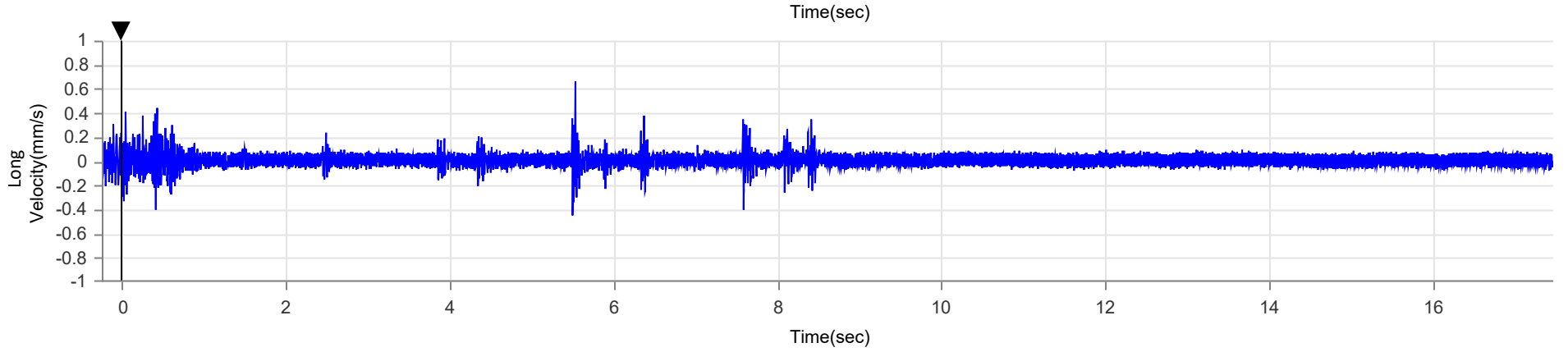

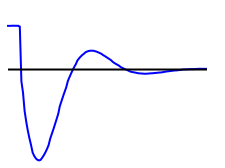

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 14:11:20	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221103141120.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

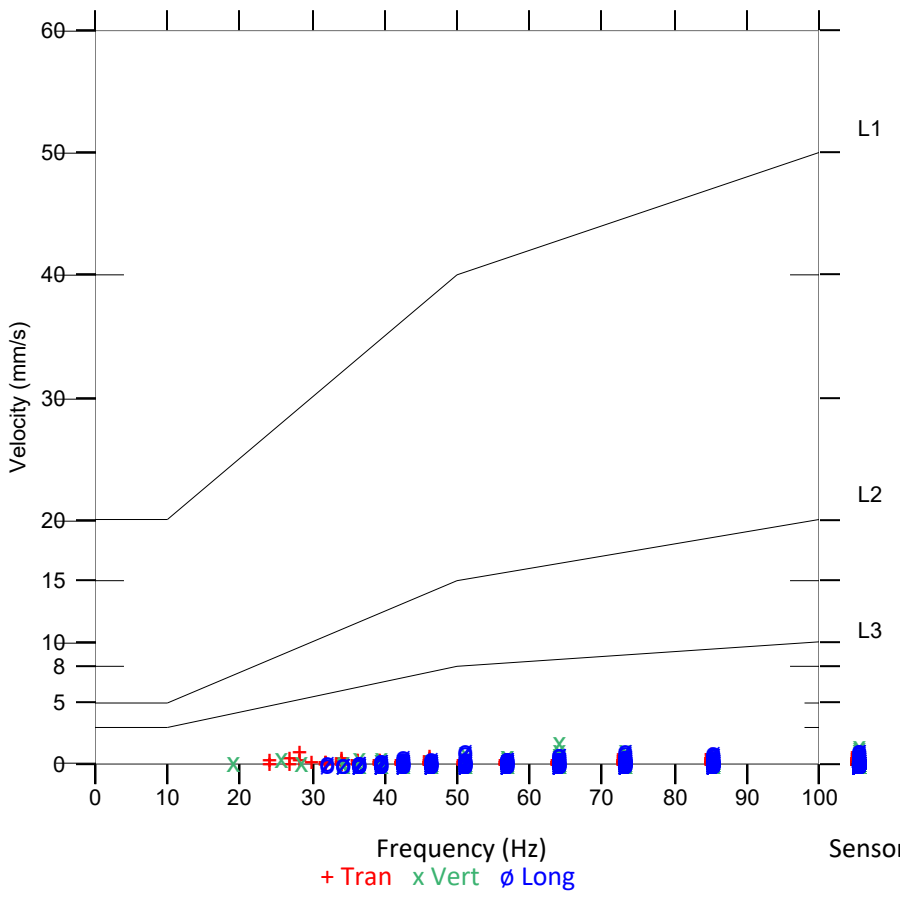
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

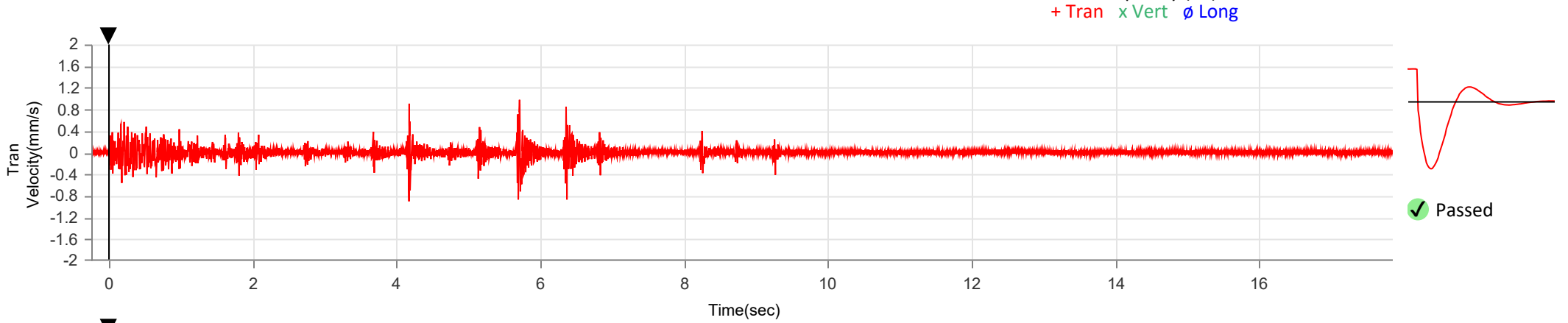
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.977 mm/s	1.813 mm/s	1.206 mm/s
Zero Crossing Frequency	28.4 Hz	64.0 Hz	73.1 Hz
Time (Relative to Trigger)	5.711 sec	5.676 sec	5.678 sec
Peak Acceleration	0.064 g	0.146 g	0.069 g
Peak Displacement	0.004 mm	0.004 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	2.052 mm/s at 5.676 sec		

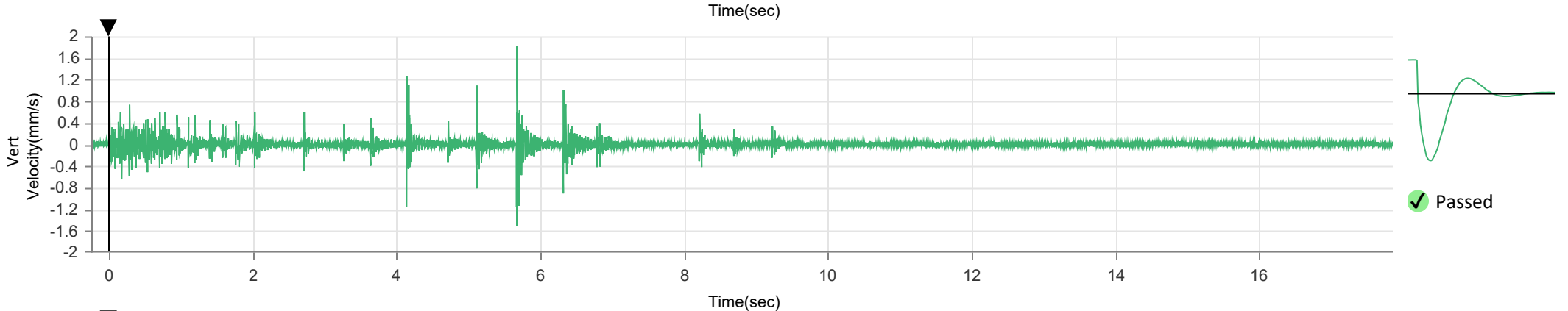
DIN4150
Velocity versus Frequency (Zero Crossing)



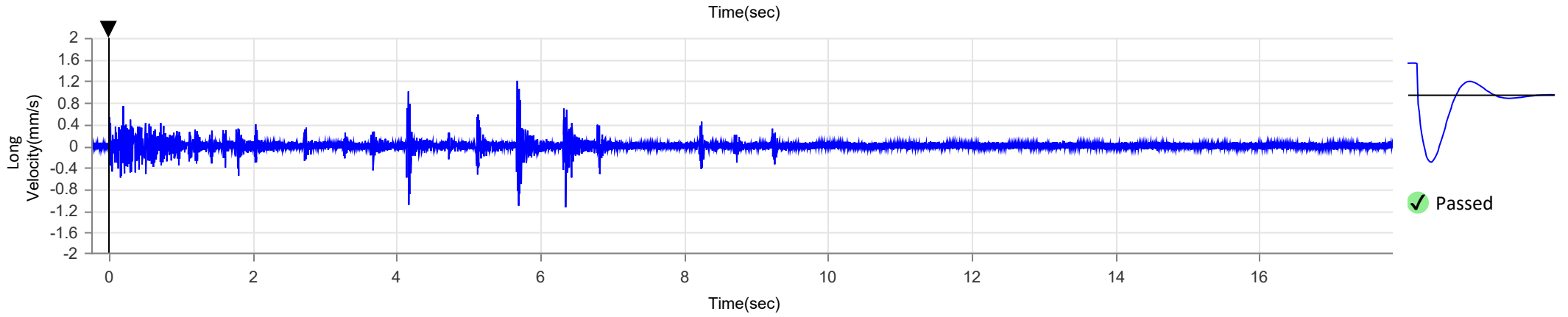
Sensor Check



✓ Passed



✓ Passed



✓ Passed

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Waveform Trigger Source	Long at November 4, 2022 09:53:09	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

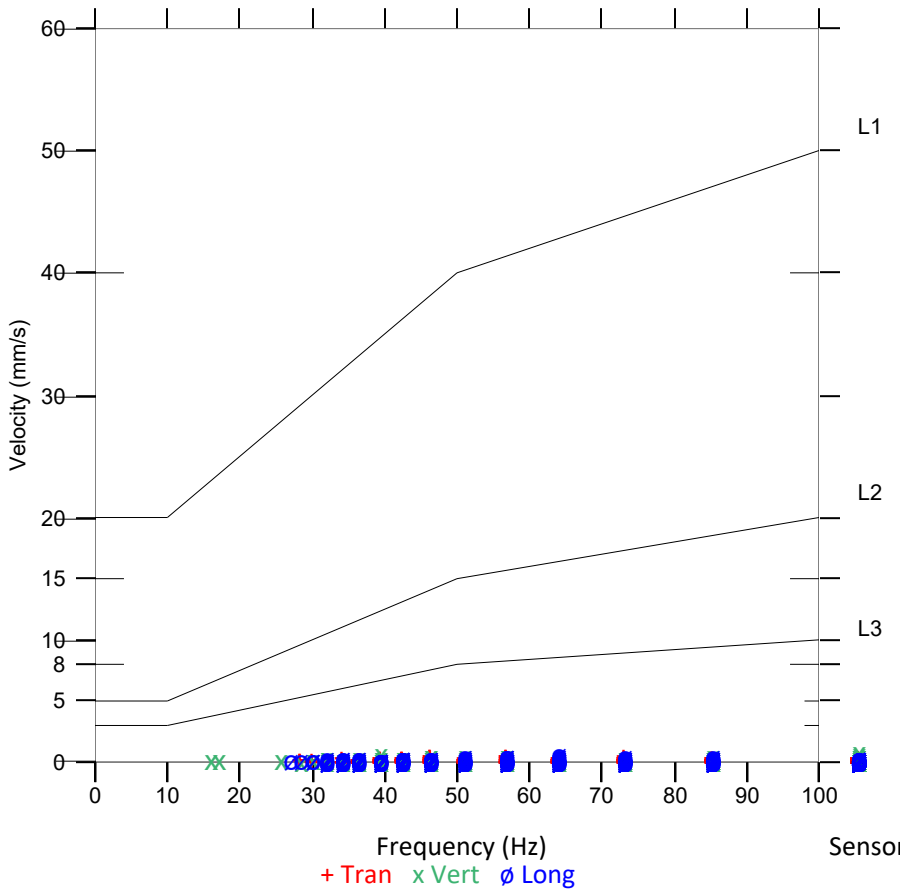
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

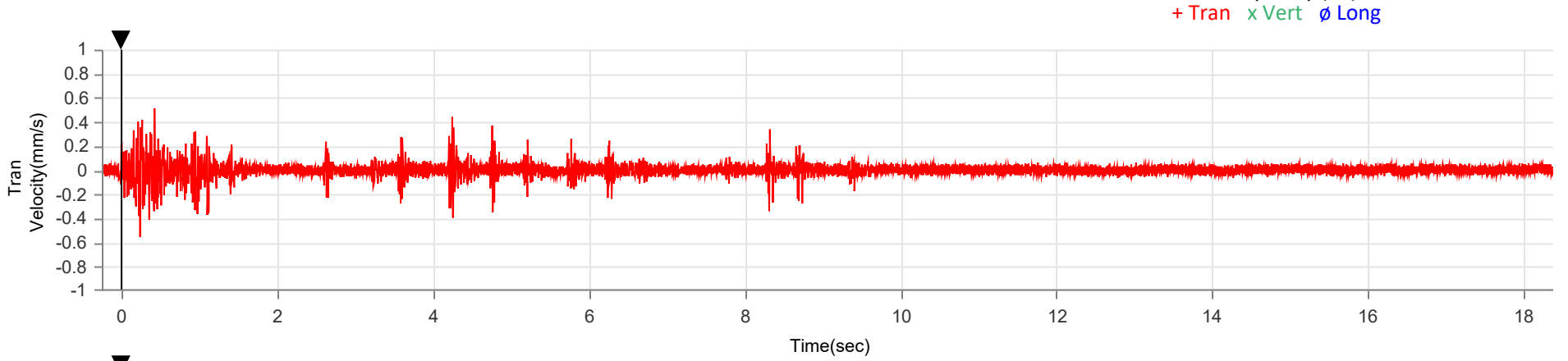
Post Event Notes No text to be displayed.

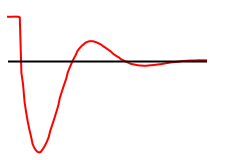
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.552 mm/s	0.741 mm/s	0.694 mm/s
Zero Crossing Frequency	56.9 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	0.242 sec	4.205 sec	4.245 sec
Peak Acceleration	0.029 g	0.078 g	0.032 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.828 mm/s at 4.205 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

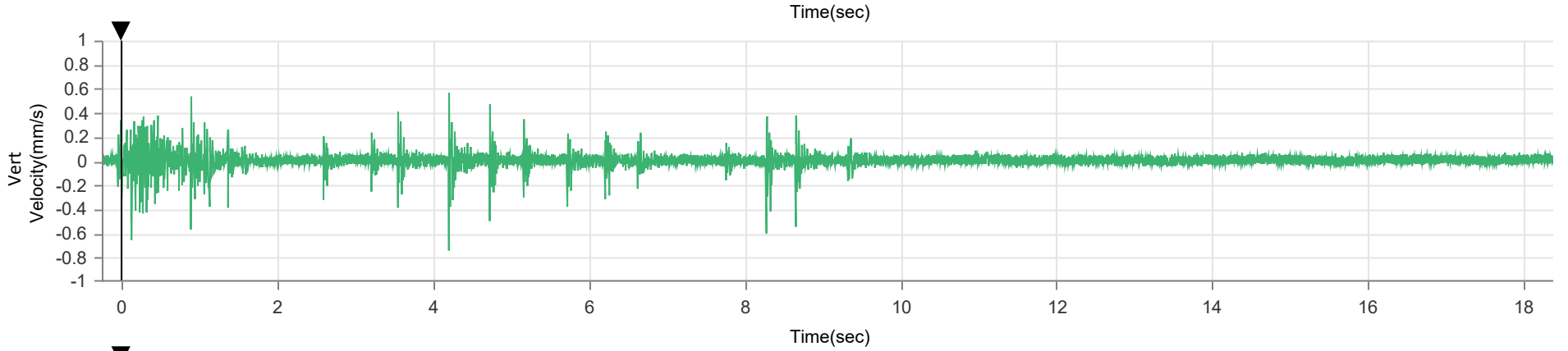


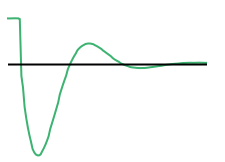
Sensor Check



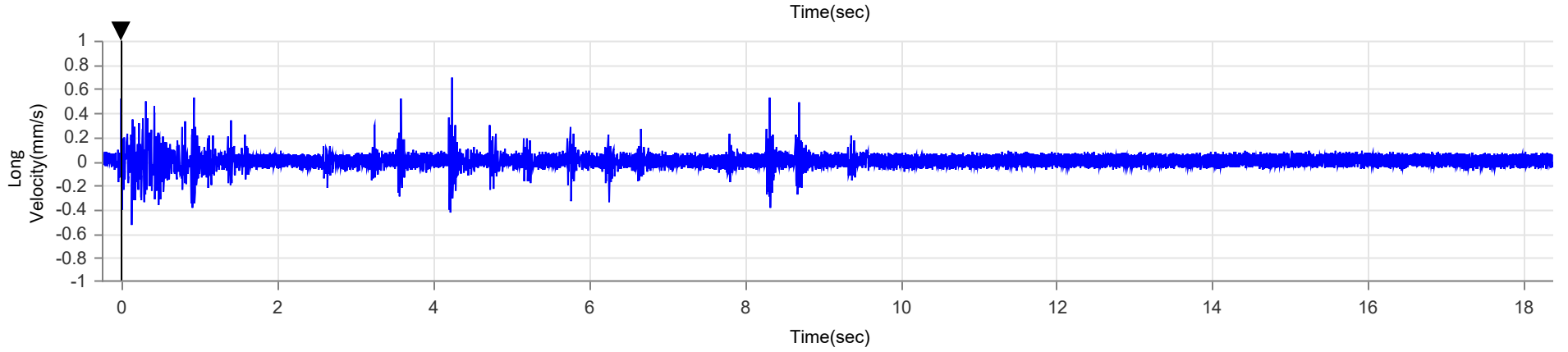


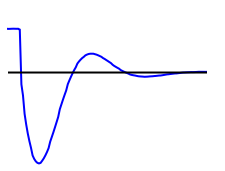
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Long at November 4, 2022 11:13:24	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221104111324.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

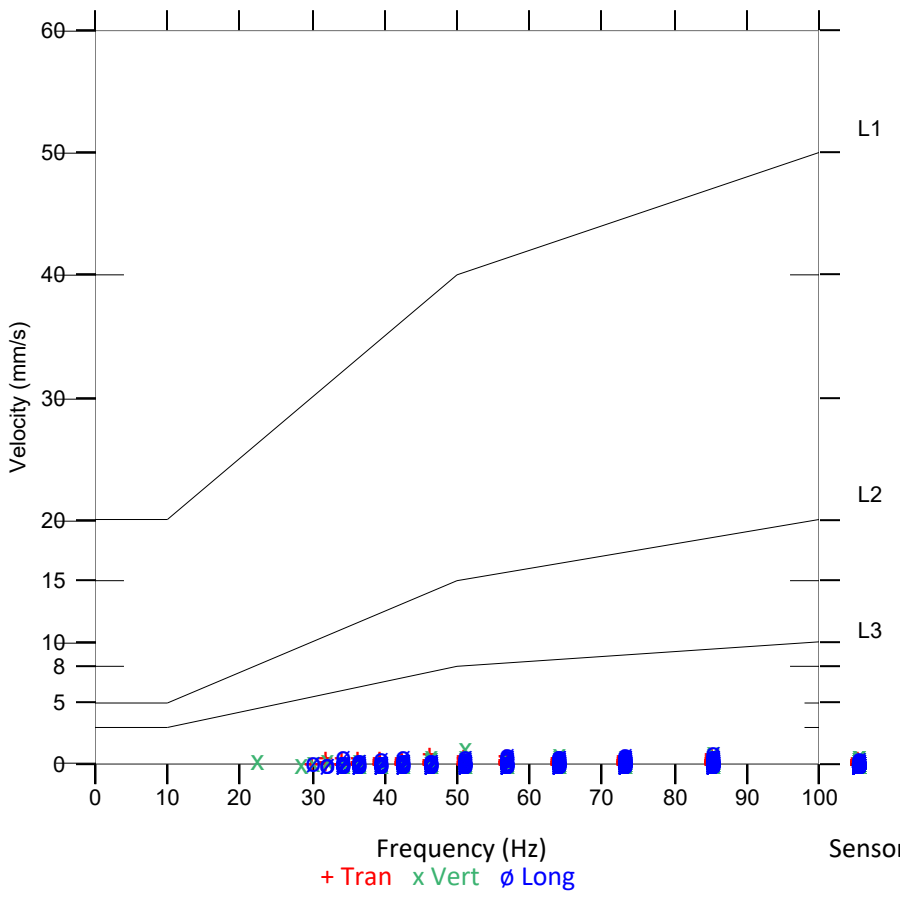
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

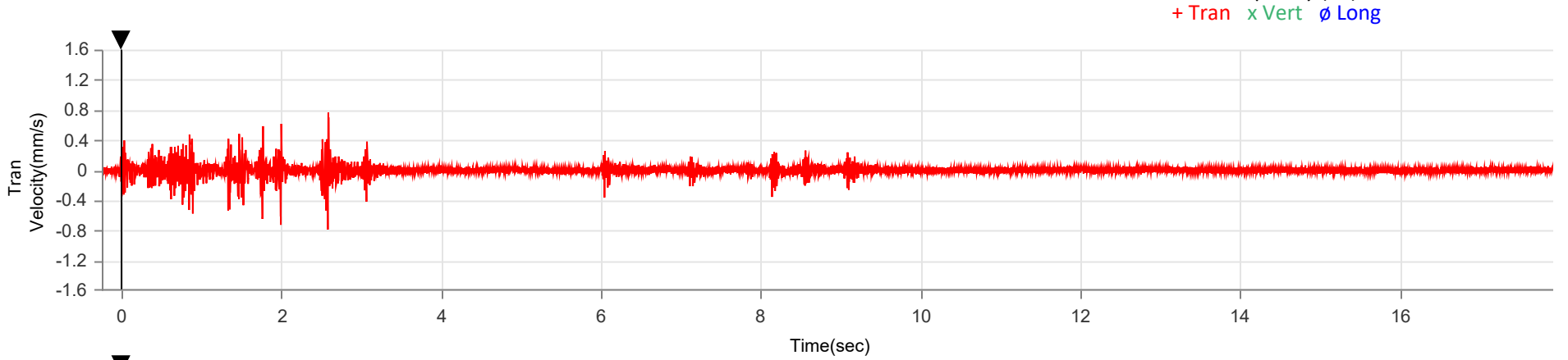
Post Event Notes No text to be displayed.

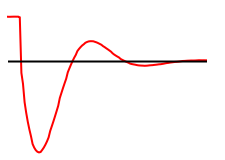
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.788 mm/s	1.293 mm/s	0.914 mm/s
Zero Crossing Frequency	46.5 Hz	51.2 Hz	85.3 Hz
Time (Relative to Trigger)	2.582 sec	1.470 sec	0.838 sec
Peak Acceleration	0.039 g	0.090 g	0.051 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.353 mm/s at 0.844 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

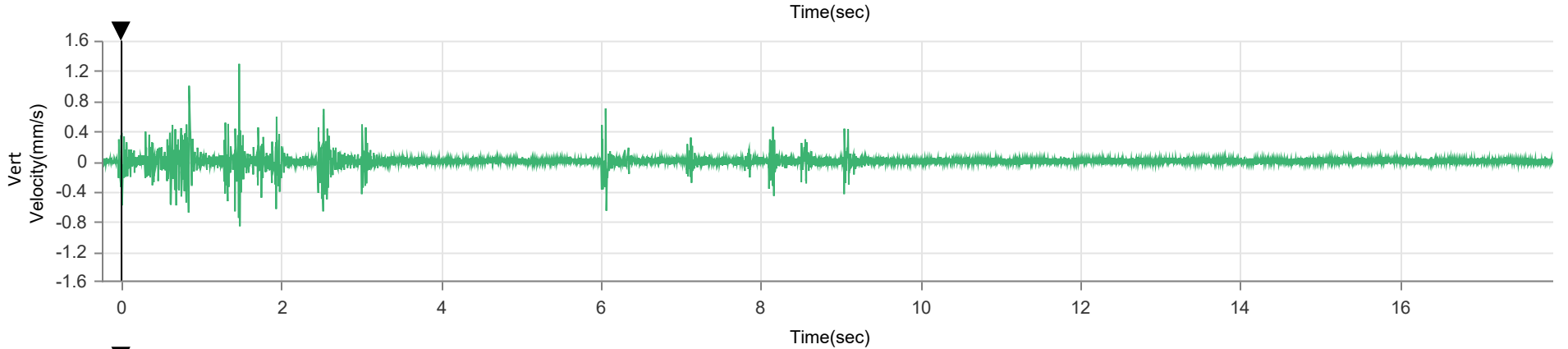


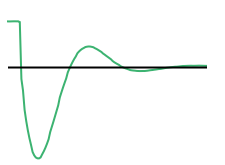
Sensor Check



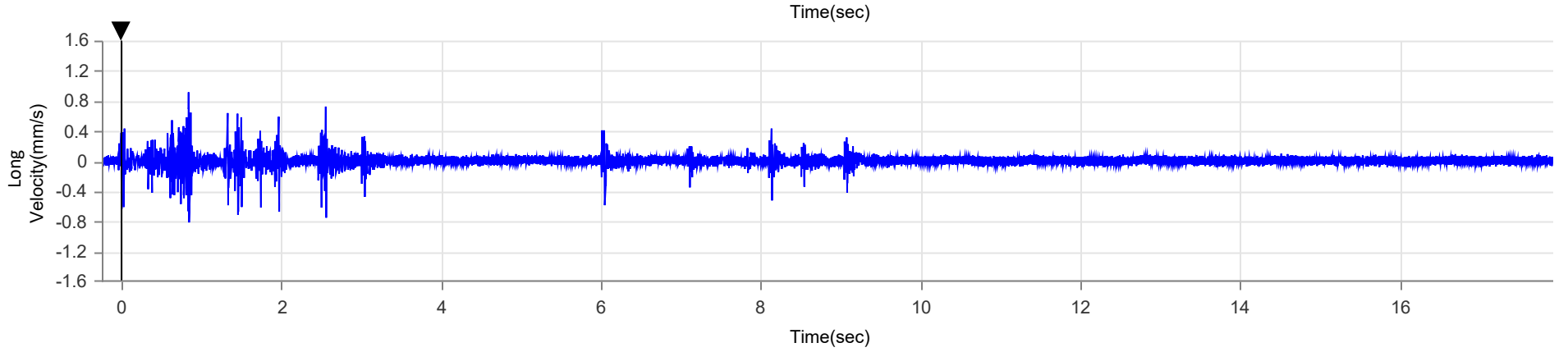


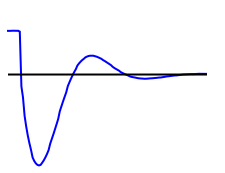
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:04	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221104120004.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

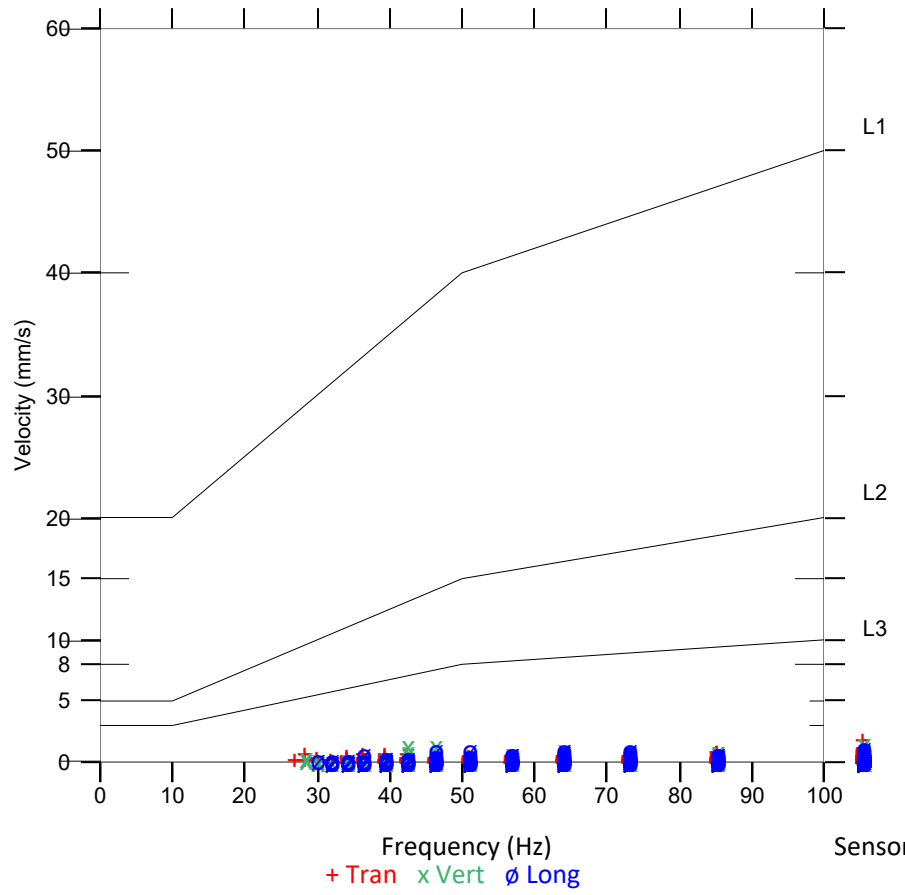
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

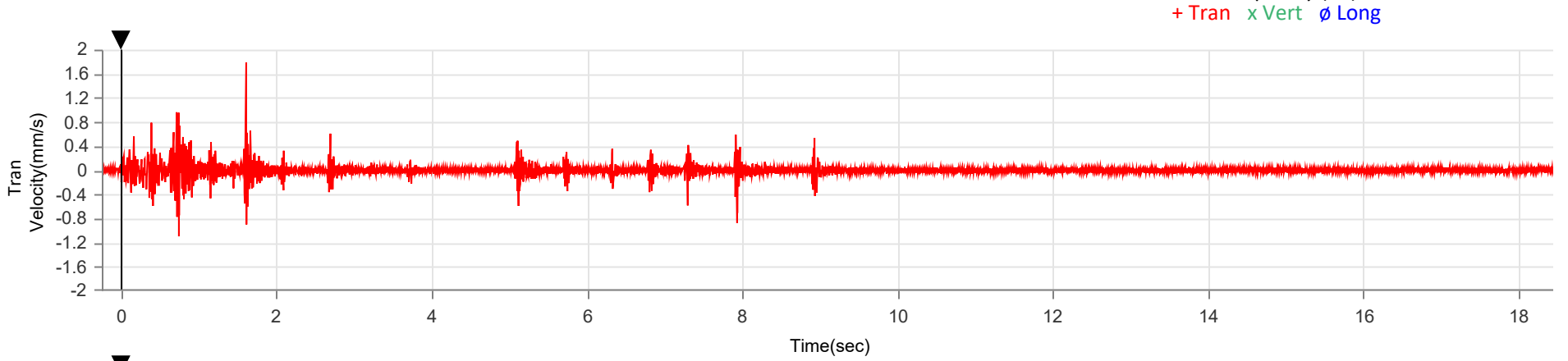
Post Event Notes No text to be displayed.

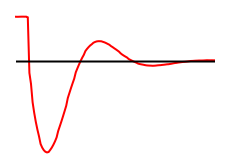
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.789 mm/s	1.474 mm/s	1.103 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	1.610 sec	1.583 sec	1.608 sec
Peak Acceleration	0.110 g	0.158 g	0.077 g
Peak Displacement	0.003 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.834 mm/s at 1.611 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

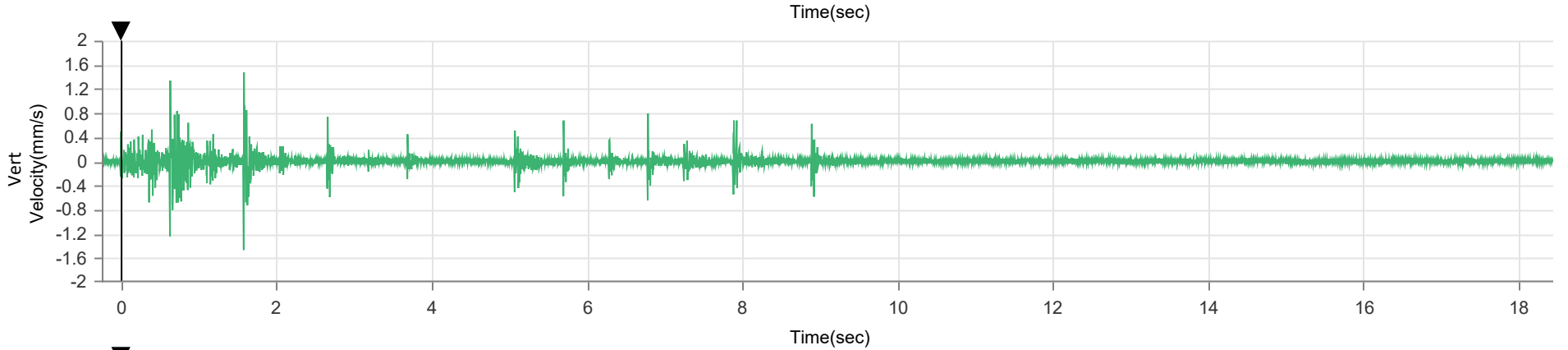


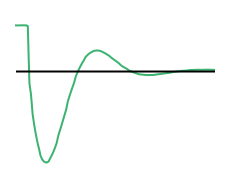
Sensor Check



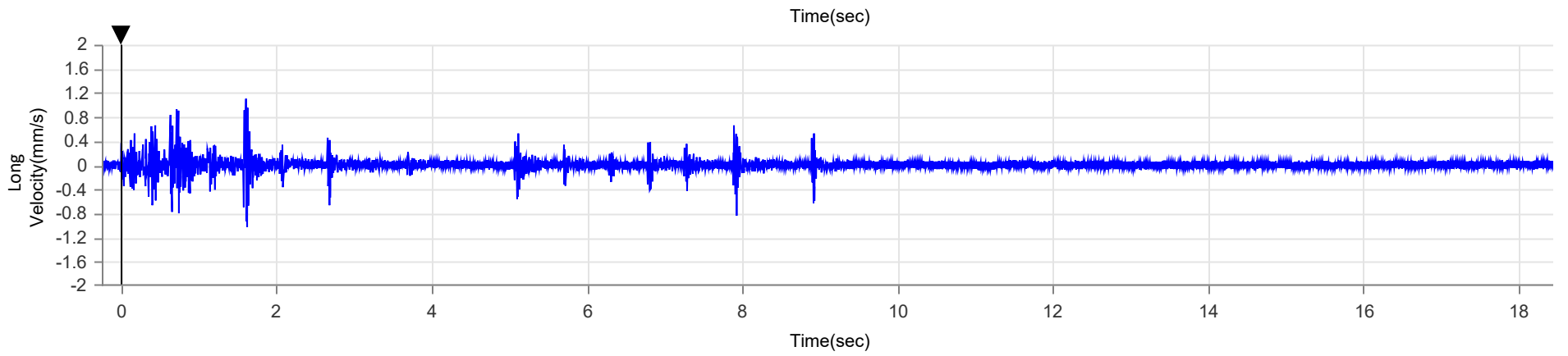


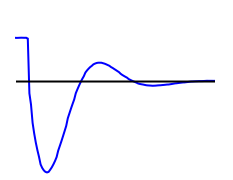
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 5, 2022 09:55:11	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

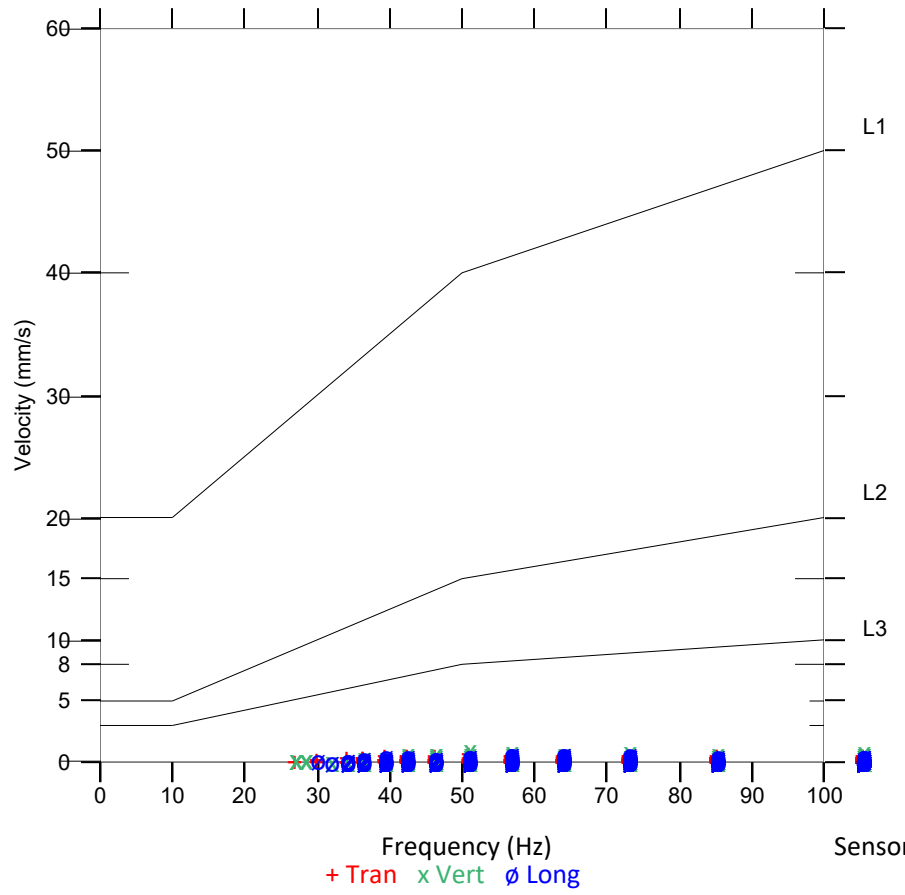
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

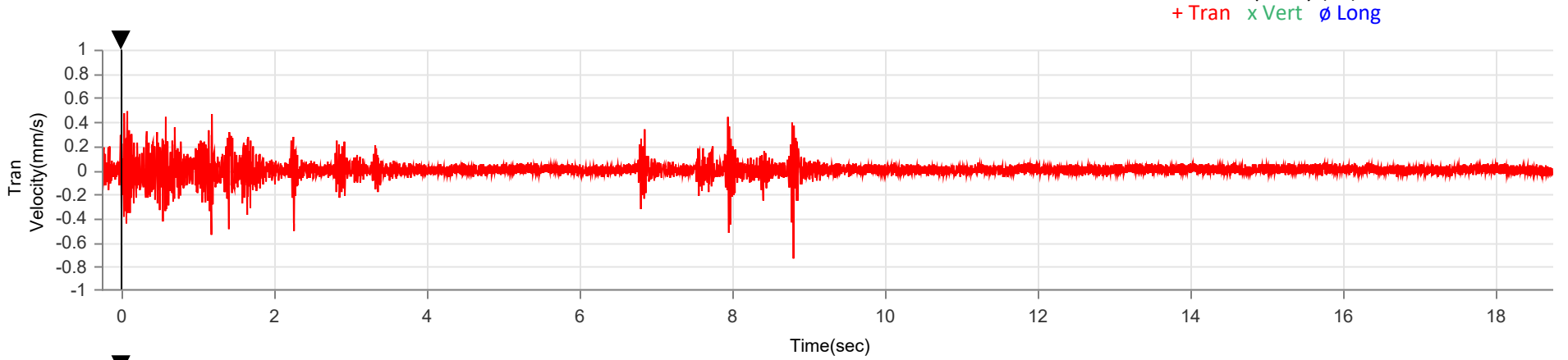
Post Event Notes No text to be displayed.

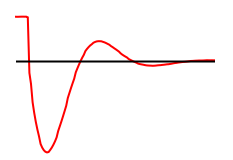
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.733 mm/s	0.906 mm/s	0.709 mm/s
Zero Crossing Frequency	51.2 Hz	51.2 Hz	64.0 Hz
Time (Relative to Trigger)	8.806 sec	6.820 sec	8.783 sec
Peak Acceleration	0.028 g	0.074 g	0.036 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.979 mm/s at 8.805 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

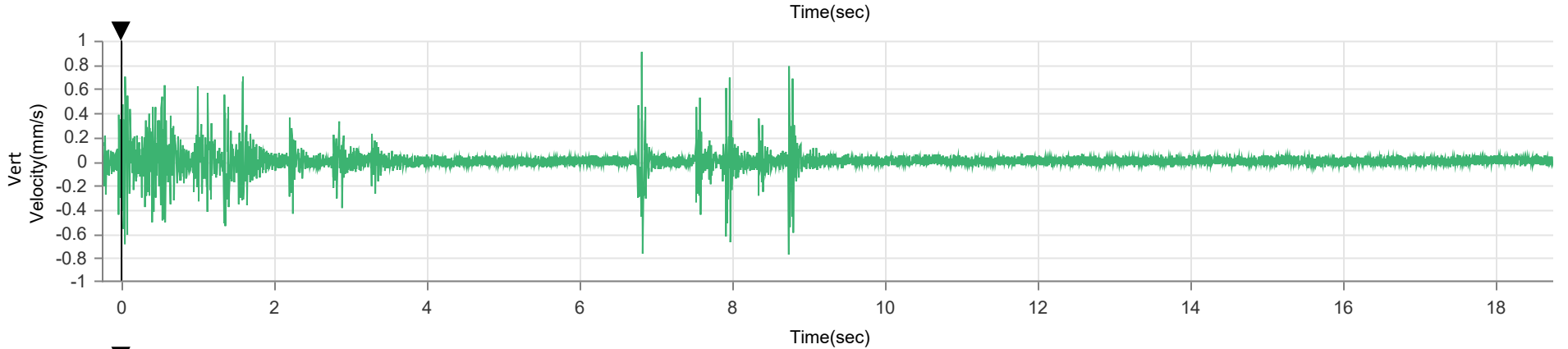


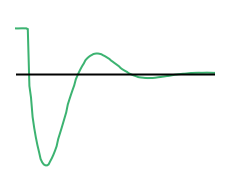
Sensor Check



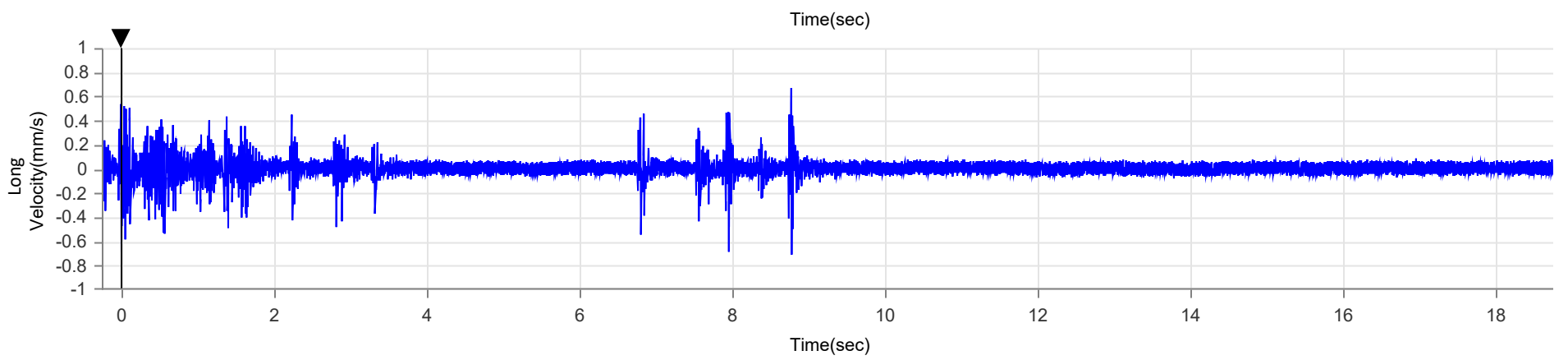


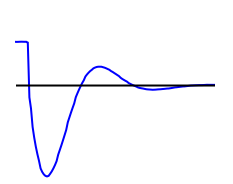
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 5, 2022 10:41:06	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221105104106.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

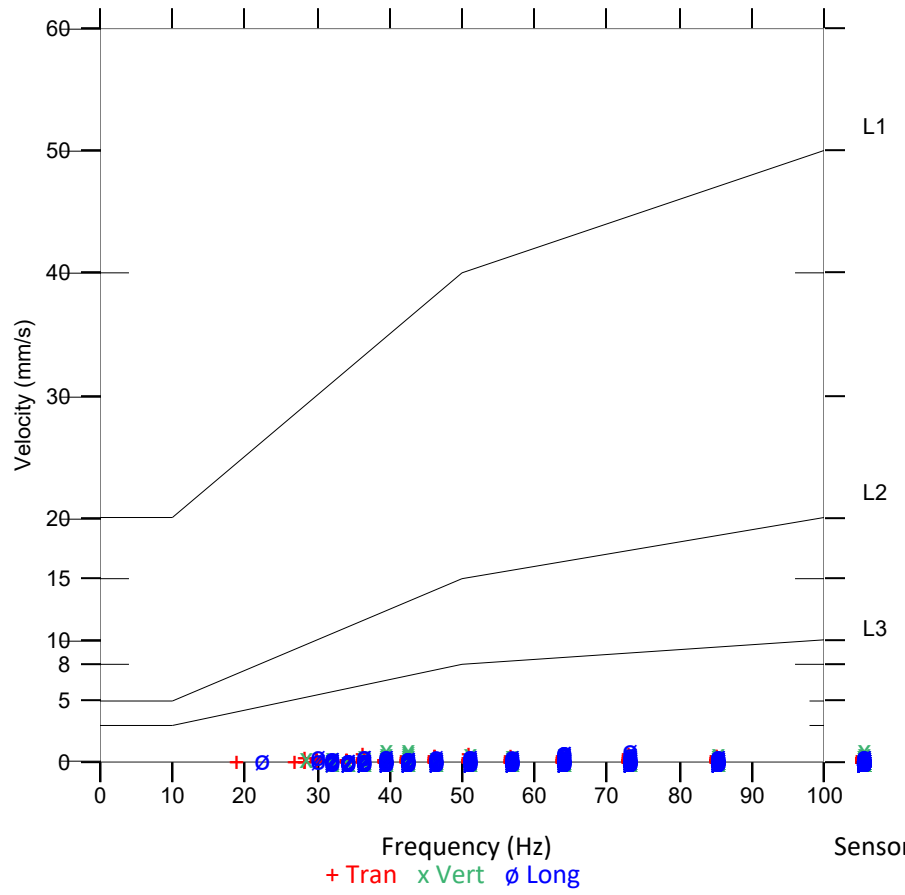
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

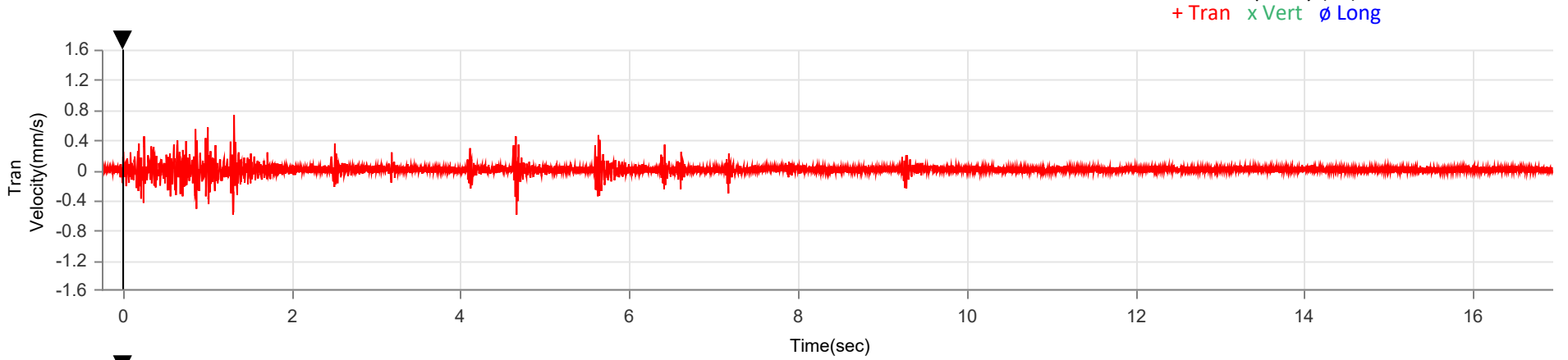
Post Event Notes No text to be displayed.

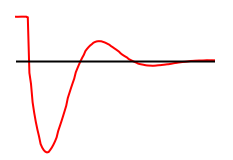
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.733 mm/s	1.056 mm/s	0.969 mm/s
Zero Crossing Frequency	36.6 Hz	>100 Hz	73.1 Hz
Time (Relative to Trigger)	1.318 sec	4.629 sec	5.635 sec
Peak Acceleration	0.044 g	0.117 g	0.043 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.143 mm/s at 4.629 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

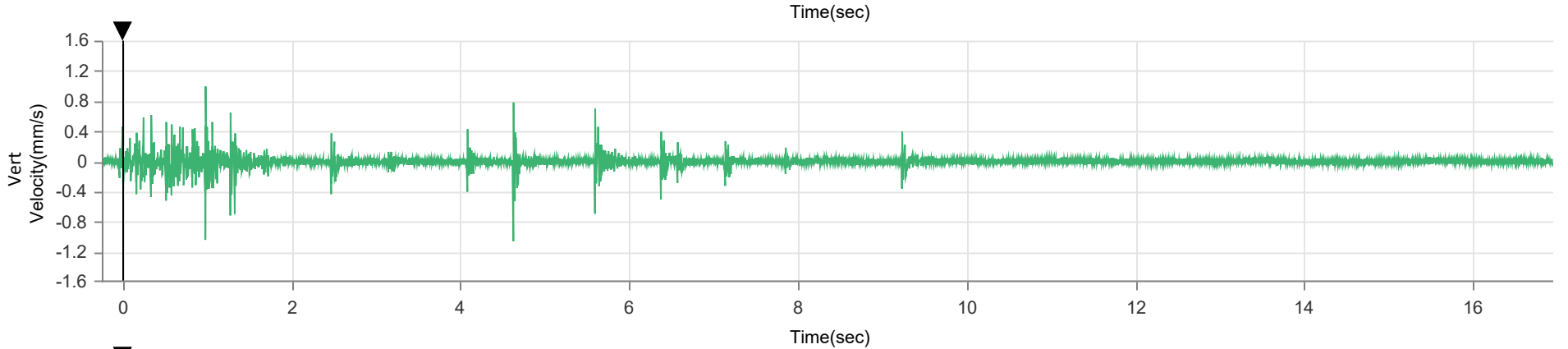


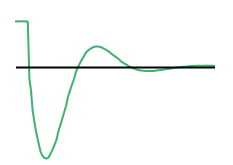
Sensor Check



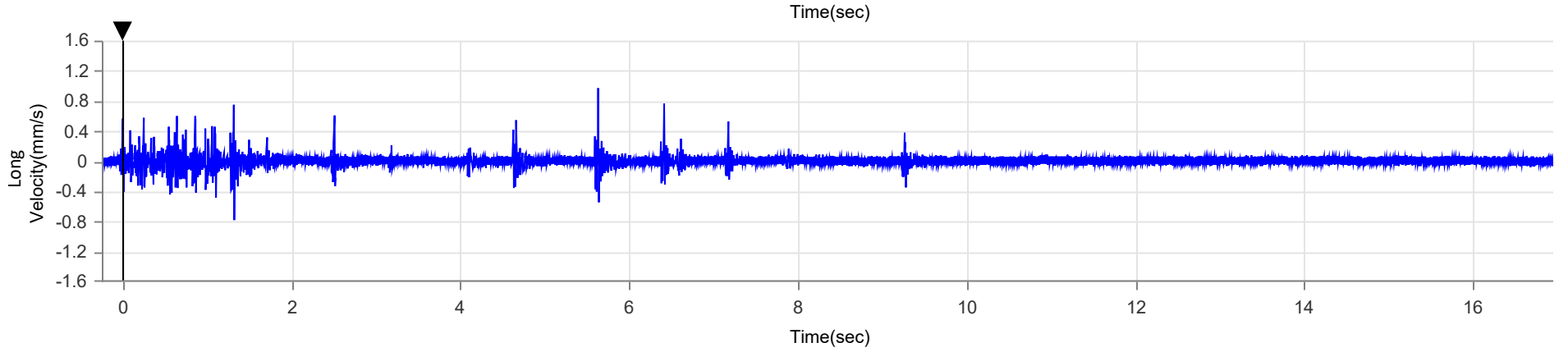


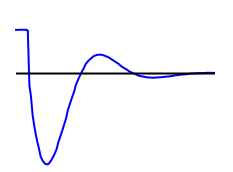
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:43	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221105121643.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

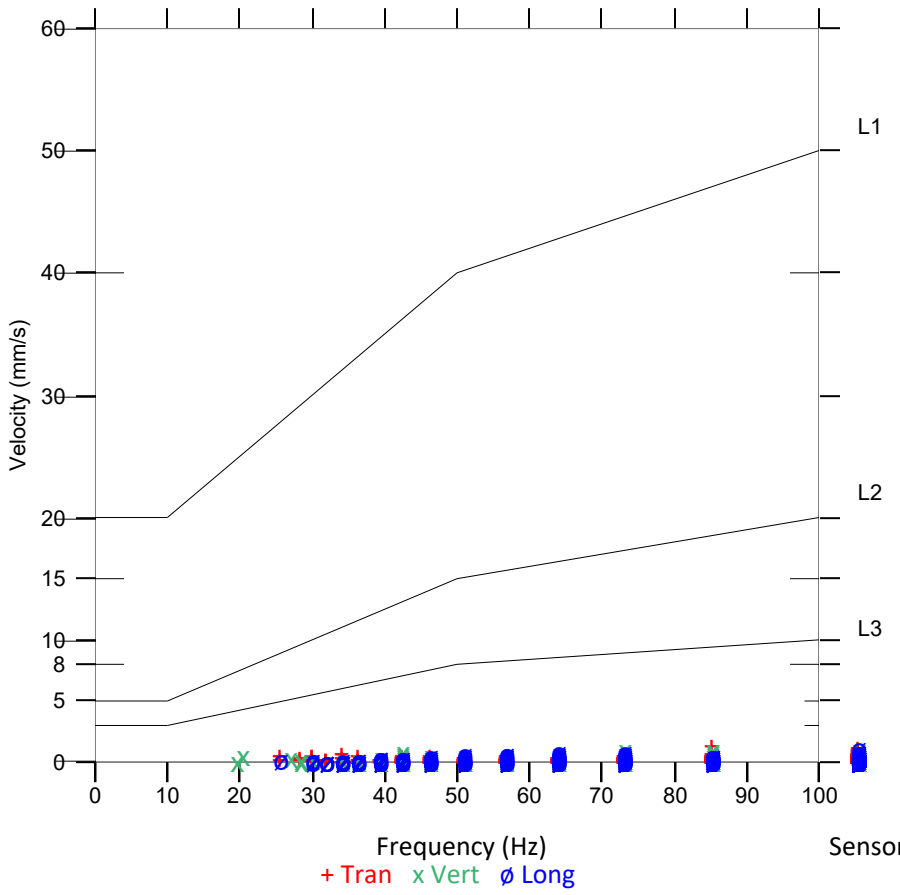
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

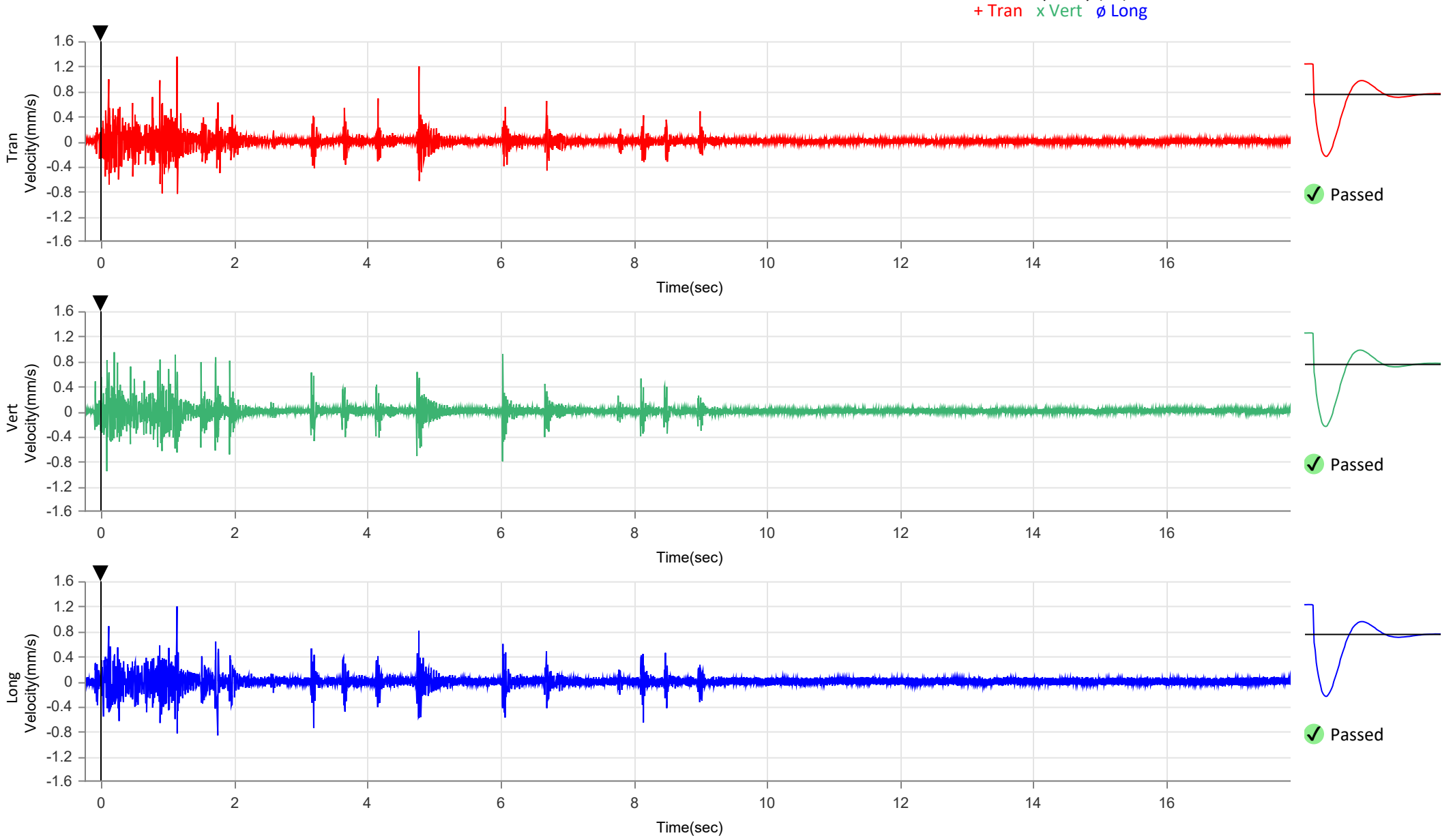
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.356 mm/s	0.954 mm/s	1.198 mm/s
Zero Crossing Frequency	85.3 Hz	85.3 Hz	>100 Hz
Time (Relative to Trigger)	1.141 sec	0.084 sec	1.139 sec
Peak Acceleration	0.077 g	0.114 g	0.076 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.500 mm/s at 1.139 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 6, 2022 10:42:28	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

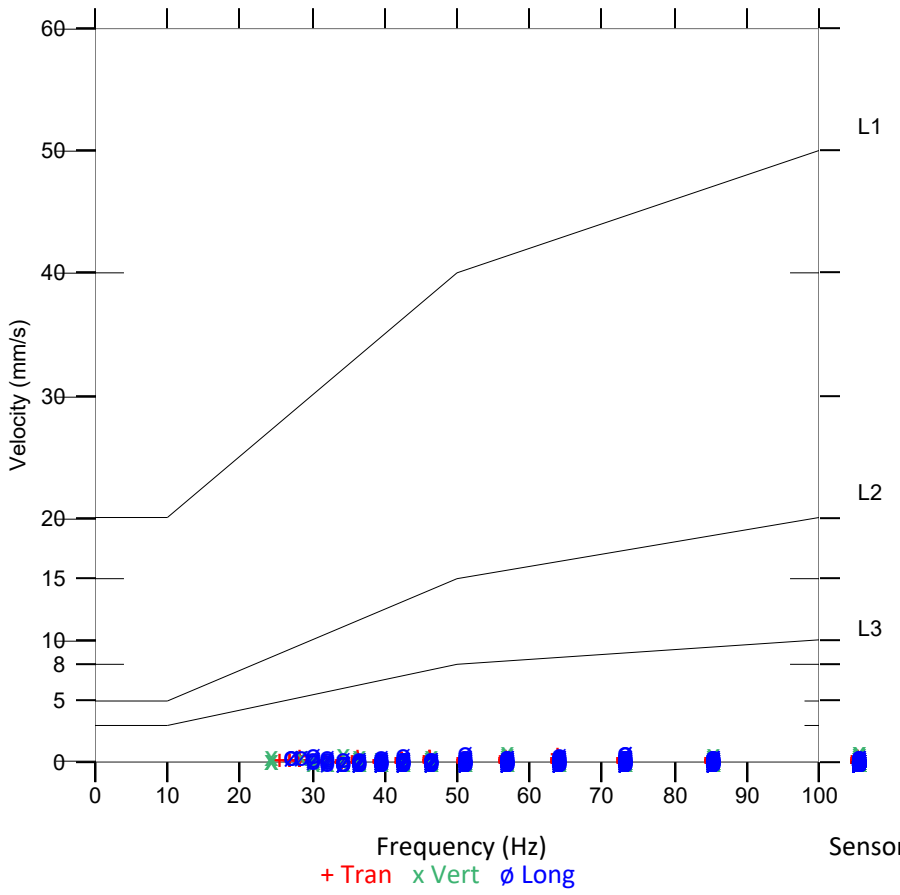
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

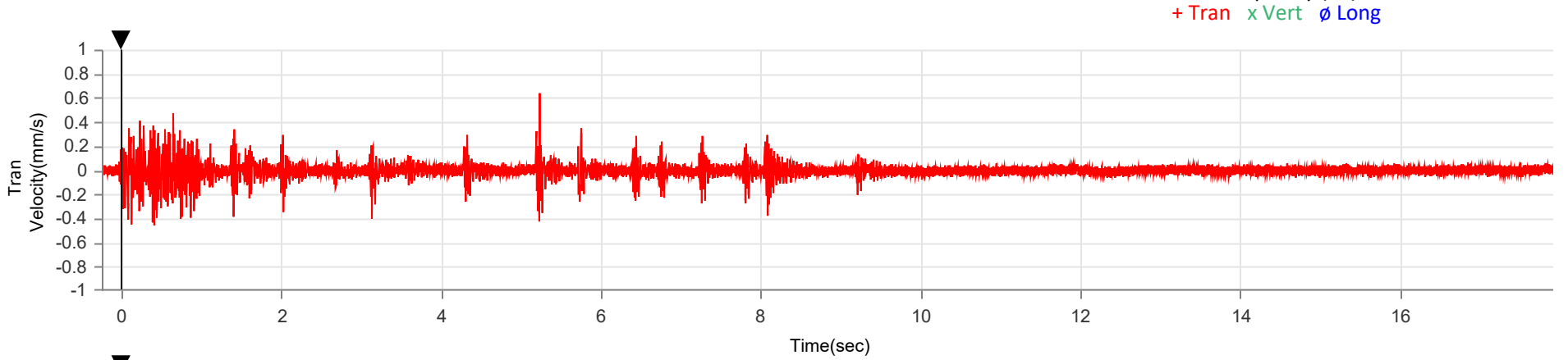
Post Event Notes No text to be displayed.

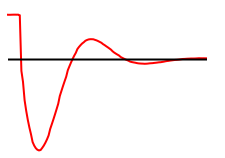
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.638 mm/s	0.788 mm/s	0.780 mm/s
Zero Crossing Frequency	56.9 Hz	56.9 Hz	51.2 Hz
Time (Relative to Trigger)	5.231 sec	5.192 sec	5.227 sec
Peak Acceleration	0.034 g	0.079 g	0.038 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	0.947 mm/s at 5.226 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

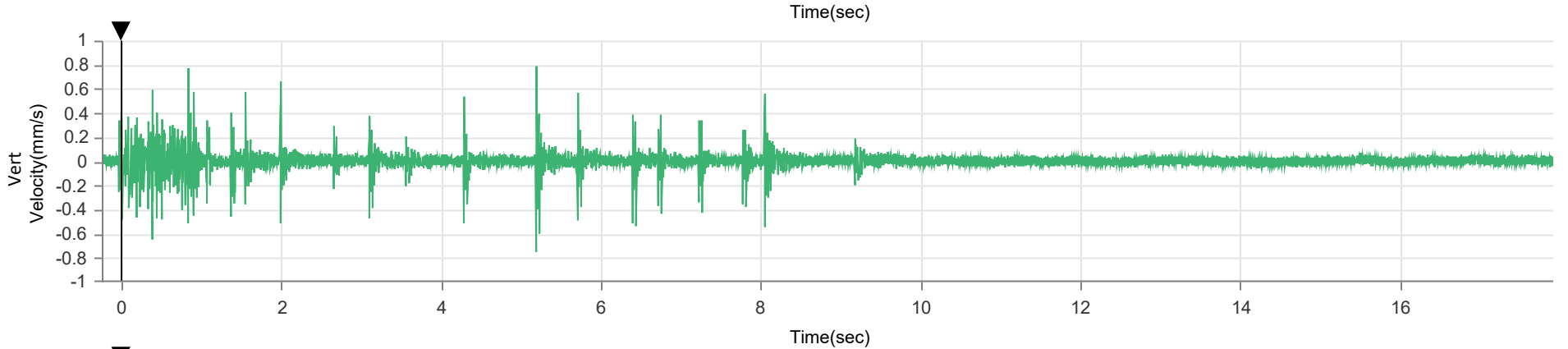


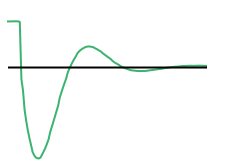
Sensor Check



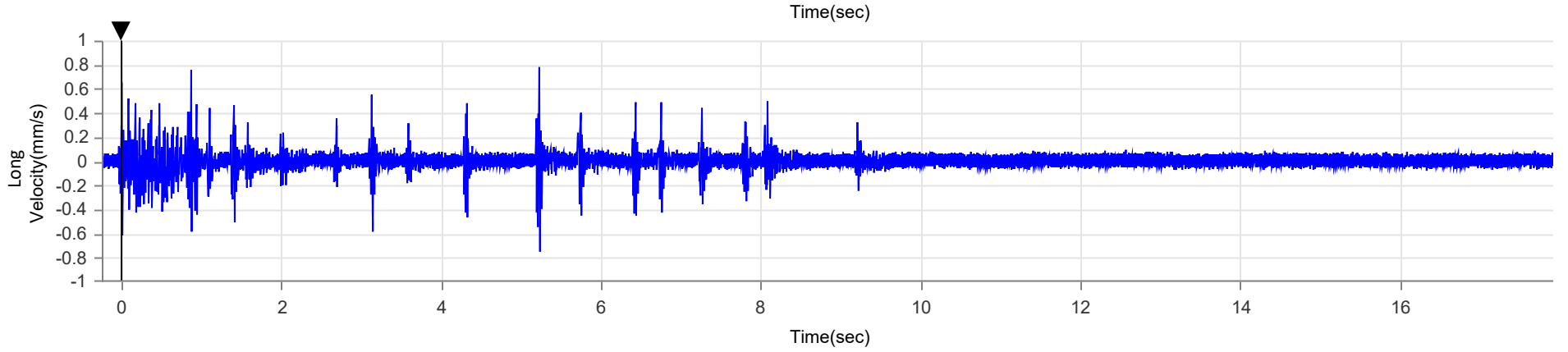


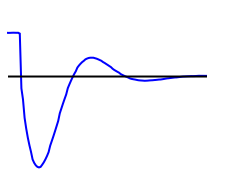
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 11:33:34	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221106113334.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

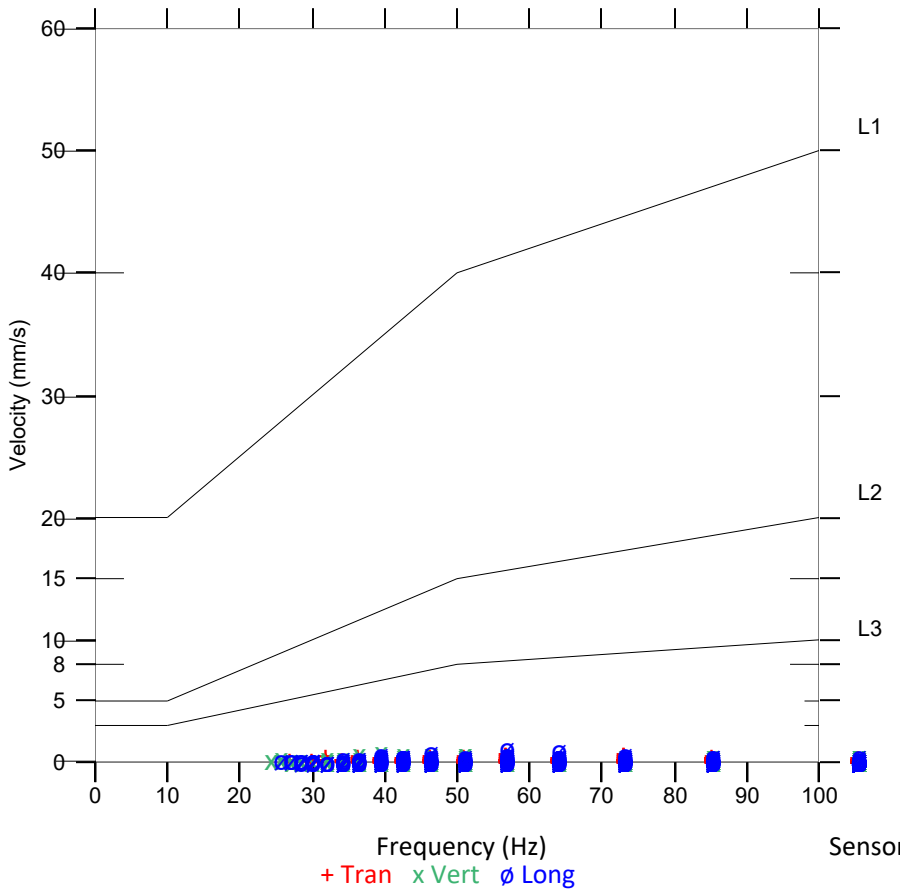
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

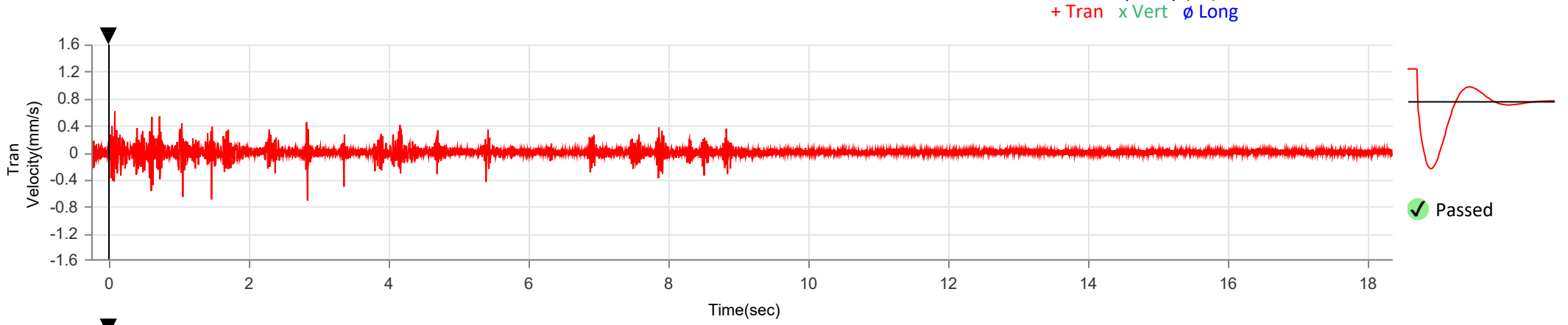
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.709 mm/s	0.820 mm/s	1.174 mm/s
Zero Crossing Frequency	73.1 Hz	39.4 Hz	56.9 Hz
Time (Relative to Trigger)	2.844 sec	0.032 sec	0.061 sec
Peak Acceleration	0.030 g	0.049 g	0.044 g
Peak Displacement	0.002 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.232 mm/s at 0.060 sec		

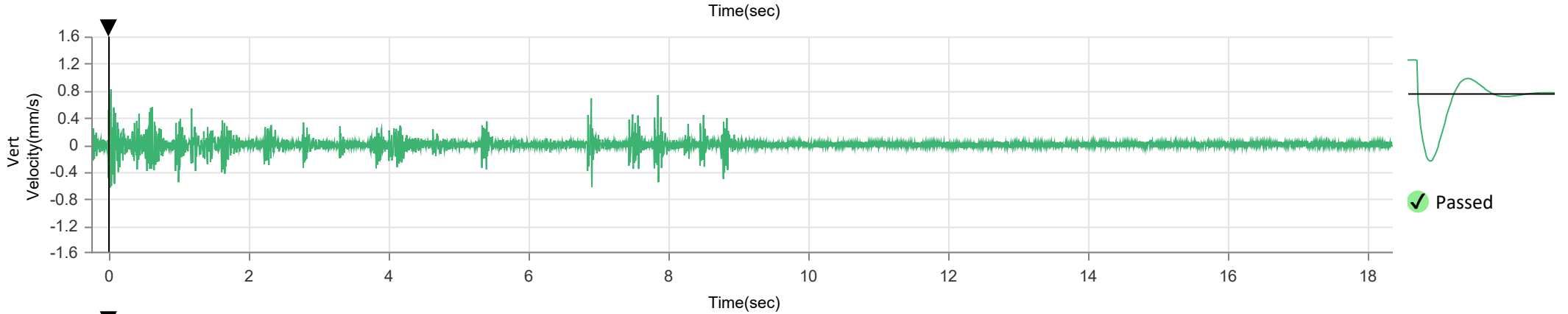
DIN4150
Velocity versus Frequency (Zero Crossing)



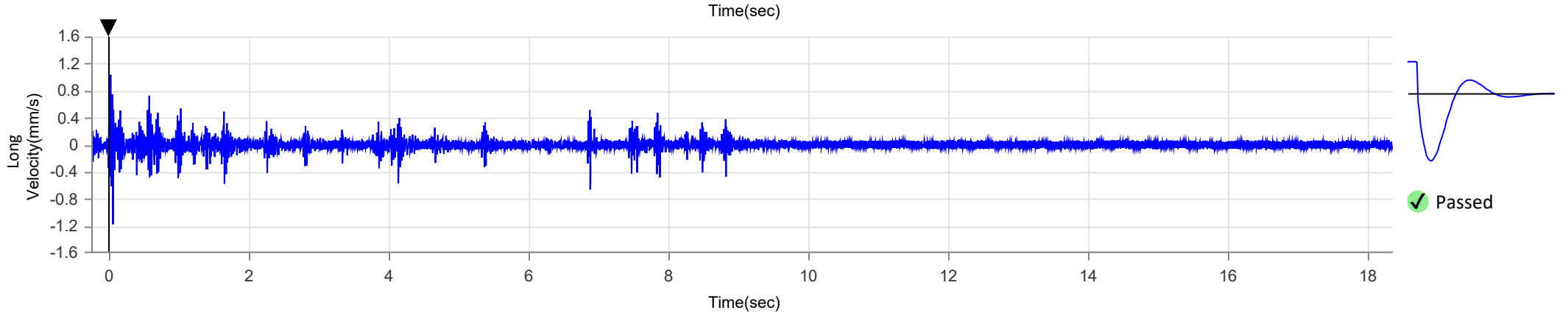
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 14:16:31	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221106141631.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

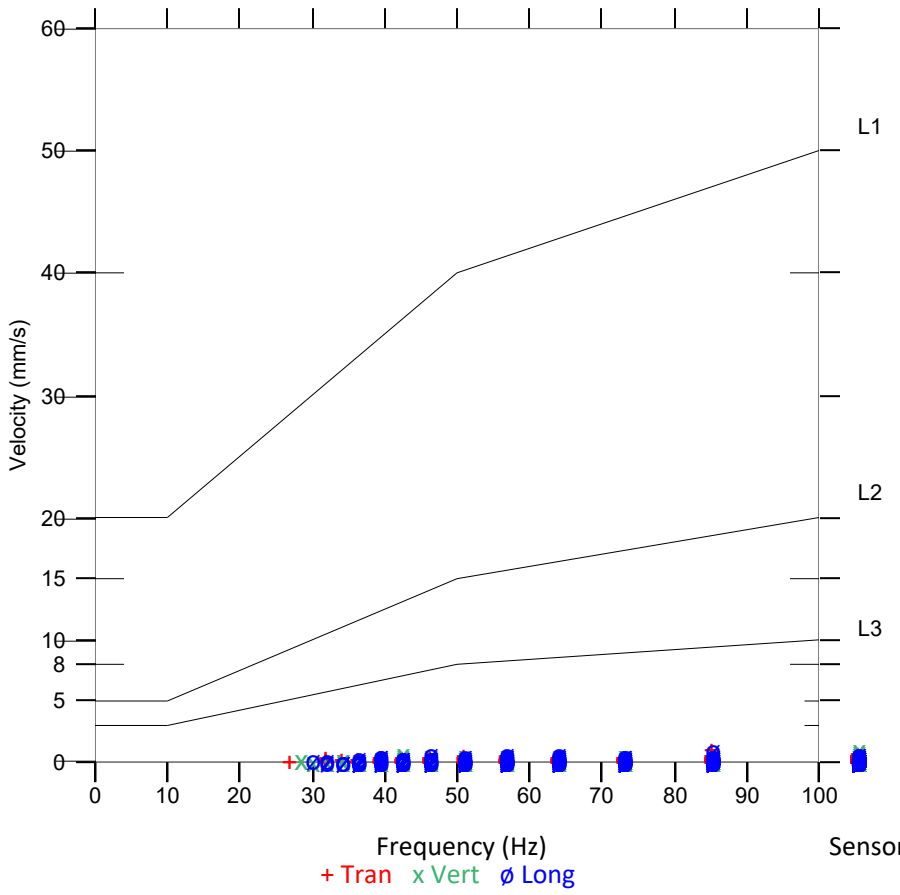
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

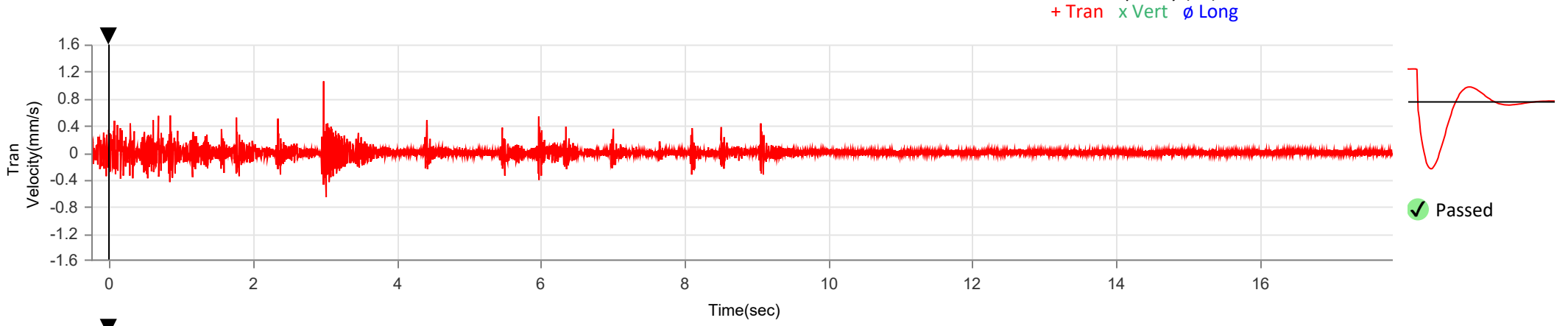
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.056 mm/s	1.001 mm/s	0.914 mm/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	85.3 Hz
Time (Relative to Trigger)	2.981 sec	2.953 sec	2.979 sec
Peak Acceleration	0.059 g	0.140 g	0.057 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.248 mm/s at 2.981 sec		

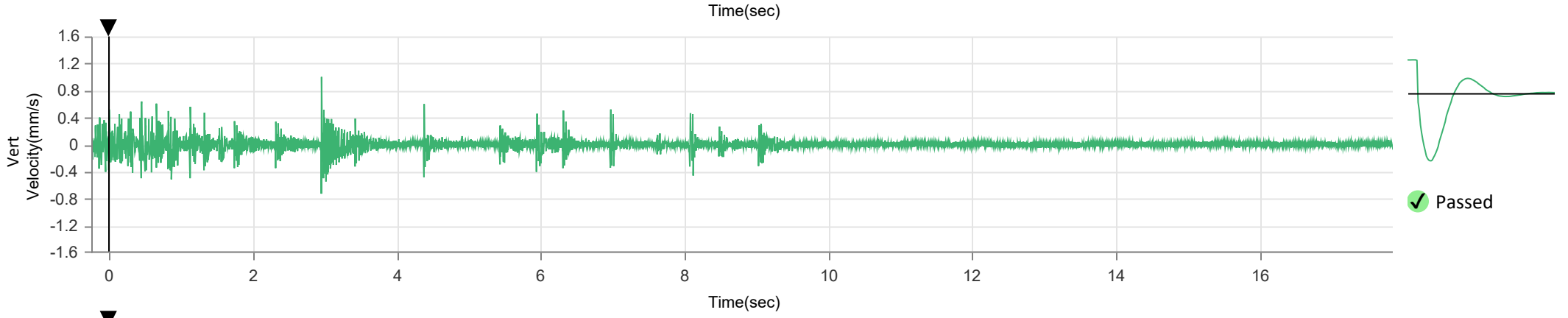
DIN4150
Velocity versus Frequency (Zero Crossing)



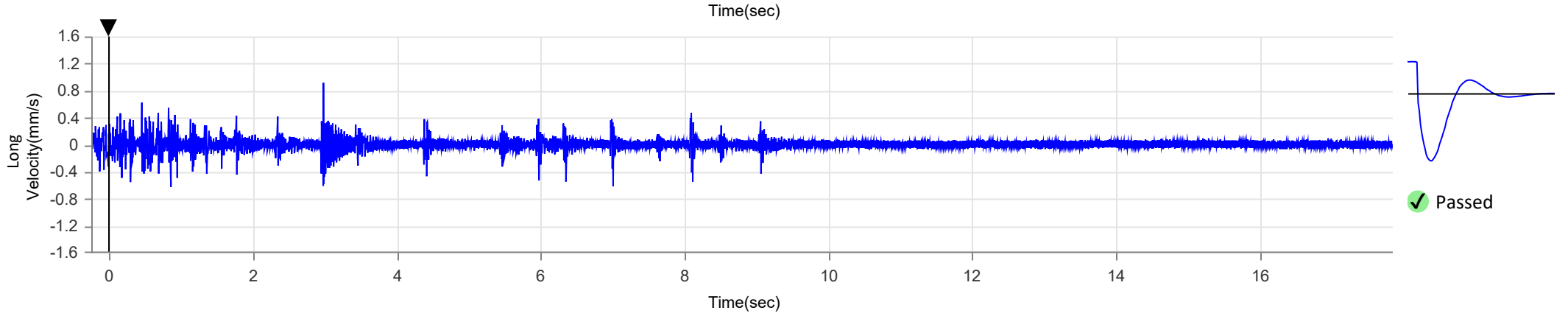
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 6, 2022 19:16:24	**Serial Number**	UM15840
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/18.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	1024 sps	**Unit Calibration**	June 15, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15840_20221106191624.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

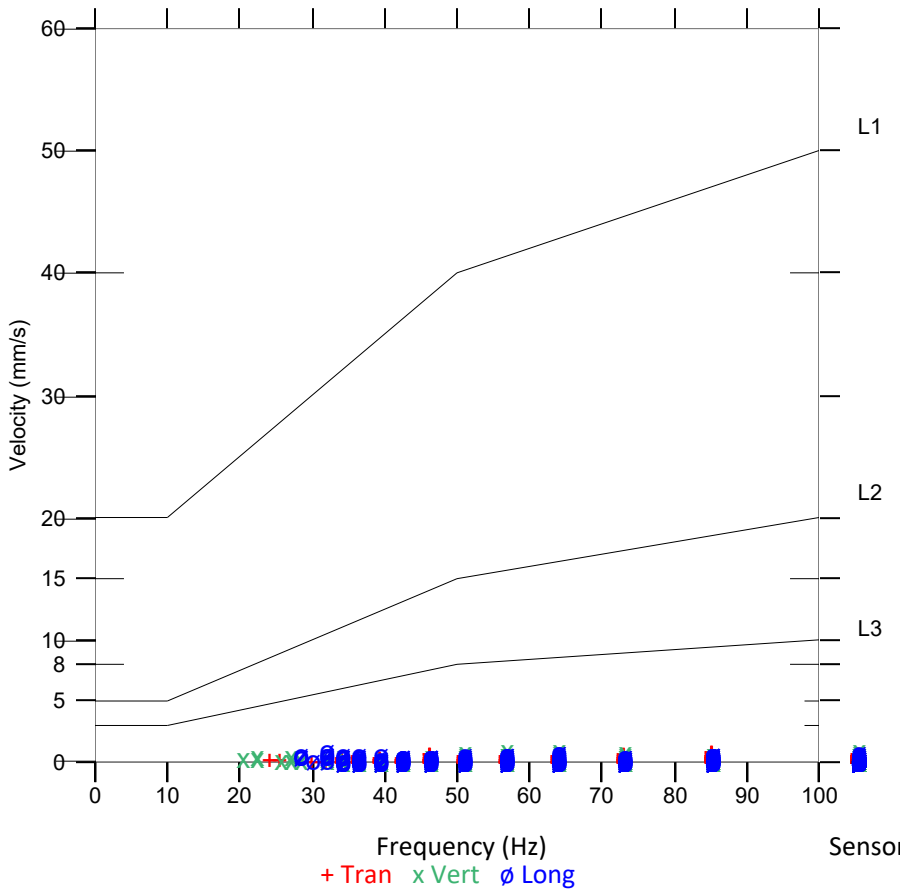
Notes

Location	MM-22, Plavje 43
Client	
Company	
General Notes	

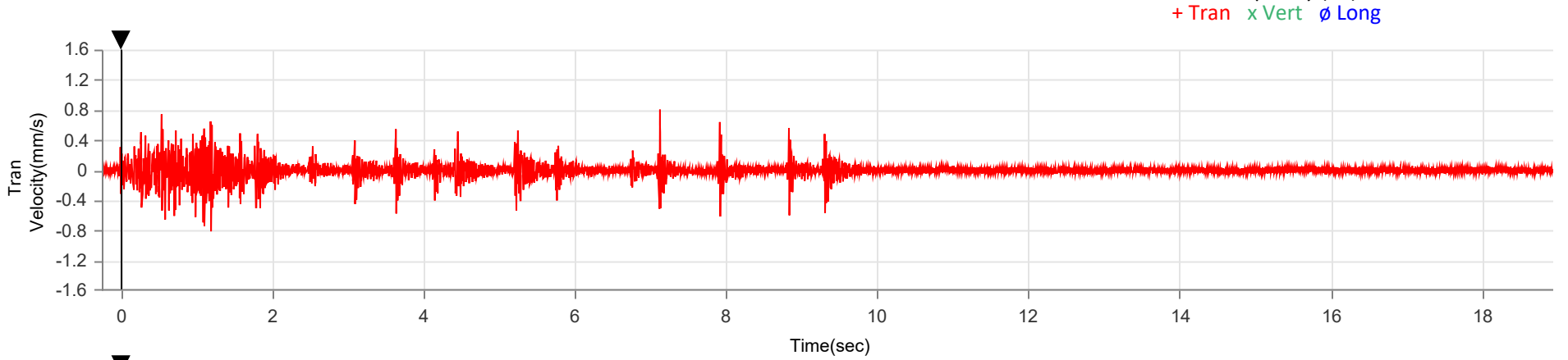
Post Event Notes No text to be displayed.

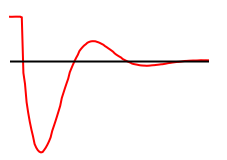
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.812 mm/s	1.033 mm/s	0.946 mm/s
Zero Crossing Frequency	85.3 Hz	56.9 Hz	32.0 Hz
Time (Relative to Trigger)	1.195 sec	5.214 sec	7.137 sec
Peak Acceleration	0.045 g	0.096 g	0.049 g
Peak Displacement	0.002 mm	0.002 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	8.2 Hz	7.7 Hz
Overswing Ratio	4.4	4.3	4.8
Peak Vector Sum	1.223 mm/s at 7.136 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

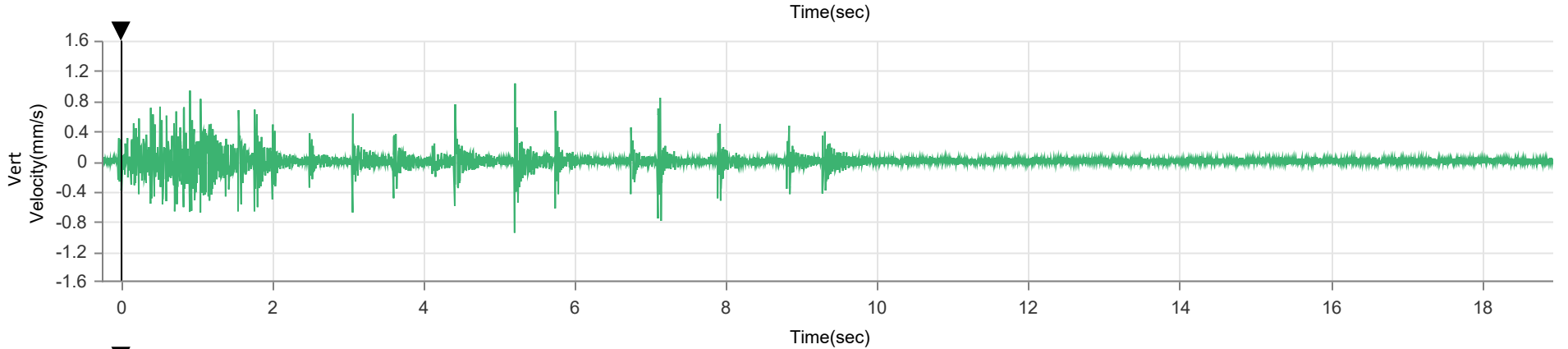


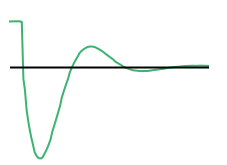
Sensor Check



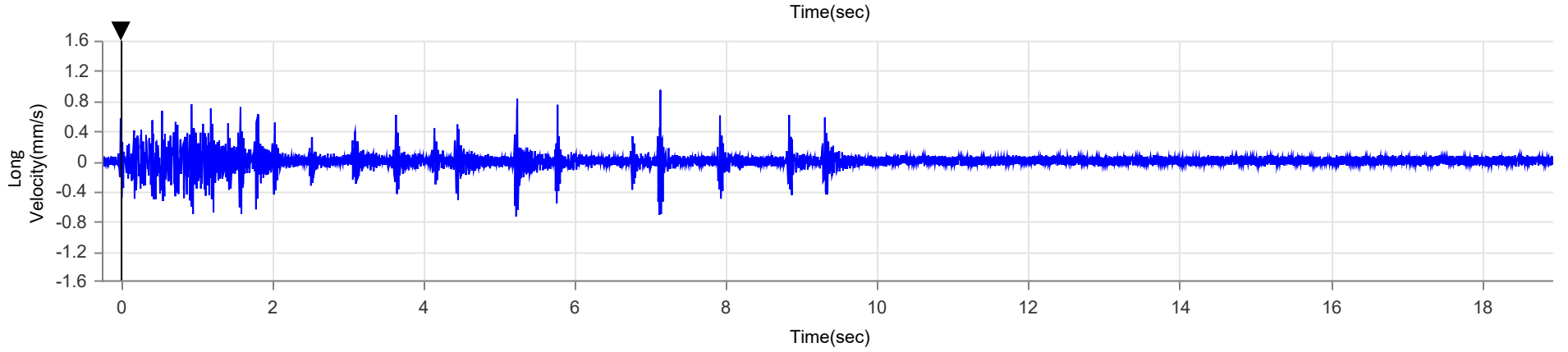


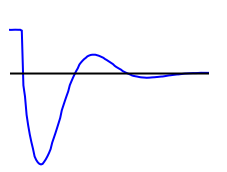
✓ Passed





✓ Passed





✓ Passed

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PRILOGA 1.10:
Rezultati meritev

- MM-23 (Plavje 41/41a) -

Waveform Trigger Source	Long at November 1, 2022 12:57:30	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221101125730.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

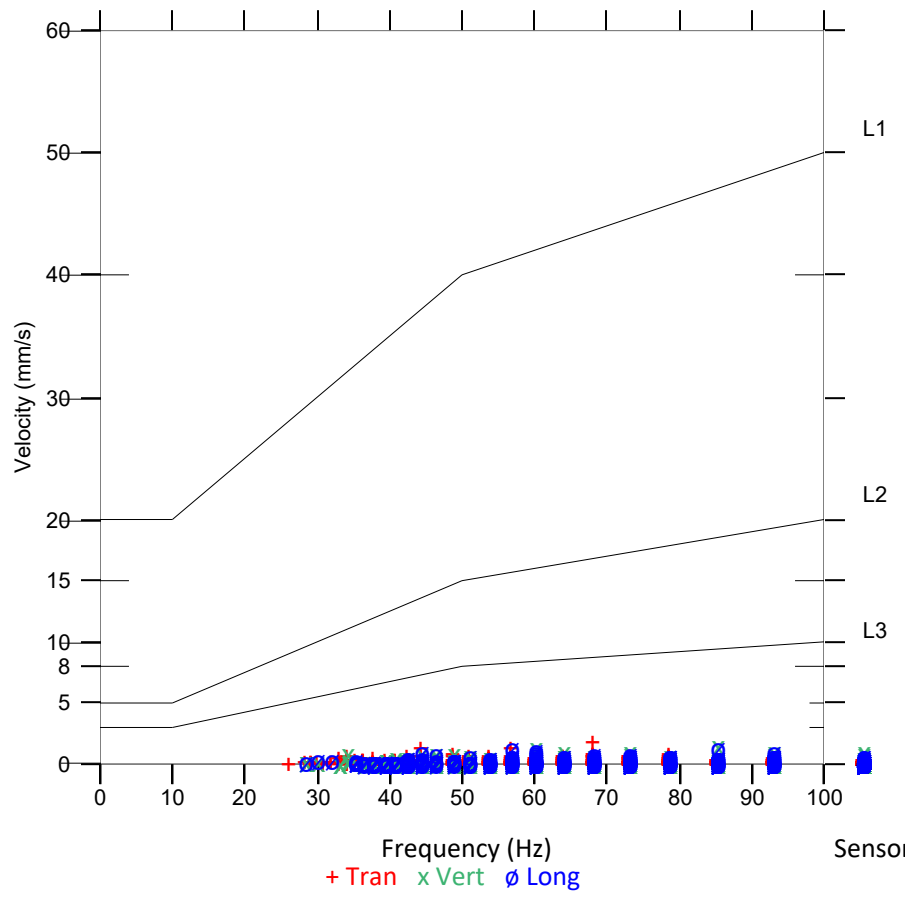
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

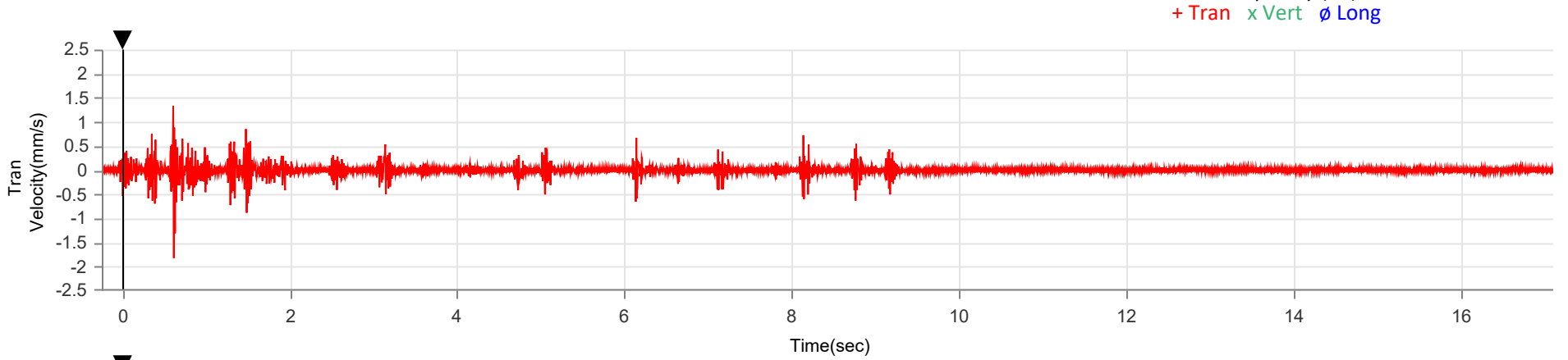
Post Event Notes No text to be displayed.

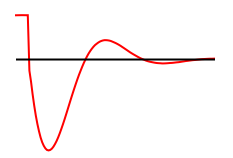
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.821 mm/s	1.427 mm/s	1.261 mm/s
Zero Crossing Frequency	68.3 Hz	85.3 Hz	56.9 Hz
Time (Relative to Trigger)	0.612 sec	0.568 sec	0.619 sec
Peak Acceleration	0.079 g	0.086 g	0.066 g
Peak Displacement	0.005 mm	0.003 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	1.828 mm/s at 0.612 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

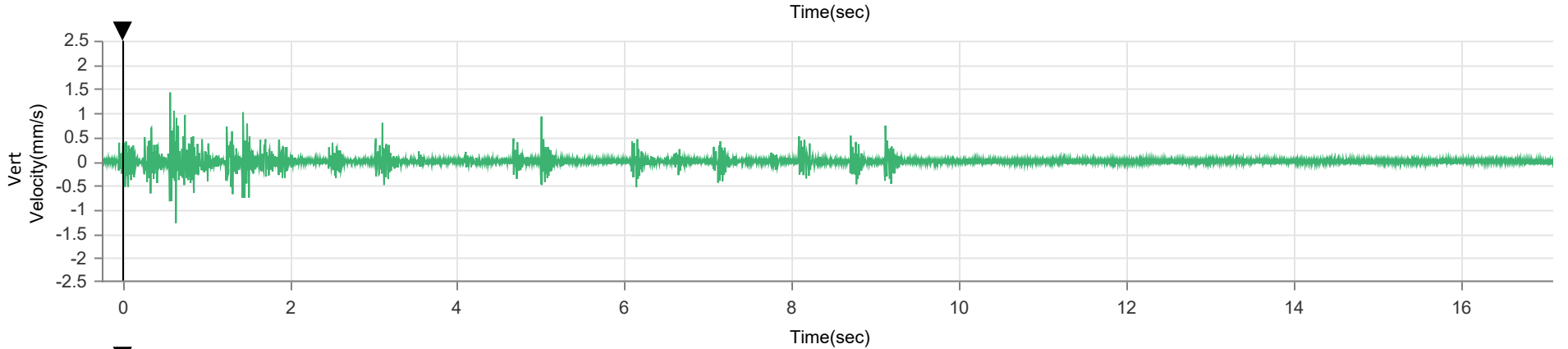


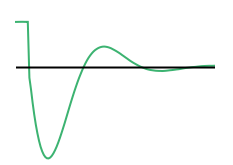
Sensor Check



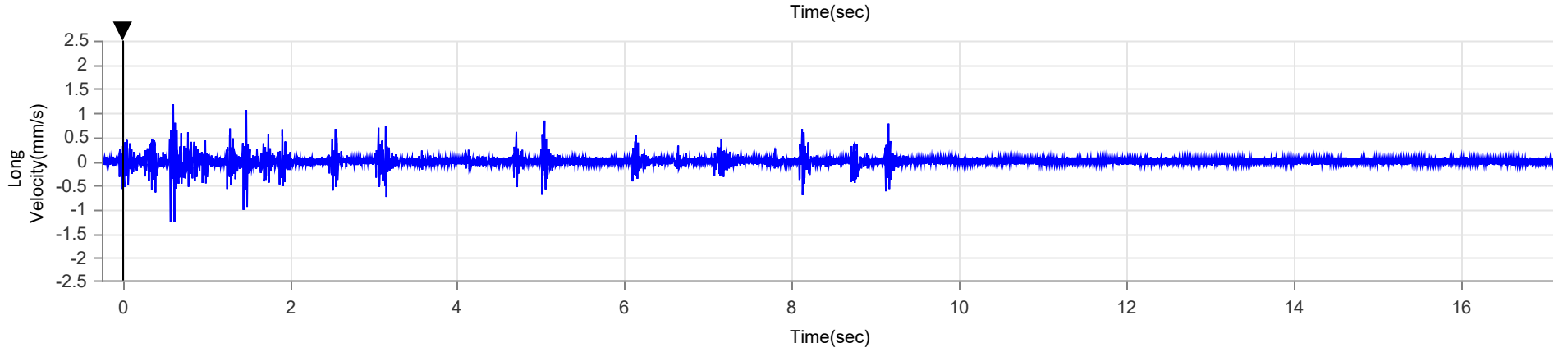


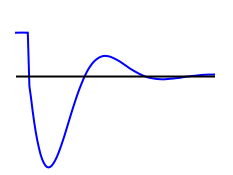
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 13:00:10	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221101130010.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

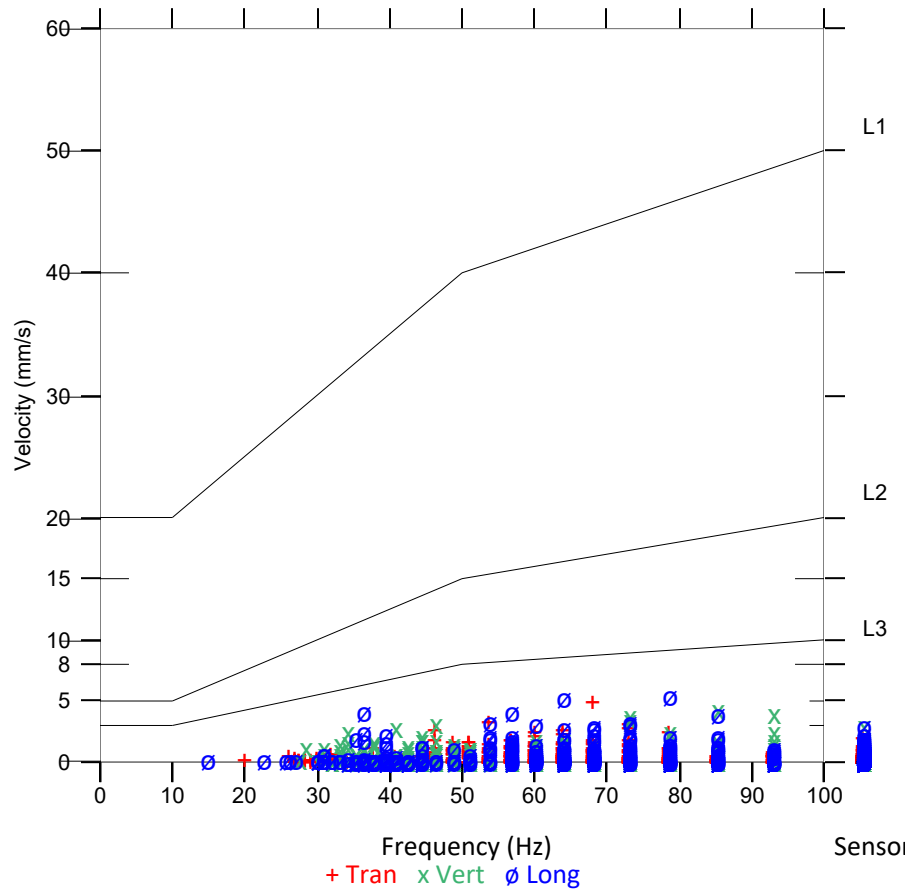
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

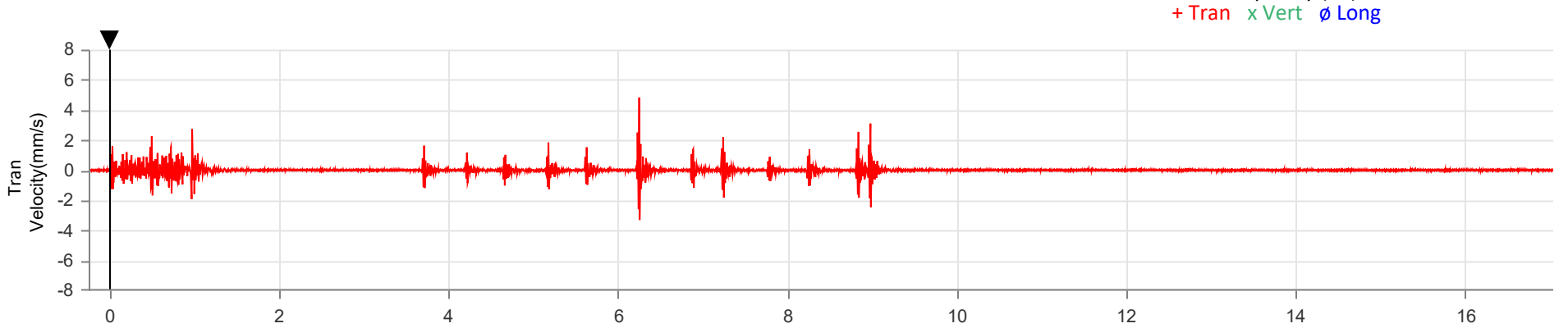
Post Event Notes No text to be displayed.

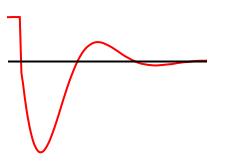
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	4.824 mm/s	4.248 mm/s	5.470 mm/s
Zero Crossing Frequency	68.3 Hz	85.3 Hz	78.8 Hz
Time (Relative to Trigger)	6.250 sec	0.963 sec	6.244 sec
Peak Acceleration	0.255 g	0.286 g	0.370 g
Peak Displacement	0.011 mm	0.009 mm	0.013 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.3
Peak Vector Sum	6.042 mm/s at 6.251 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

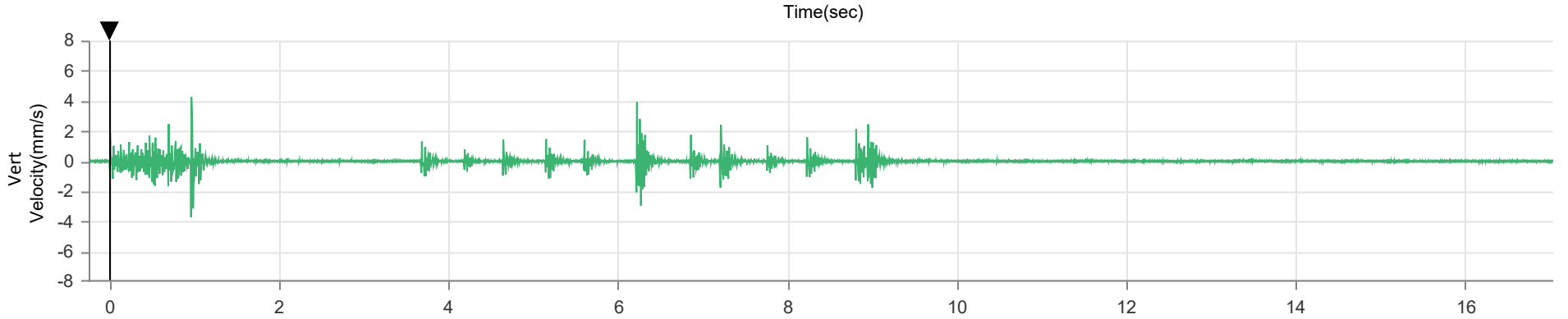


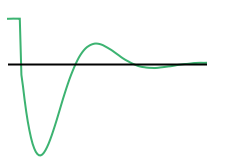
Sensor Check



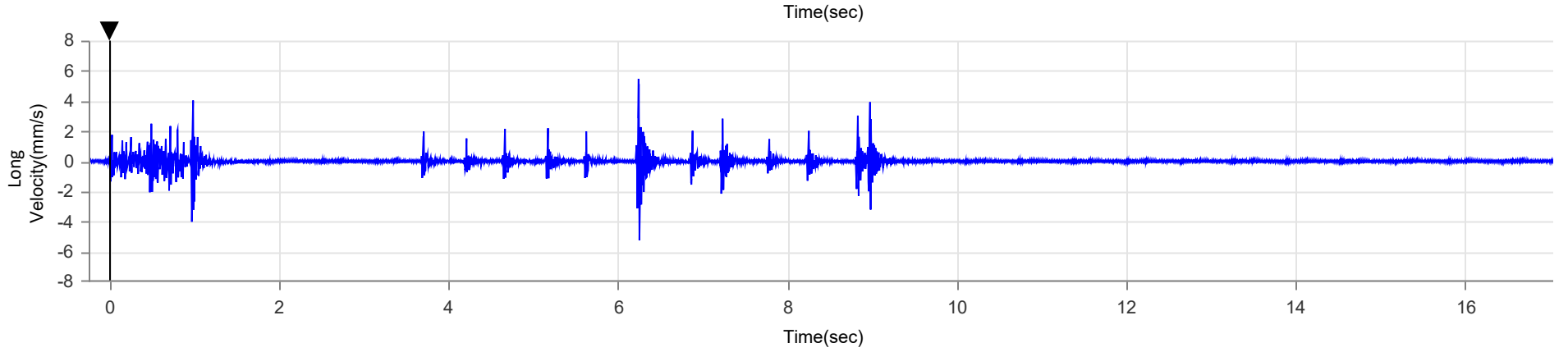


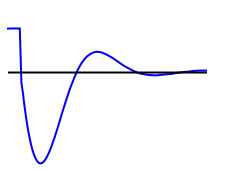
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 1, 2022 15:19:14	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/9.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221101151914.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

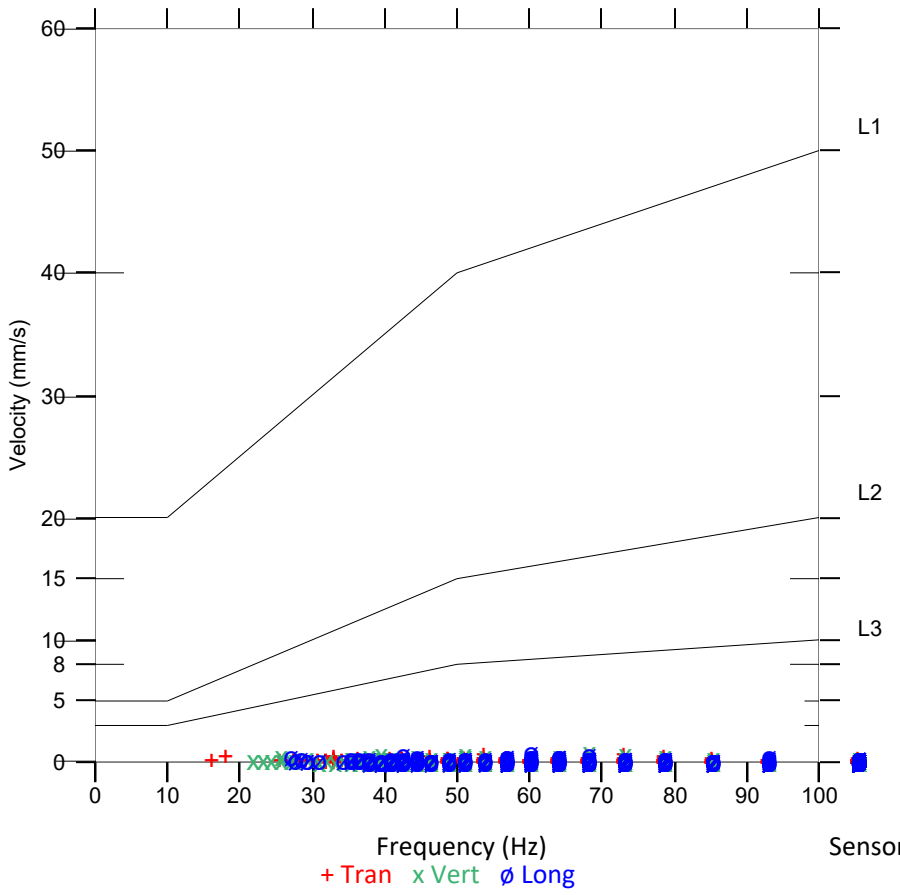
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

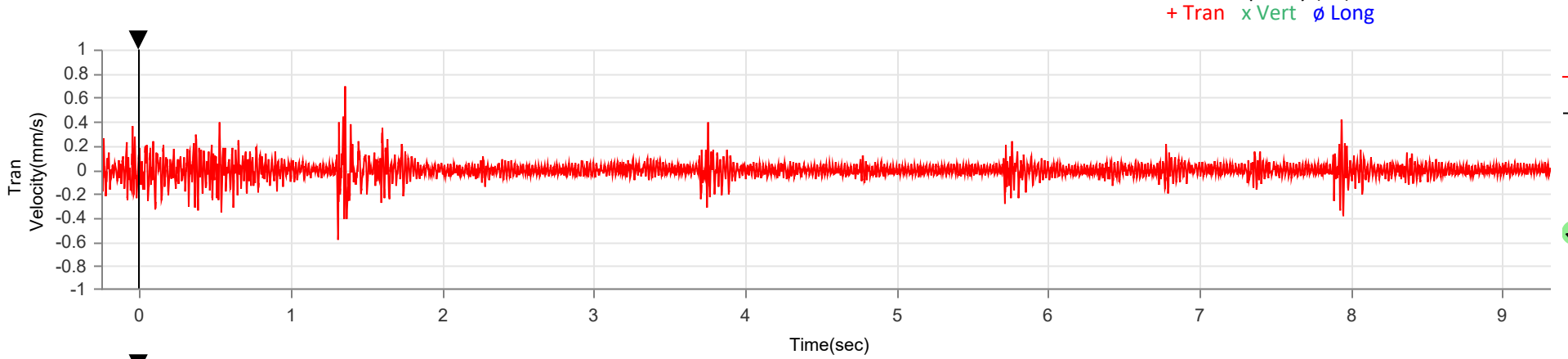
Post Event Notes No text to be displayed.

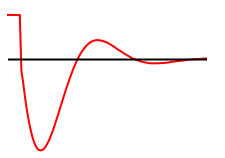
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.694 mm/s	0.804 mm/s	0.796 mm/s
Zero Crossing Frequency	53.9 Hz	68.3 Hz	60.2 Hz
Time (Relative to Trigger)	1.361 sec	1.310 sec	1.349 sec
Peak Acceleration	0.031 g	0.048 g	0.036 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.3
Peak Vector Sum	1.021 mm/s at 1.350 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

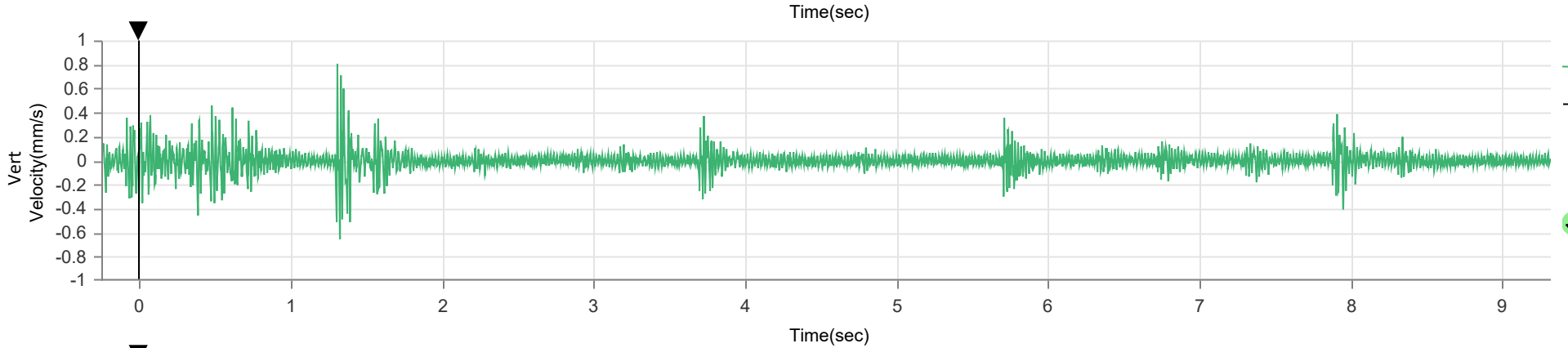


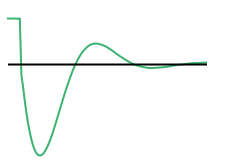
Sensor Check



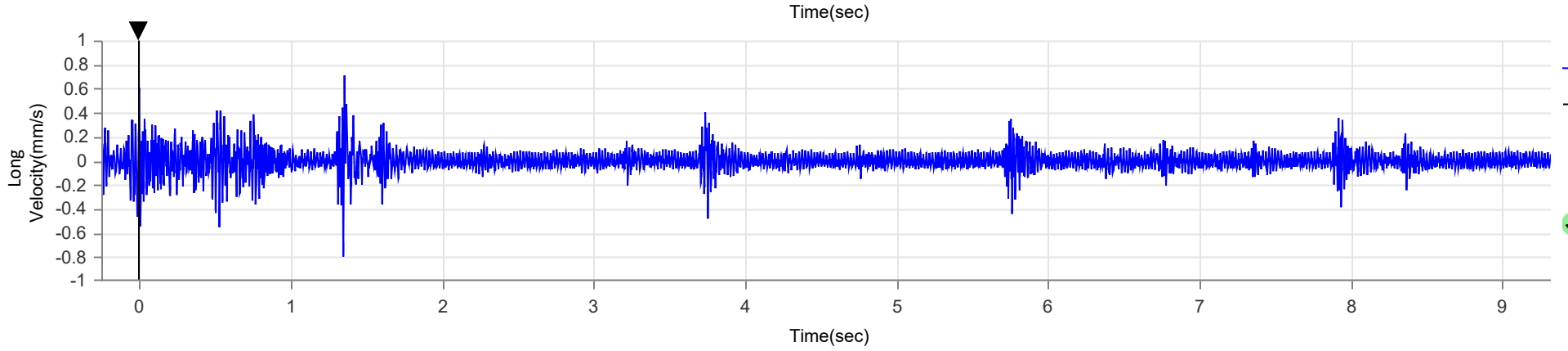


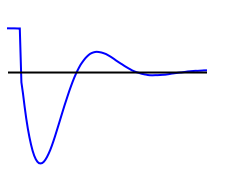
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 10:17:42	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221102101742.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

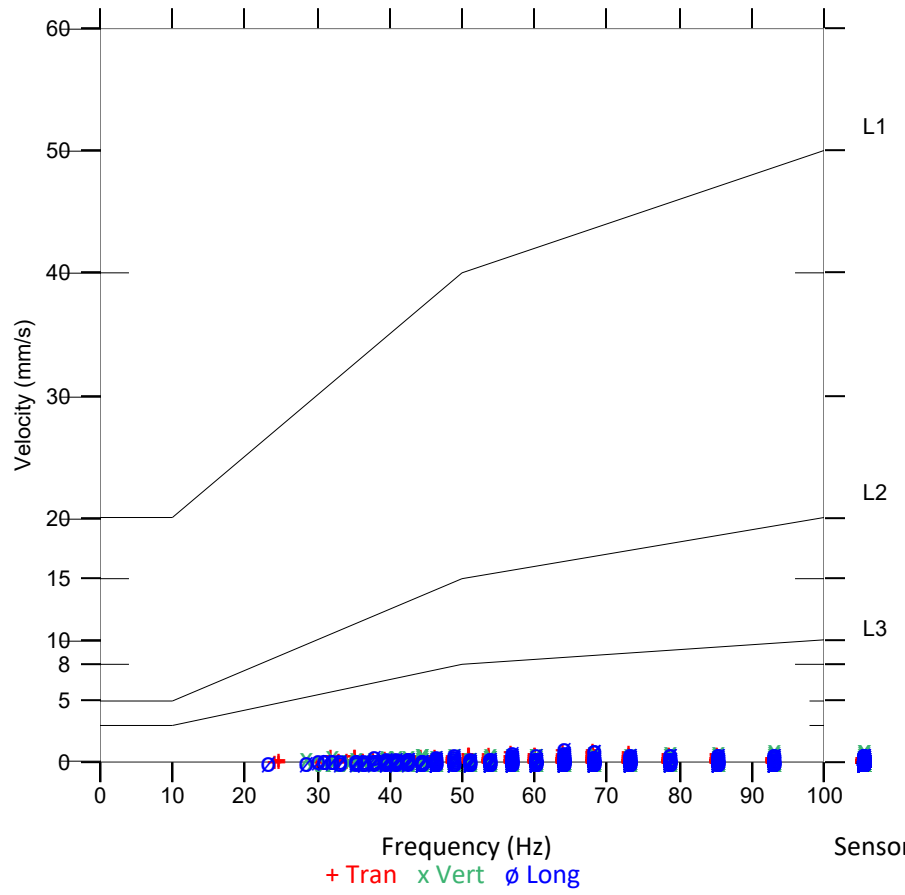
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

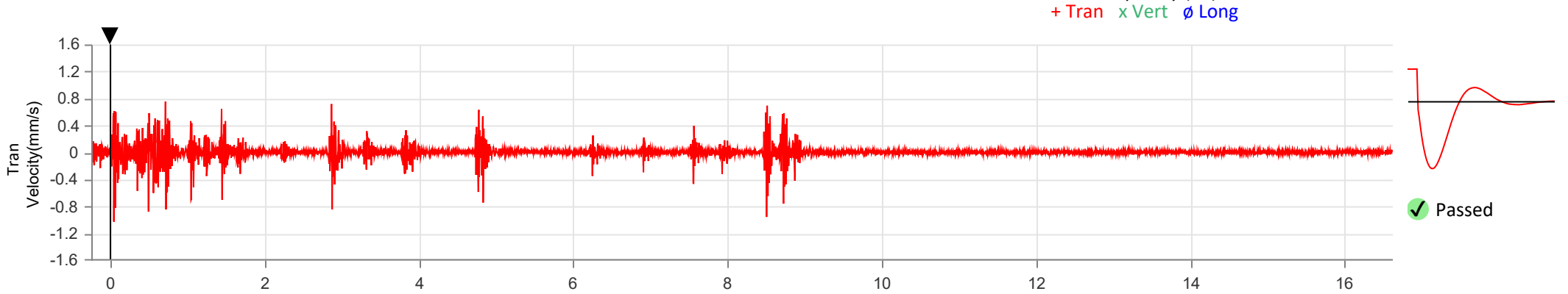
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.025 mm/s	0.985 mm/s	1.127 mm/s
Zero Crossing Frequency	73.1 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	0.045 sec	2.831 sec	4.761 sec
Peak Acceleration	0.044 g	0.061 g	0.067 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	1.340 mm/s at 2.879 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



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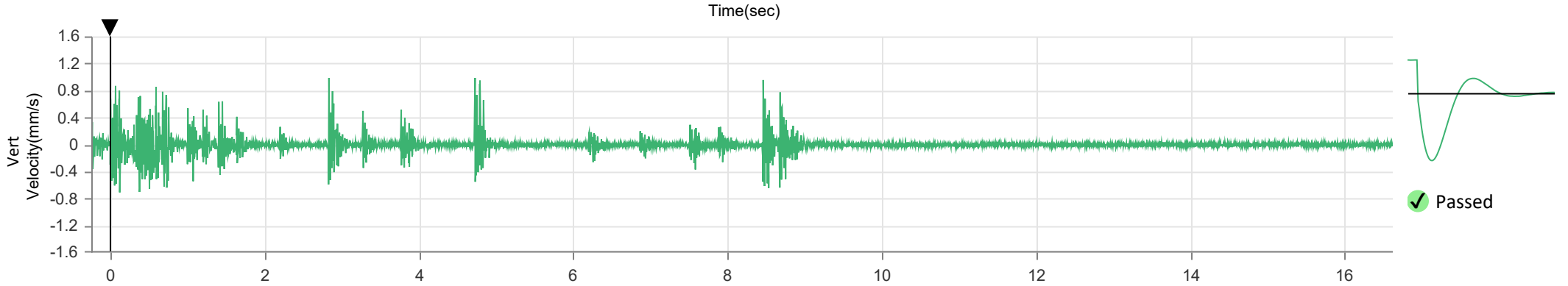
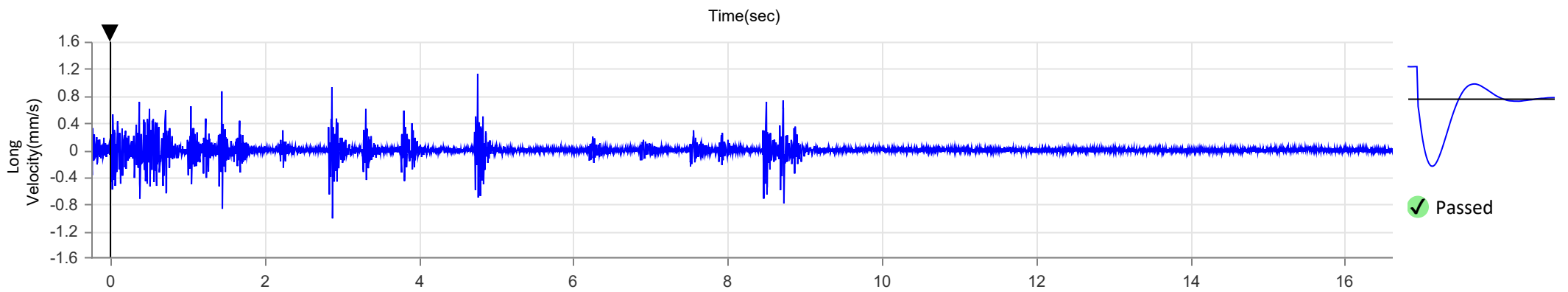


✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 11:24:57	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221102112457.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

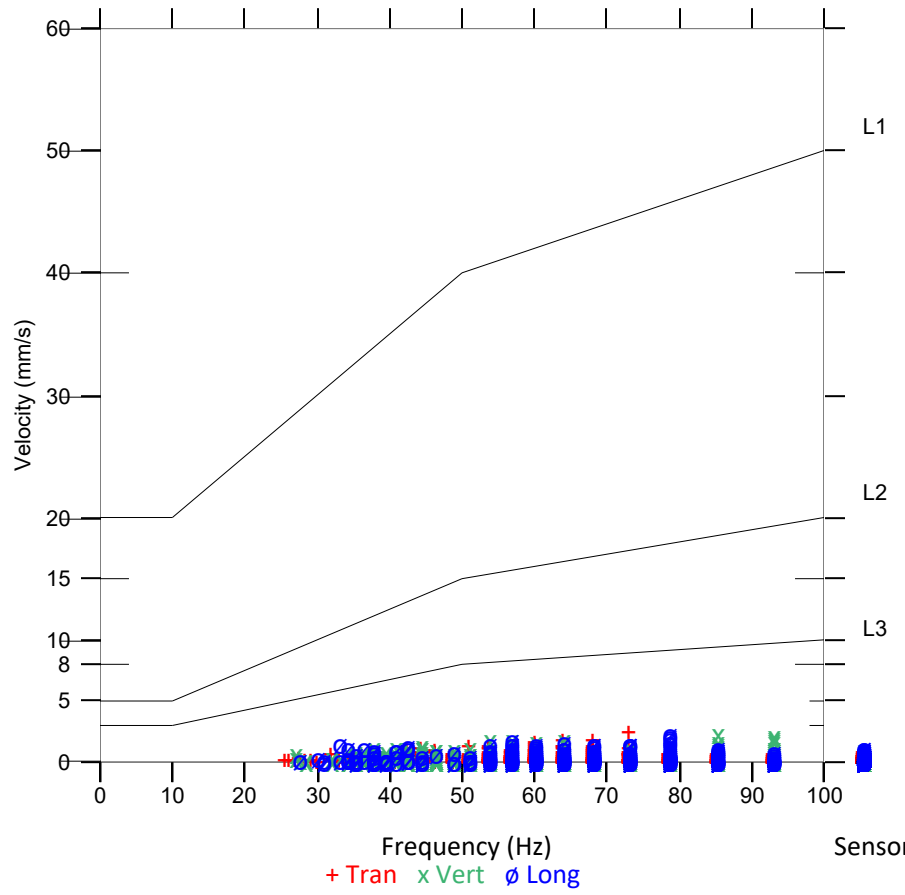
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

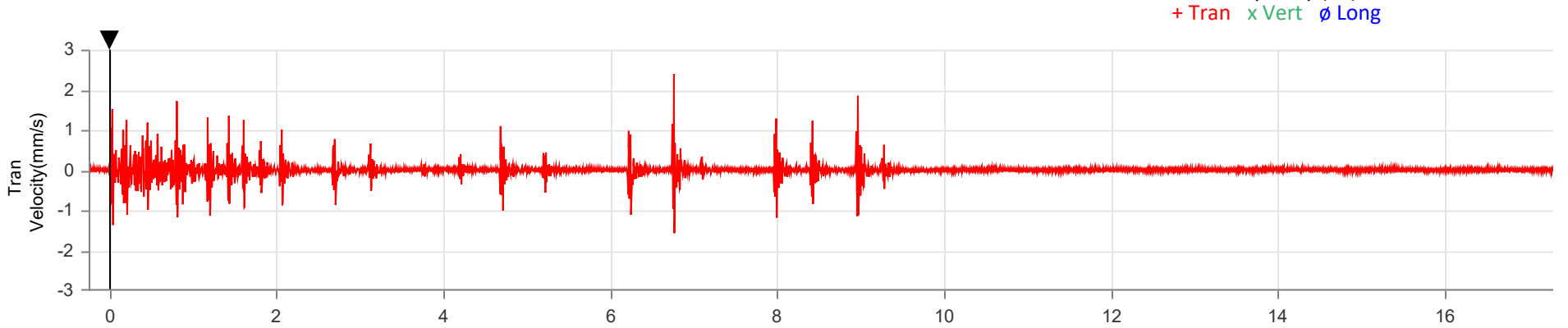
Post Event Notes No text to be displayed.

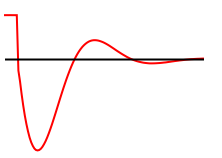
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.388 mm/s	2.238 mm/s	2.270 mm/s
Zero Crossing Frequency	73.1 Hz	85.3 Hz	78.8 Hz
Time (Relative to Trigger)	6.765 sec	1.170 sec	8.963 sec
Peak Acceleration	0.114 g	0.148 g	0.137 g
Peak Displacement	0.005 mm	0.005 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	2.990 mm/s at 6.765 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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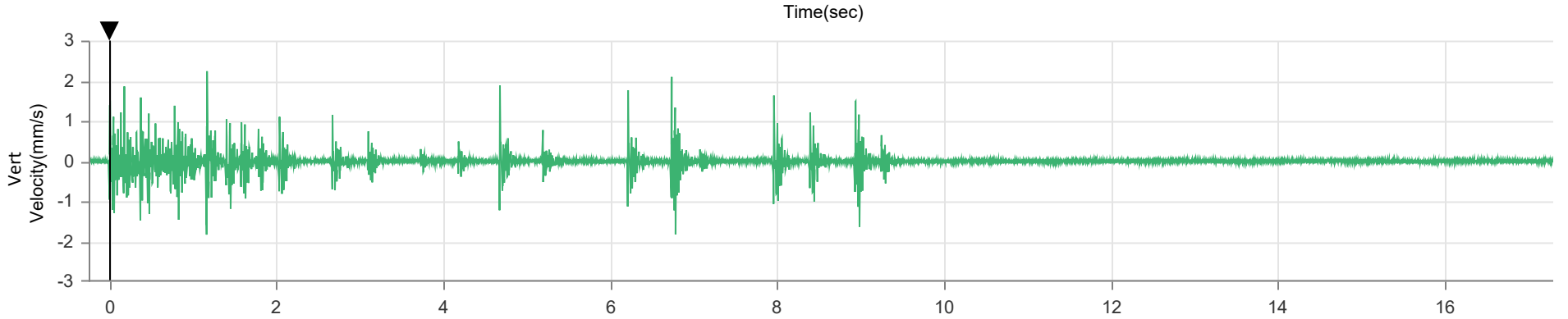
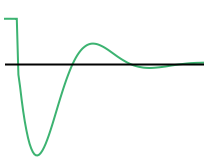
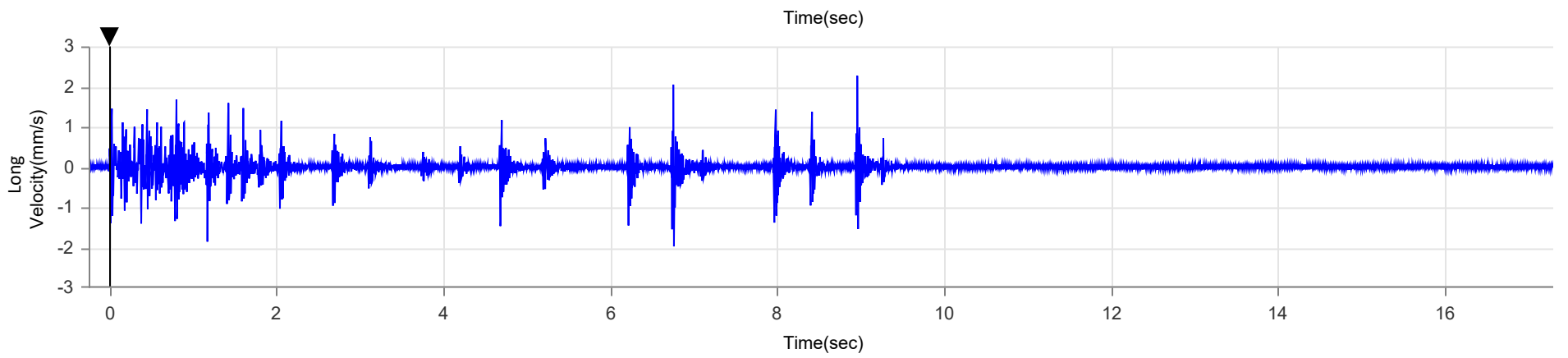
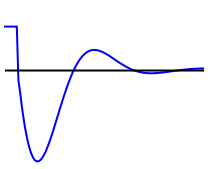




✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

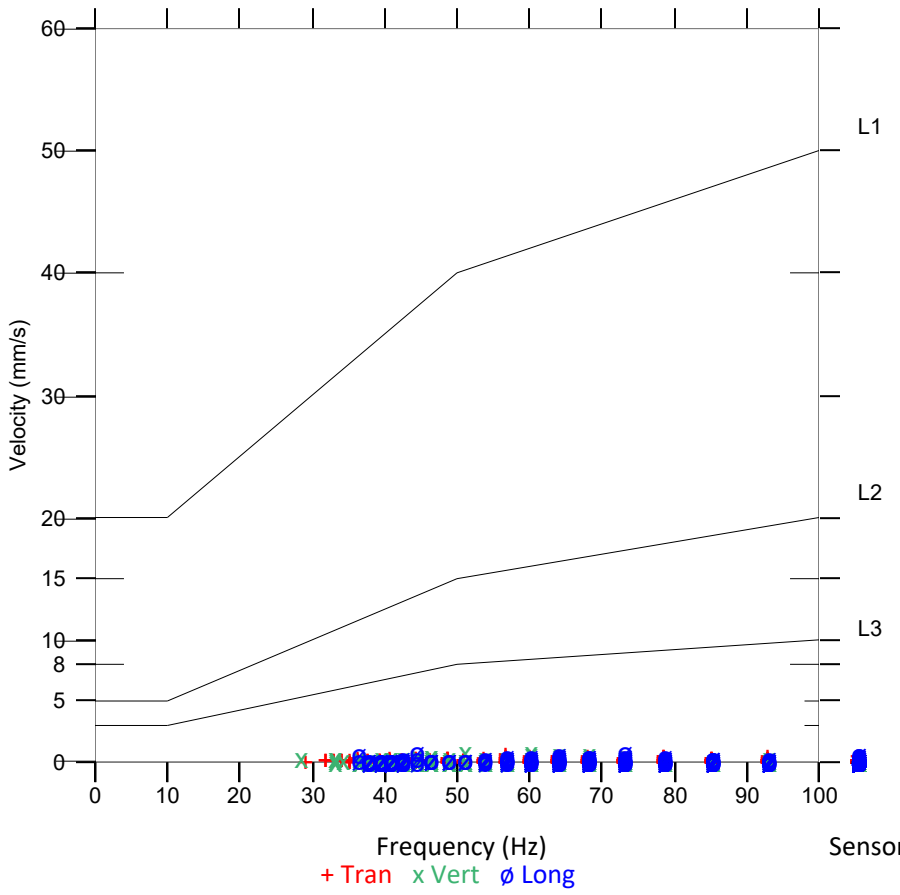
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

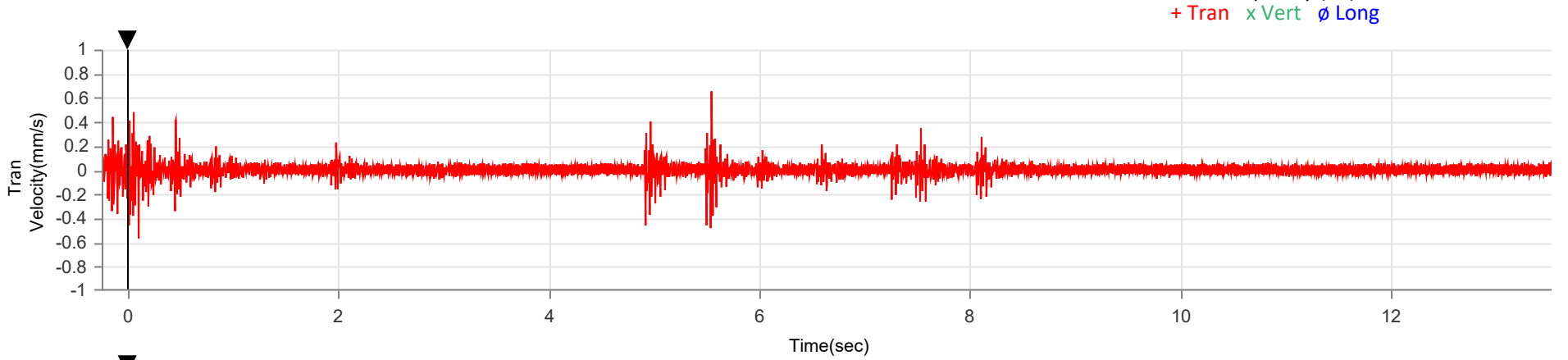
Post Event Notes No text to be displayed.

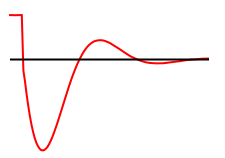
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.654 mm/s	0.875 mm/s	0.828 mm/s
Zero Crossing Frequency	56.9 Hz	64.0 Hz	73.1 Hz
Time (Relative to Trigger)	5.544 sec	0.006 sec	0.033 sec
Peak Acceleration	0.031 g	0.058 g	0.046 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	0.994 mm/s at 0.057 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

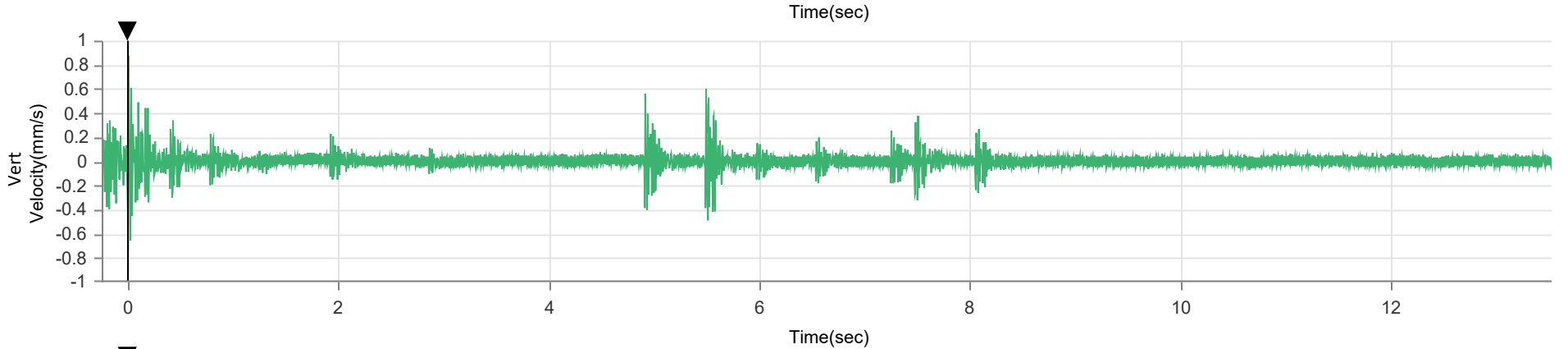


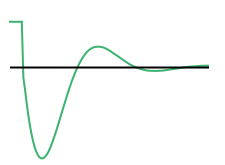
Sensor Check





✓ Passed





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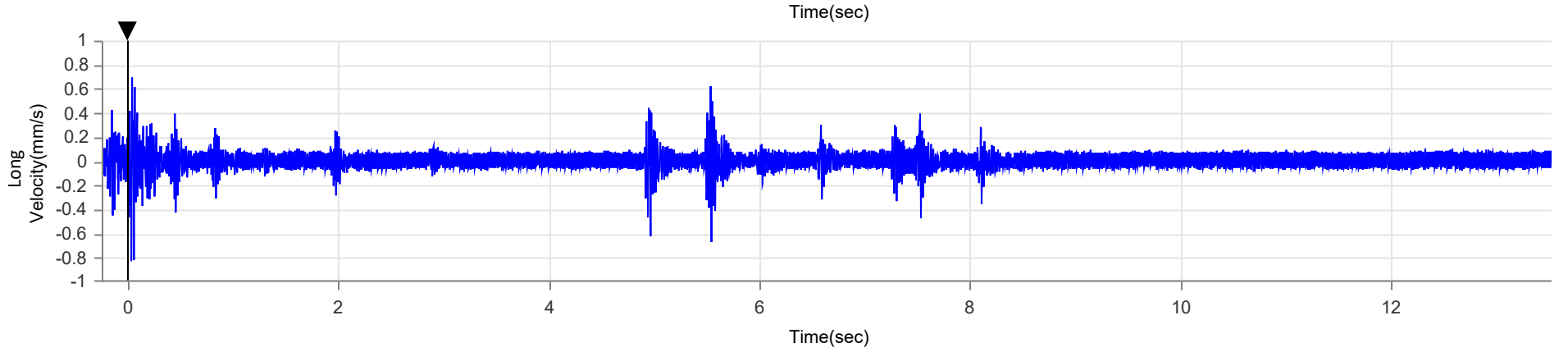
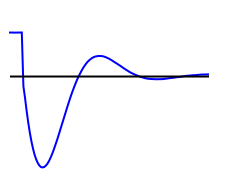




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 15:31:13	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221102153113.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

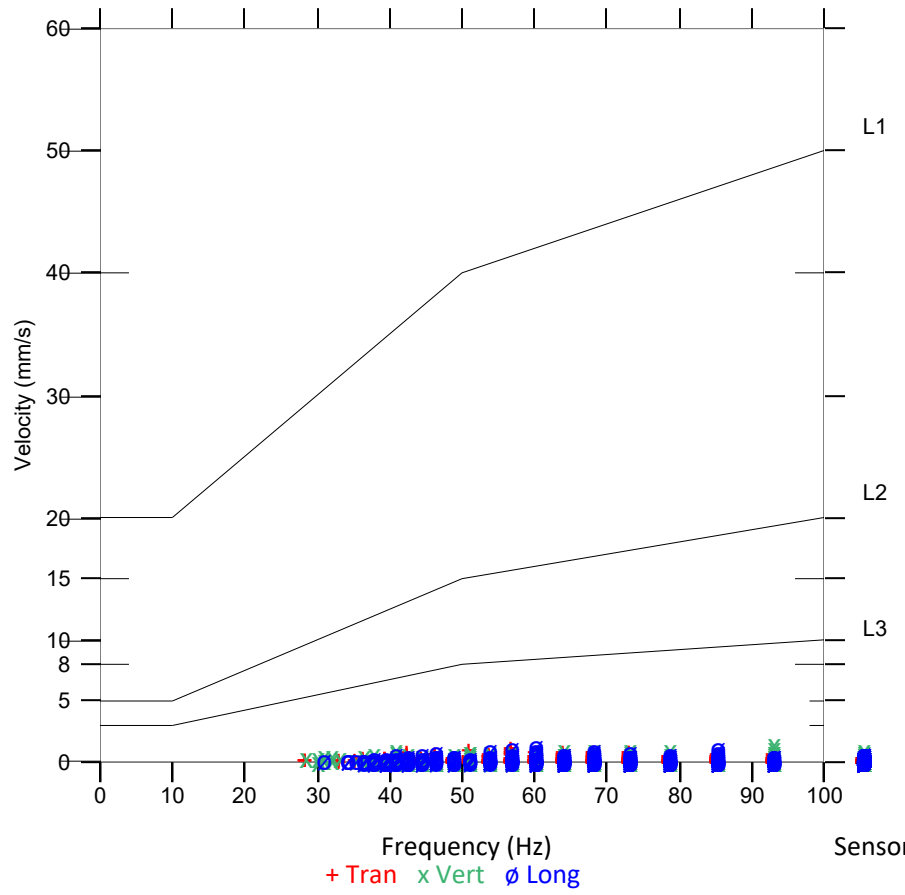
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

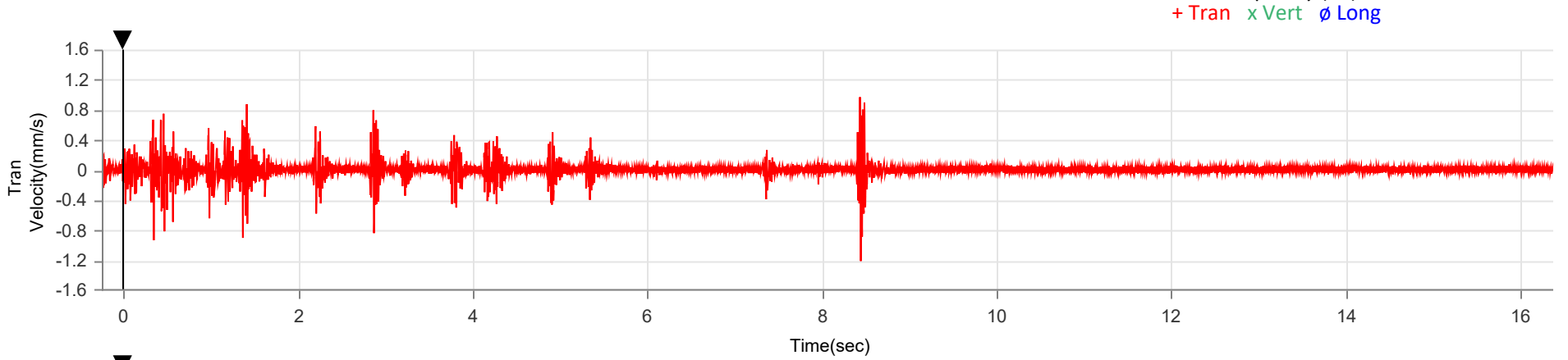
Post Event Notes No text to be displayed.

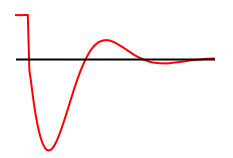
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.206 mm/s	1.395 mm/s	1.324 mm/s
Zero Crossing Frequency	56.9 Hz	85.3 Hz	60.2 Hz
Time (Relative to Trigger)	8.444 sec	8.399 sec	1.398 sec
Peak Acceleration	0.049 g	0.087 g	0.066 g
Peak Displacement	0.003 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	1.464 mm/s at 1.398 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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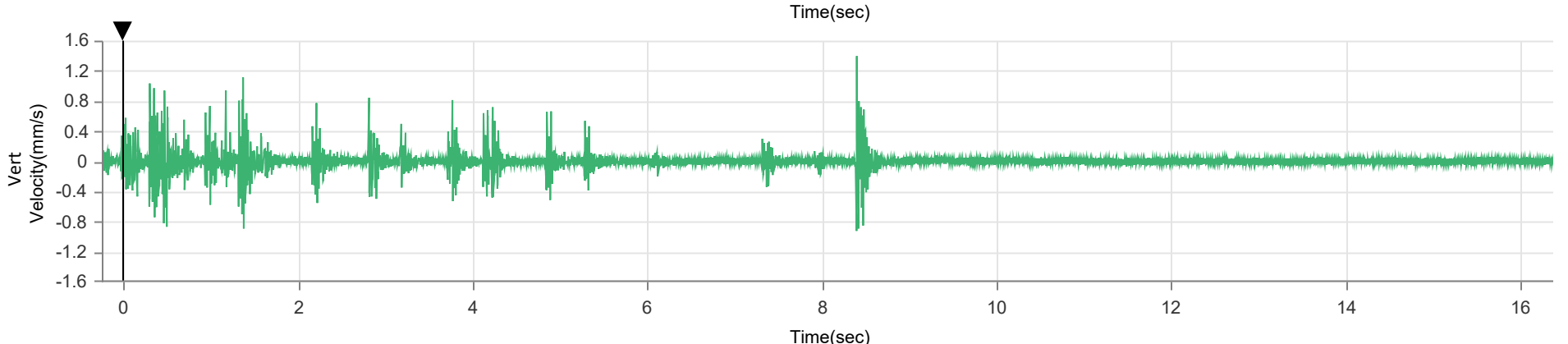

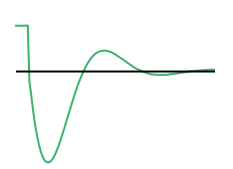

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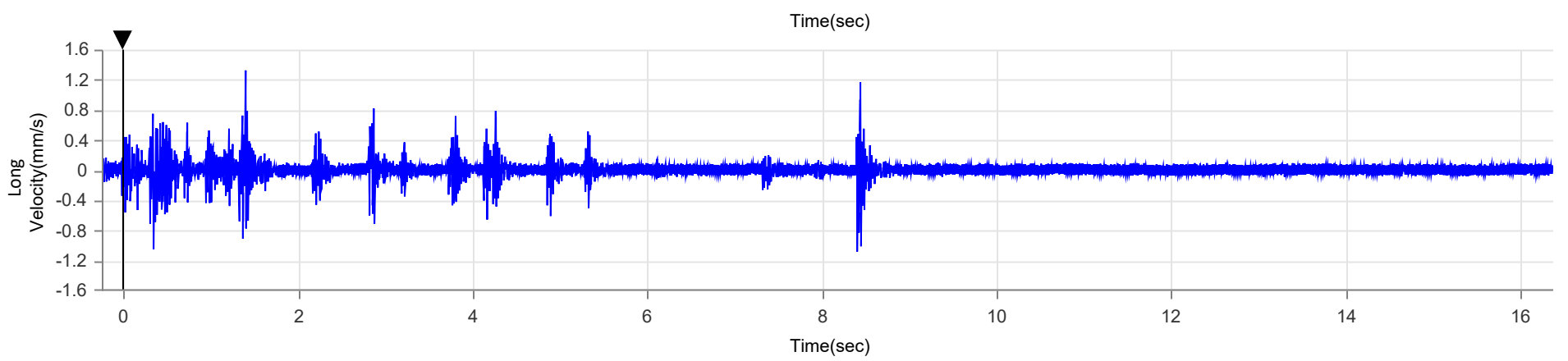

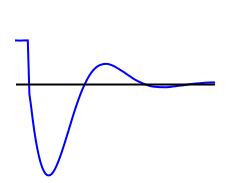

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 10:57:49	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221103105749.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

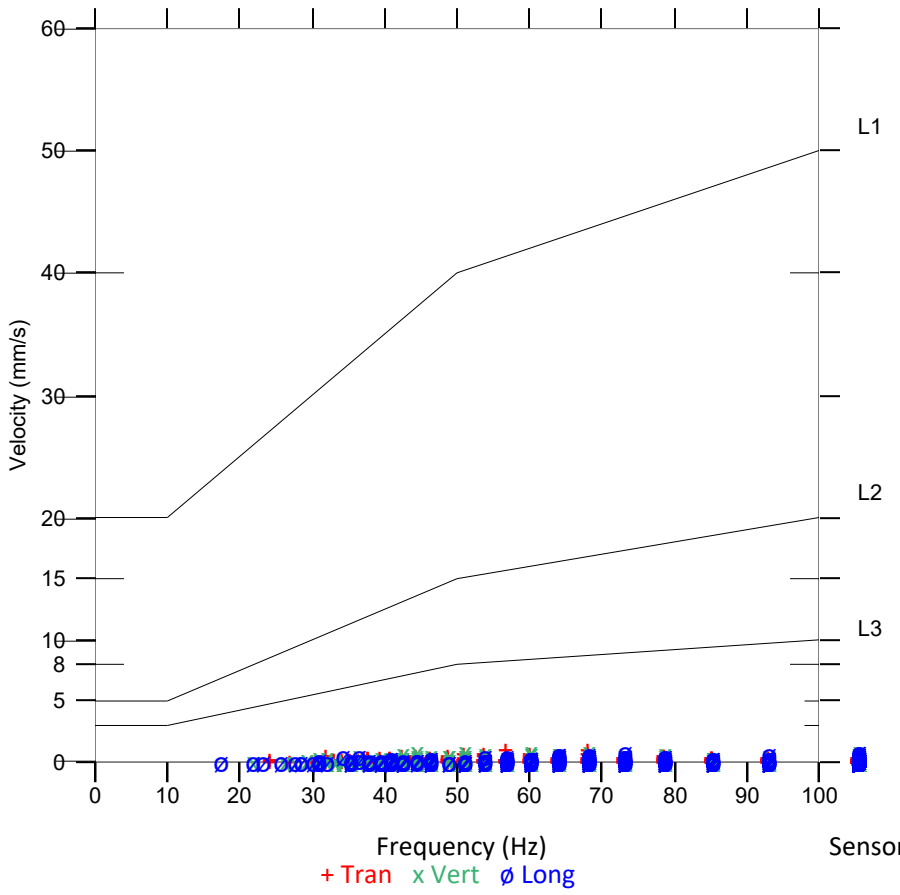
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

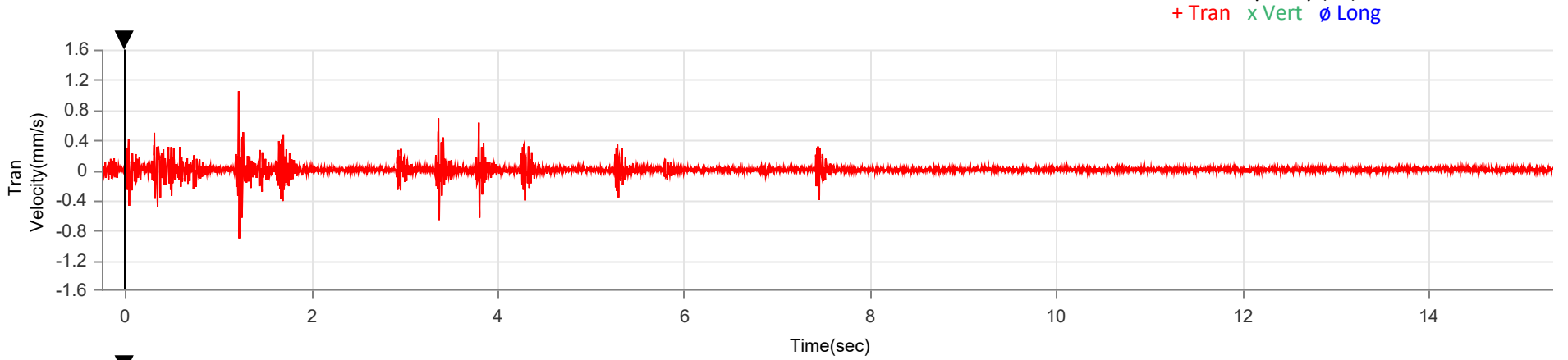
Post Event Notes No text to be displayed.

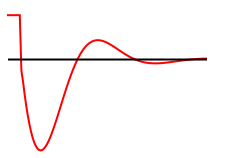
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.048 mm/s	0.812 mm/s	0.891 mm/s
Zero Crossing Frequency	56.9 Hz	56.9 Hz	>100 Hz
Time (Relative to Trigger)	1.221 sec	1.231 sec	3.377 sec
Peak Acceleration	0.049 g	0.053 g	0.069 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	1.191 mm/s at 3.377 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

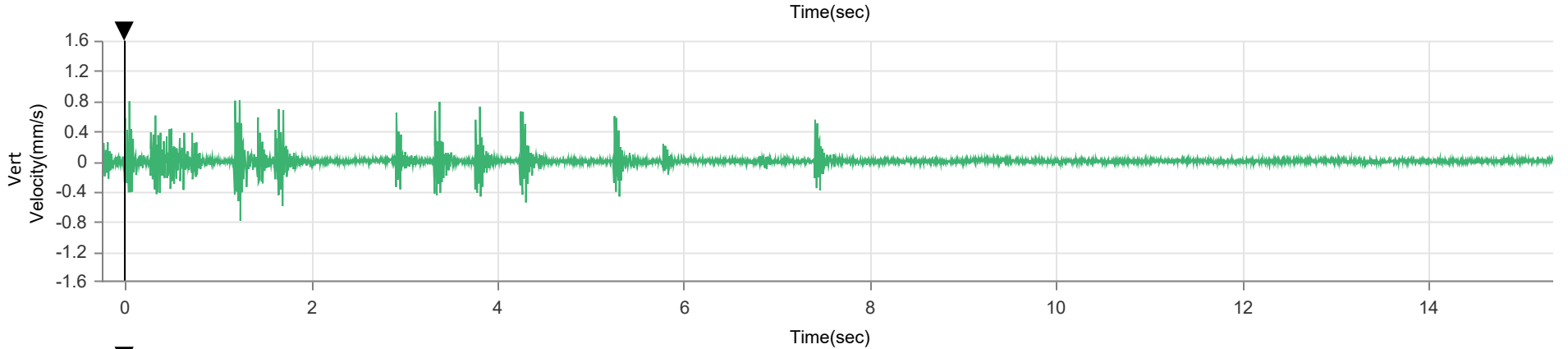


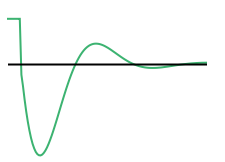
Sensor Check





✓ Passed





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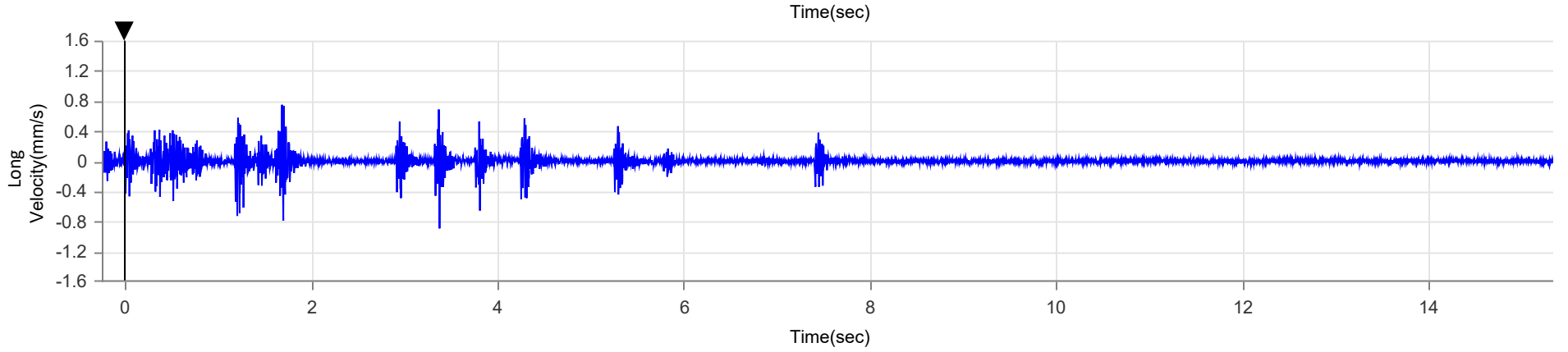

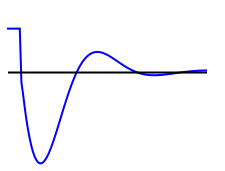

✓ Passed

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Waveform Trigger Source	Tran at November 3, 2022 12:40:40	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221103124040.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

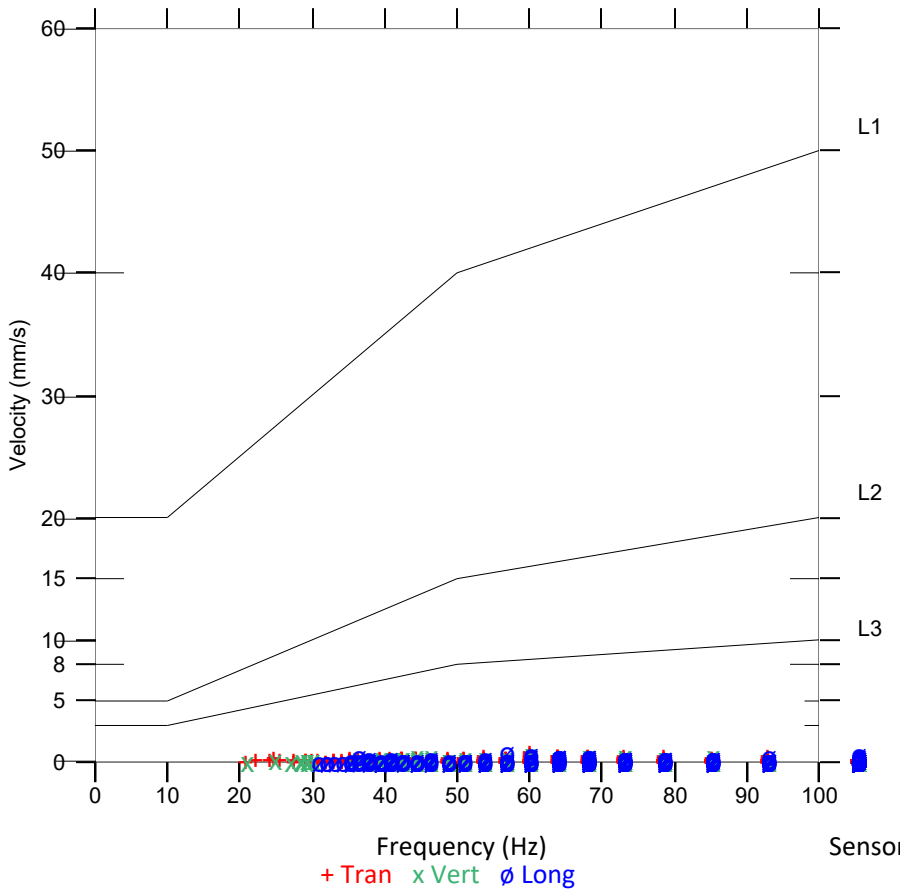
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

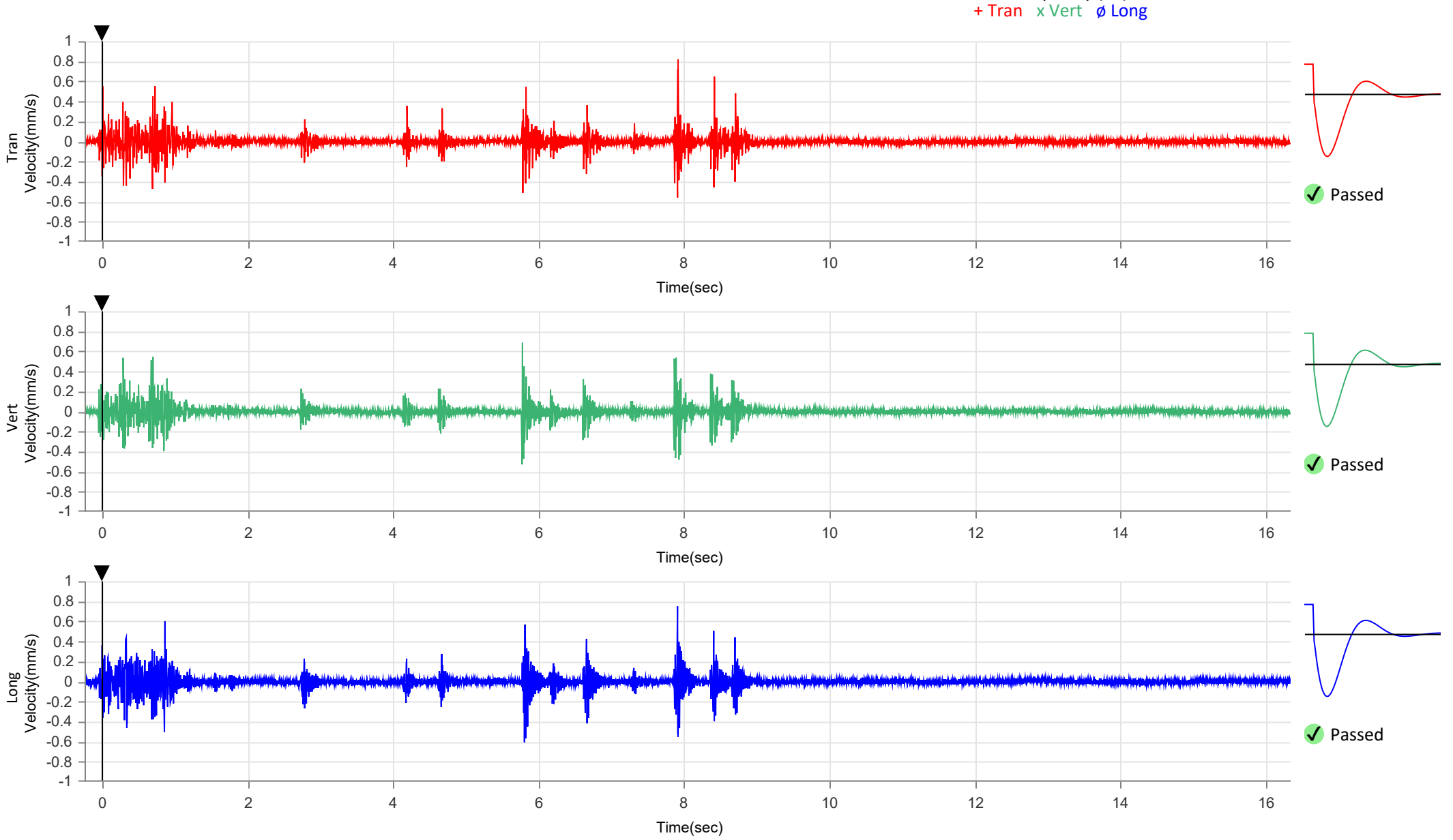
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.820 mm/s	0.686 mm/s	0.749 mm/s
Zero Crossing Frequency	60.2 Hz	56.9 Hz	60.2 Hz
Time (Relative to Trigger)	7.917 sec	5.776 sec	7.909 sec
Peak Acceleration	0.031 g	0.049 g	0.048 g
Peak Displacement	0.002 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	0.976 mm/s at 7.917 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 14:11:20	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221103141120.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

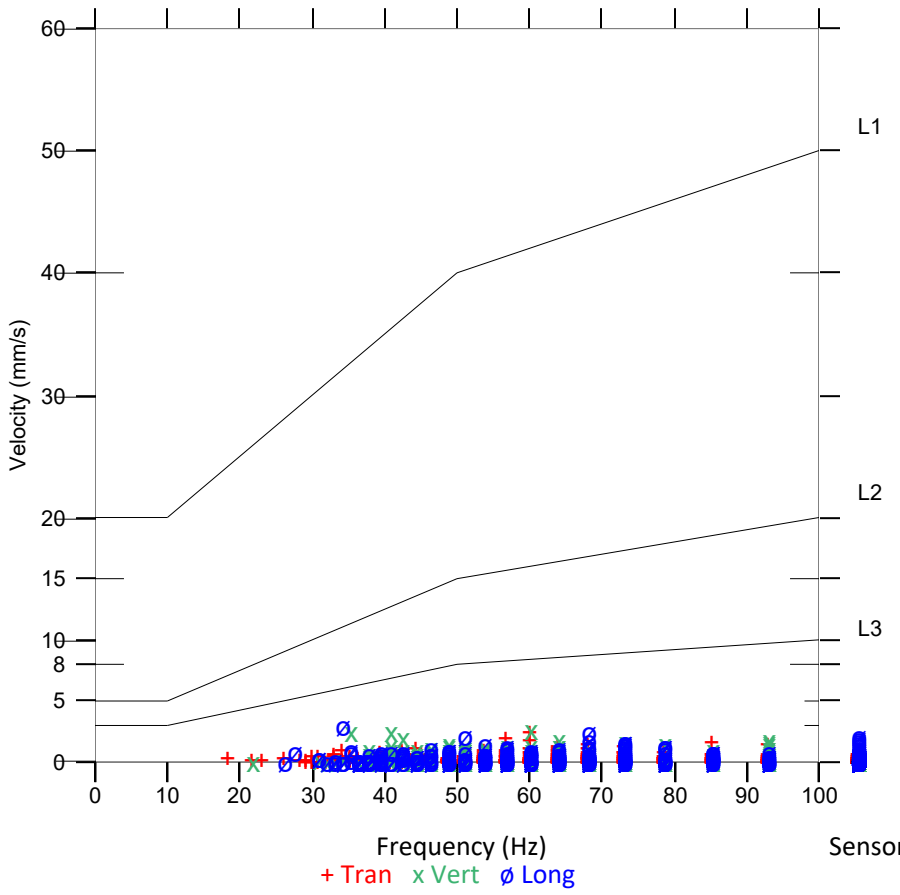
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

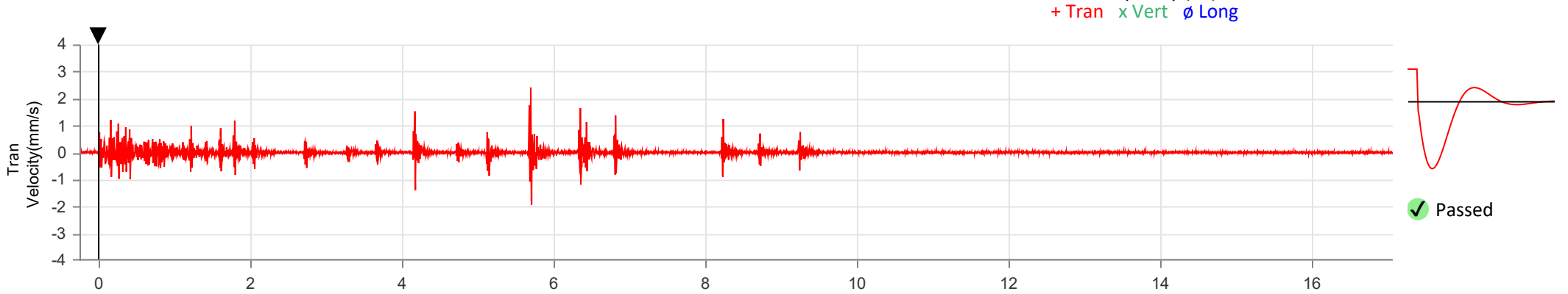
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.396 mm/s	2.680 mm/s	2.885 mm/s
Zero Crossing Frequency	60.2 Hz	60.2 Hz	34.1 Hz
Time (Relative to Trigger)	5.707 sec	5.728 sec	5.700 sec
Peak Acceleration	0.090 g	0.150 g	0.194 g
Peak Displacement	0.006 mm	0.008 mm	0.010 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	3.761 mm/s at 5.708 sec		

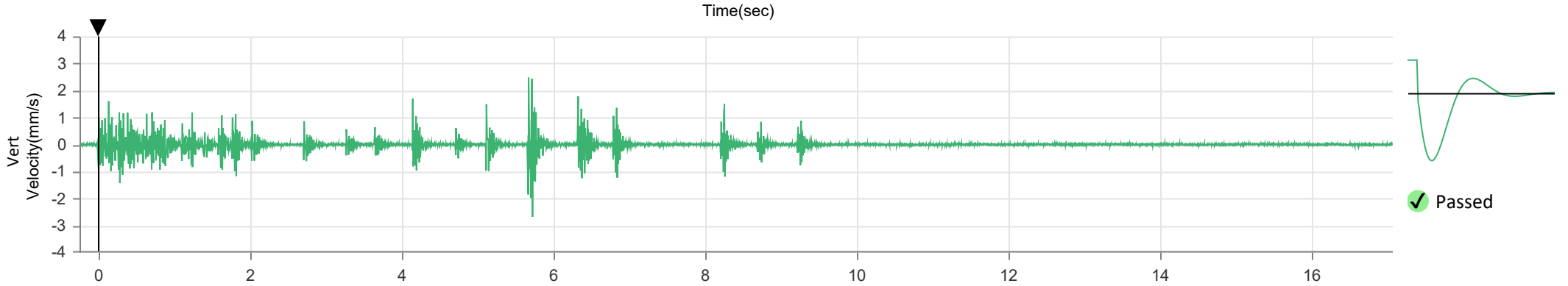
DIN4150
Velocity versus Frequency (Zero Crossing)



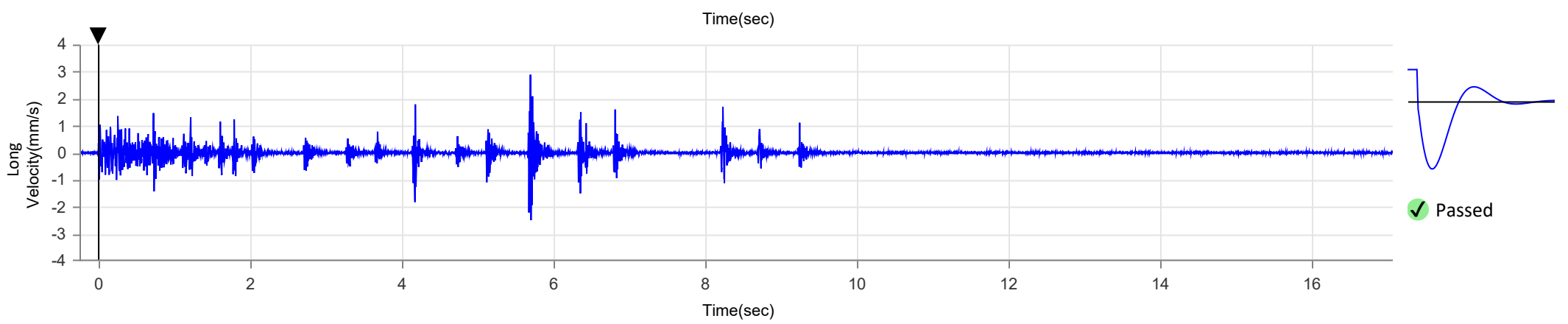
Sensor Check



✓ Passed



✓ Passed



✓ Passed

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Waveform Trigger Source	Tran at November 4, 2022 09:53:09	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

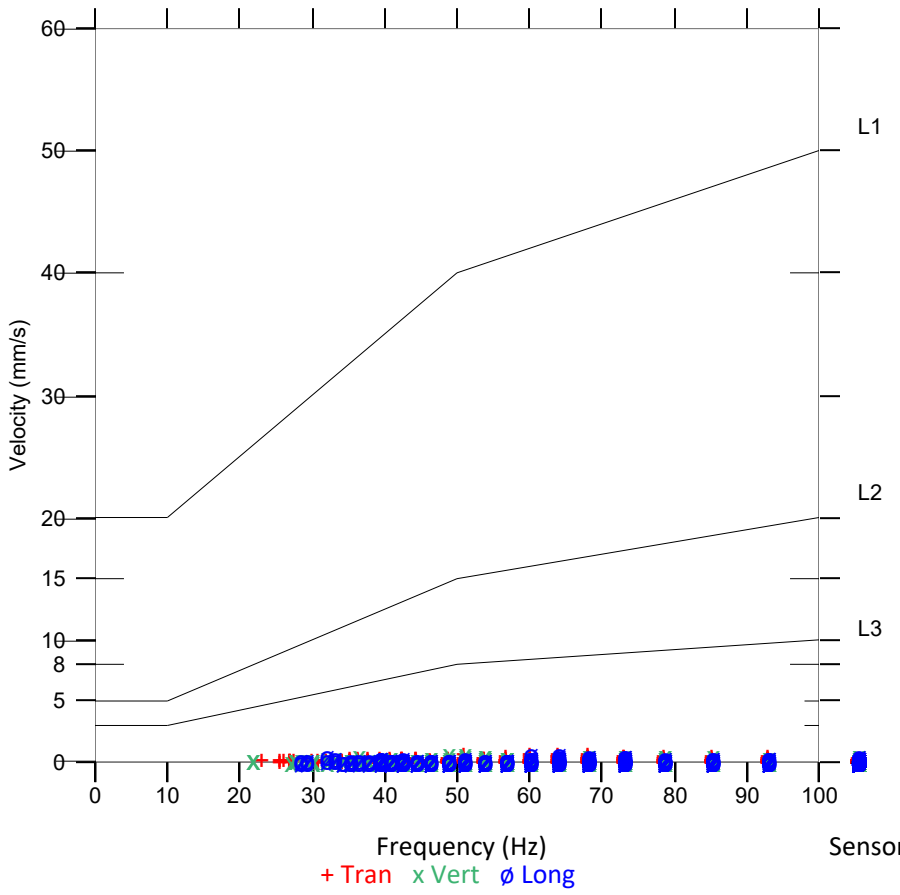
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

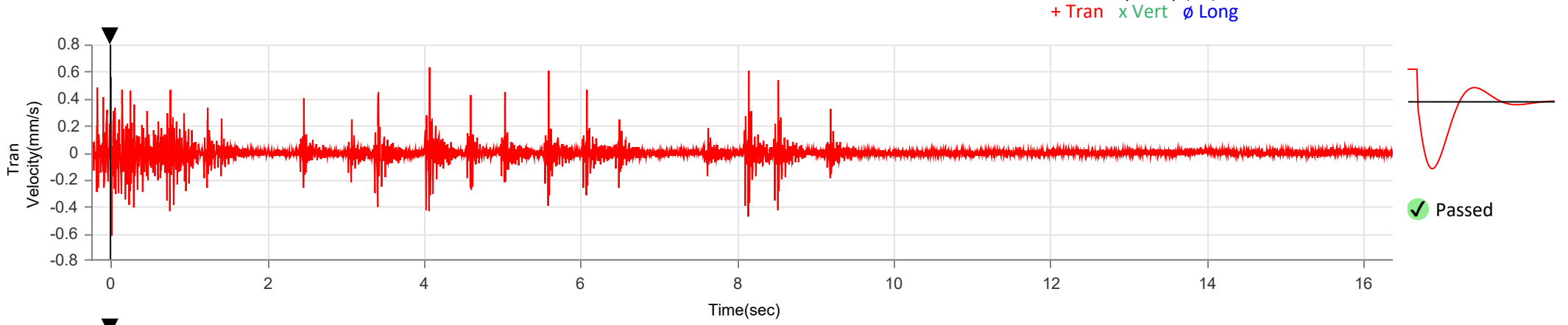
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.631 mm/s	0.638 mm/s	0.678 mm/s
Zero Crossing Frequency	60.2 Hz	53.9 Hz	60.2 Hz
Time (Relative to Trigger)	4.073 sec	4.023 sec	0.759 sec
Peak Acceleration	0.031 g	0.056 g	0.054 g
Peak Displacement	0.002 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	0.782 mm/s at 0.759 sec		

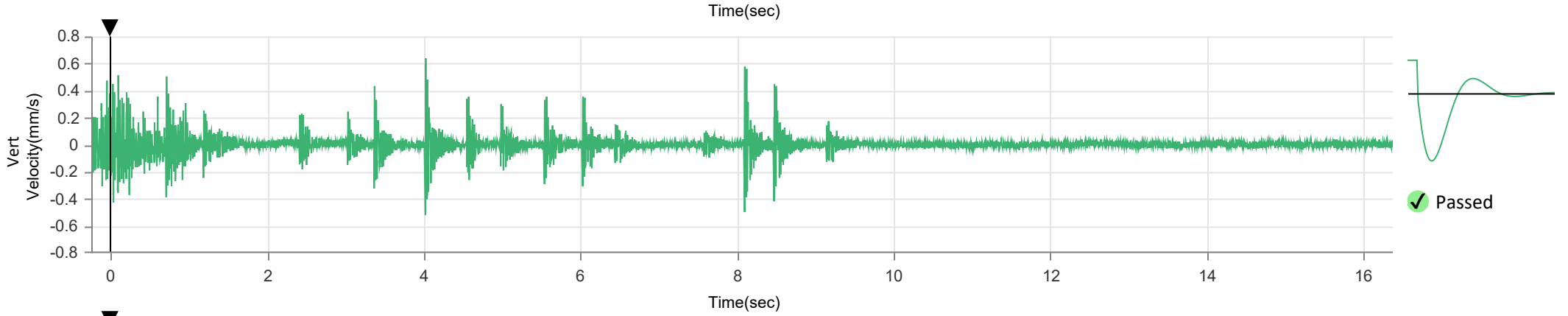
DIN4150
Velocity versus Frequency (Zero Crossing)



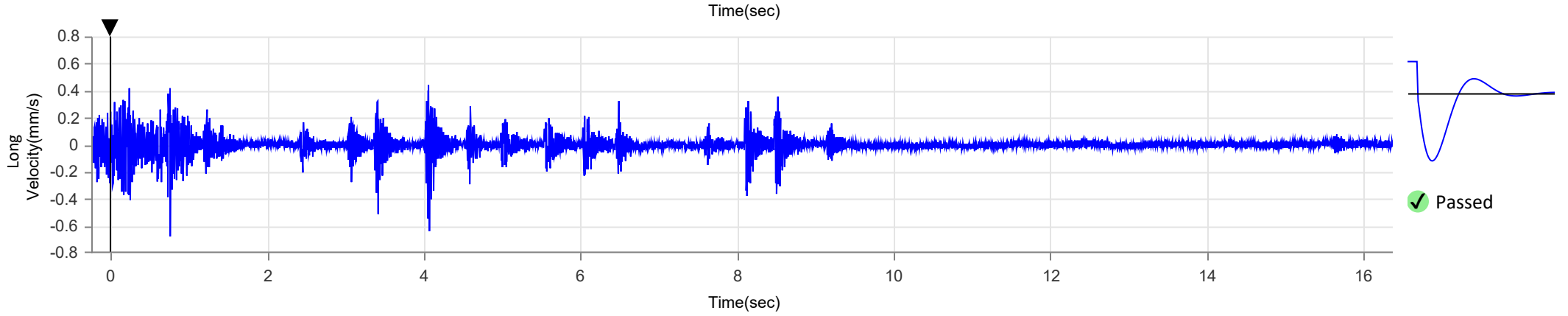
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 4, 2022 11:13:25	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221104111325.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

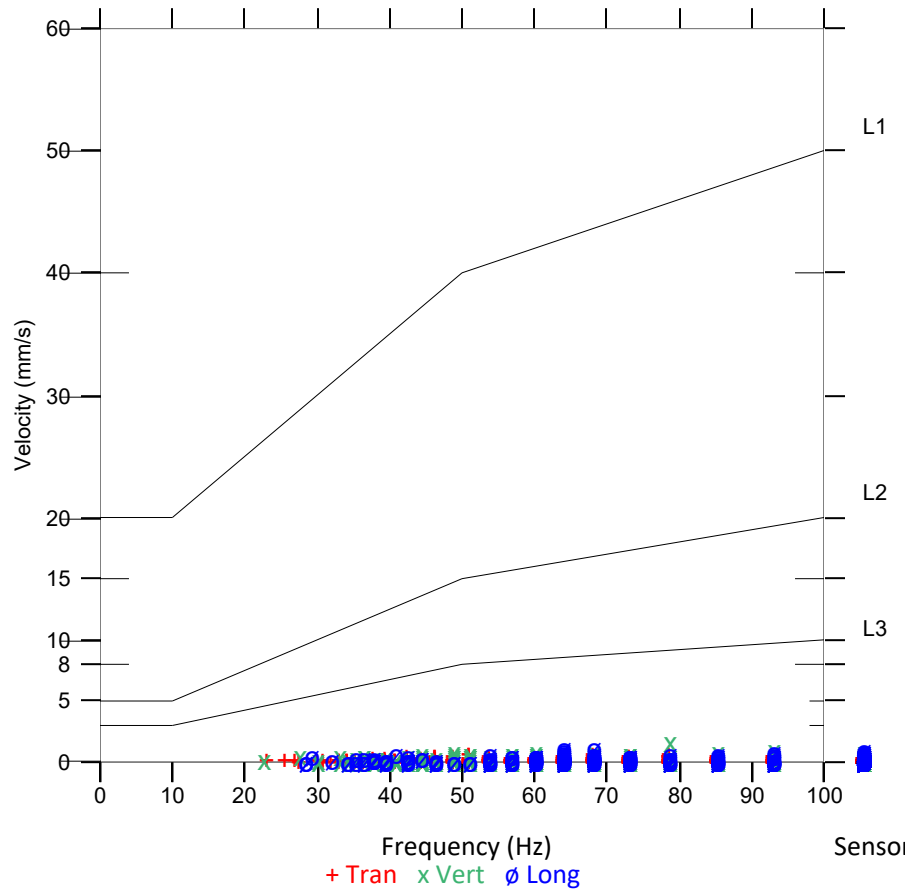
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

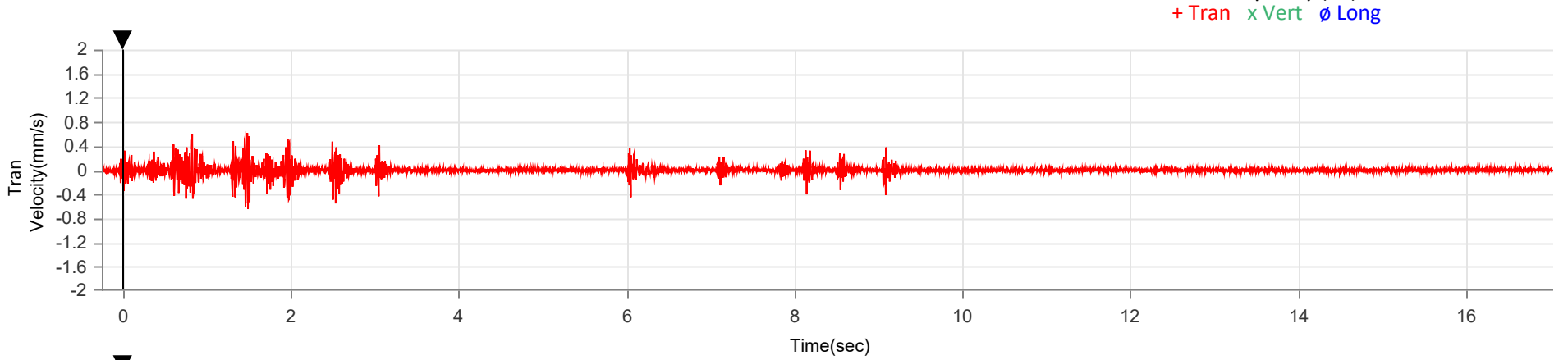
Post Event Notes No text to be displayed.

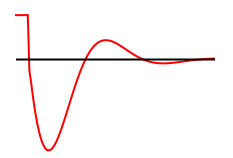
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.646 mm/s	1.600 mm/s	1.103 mm/s
Zero Crossing Frequency	68.3 Hz	78.8 Hz	64.0 Hz
Time (Relative to Trigger)	1.491 sec	1.465 sec	0.813 sec
Peak Acceleration	0.043 g	0.084 g	0.086 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	1.776 mm/s at 1.465 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

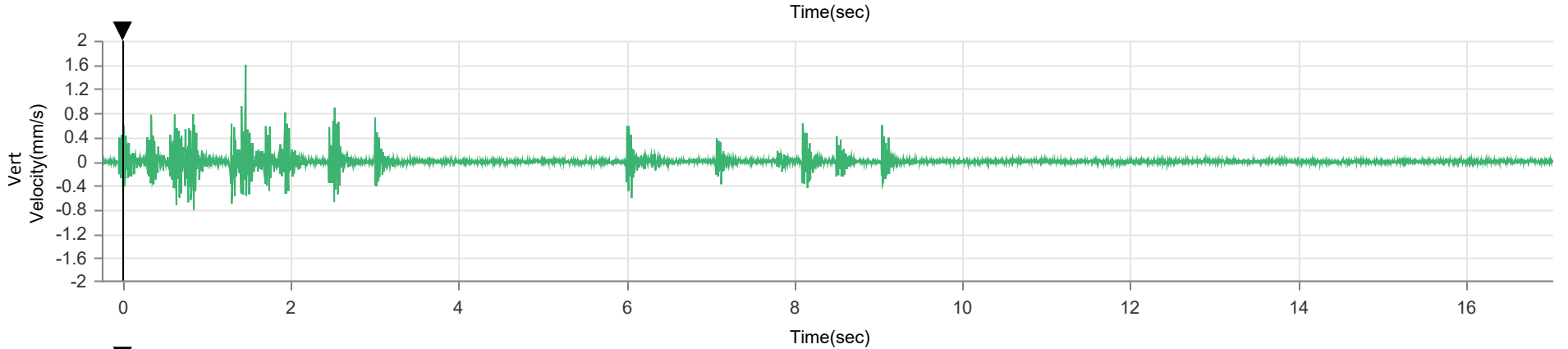


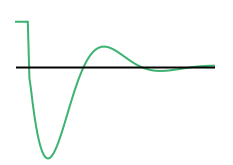
Sensor Check



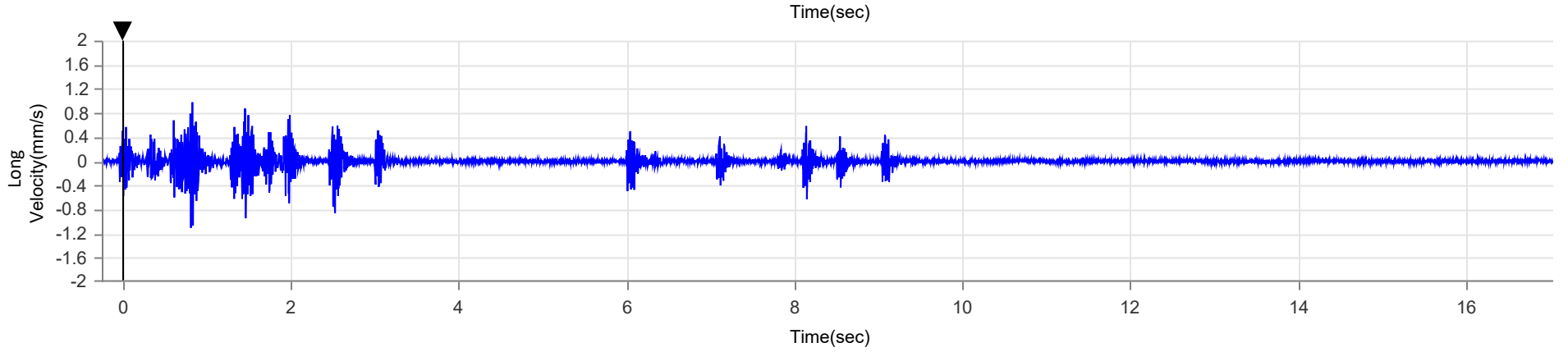


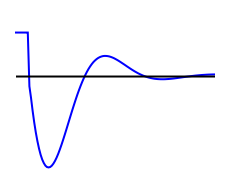
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:04	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/16.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221104120004.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

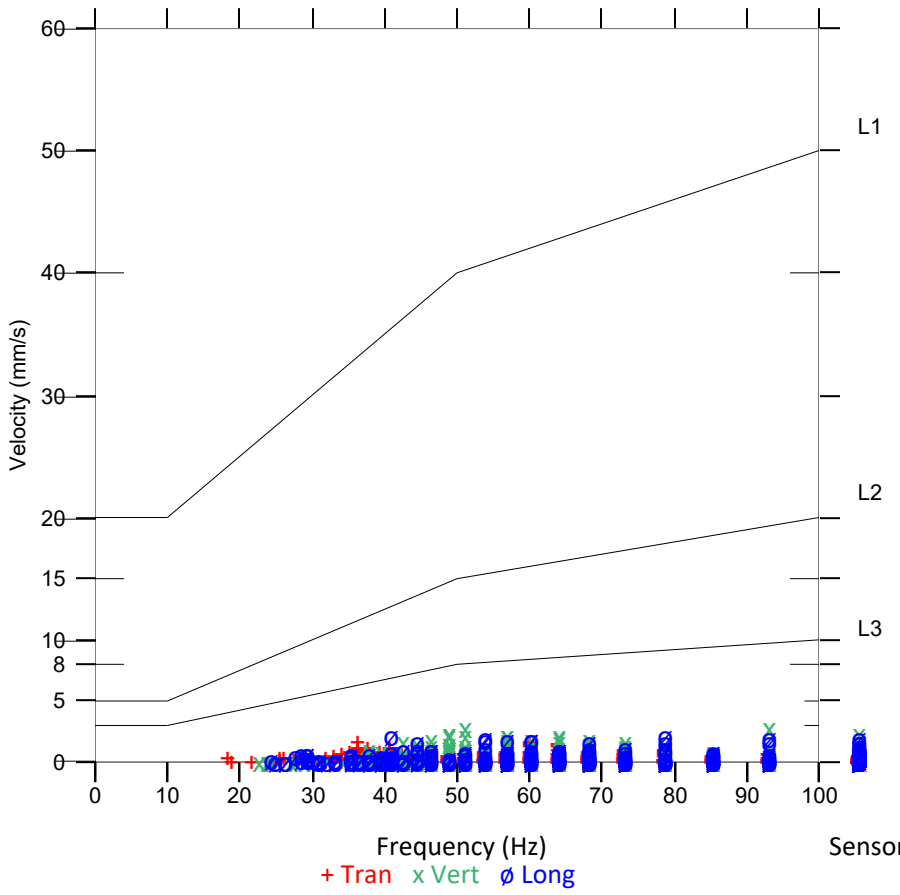
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

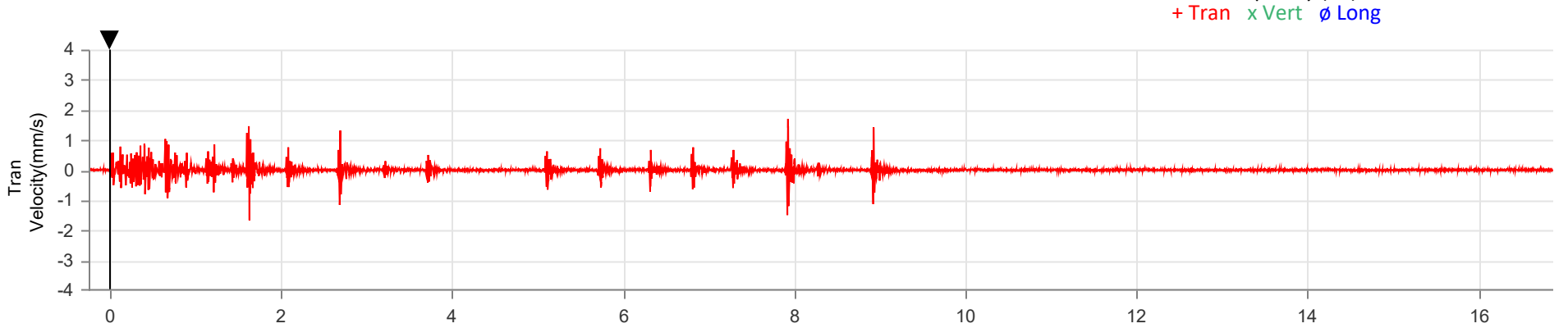
Post Event Notes No text to be displayed.

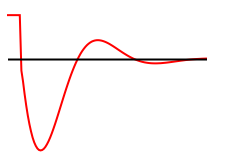
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.702 mm/s	2.822 mm/s	2.128 mm/s
Zero Crossing Frequency	60.2 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	7.927 sec	7.939 sec	0.657 sec
Peak Acceleration	0.099 g	0.171 g	0.160 g
Peak Displacement	0.005 mm	0.007 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	3.320 mm/s at 7.939 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

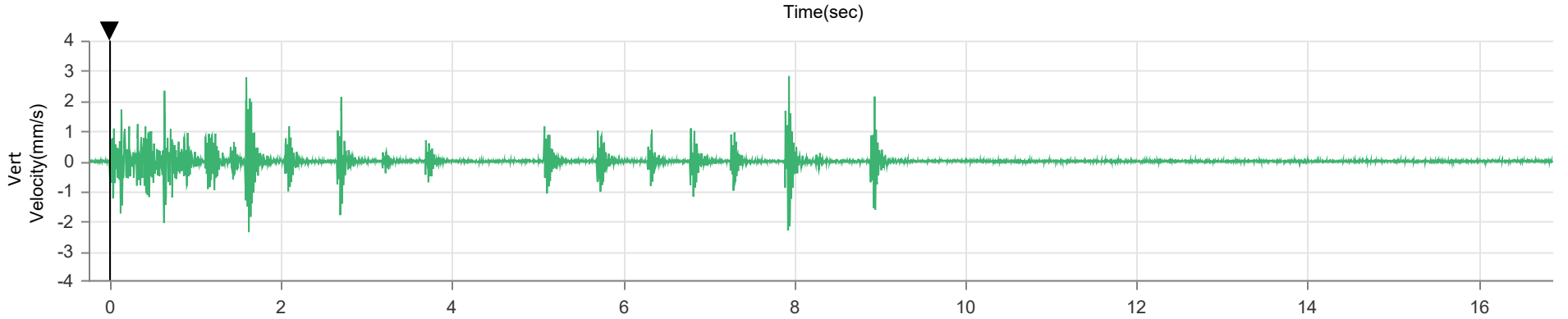


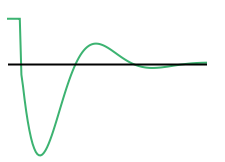
Sensor Check





✓ Passed





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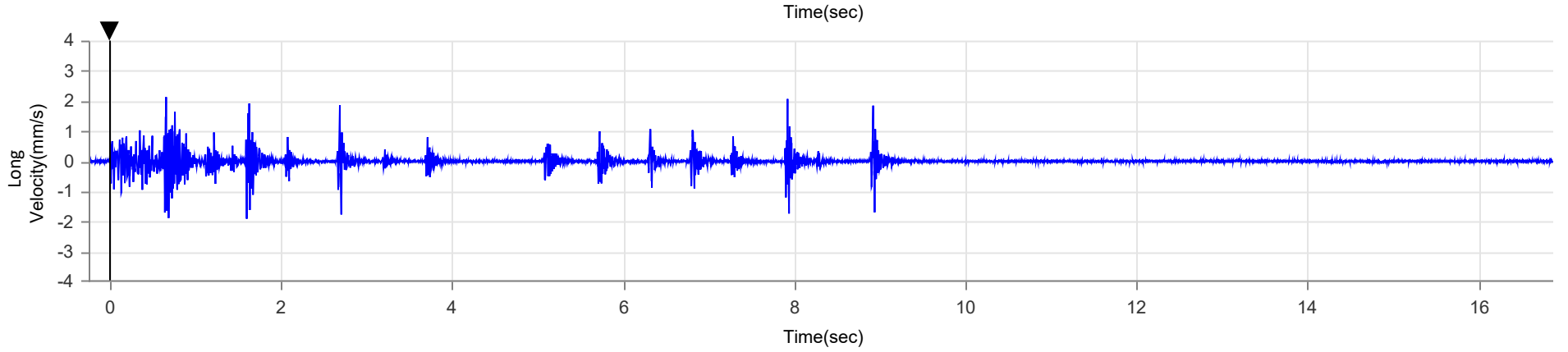

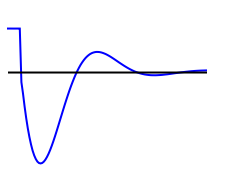

✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 09:55:11	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

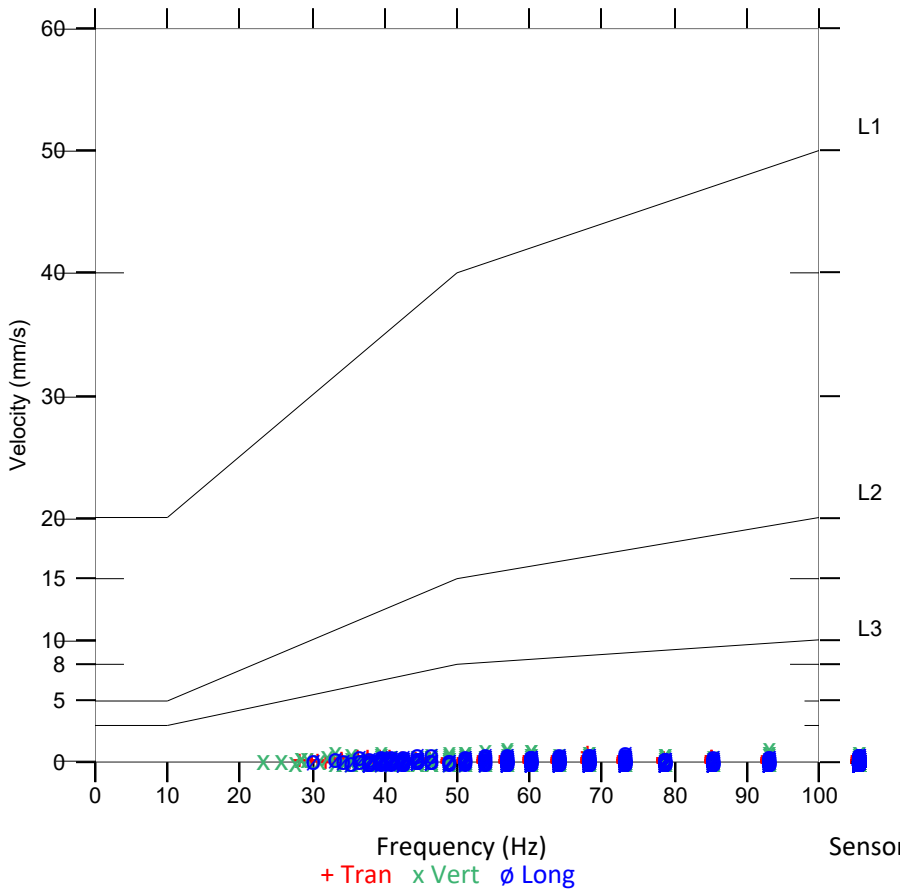
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

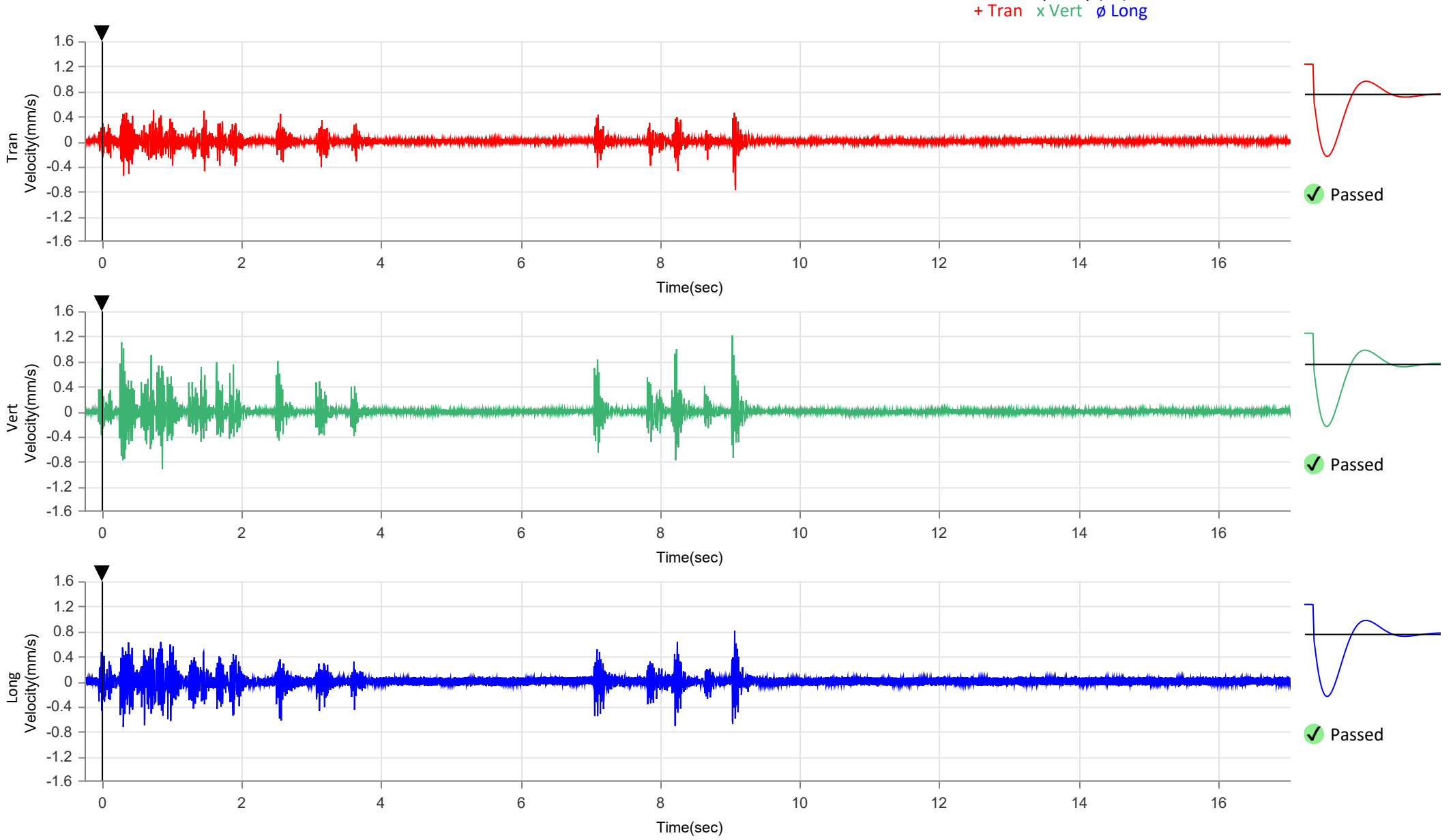
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.772 mm/s	1.214 mm/s	0.812 mm/s
Zero Crossing Frequency	68.3 Hz	93.1 Hz	73.1 Hz
Time (Relative to Trigger)	9.081 sec	9.037 sec	9.073 sec
Peak Acceleration	0.038 g	0.067 g	0.059 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.4
Peak Vector Sum	1.214 mm/s at 9.037 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 5, 2022 10:41:07	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221105104107.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

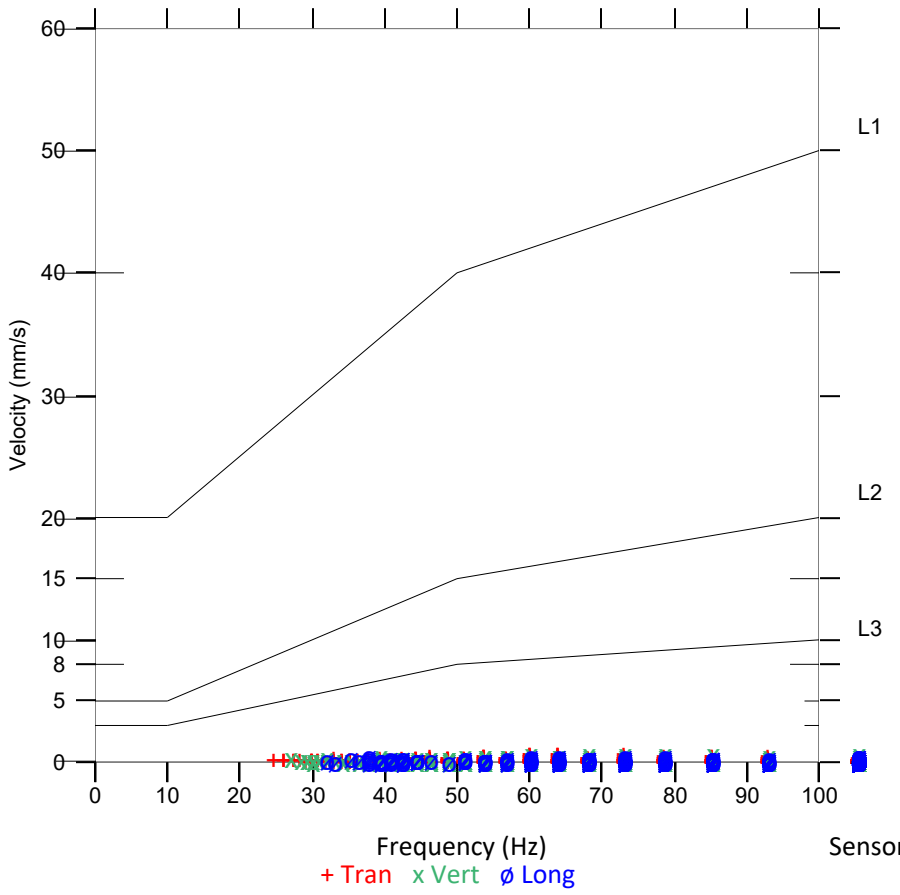
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

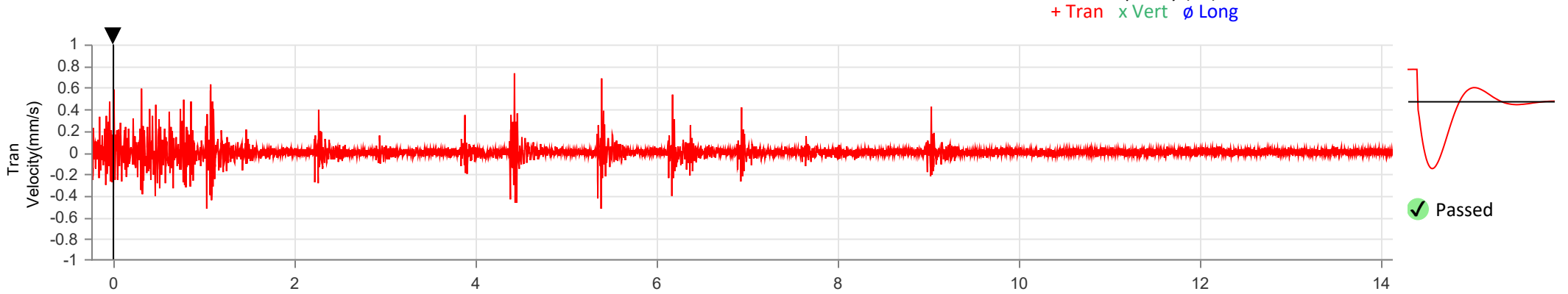
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.733 mm/s	0.701 mm/s	0.560 mm/s
Zero Crossing Frequency	60.2 Hz	73.1 Hz	>100 Hz
Time (Relative to Trigger)	4.424 sec	1.044 sec	5.386 sec
Peak Acceleration	0.038 g	0.054 g	0.048 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	0.829 mm/s at 4.424 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check



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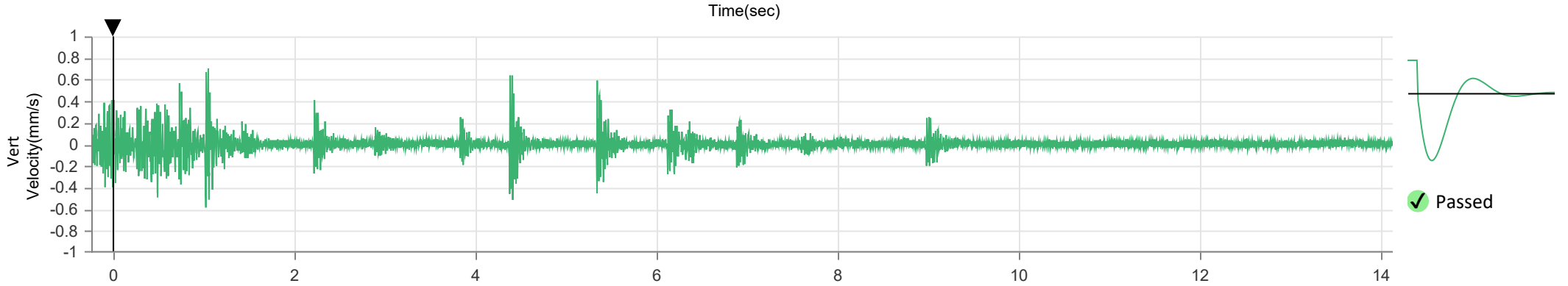

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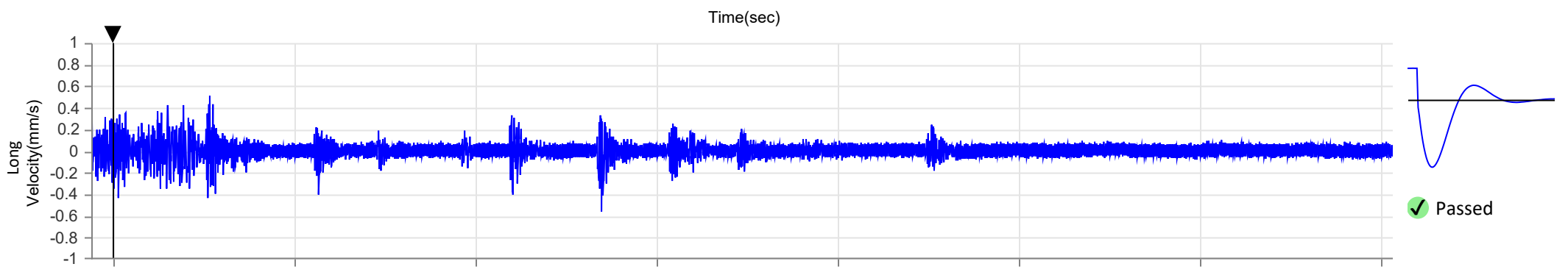


✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:43	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221105121643.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

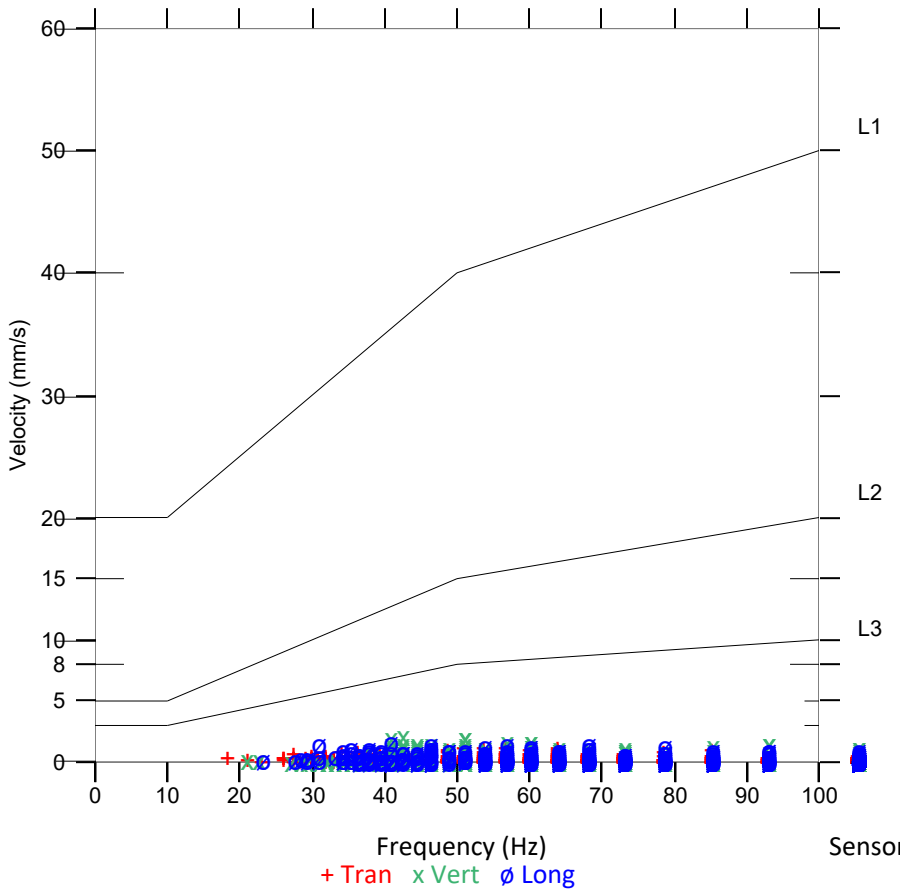
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

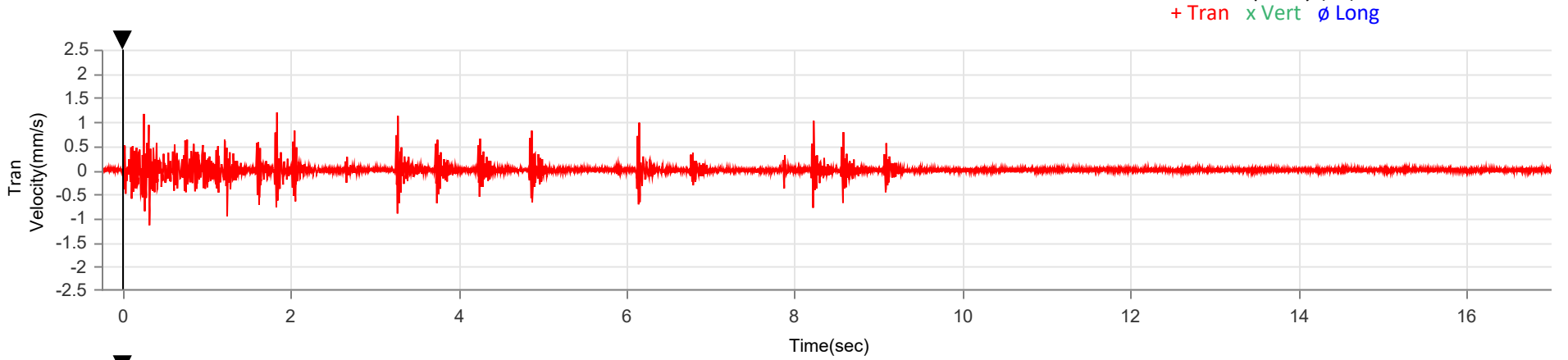
Post Event Notes No text to be displayed.

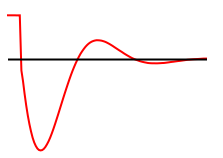
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.198 mm/s	2.175 mm/s	1.710 mm/s
Zero Crossing Frequency	64.0 Hz	42.7 Hz	41.0 Hz
Time (Relative to Trigger)	1.839 sec	3.282 sec	1.851 sec
Peak Acceleration	0.059 g	0.094 g	0.081 g
Peak Displacement	0.004 mm	0.007 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	2.430 mm/s at 1.851 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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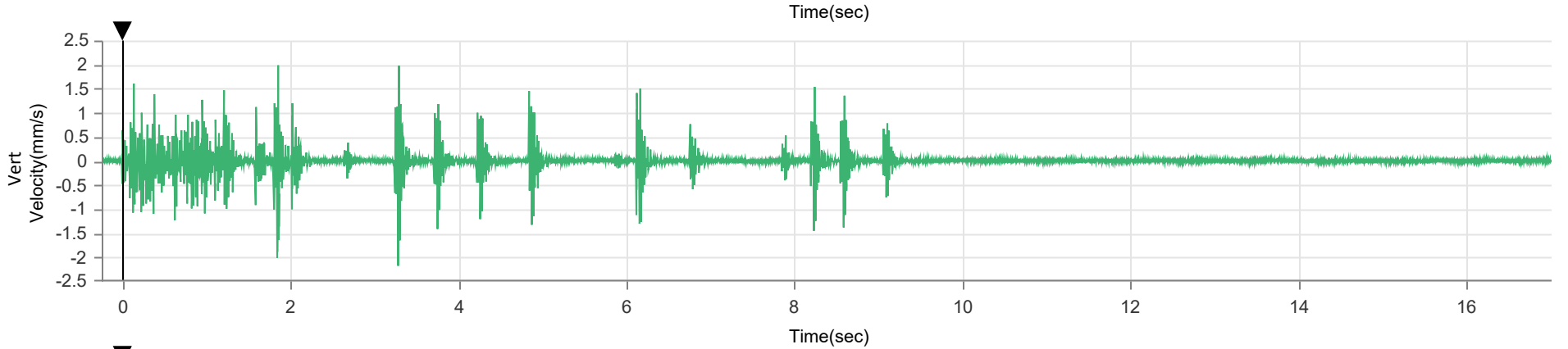
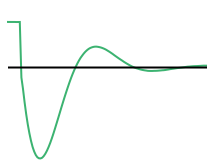
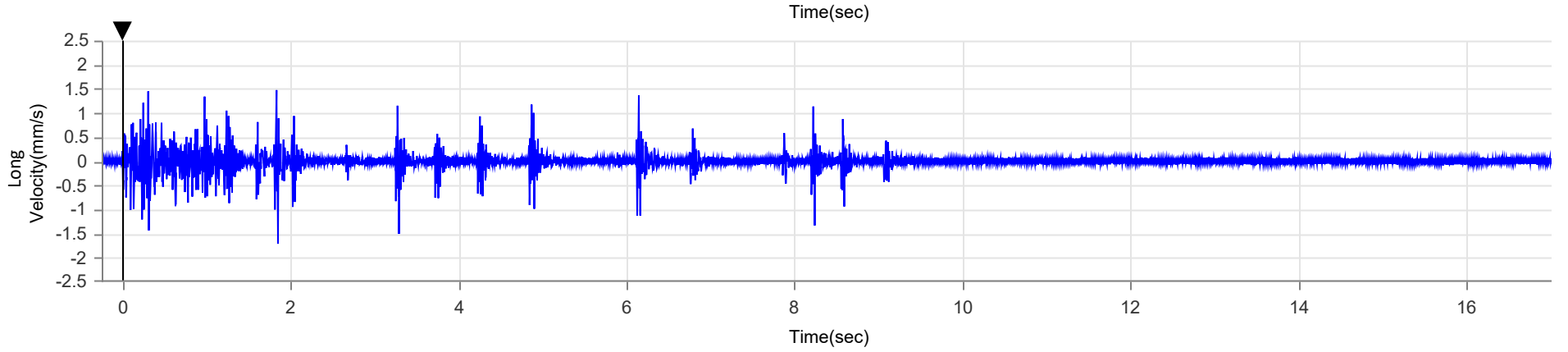
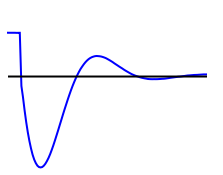




✓ Passed





✓ Passed

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Waveform Trigger Source	Tran at November 6, 2022 10:42:28	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

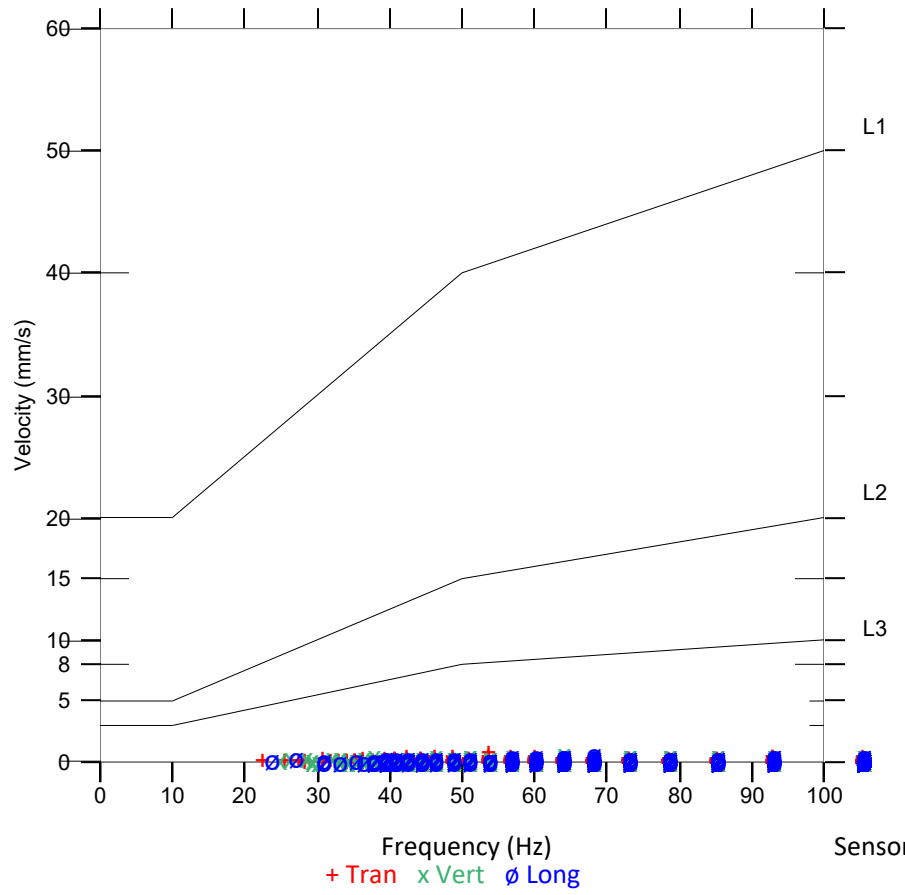
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

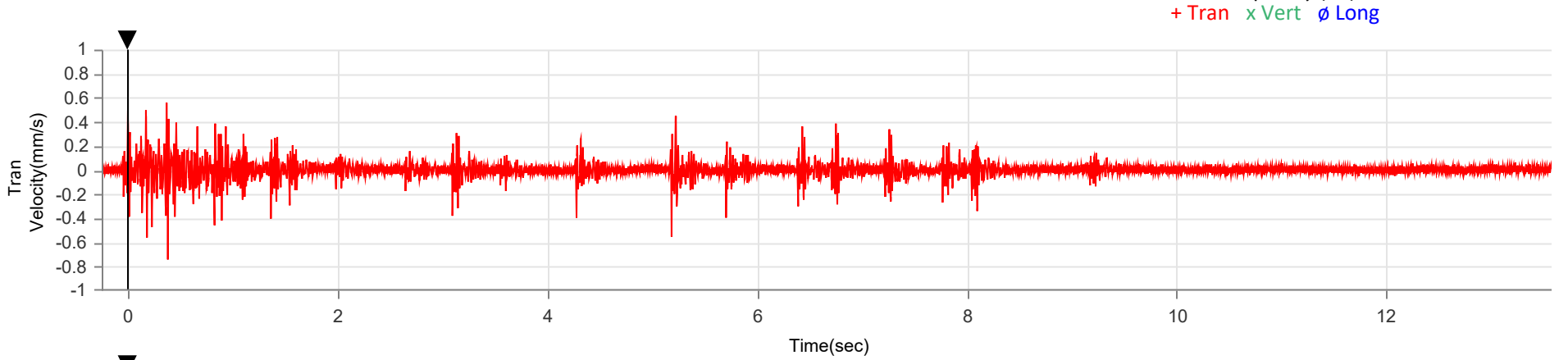
Post Event Notes No text to be displayed.

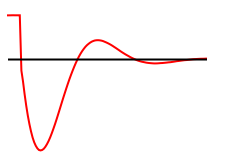
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.741 mm/s	0.662 mm/s	0.583 mm/s
Zero Crossing Frequency	53.9 Hz	64.0 Hz	68.3 Hz
Time (Relative to Trigger)	0.382 sec	5.179 sec	0.255 sec
Peak Acceleration	0.036 g	0.051 g	0.035 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	0.756 mm/s at 0.382 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

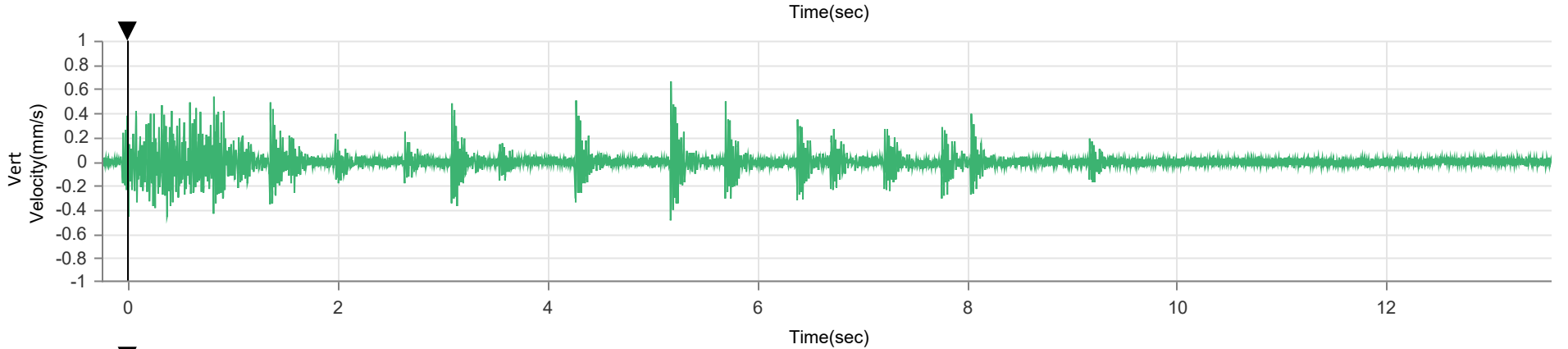


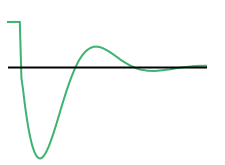
Sensor Check





✓ Passed





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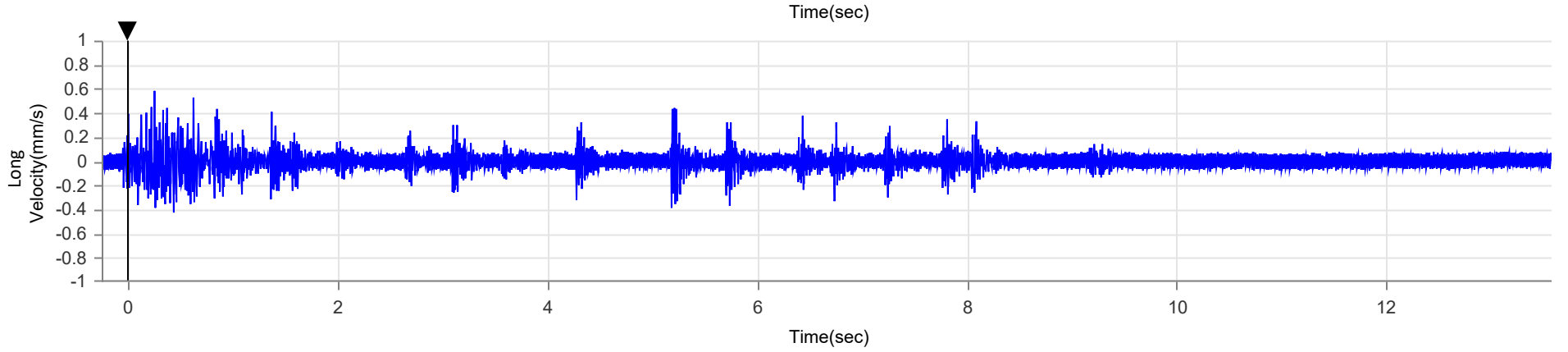
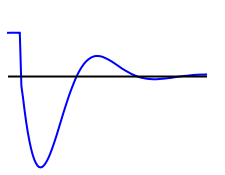




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 6, 2022 11:33:35	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221106113335.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

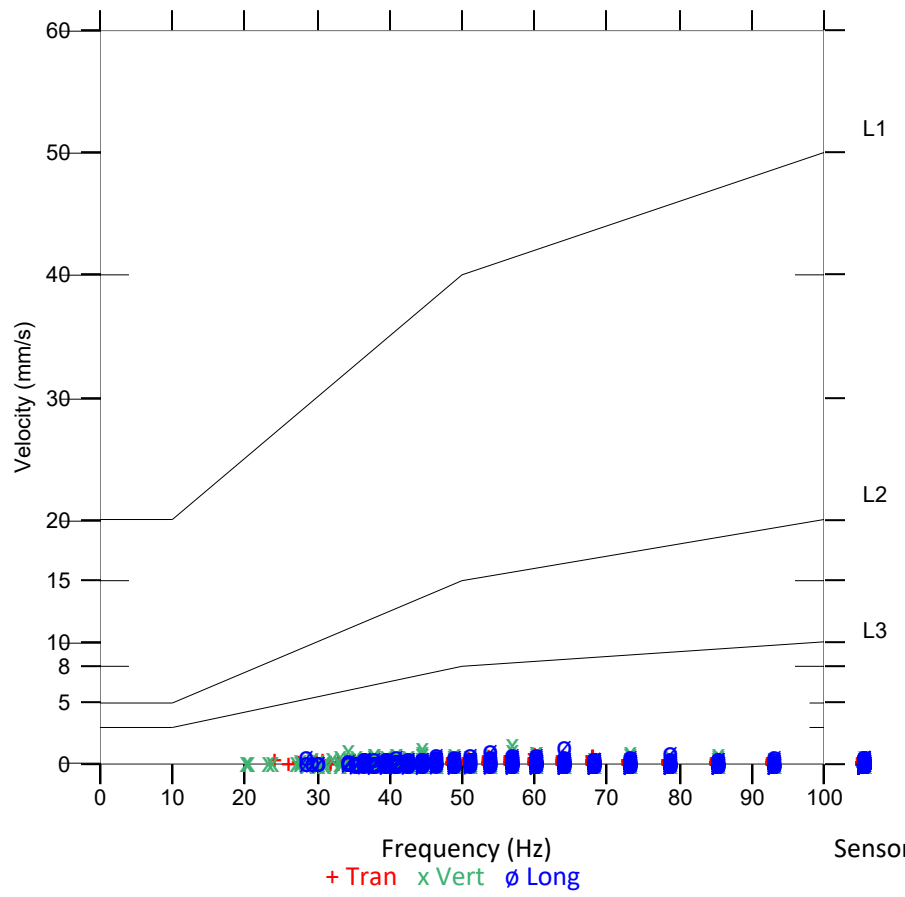
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

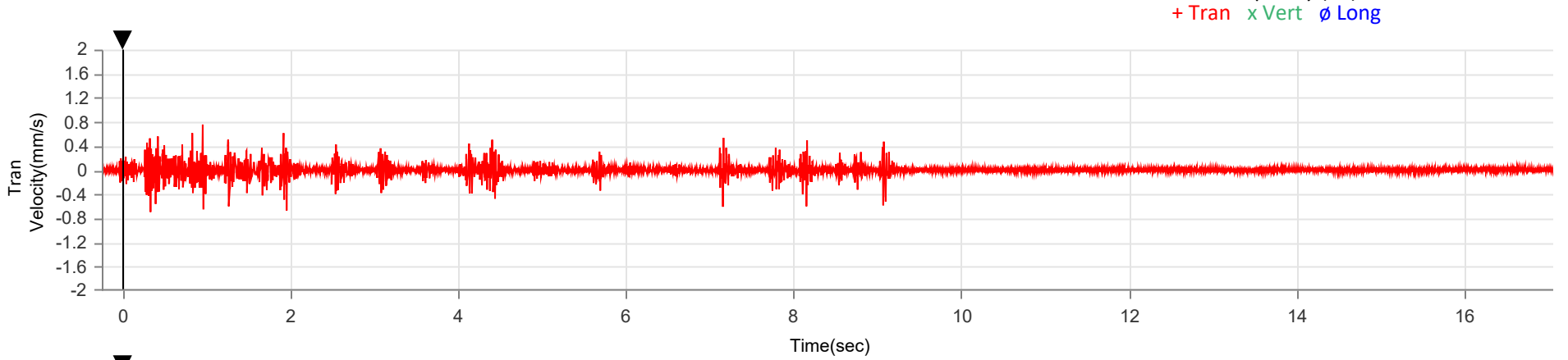
Post Event Notes No text to be displayed.

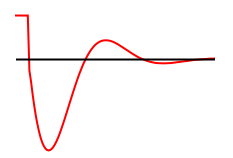
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.757 mm/s	1.600 mm/s	1.474 mm/s
Zero Crossing Frequency	60.2 Hz	56.9 Hz	64.0 Hz
Time (Relative to Trigger)	0.956 sec	0.283 sec	0.295 sec
Peak Acceleration	0.038 g	0.079 g	0.063 g
Peak Displacement	0.002 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	1.621 mm/s at 0.295 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

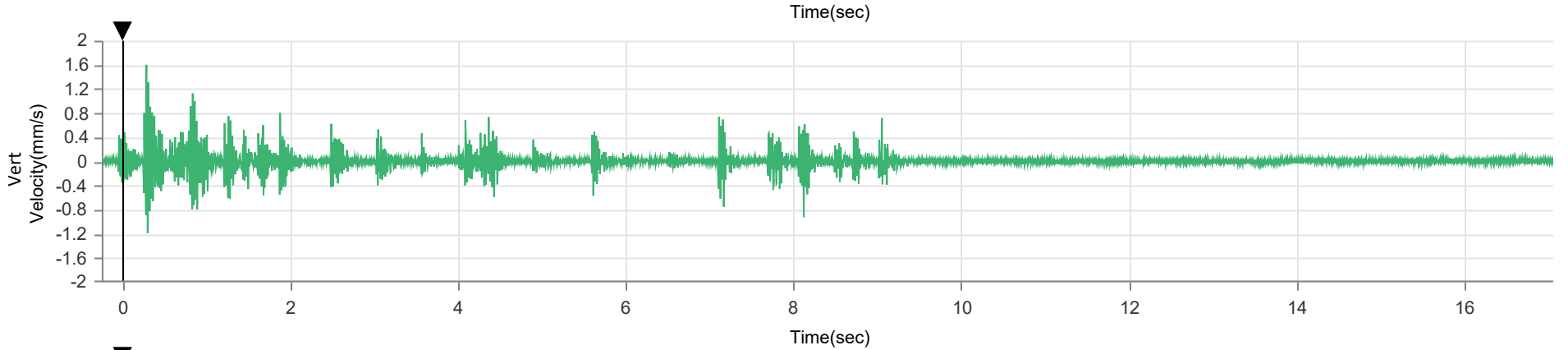


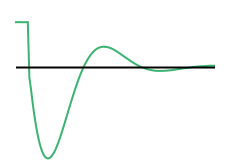
Sensor Check





✓ Passed





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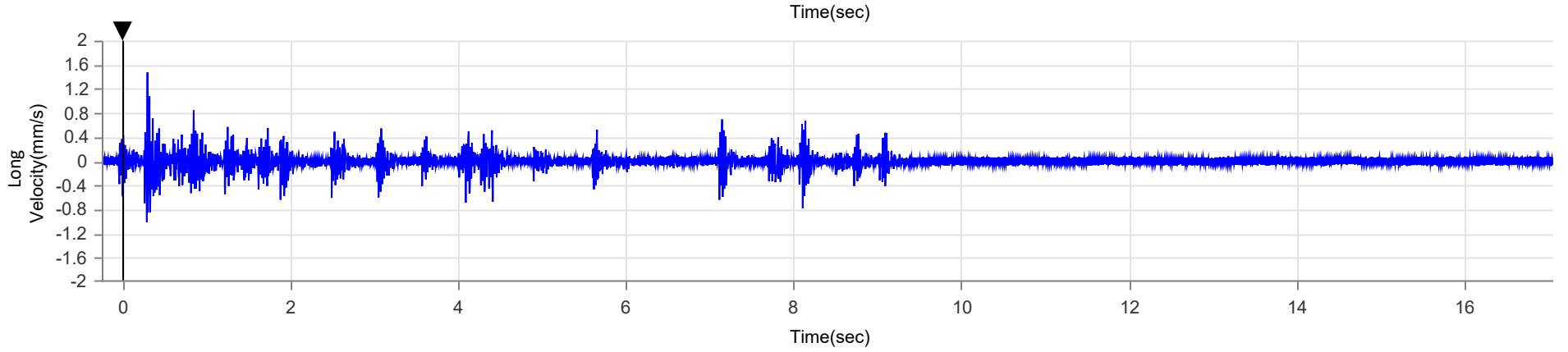

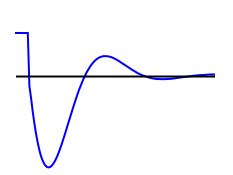

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 14:16:31	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221106141631.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

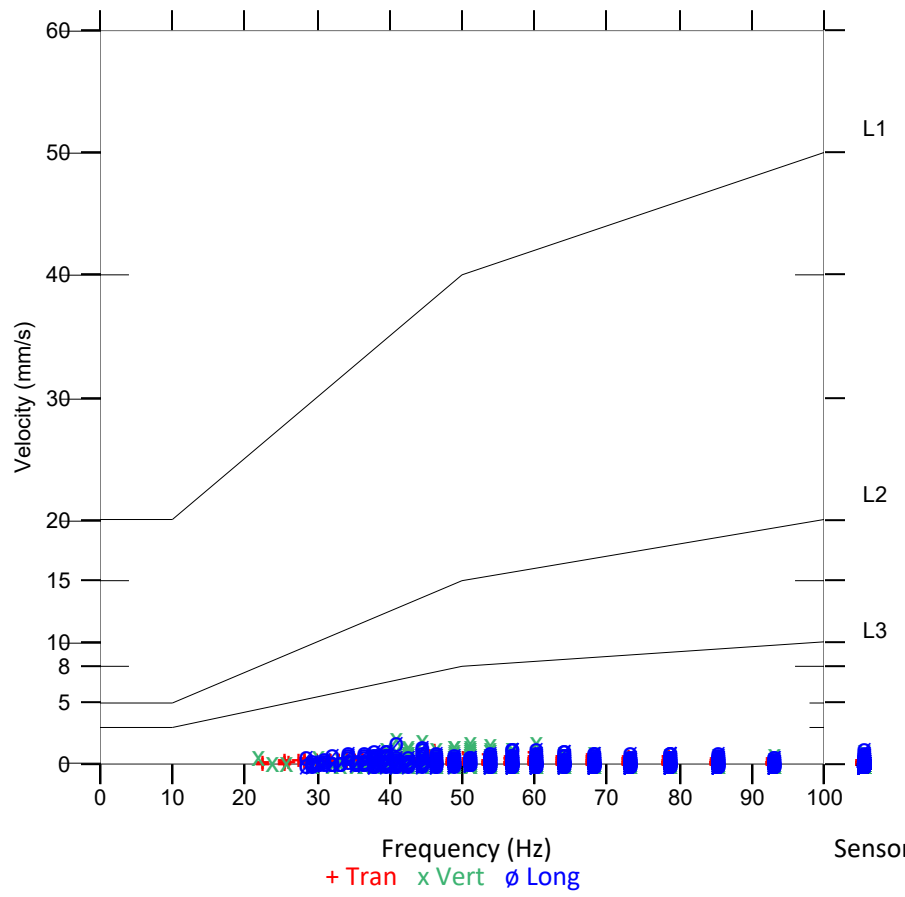
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

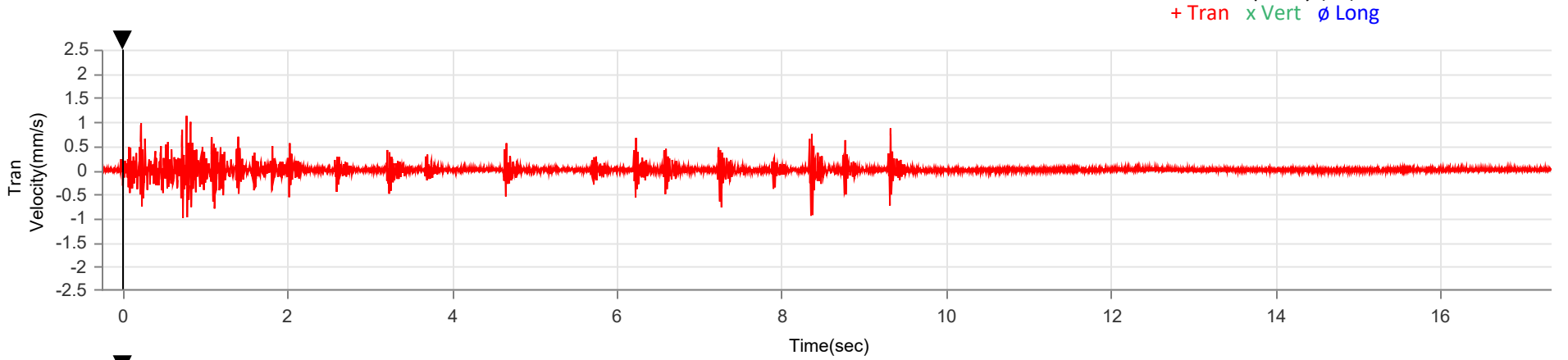
Post Event Notes No text to be displayed.

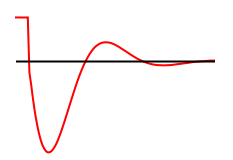
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.127 mm/s	2.207 mm/s	1.750 mm/s
Zero Crossing Frequency	46.5 Hz	41.0 Hz	41.0 Hz
Time (Relative to Trigger)	0.780 sec	1.110 sec	1.117 sec
Peak Acceleration	0.043 g	0.072 g	0.095 g
Peak Displacement	0.004 mm	0.007 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	2.515 mm/s at 1.110 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

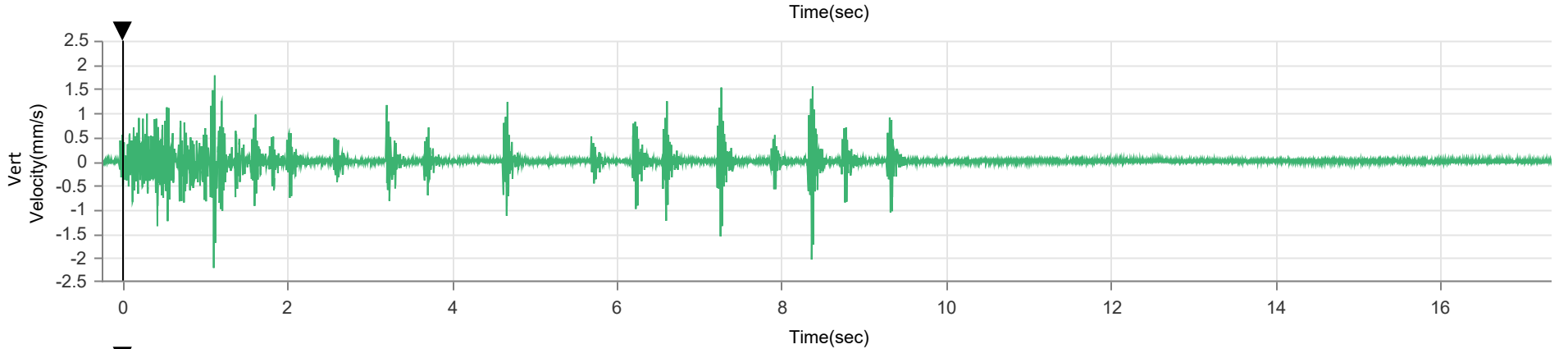


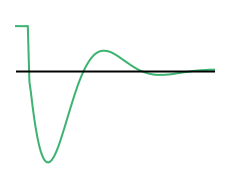
Sensor Check



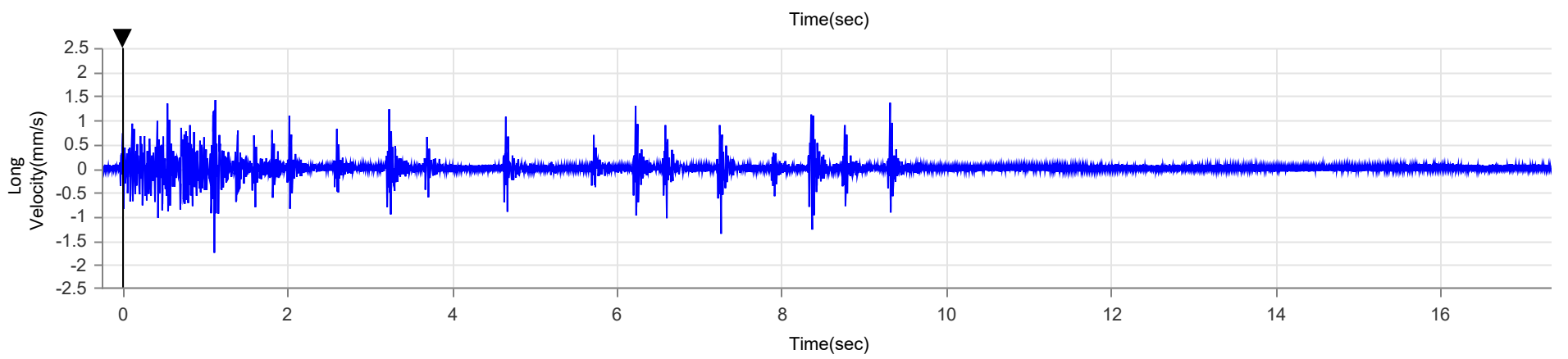


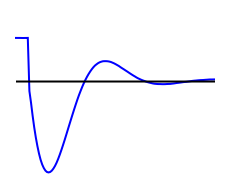
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 19:16:25	**Serial Number**	UM15839
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/17.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 5, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM15839_20221106191625.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

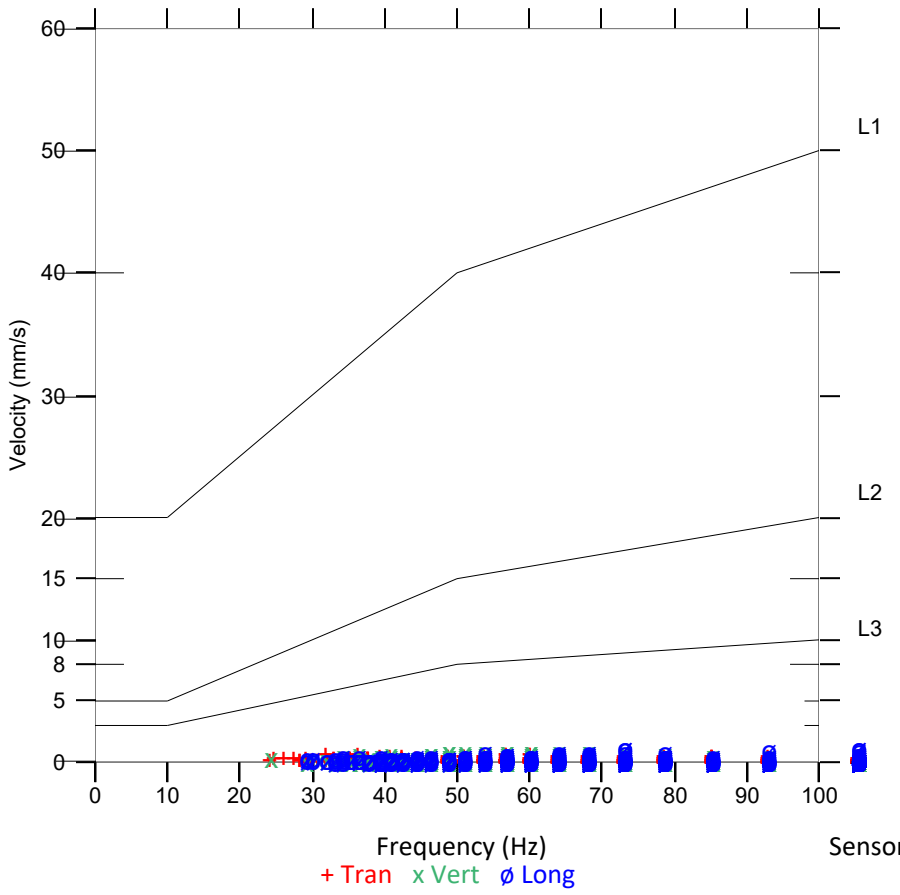
Notes

Location	MM-23, Plavje 41/41a
Client	
Company	
General Notes	

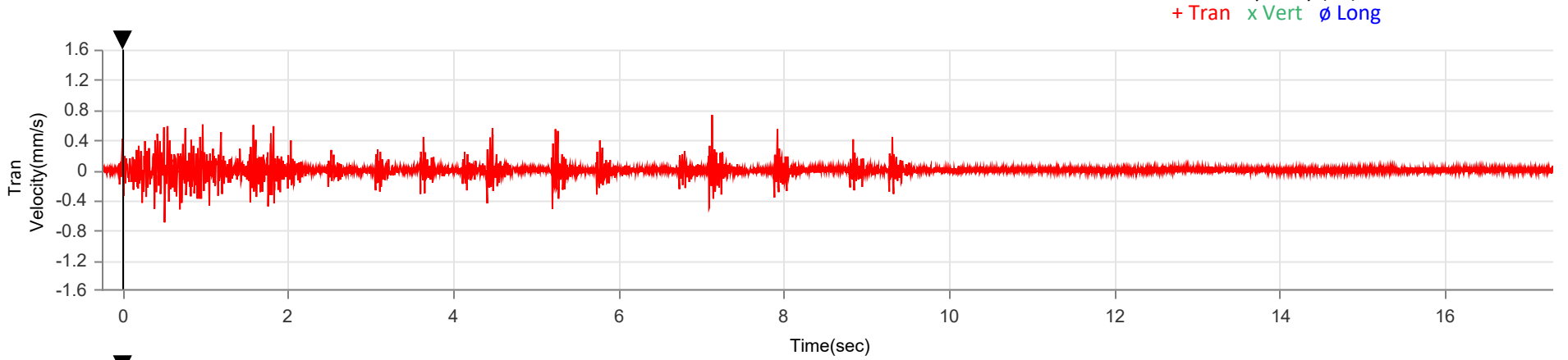
Post Event Notes No text to be displayed.

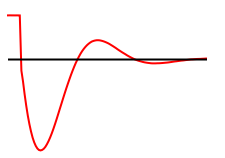
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.733 mm/s	0.843 mm/s	1.151 mm/s
Zero Crossing Frequency	56.9 Hz	51.2 Hz	>100 Hz
Time (Relative to Trigger)	7.135 sec	0.545 sec	0.933 sec
Peak Acceleration	0.033 g	0.058 g	0.082 g
Peak Displacement	0.003 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.7	4.3	4.4
Peak Vector Sum	1.313 mm/s at 0.933 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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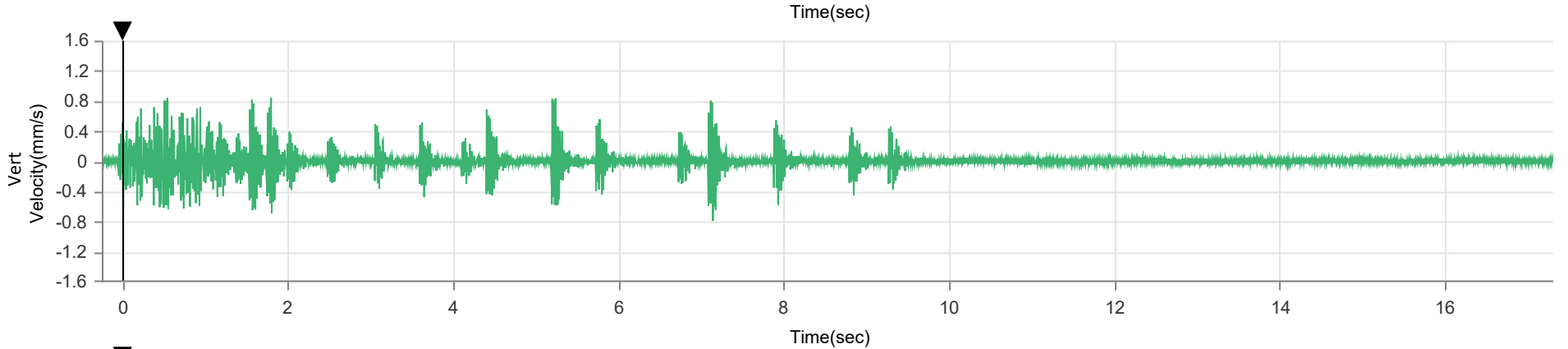

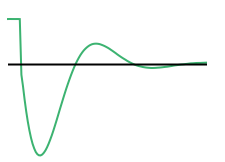

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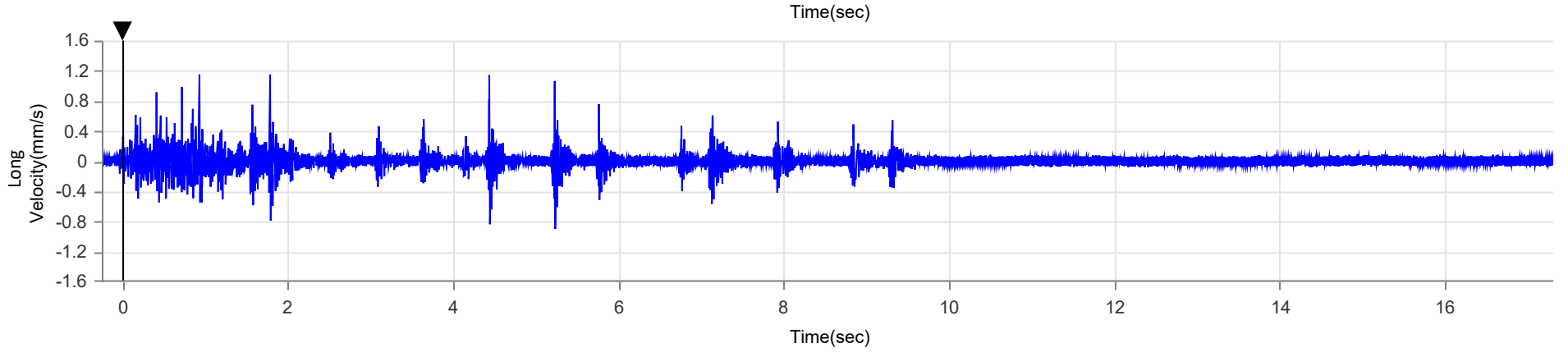

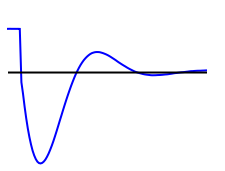

✓ Passed

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PRILOGA 1.11:
Rezultati meritev

- MM-24 (Plavje 37) -

Waveform Trigger Source	Tran at November 3, 2022 10:57:48	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221103105748.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

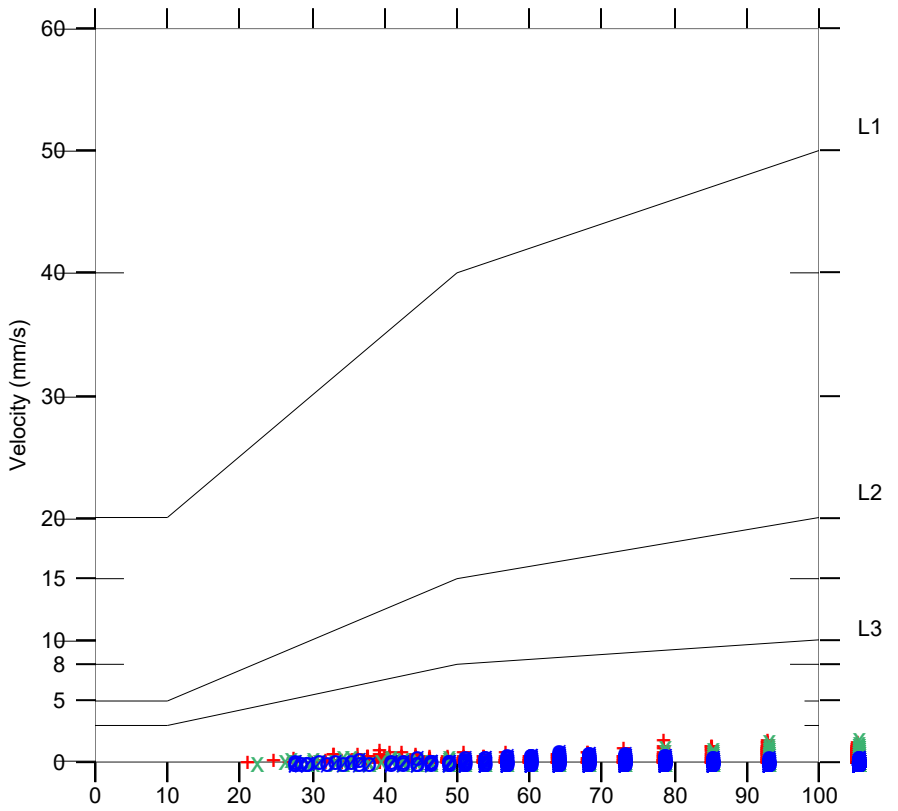
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

Post Event Notes No text to be displayed.

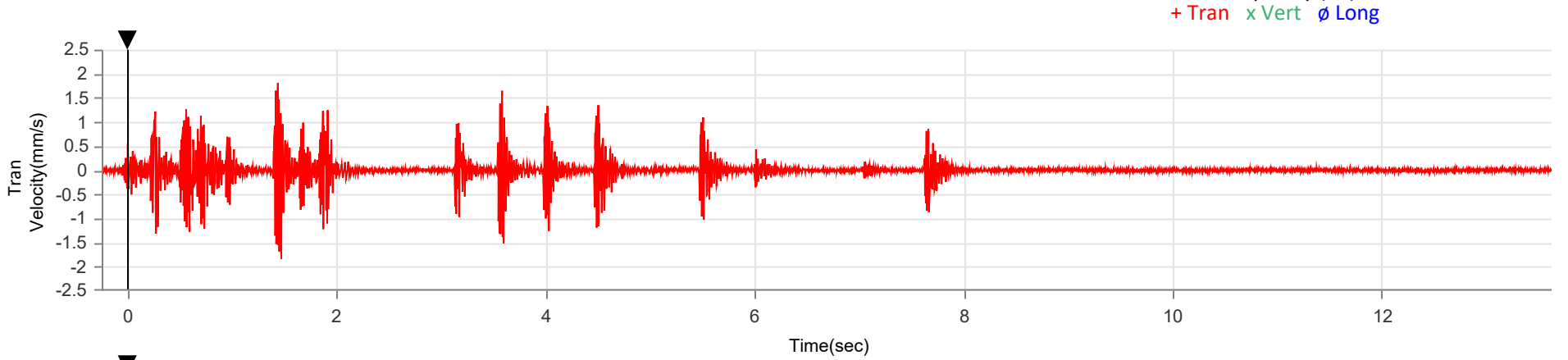
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.836 mm/s	1.900 mm/s	0.930 mm/s
Zero Crossing Frequency	78.8 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	1.470 sec	1.421 sec	4.548 sec
Peak Acceleration	0.123 g	0.151 g	0.043 g
Peak Displacement	0.004 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	2.383 mm/s at 1.421 sec		

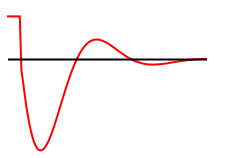
DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check

+ Tran x Vert ø Long





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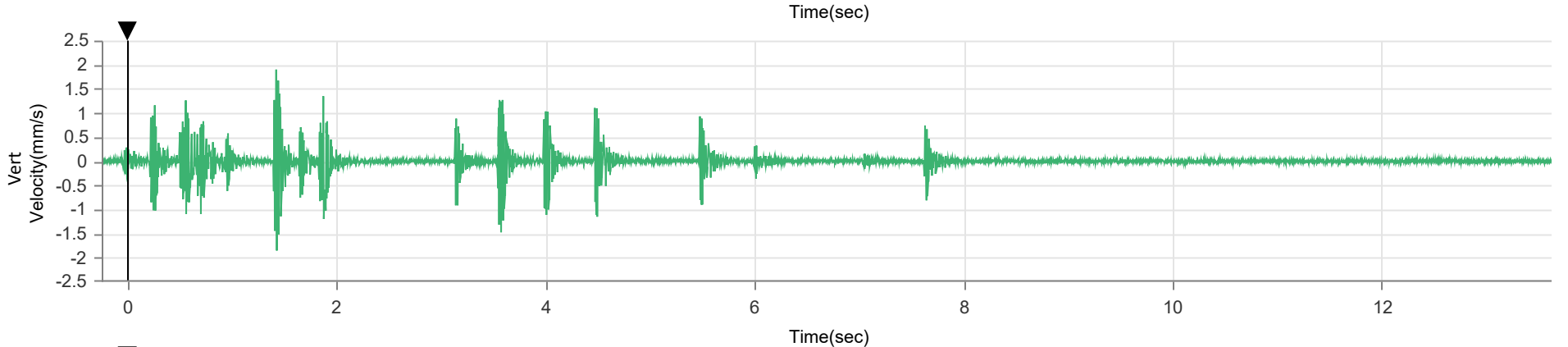

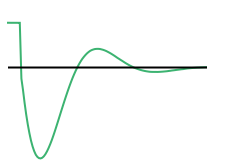

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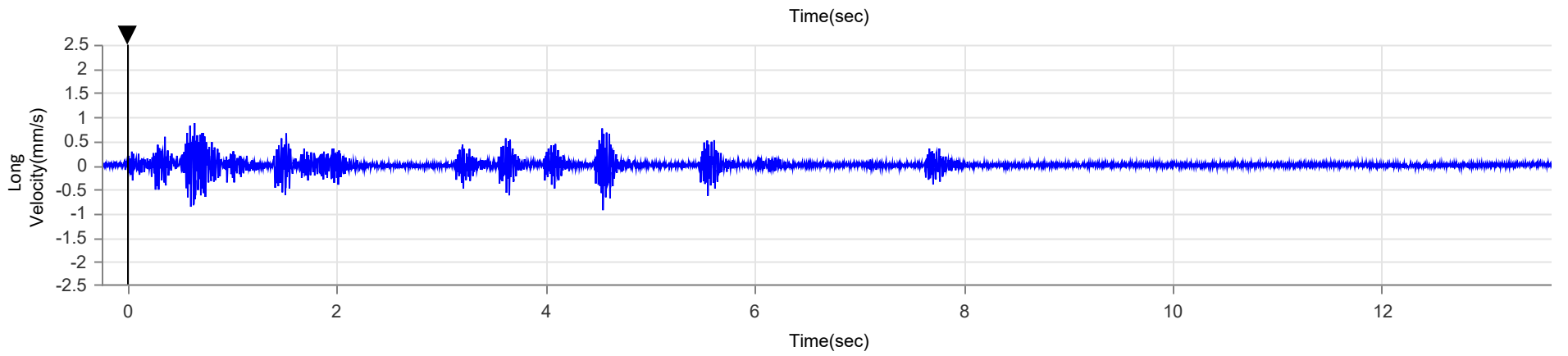

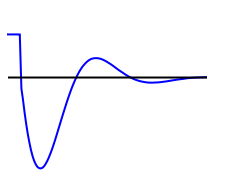

✓ Passed

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Waveform Trigger Source	Long at November 3, 2022 12:40:41	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221103124041.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

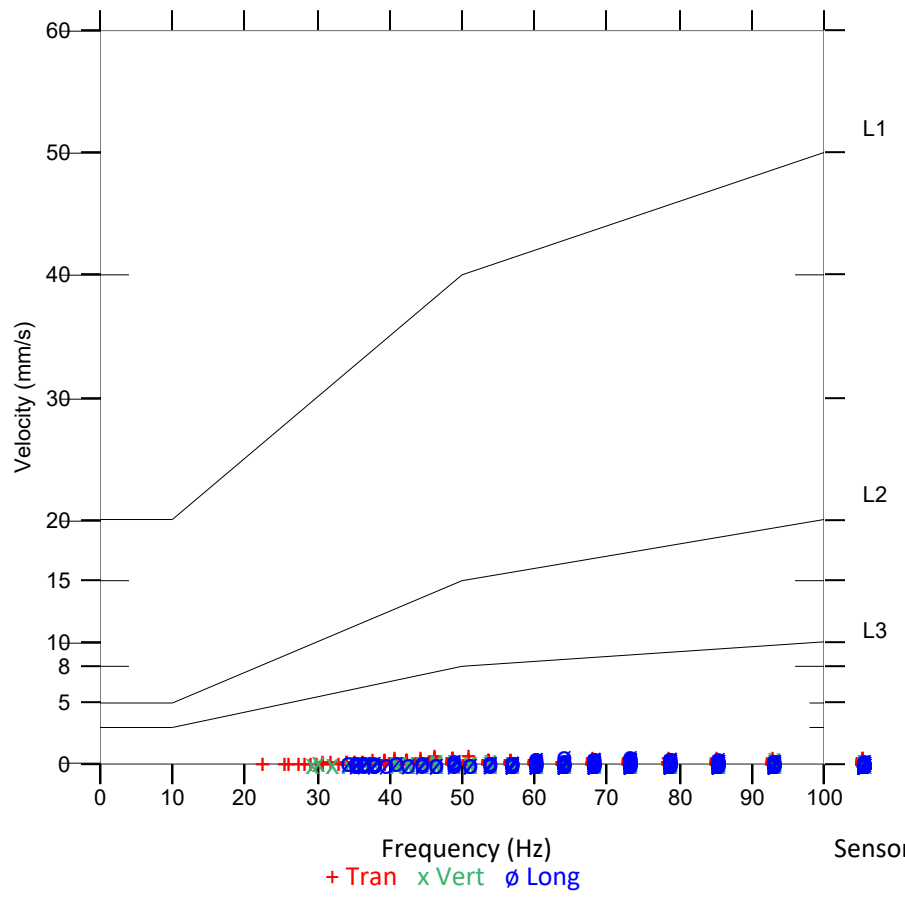
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

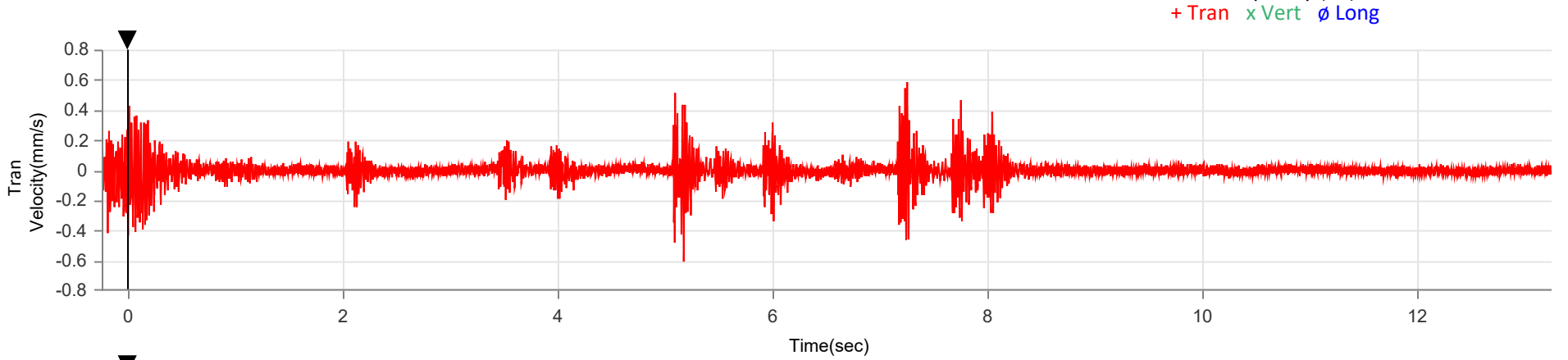
Post Event Notes No text to be displayed.

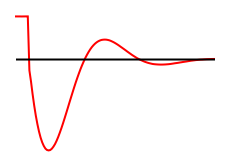
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.607 mm/s	0.481 mm/s	0.670 mm/s
Zero Crossing Frequency	51.2 Hz	93.1 Hz	64.0 Hz
Time (Relative to Trigger)	5.172 sec	5.082 sec	5.172 sec
Peak Acceleration	0.041 g	0.036 g	0.031 g
Peak Displacement	0.002 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	0.903 mm/s at 5.172 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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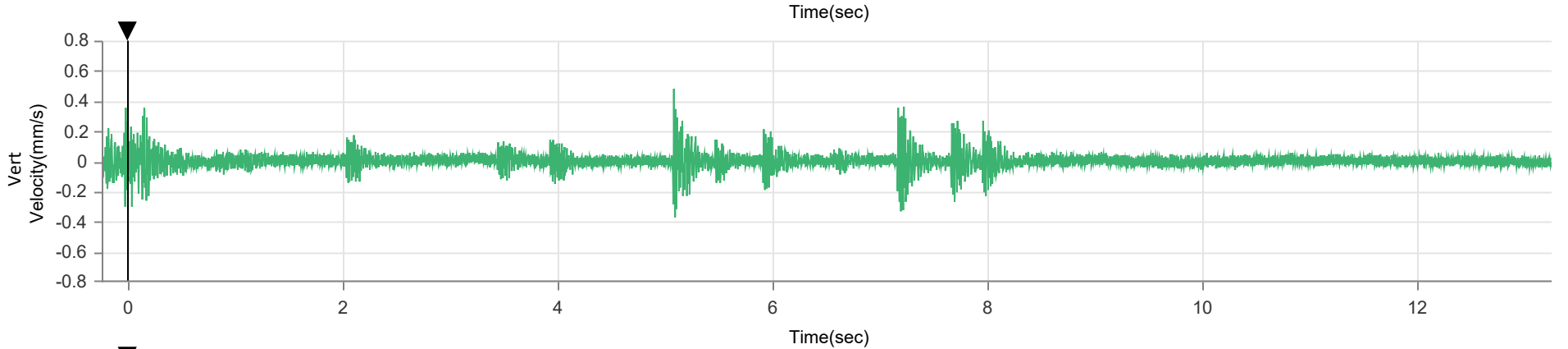

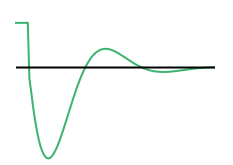

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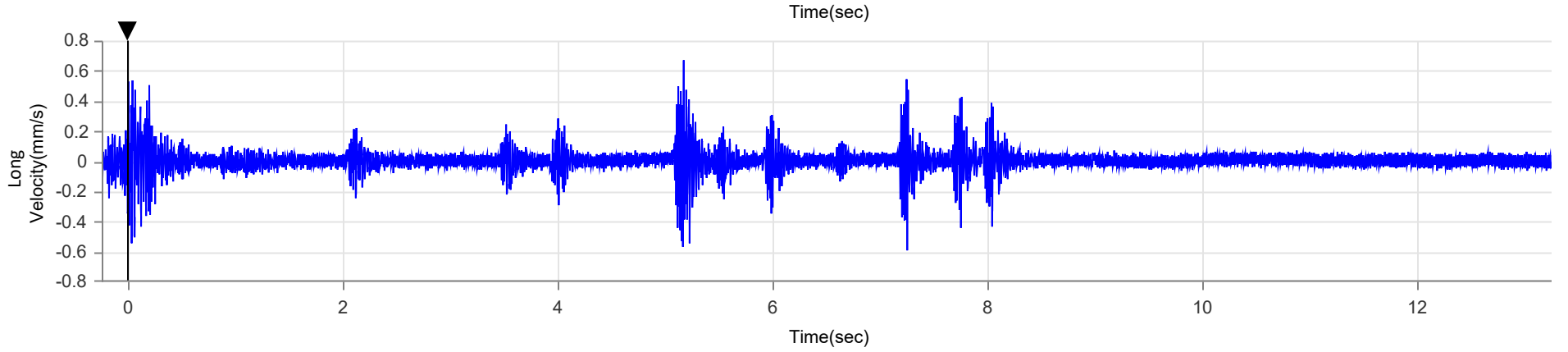

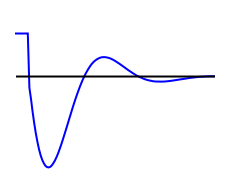

✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 14:11:20	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221103141120.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

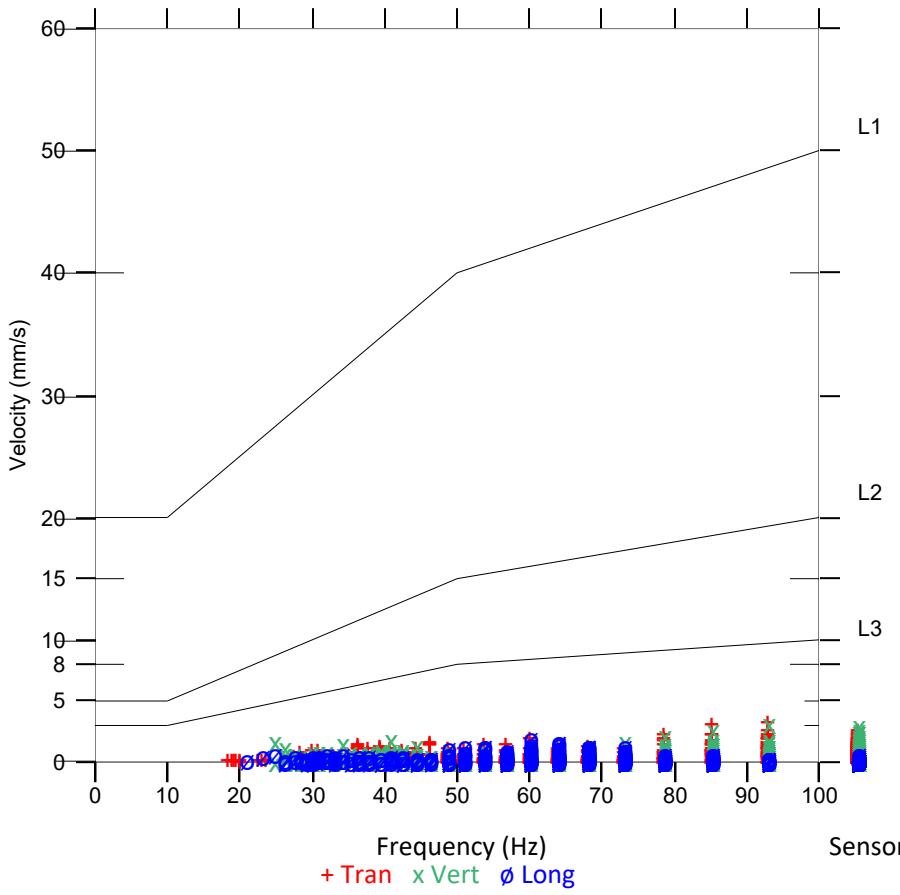
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

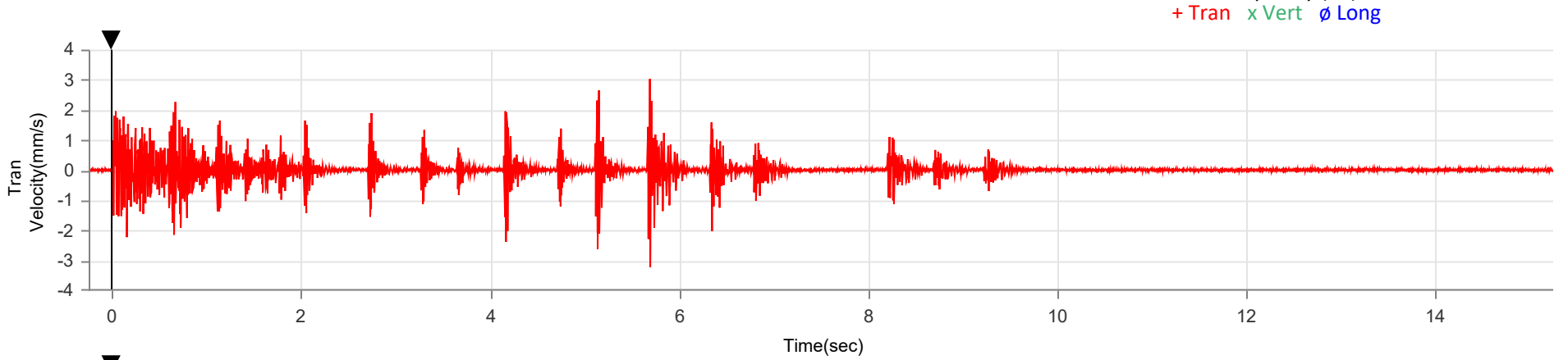
Post Event Notes No text to be displayed.

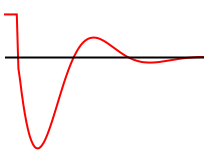
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	3.216 mm/s	3.066 mm/s	2.010 mm/s
Zero Crossing Frequency	93.1 Hz	93.1 Hz	60.2 Hz
Time (Relative to Trigger)	5.696 sec	5.691 sec	5.735 sec
Peak Acceleration	0.204 g	0.217 g	0.077 g
Peak Displacement	0.006 mm	0.007 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	4.384 mm/s at 5.696 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

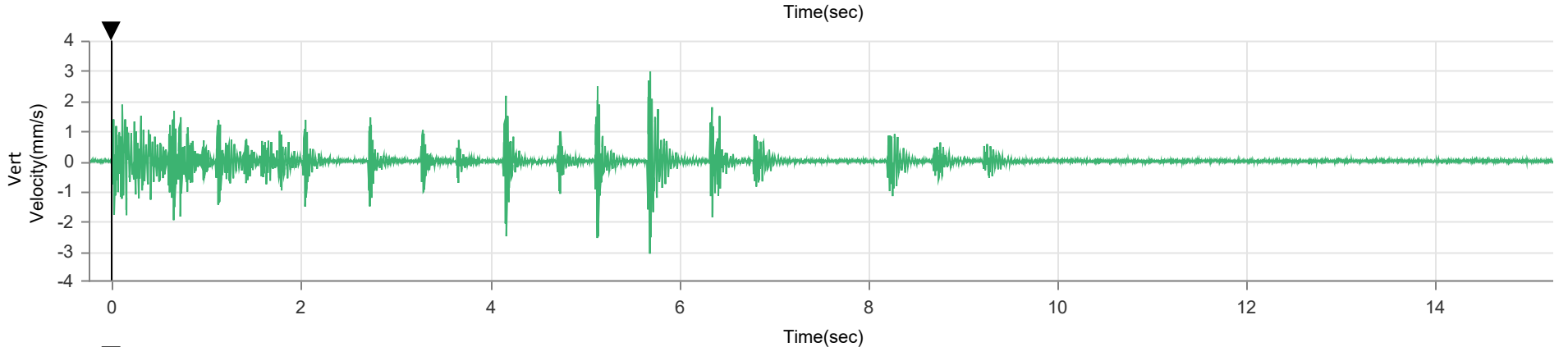


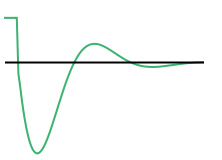
Sensor Check



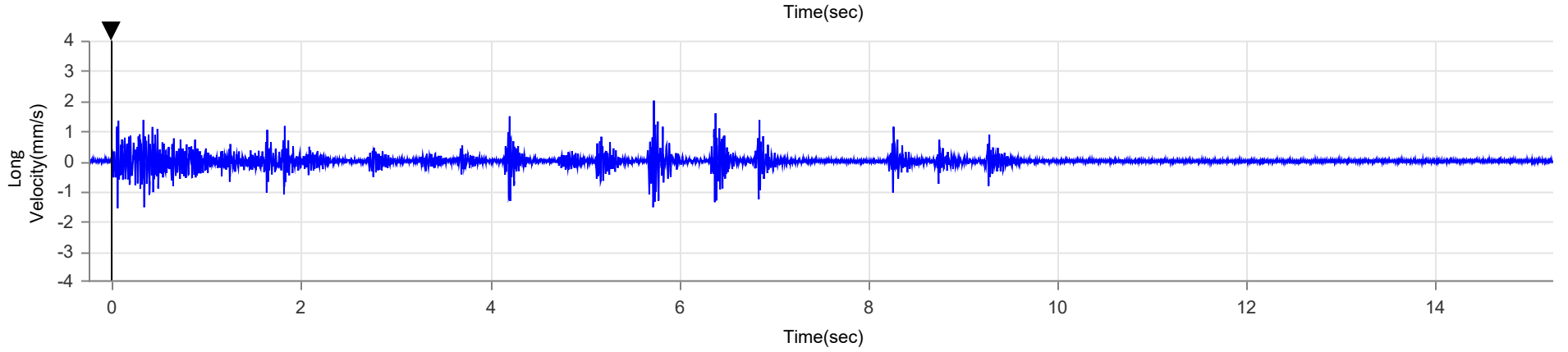


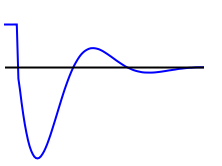
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Long at November 4, 2022 09:53:09	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221104095309.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

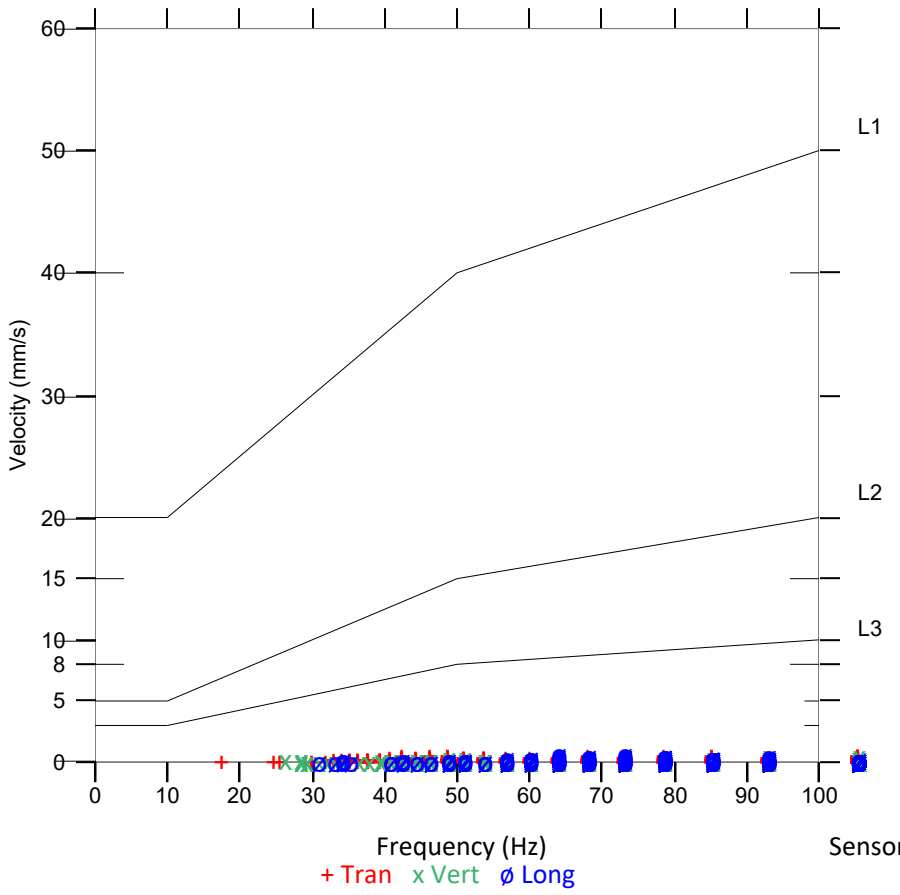
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

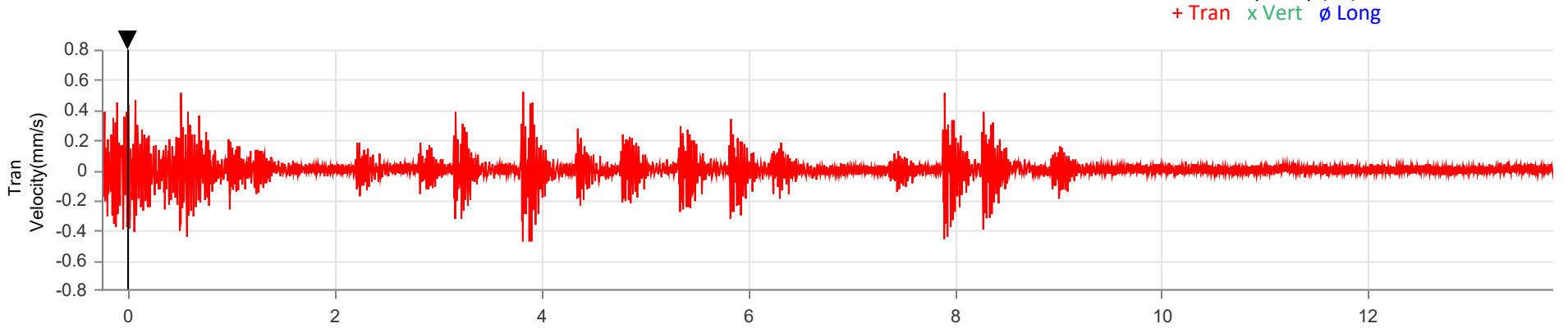
Post Event Notes No text to be displayed.

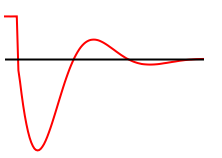
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.520 mm/s	0.449 mm/s	0.615 mm/s
Zero Crossing Frequency	>100 Hz	93.1 Hz	64.0 Hz
Time (Relative to Trigger)	3.828 sec	0.008 sec	0.087 sec
Peak Acceleration	0.043 g	0.035 g	0.033 g
Peak Displacement	0.002 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	0.761 mm/s at 0.007 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

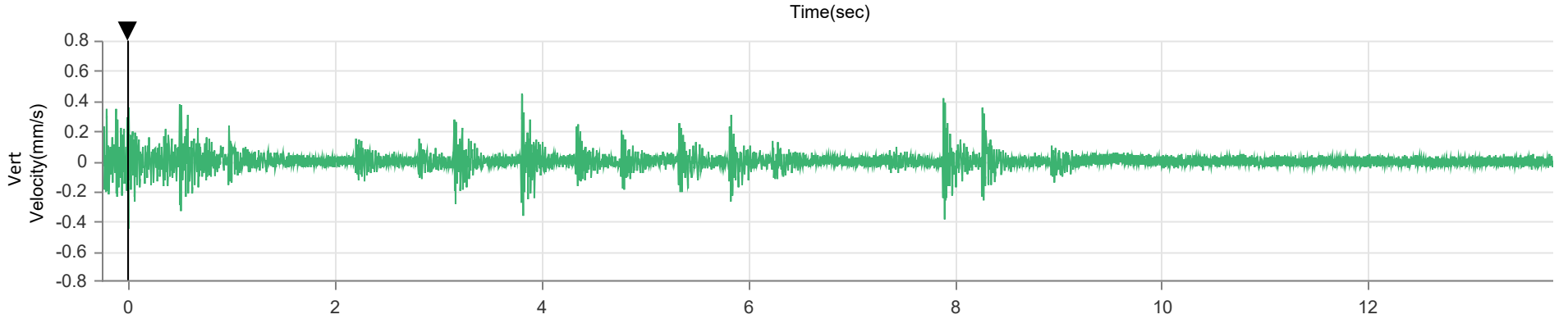


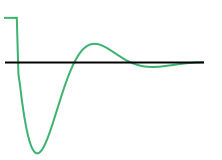
Sensor Check



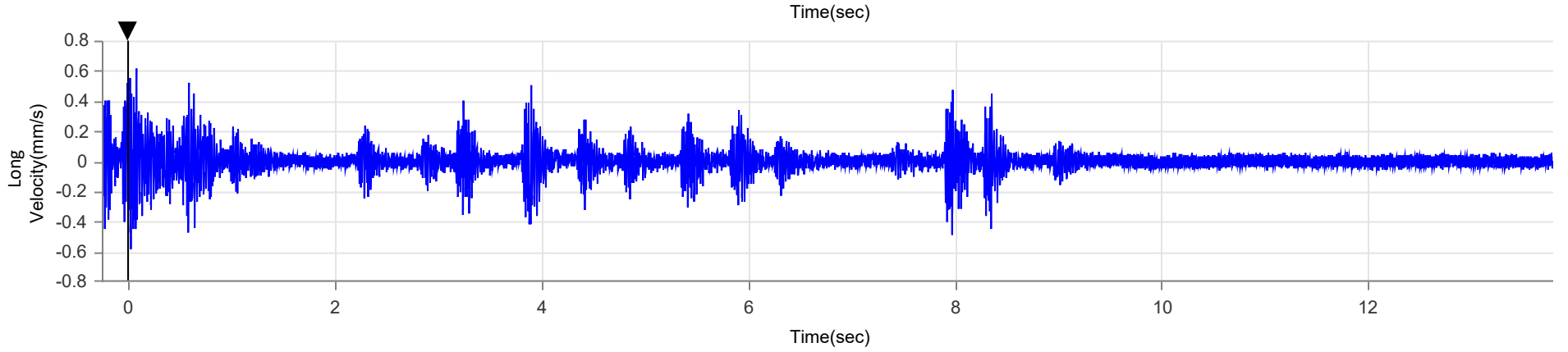


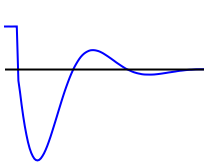
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 4, 2022 11:13:25	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221104111325.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

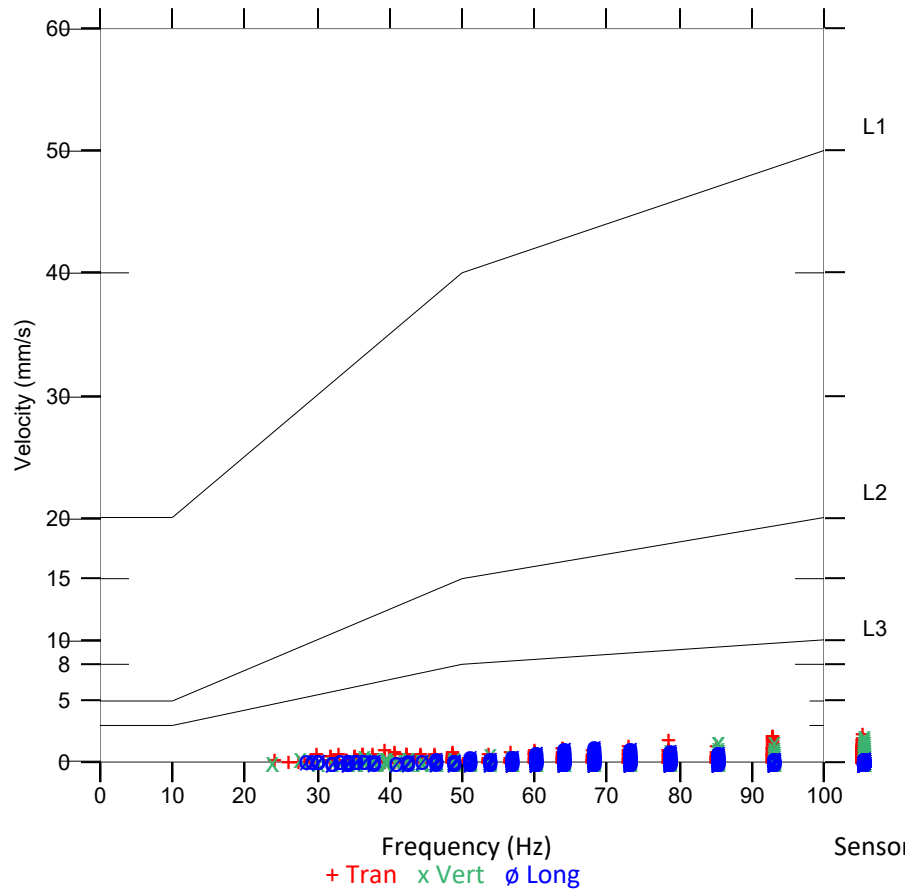
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

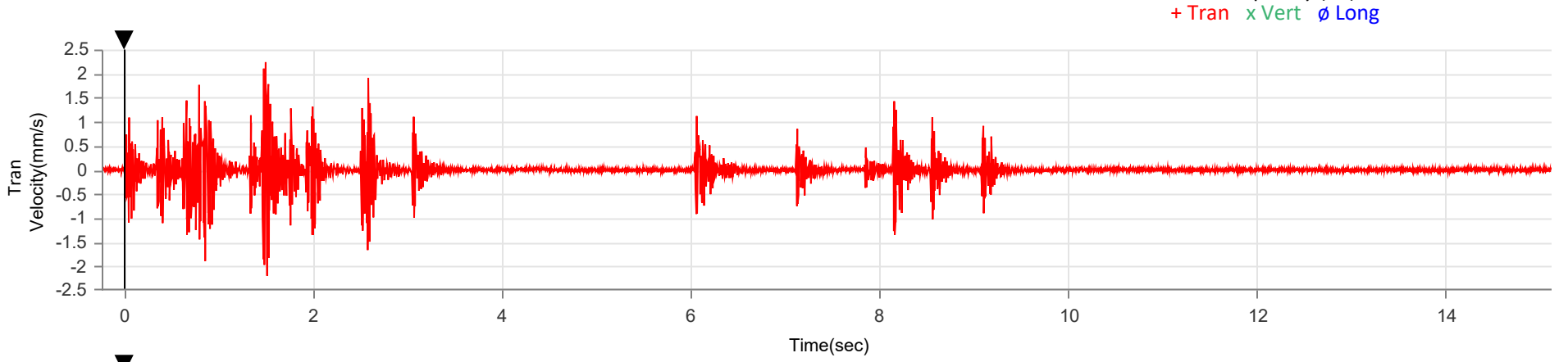
Post Event Notes No text to be displayed.

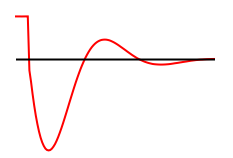
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.238 mm/s	2.128 mm/s	1.371 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	1.489 sec	1.479 sec	0.908 sec
Peak Acceleration	0.146 g	0.138 g	0.061 g
Peak Displacement	0.004 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	2.868 mm/s at 1.470 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

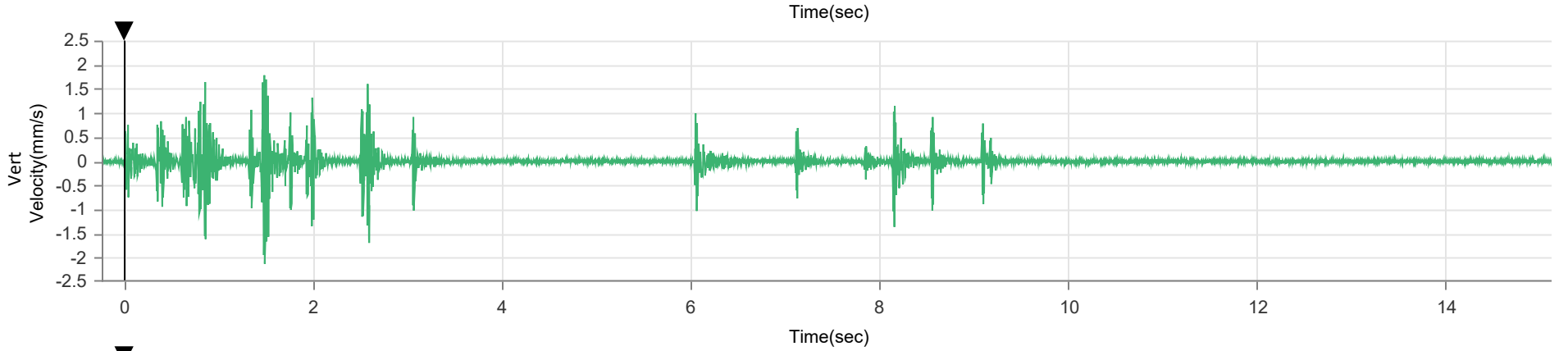


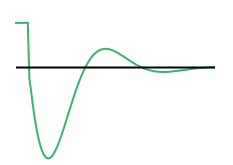
Sensor Check





✓ Passed





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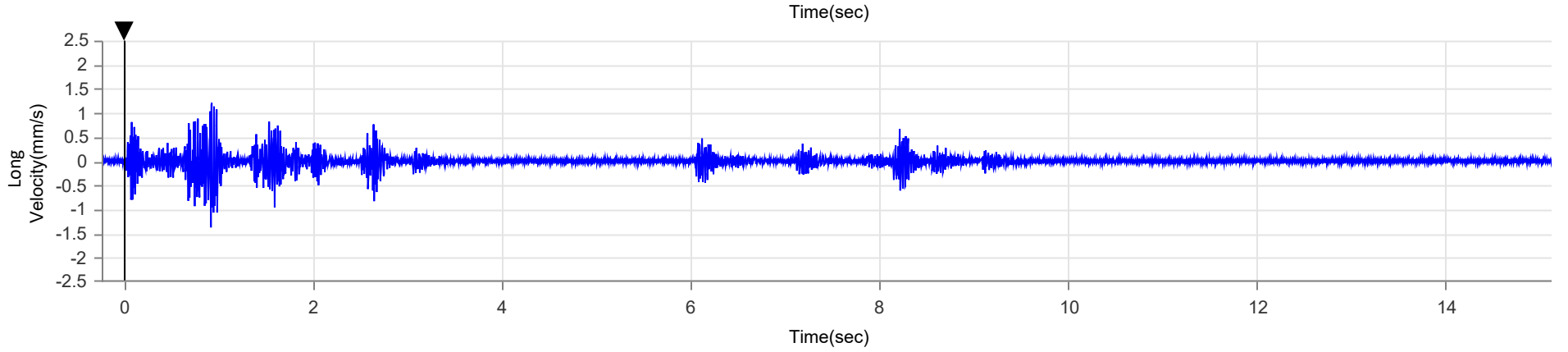
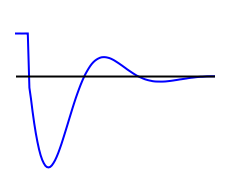




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:04	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221104120004.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

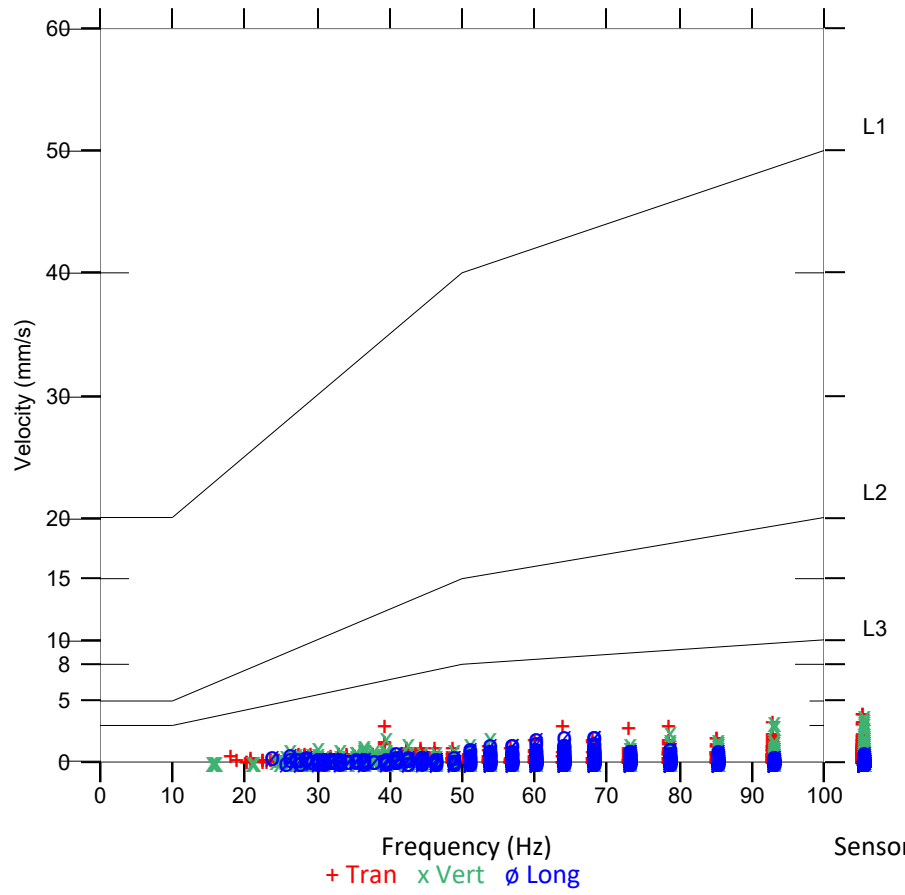
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

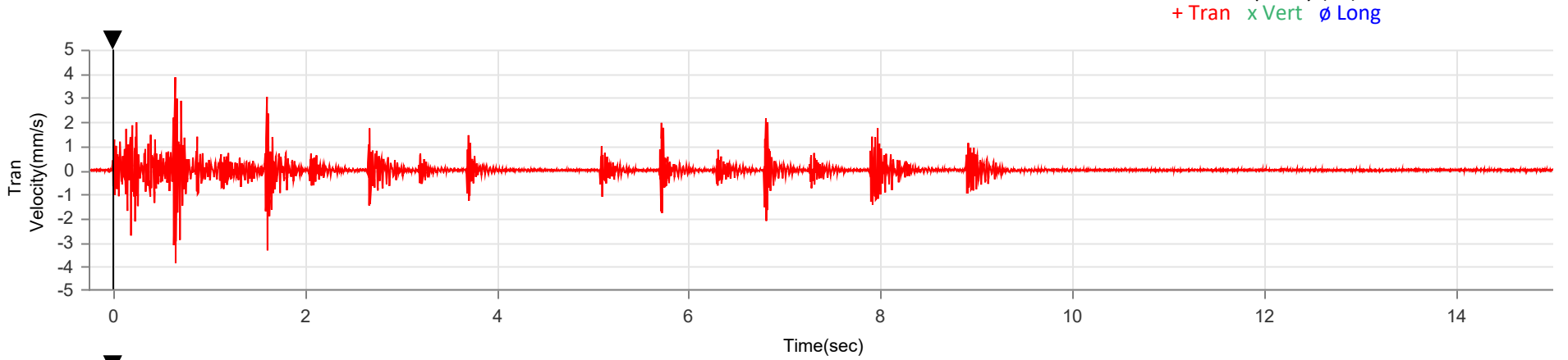
Post Event Notes No text to be displayed.

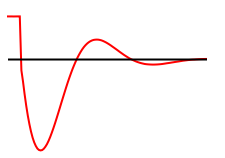
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	3.862 mm/s	3.697 mm/s	2.136 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.657 sec	0.653 sec	1.653 sec
Peak Acceleration	0.253 g	0.323 g	0.090 g
Peak Displacement	0.007 mm	0.006 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	5.355 mm/s at 0.653 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

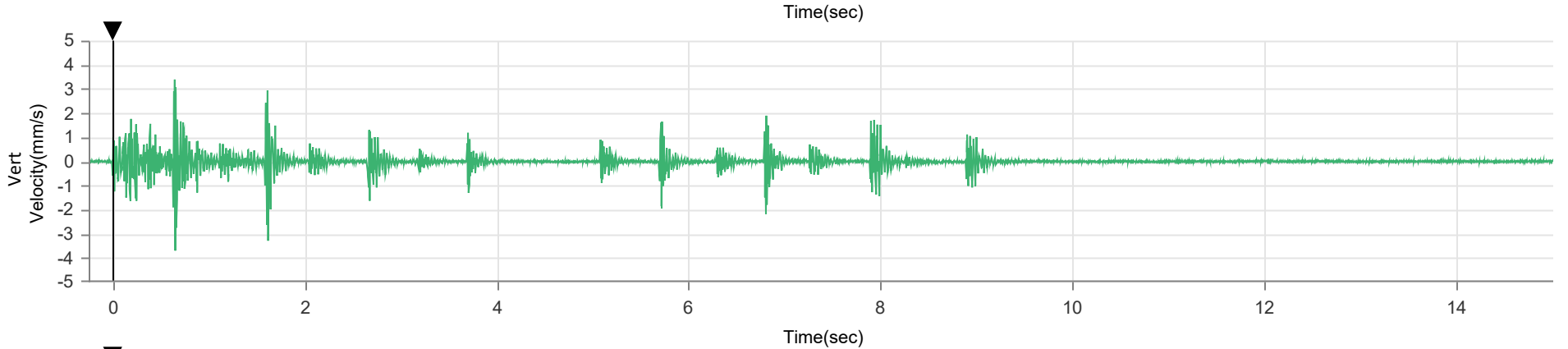


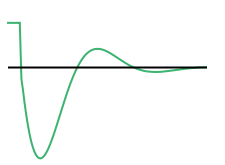
Sensor Check





✓ Passed





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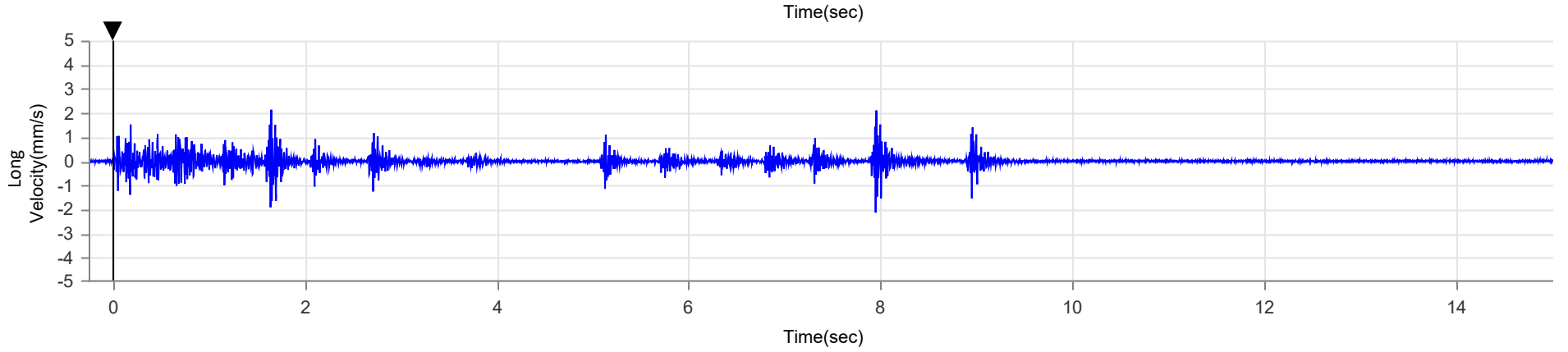
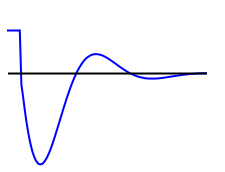




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:11	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221105095511.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

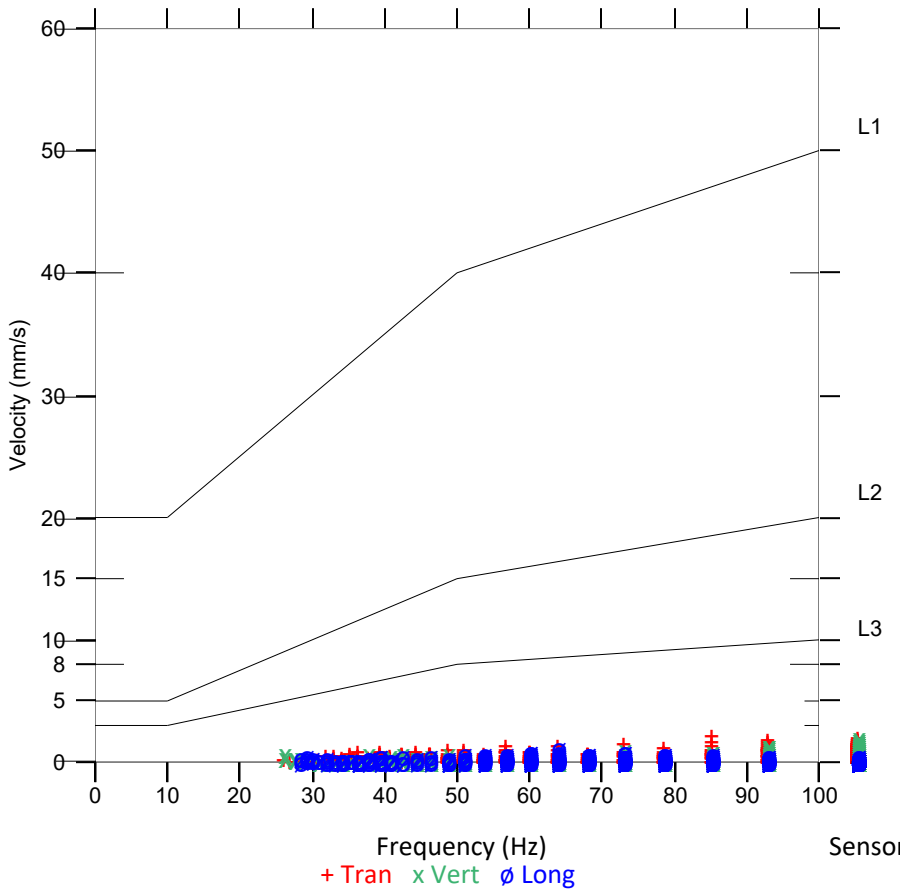
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

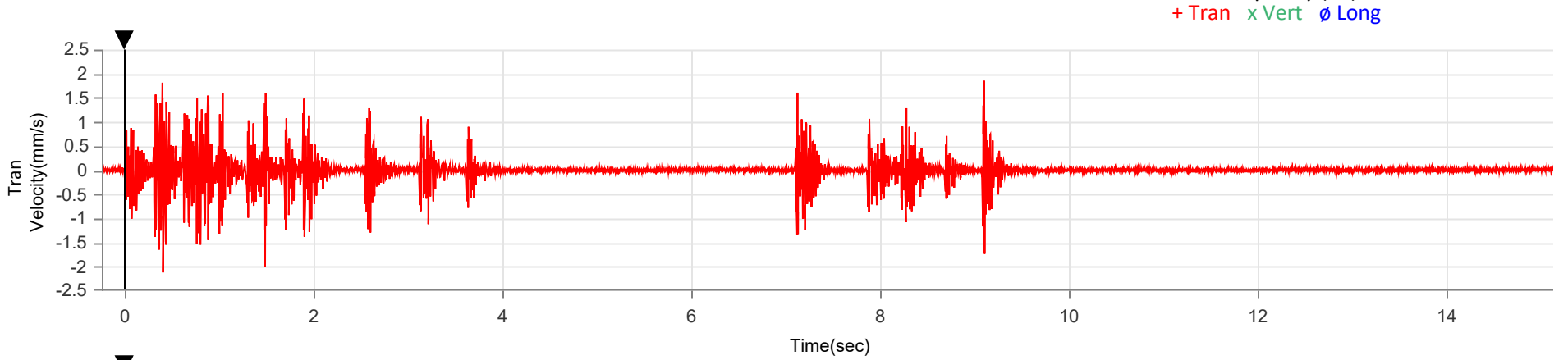
Post Event Notes No text to be displayed.

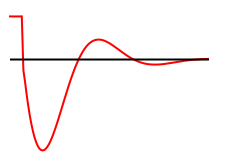
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.120 mm/s	1.978 mm/s	1.072 mm/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	64.0 Hz
Time (Relative to Trigger)	0.398 sec	1.478 sec	0.428 sec
Peak Acceleration	0.140 g	0.173 g	0.053 g
Peak Displacement	0.004 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	2.650 mm/s at 1.482 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

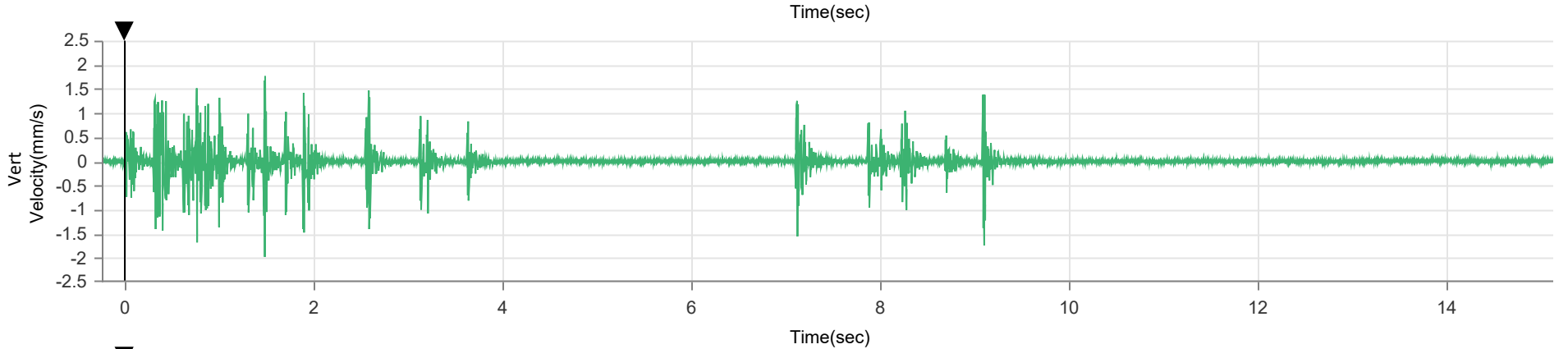


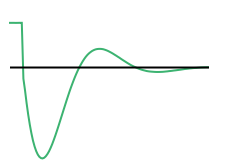
Sensor Check





✓ Passed





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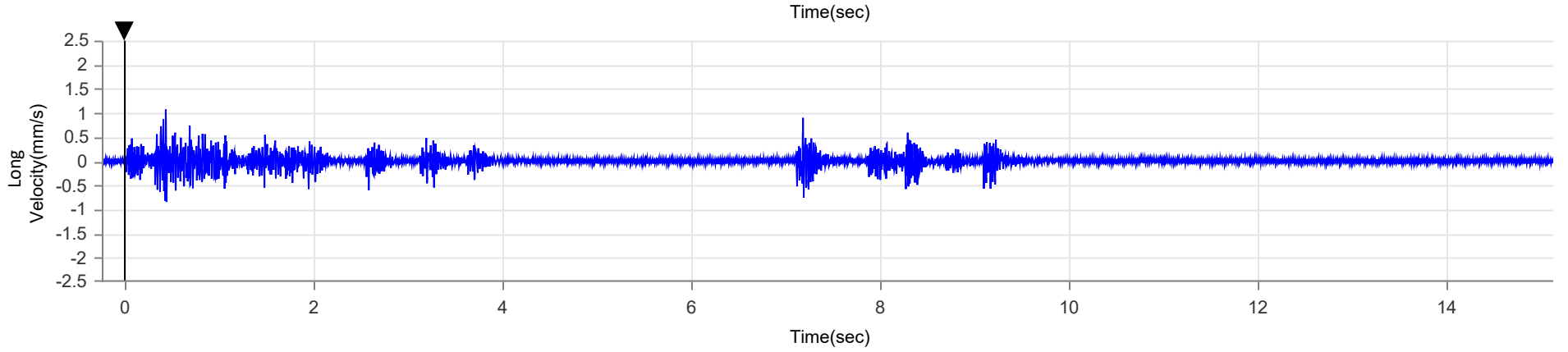
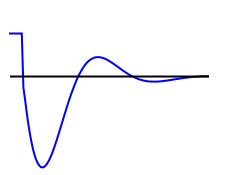




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 5, 2022 10:41:07	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/9.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221105104107.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

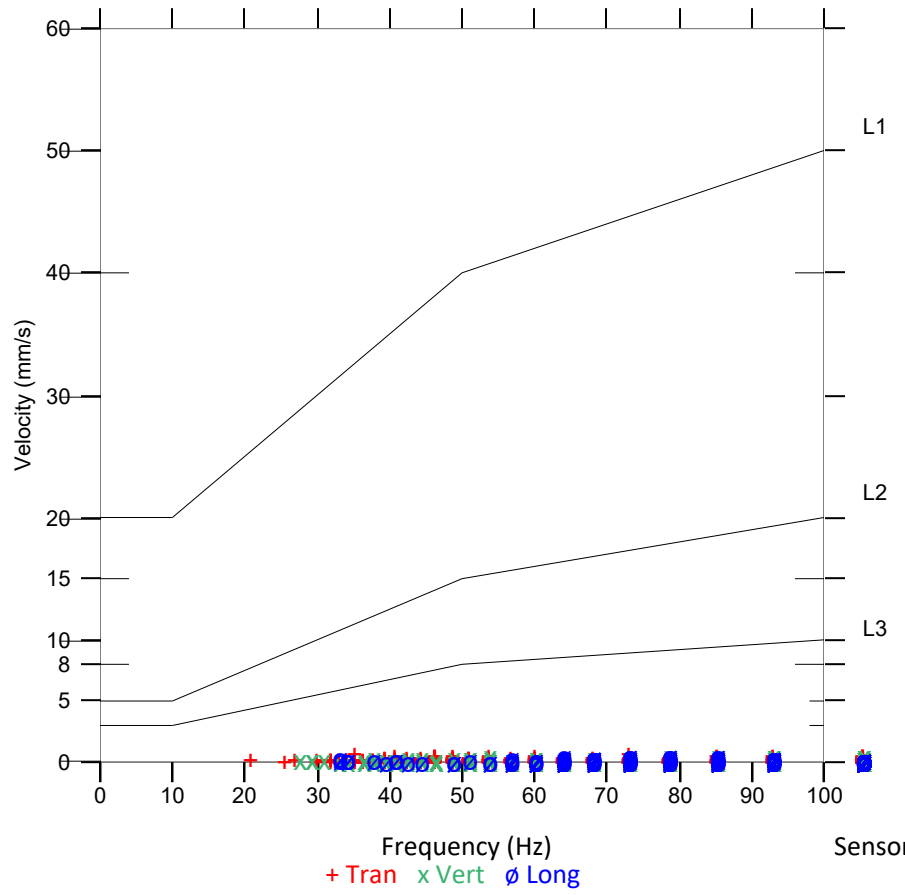
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

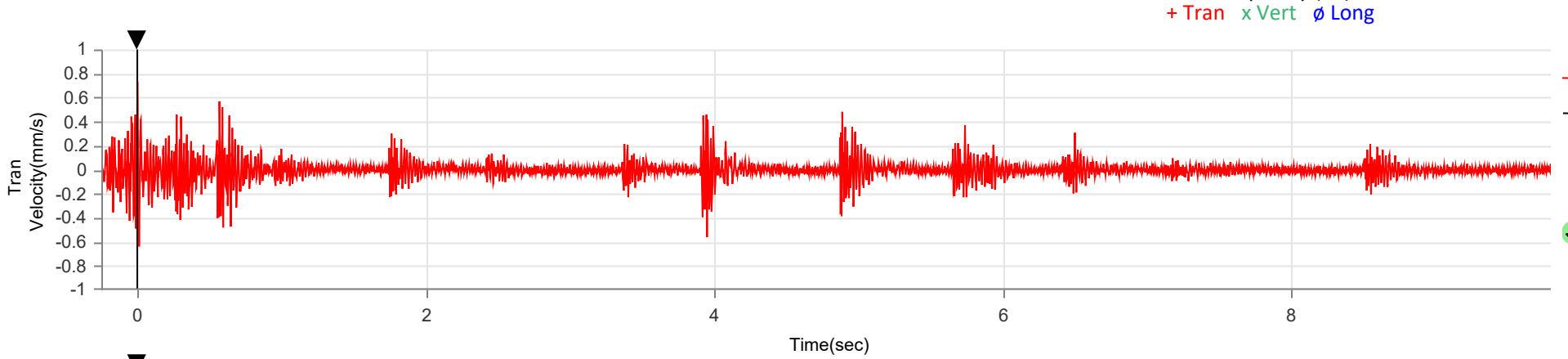
Post Event Notes No text to be displayed.

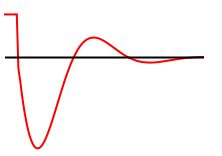
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.733 mm/s	0.528 mm/s	0.504 mm/s
Zero Crossing Frequency	73.1 Hz	93.1 Hz	64.0 Hz
Time (Relative to Trigger)	0.001 sec	0.557 sec	0.025 sec
Peak Acceleration	0.043 g	0.038 g	0.030 g
Peak Displacement	0.002 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	0.909 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

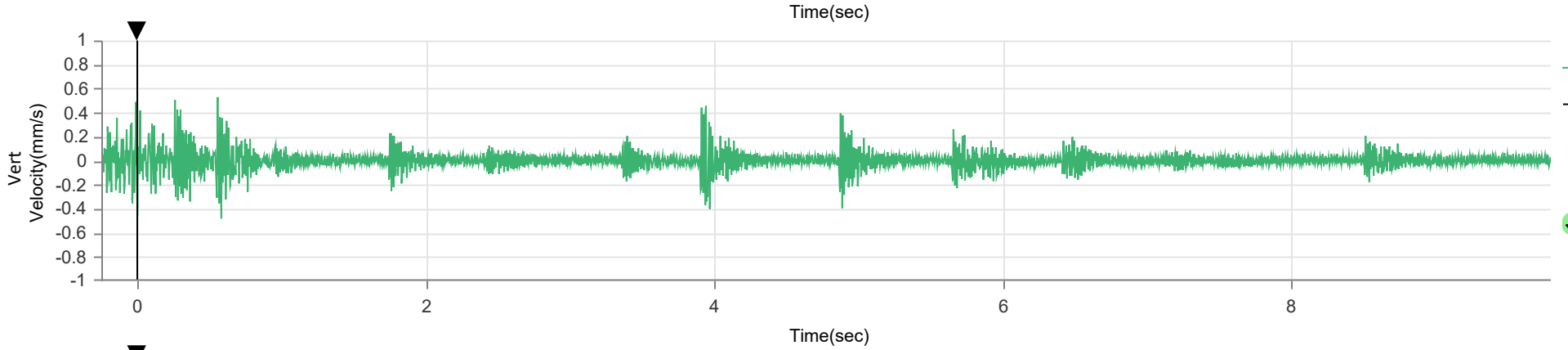


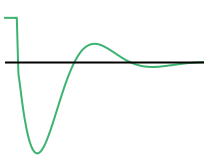
Sensor Check





✓ Passed





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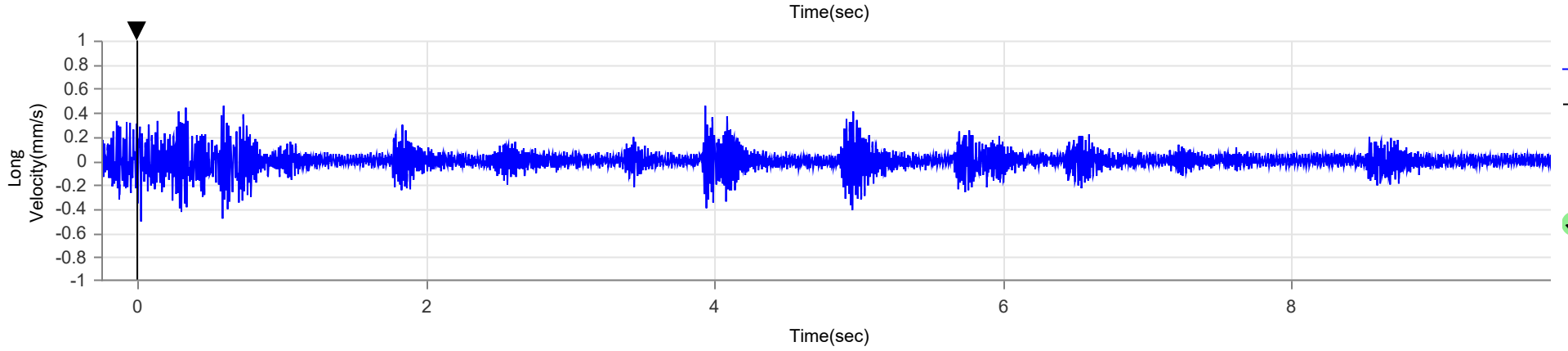
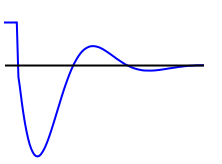




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:16:43	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221105121643.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

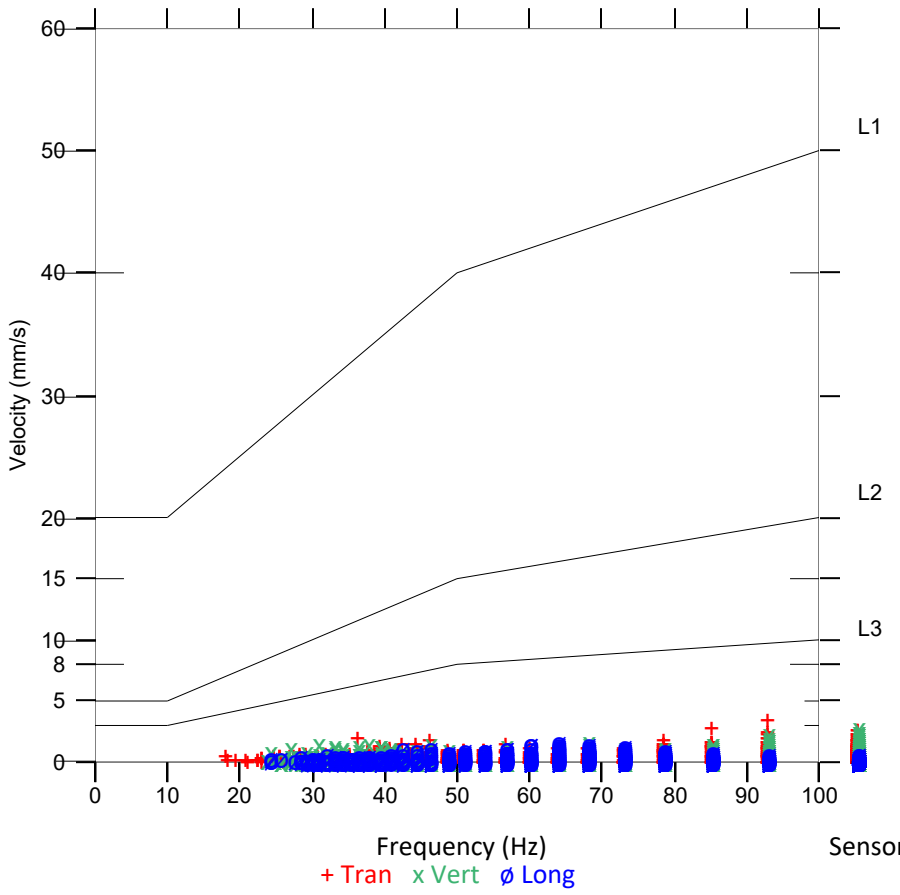
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

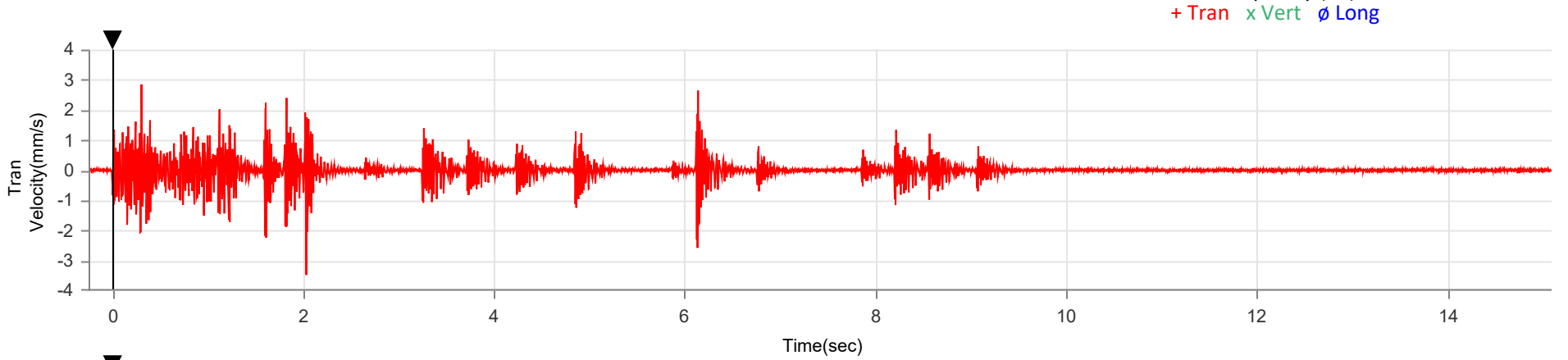
Post Event Notes No text to be displayed.

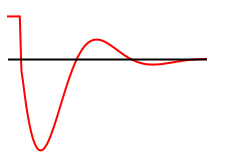
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	3.476 mm/s	2.814 mm/s	1.655 mm/s
Zero Crossing Frequency	93.1 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	2.035 sec	6.141 sec	0.145 sec
Peak Acceleration	0.191 g	0.239 g	0.077 g
Peak Displacement	0.006 mm	0.006 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	4.275 mm/s at 2.035 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

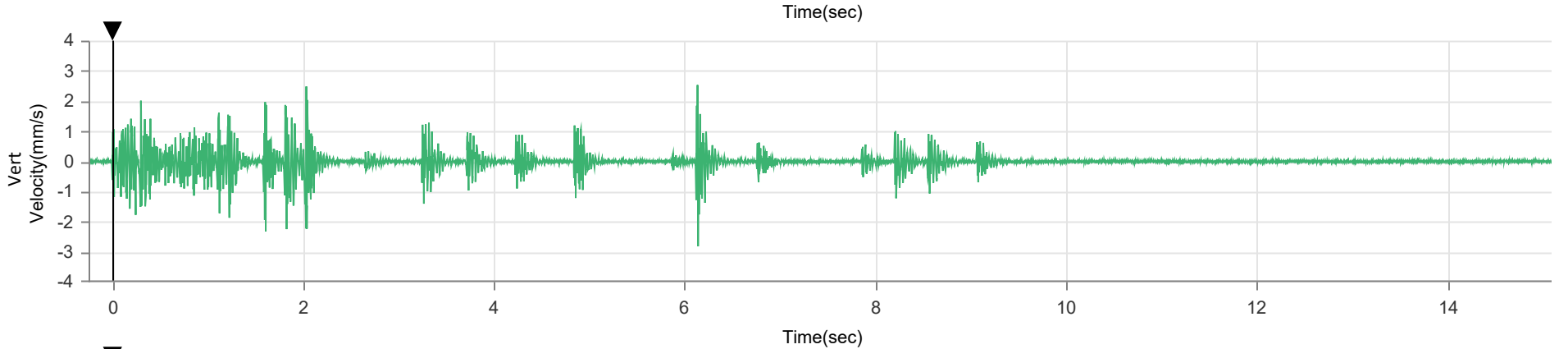


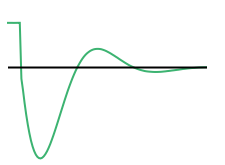
Sensor Check





✓ Passed





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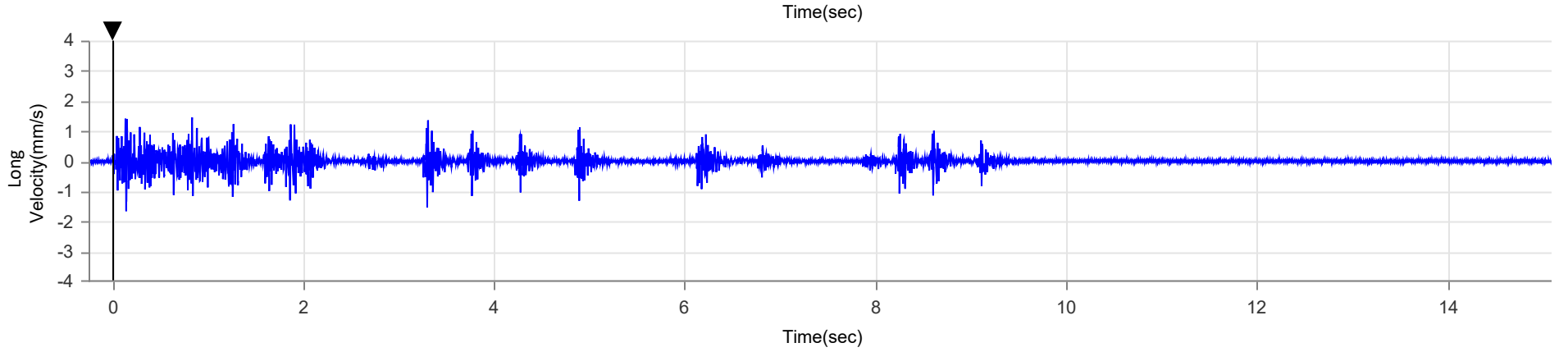
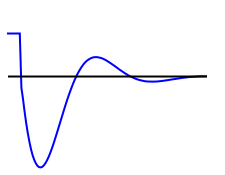




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 6, 2022 10:42:28	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/10.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221106104228.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

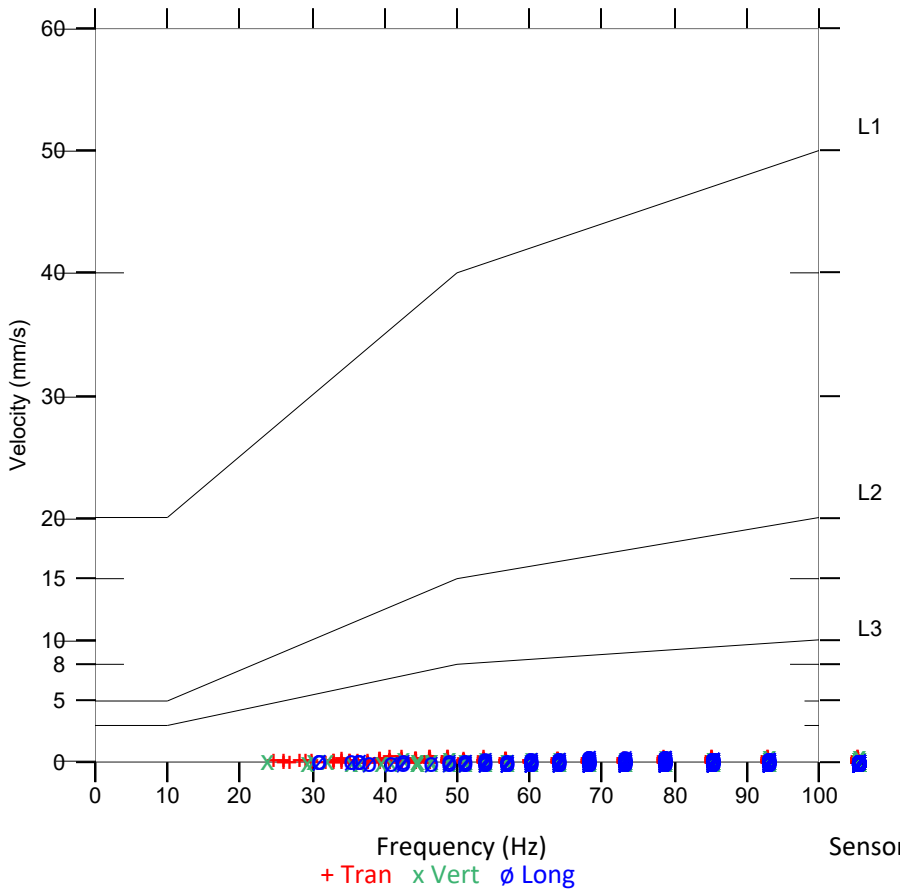
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

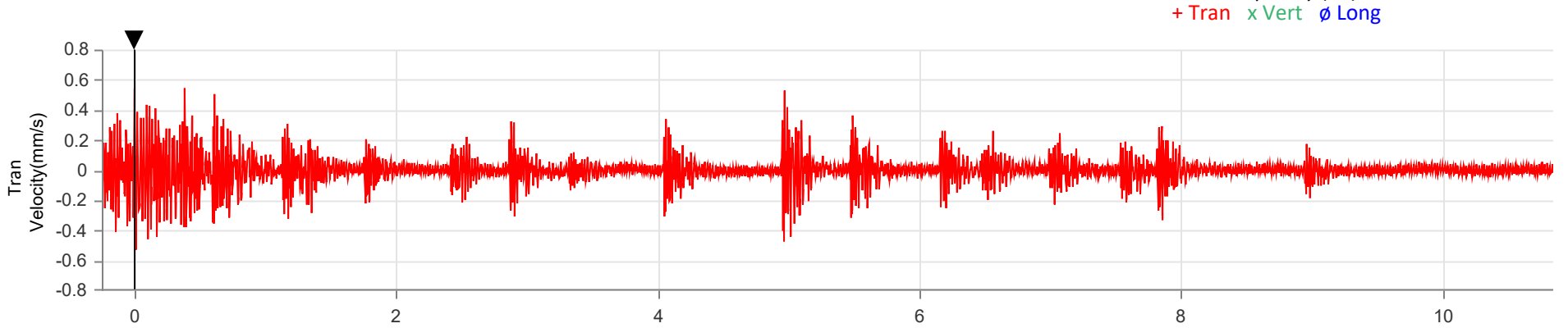
Post Event Notes No text to be displayed.

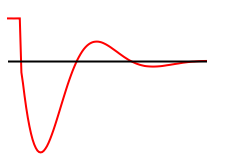
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.544 mm/s	0.504 mm/s	0.497 mm/s
Zero Crossing Frequency	53.9 Hz	>100 Hz	78.8 Hz
Time (Relative to Trigger)	0.000 sec	4.969 sec	0.669 sec
Peak Acceleration	0.039 g	0.035 g	0.026 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	0.733 mm/s at 0.104 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

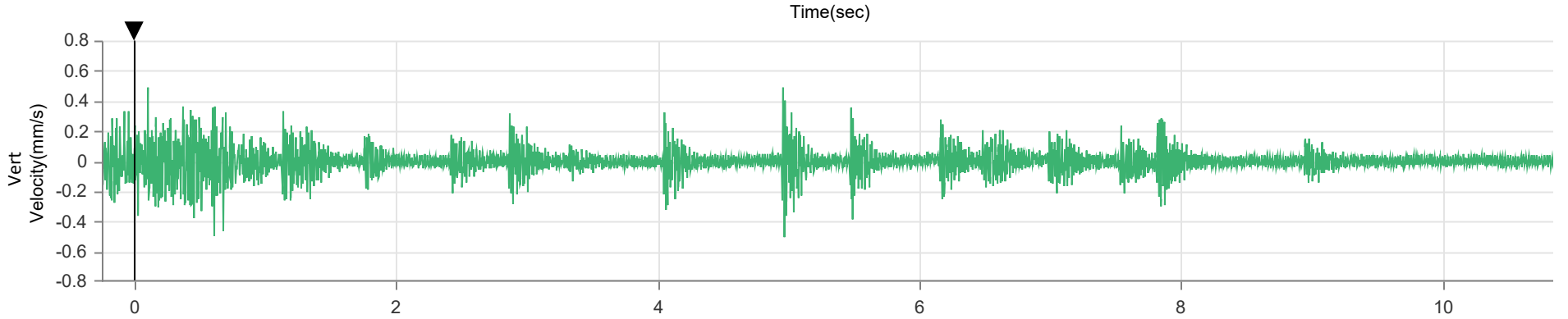


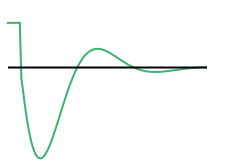
Sensor Check



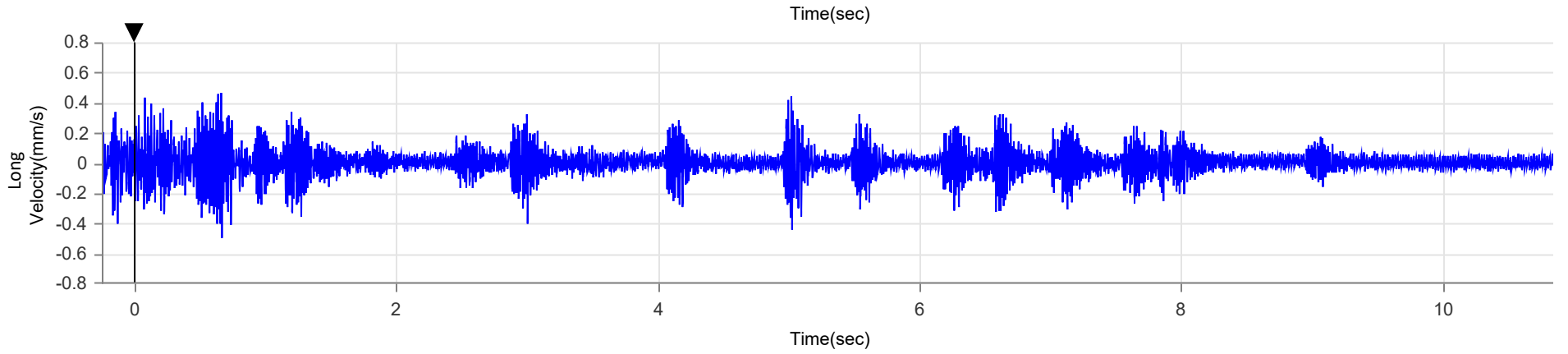


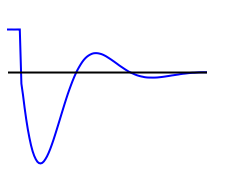
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 11:33:34	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221106113334.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

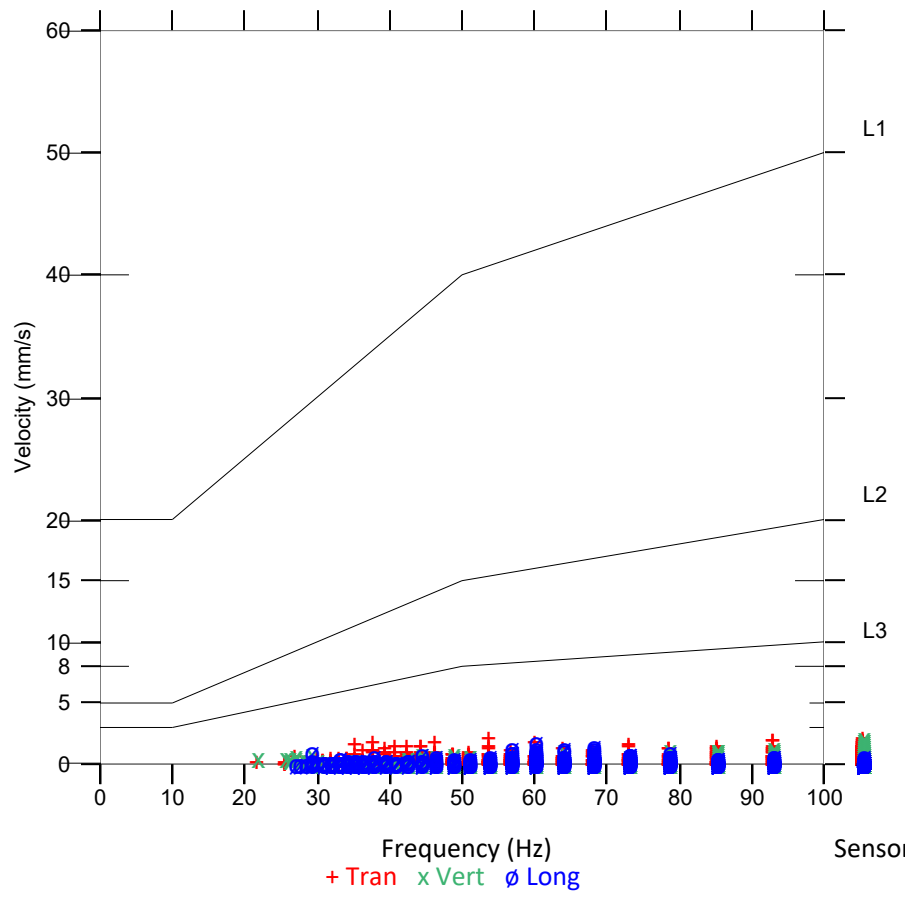
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

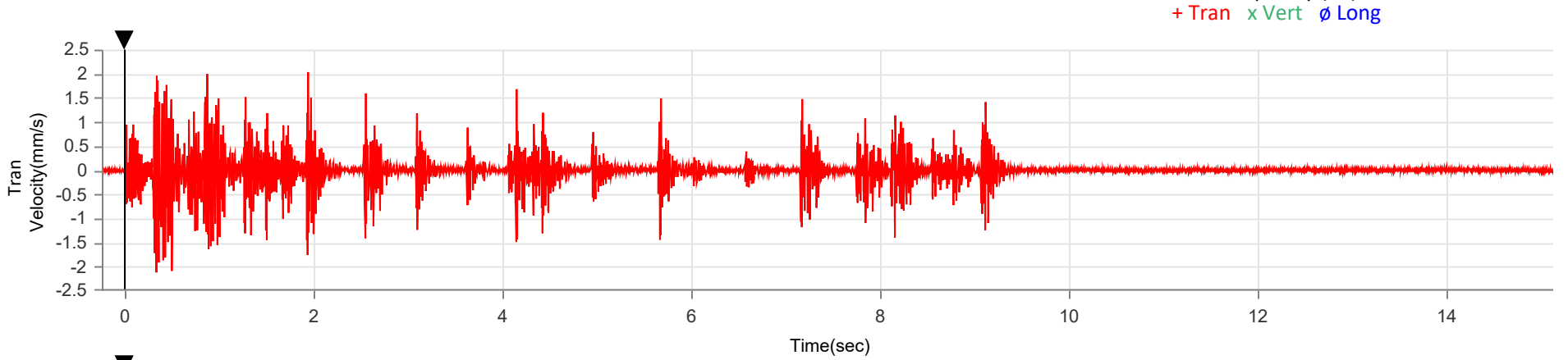
Post Event Notes No text to be displayed.

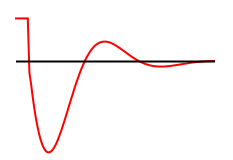
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.120 mm/s	2.160 mm/s	1.734 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	60.2 Hz
Time (Relative to Trigger)	0.329 sec	0.341 sec	0.401 sec
Peak Acceleration	0.151 g	0.174 g	0.072 g
Peak Displacement	0.007 mm	0.004 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	2.884 mm/s at 0.329 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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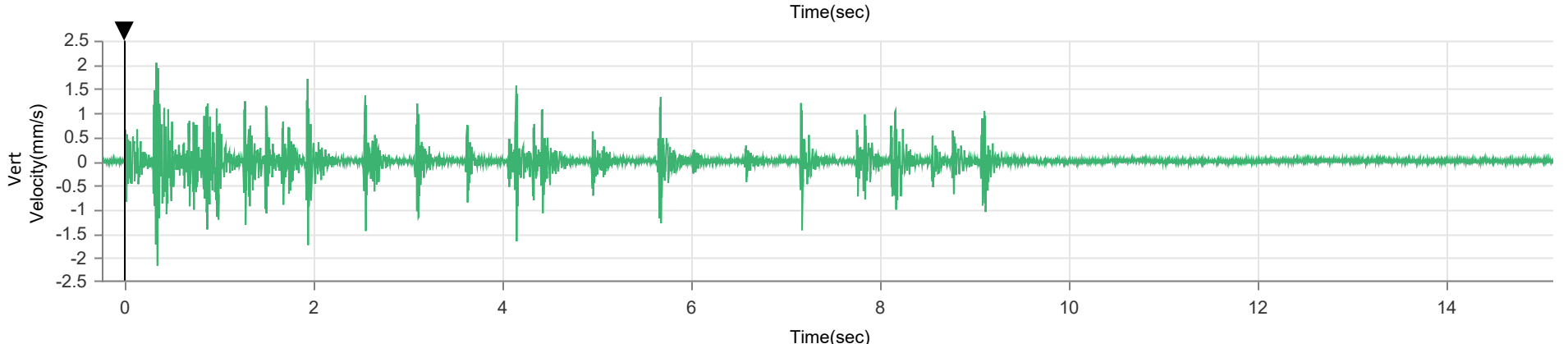

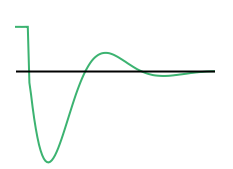

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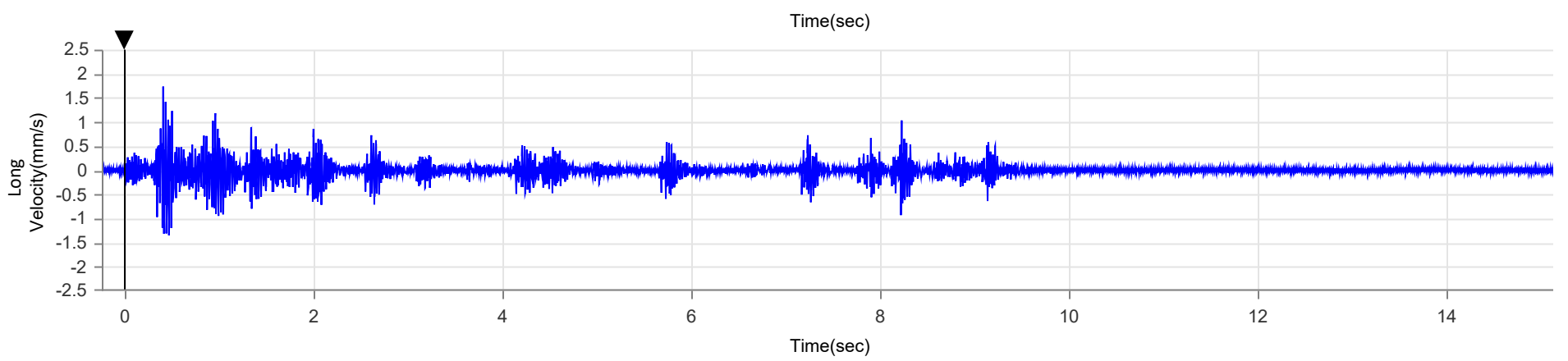
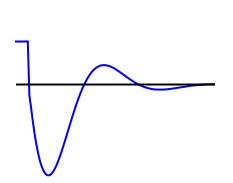




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 14:16:31	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221106141631.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

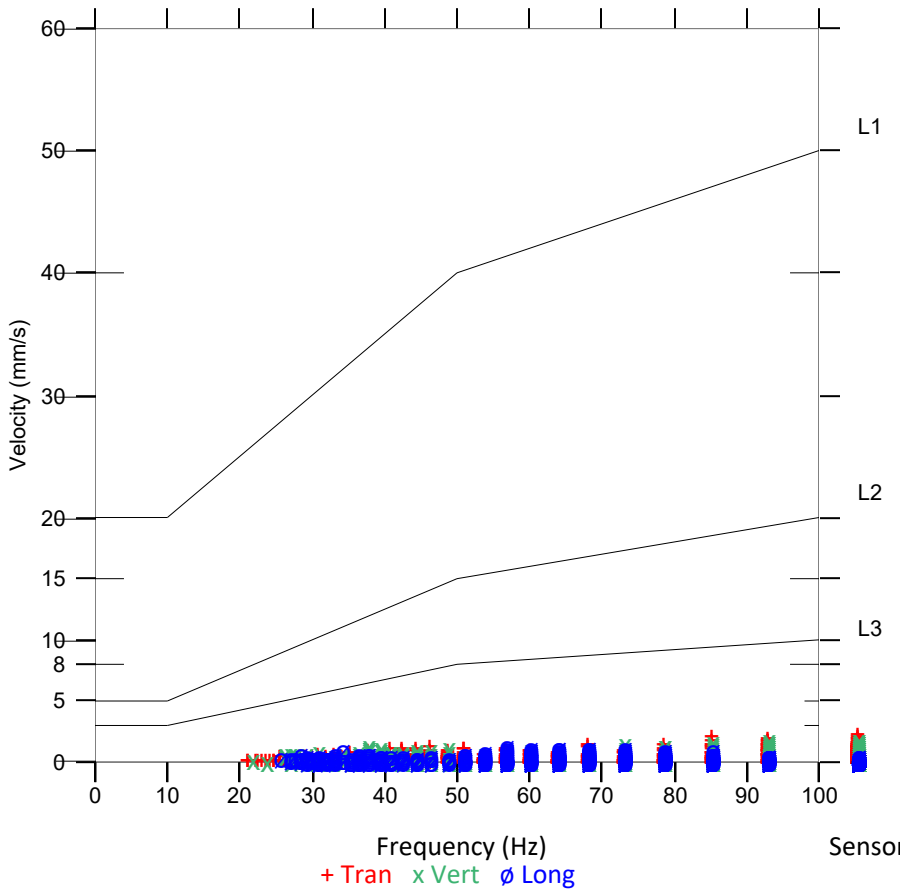
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

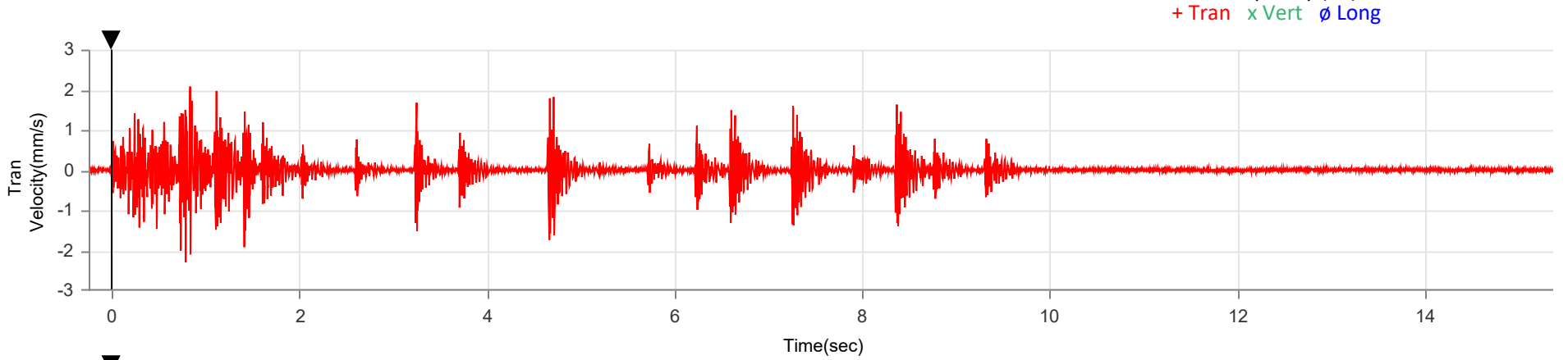
Post Event Notes No text to be displayed.

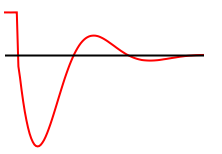
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	2.294 mm/s	1.829 mm/s	1.285 mm/s
Zero Crossing Frequency	>100 Hz	93.1 Hz	56.9 Hz
Time (Relative to Trigger)	0.786 sec	0.772 sec	8.465 sec
Peak Acceleration	0.155 g	0.143 g	0.061 g
Peak Displacement	0.004 mm	0.005 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	2.783 mm/s at 0.786 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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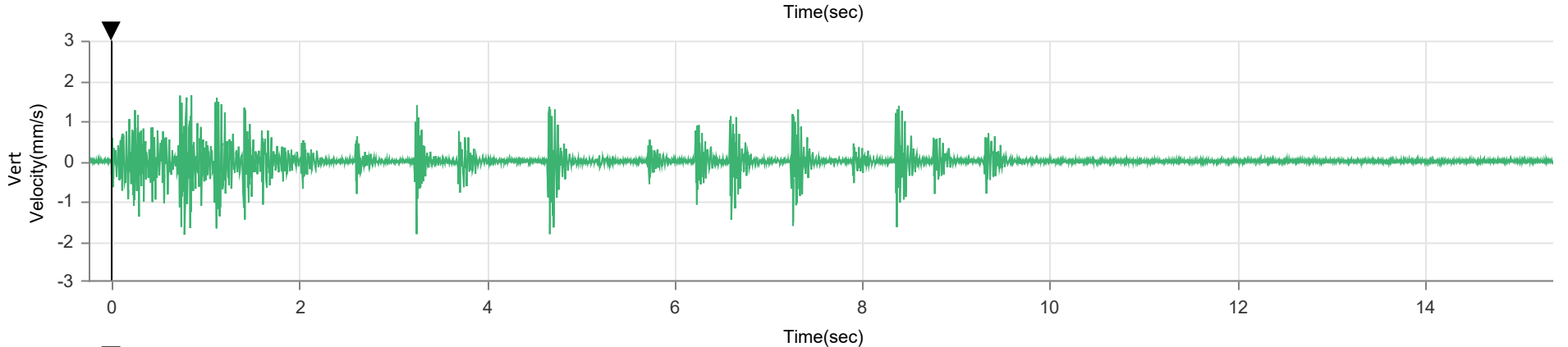

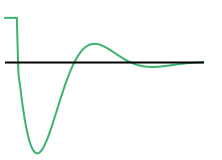

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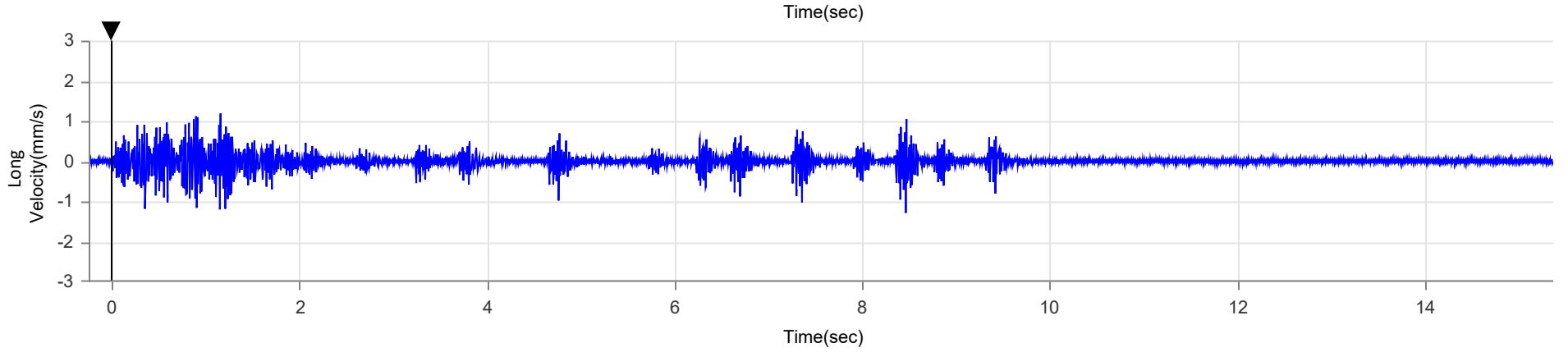

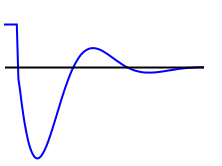

✓ Passed

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Waveform Trigger Source	Tran at November 6, 2022 19:16:25	**Serial Number**	UM20787
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	October 12, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20787_20221106191625.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

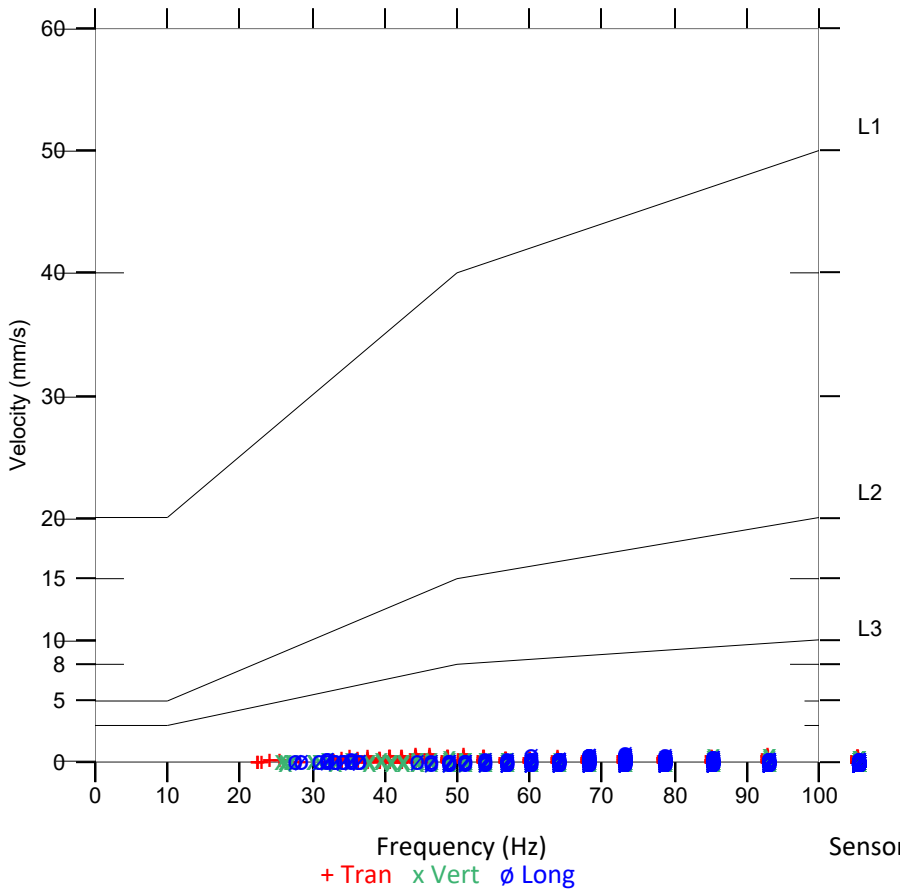
Notes

Location	MM-24, Plavje 37
Client	
Company	
General Notes	

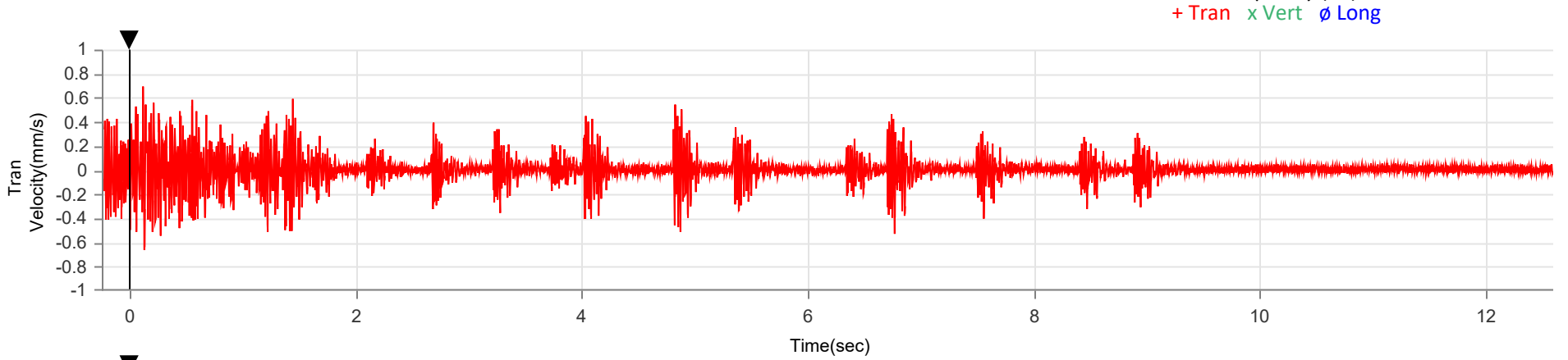
Post Event Notes No text to be displayed.

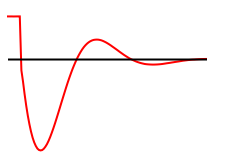
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.694 mm/s	0.662 mm/s	0.772 mm/s
Zero Crossing Frequency	51.2 Hz	85.3 Hz	73.1 Hz
Time (Relative to Trigger)	0.117 sec	0.309 sec	4.886 sec
Peak Acceleration	0.041 g	0.039 g	0.039 g
Peak Displacement	0.002 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.8	4.6
Peak Vector Sum	0.888 mm/s at 0.200 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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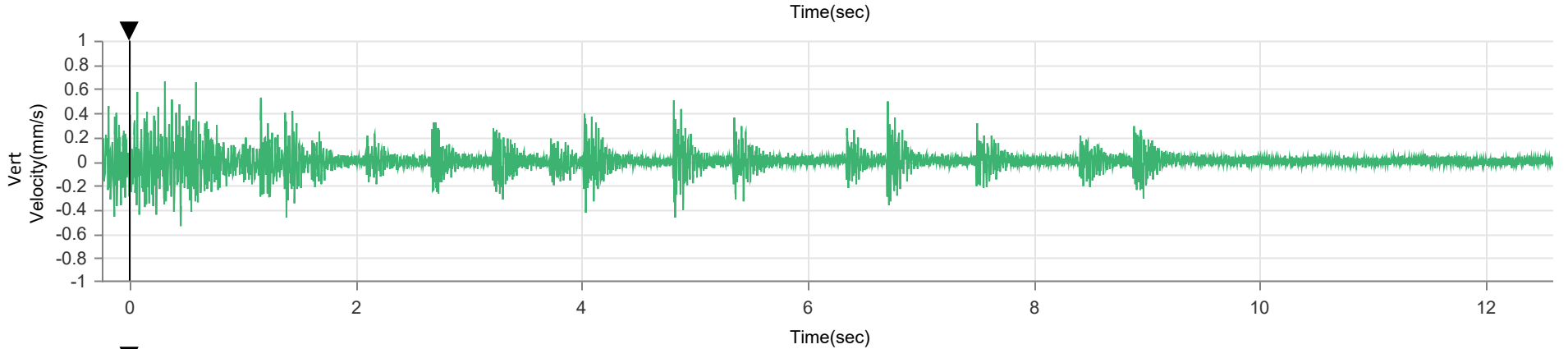

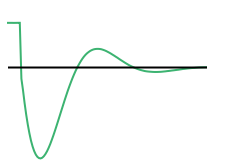

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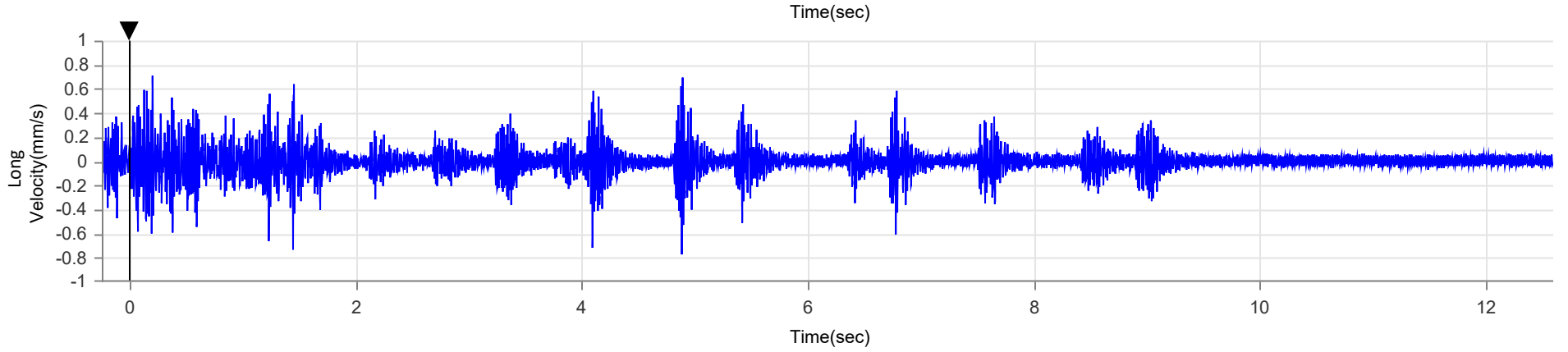

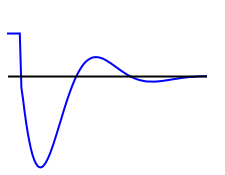

✓ Passed

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PRILOGA 1.12:
Rezultati meritev

- MM-25 (Plavje 44) -

Waveform Trigger Source	Vert at November 1, 2022 12:57:32	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221101125732.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

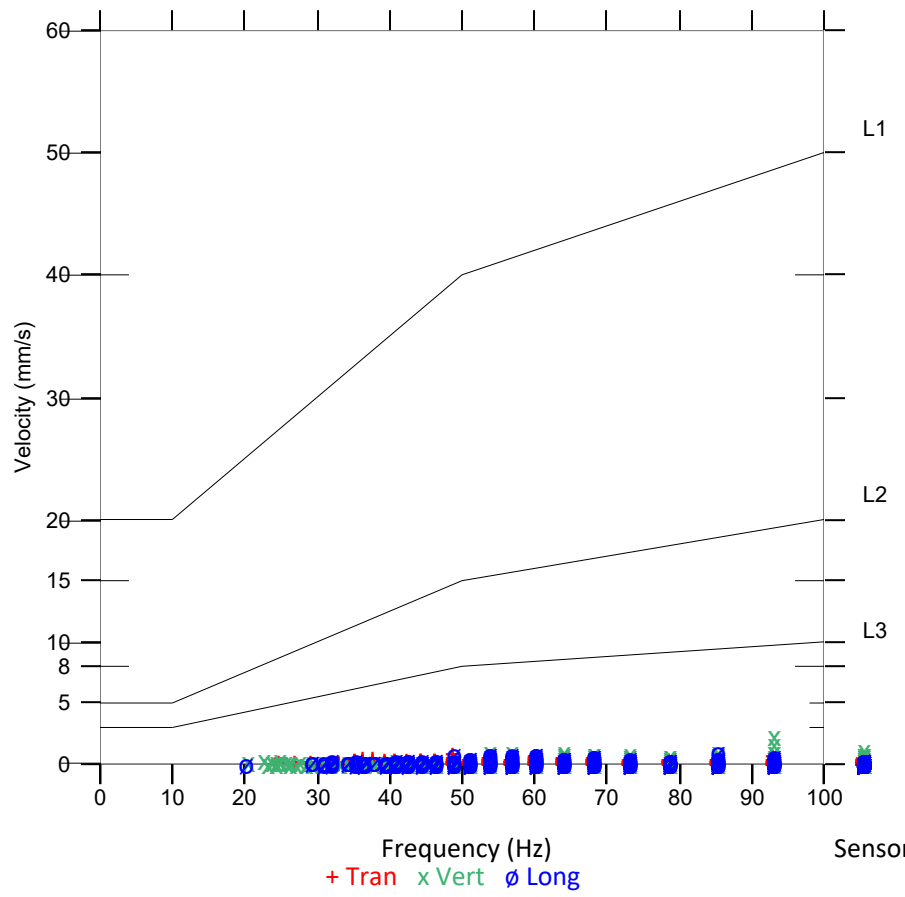
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

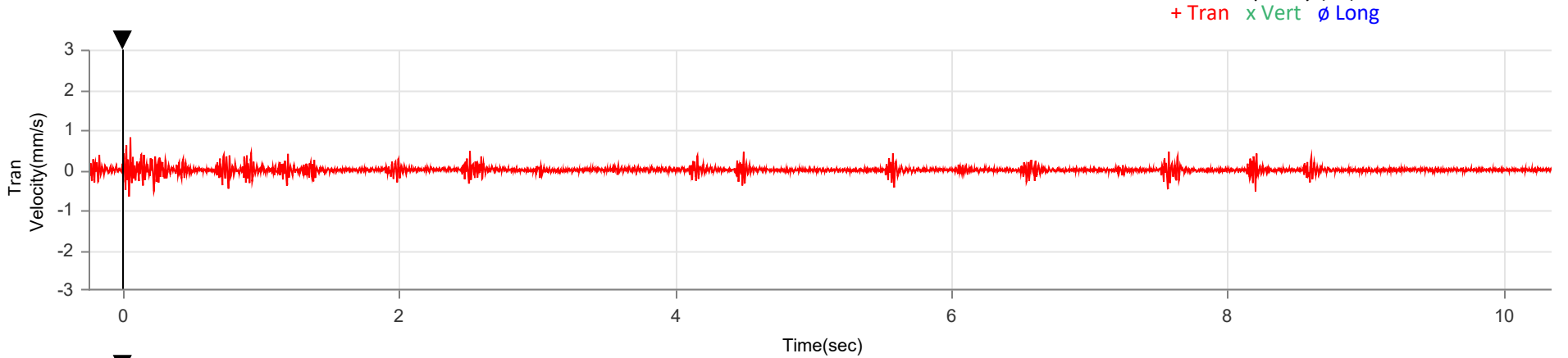
Post Event Notes No text to be displayed.

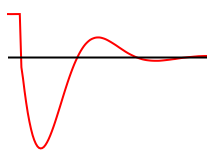
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.812 mm/s	2.317 mm/s	0.906 mm/s
Zero Crossing Frequency	51.2 Hz	93.1 Hz	85.3 Hz
Time (Relative to Trigger)	0.054 sec	0.001 sec	0.026 sec
Peak Acceleration	0.036 g	0.118 g	0.048 g
Peak Displacement	0.002 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	2.362 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

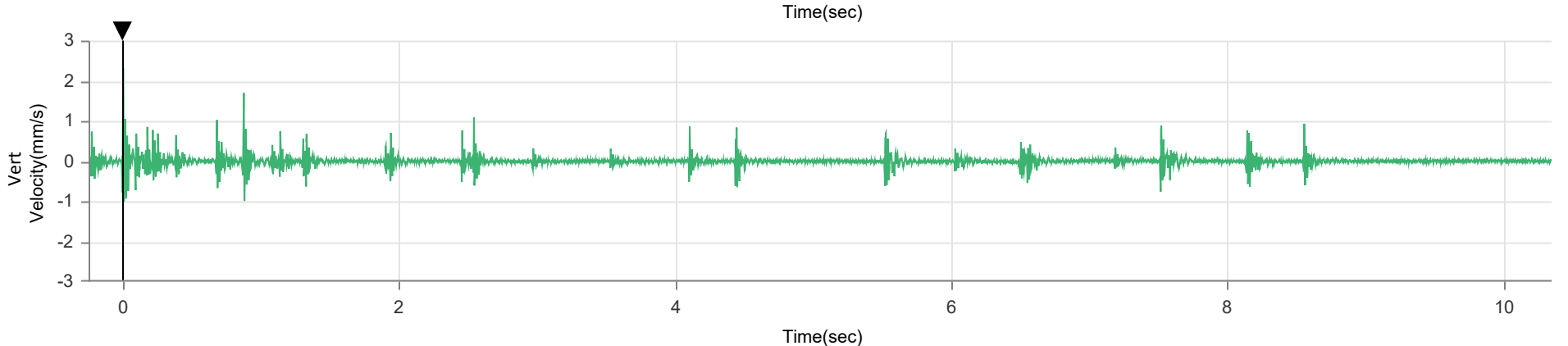


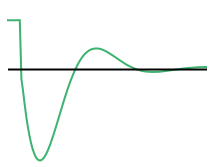
Sensor Check



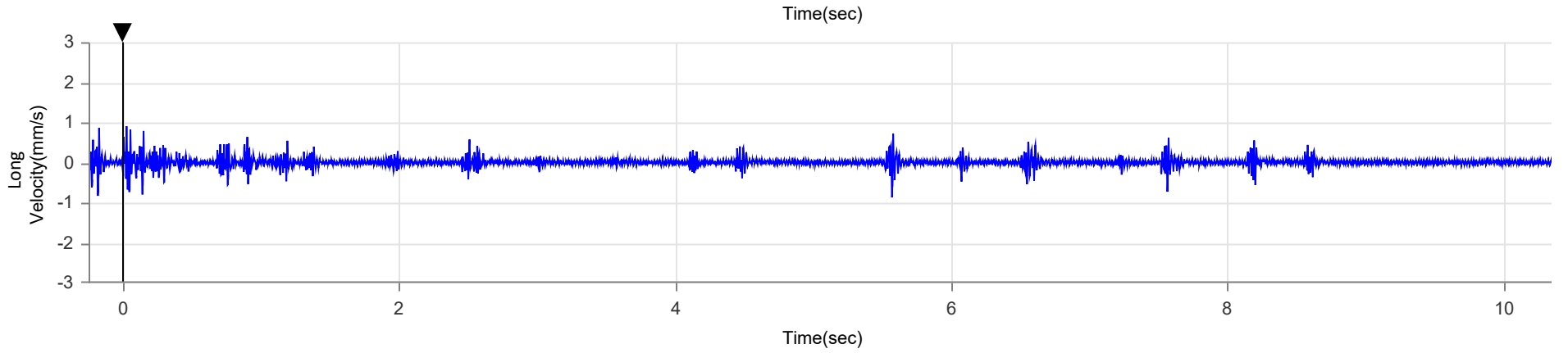


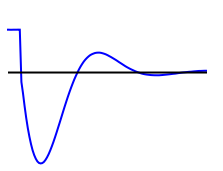
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 13:00:12	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221101130012.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

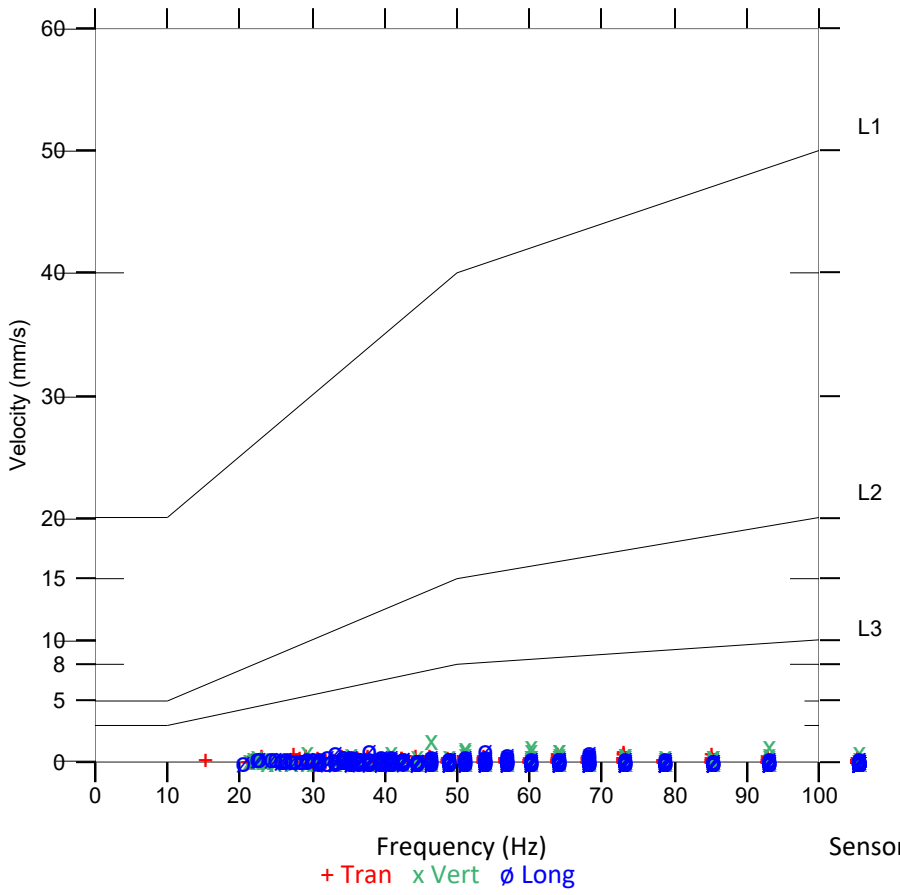
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

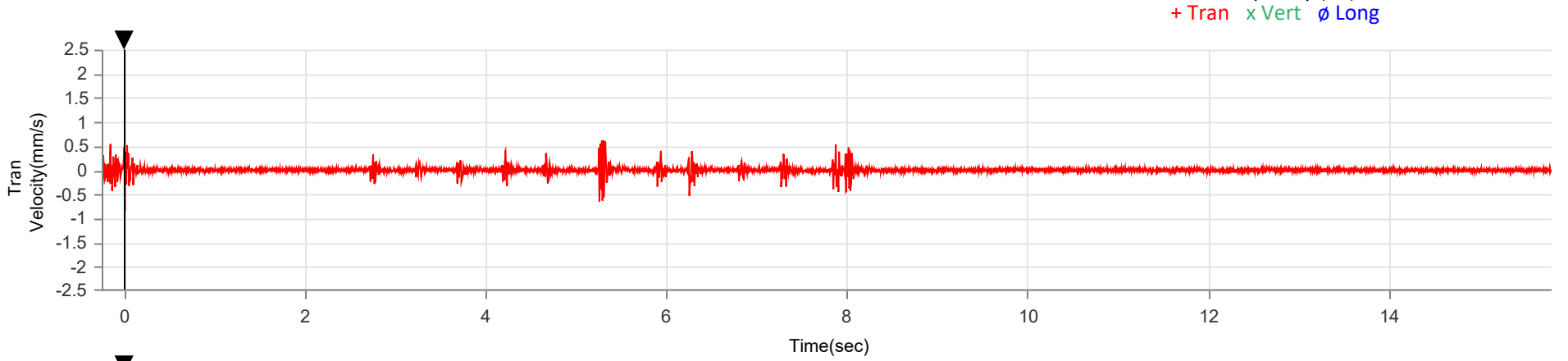
Post Event Notes No text to be displayed.

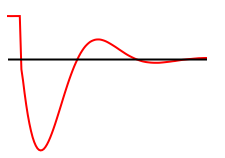
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.843 mm/s	1.836 mm/s	1.056 mm/s
Zero Crossing Frequency	73.1 Hz	48.8 Hz	37.9 Hz
Time (Relative to Trigger)	0.008 sec	5.262 sec	5.293 sec
Peak Acceleration	0.043 g	0.090 g	0.049 g
Peak Displacement	0.003 mm	0.004 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	2.051 mm/s at 5.262 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

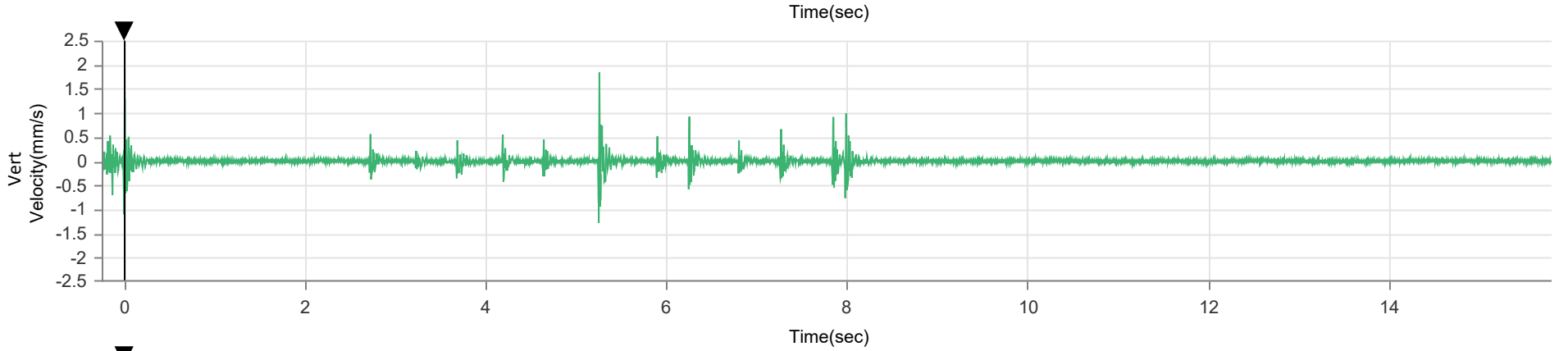


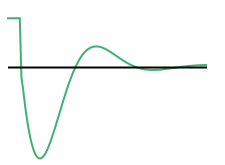
Sensor Check



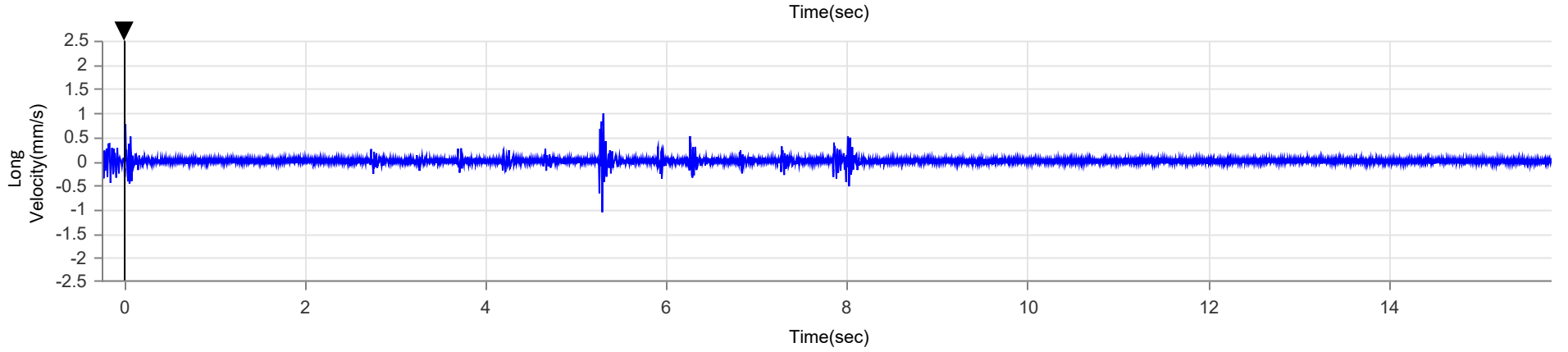


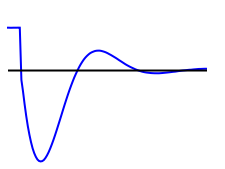
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 10:17:43	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/16.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221102101743.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

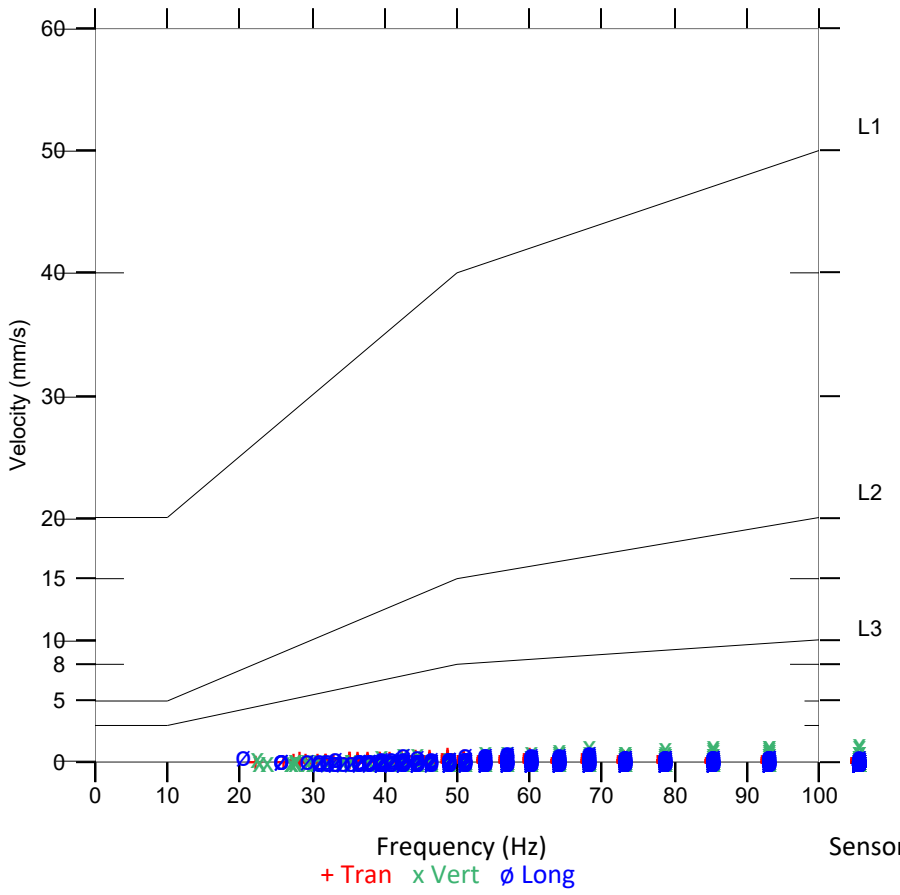
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

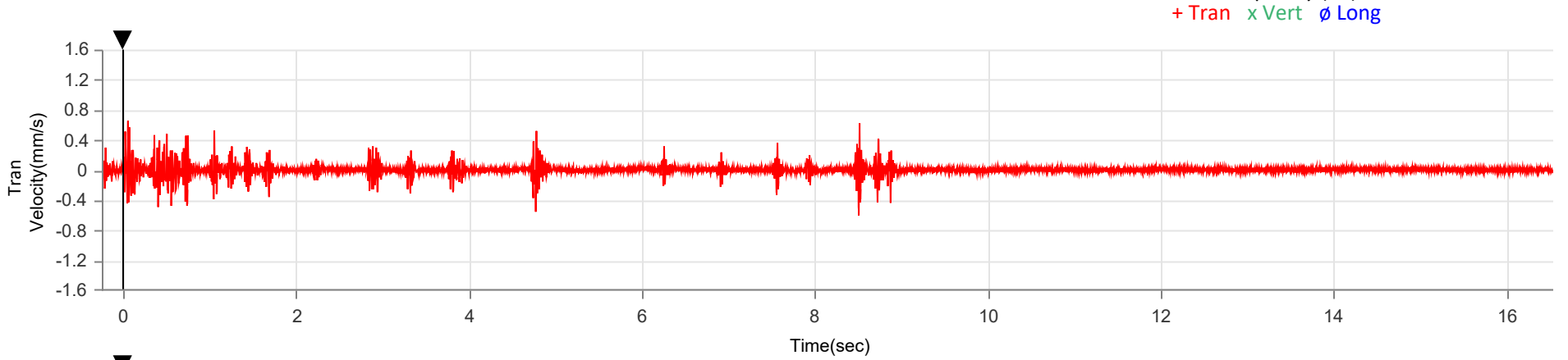
Post Event Notes No text to be displayed.

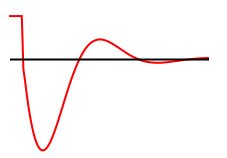
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.654 mm/s	1.411 mm/s	0.788 mm/s
Zero Crossing Frequency	60.2 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.053 sec	2.833 sec	0.054 sec
Peak Acceleration	0.030 g	0.109 g	0.039 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.436 mm/s at 2.833 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

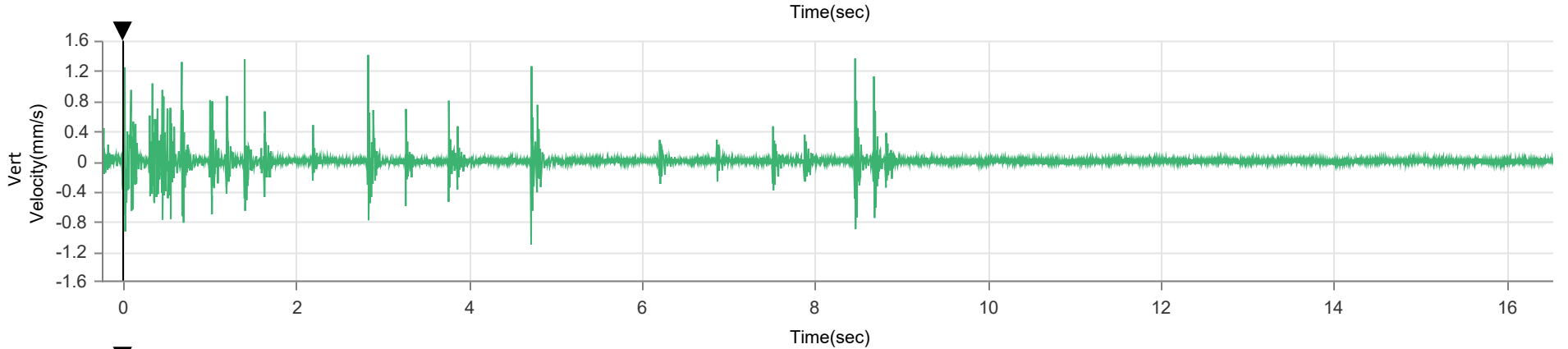


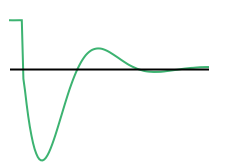
Sensor Check



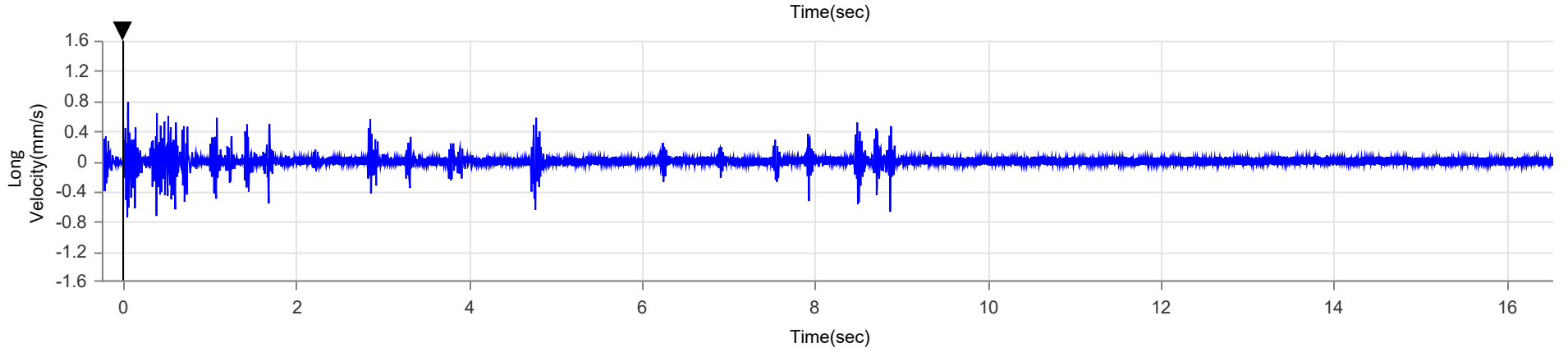


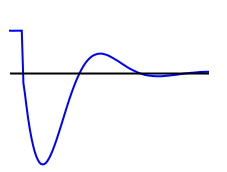
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 14:11:32	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221102141132.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

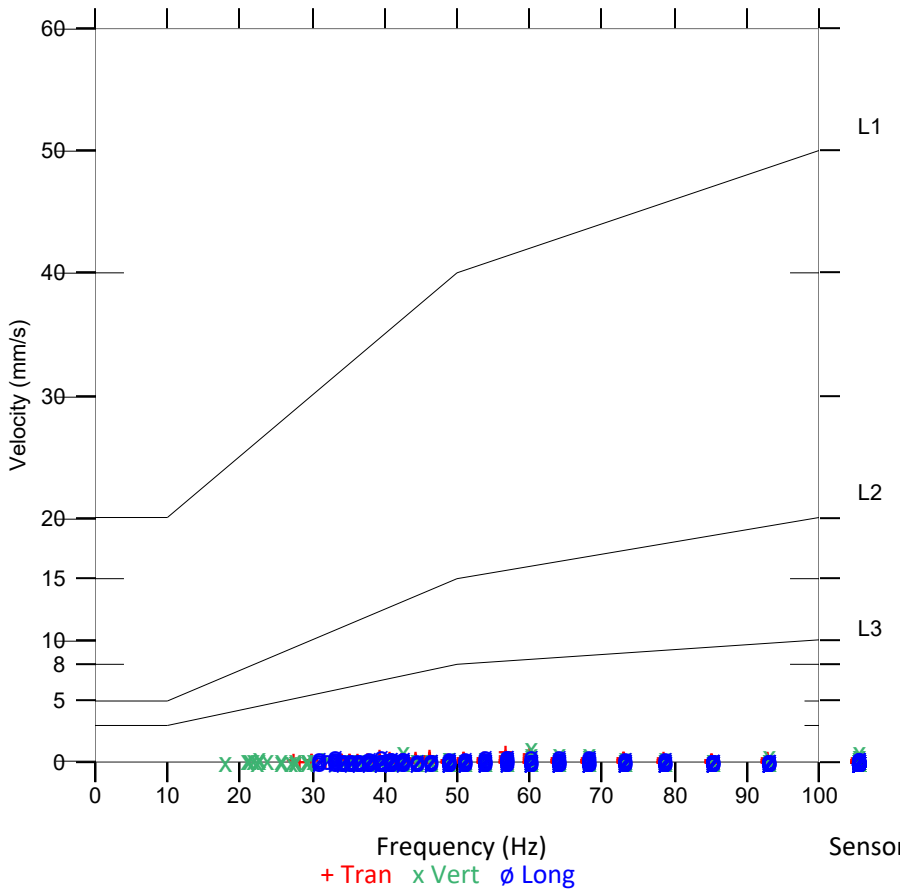
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

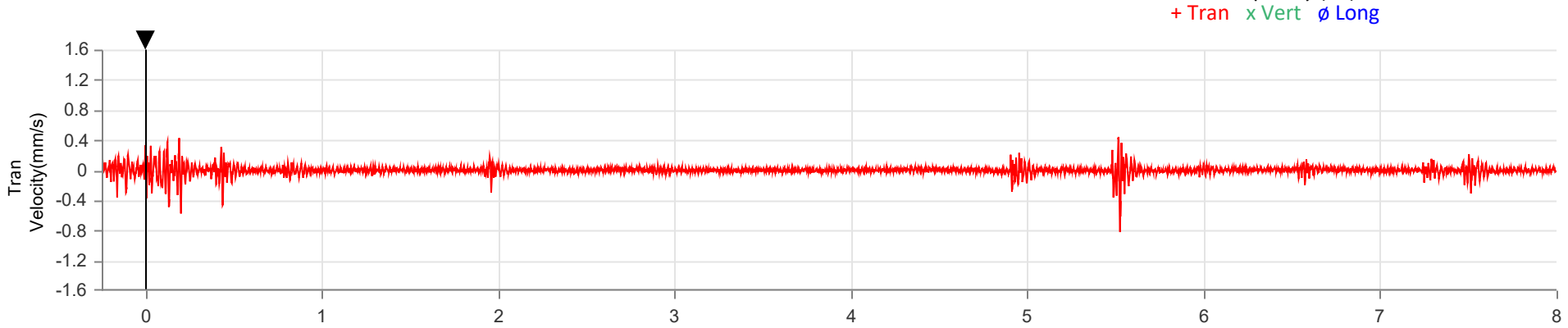
Post Event Notes No text to be displayed.

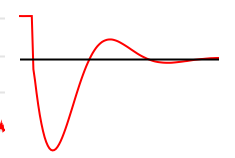
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.812 mm/s	1.088 mm/s	0.528 mm/s
Zero Crossing Frequency	56.9 Hz	64.0 Hz	64.0 Hz
Time (Relative to Trigger)	5.525 sec	0.000 sec	-0.002 sec
Peak Acceleration	0.030 g	0.102 g	0.041 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.100 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

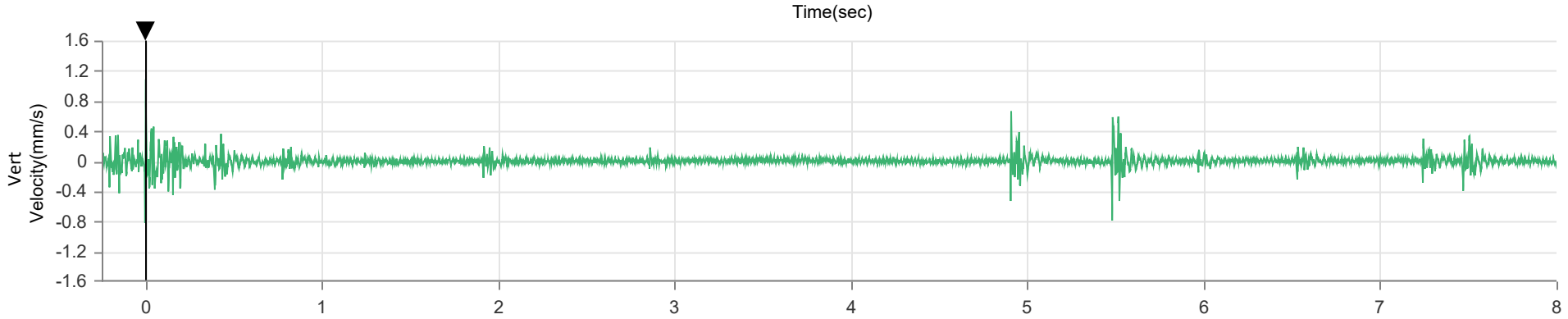


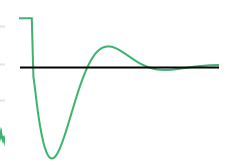
Sensor Check



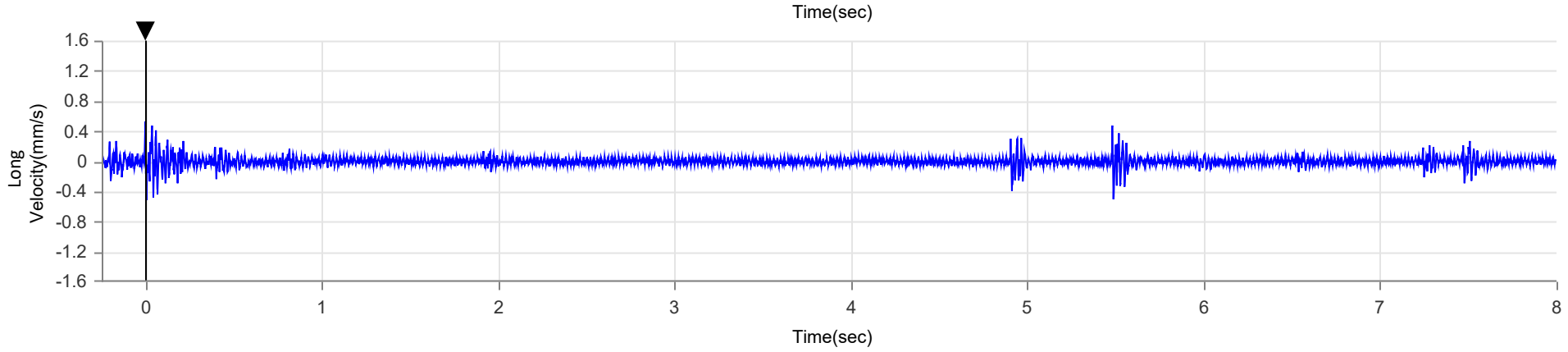


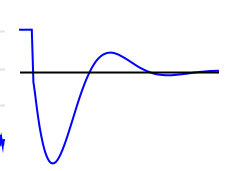
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 15:31:14	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221102153114.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

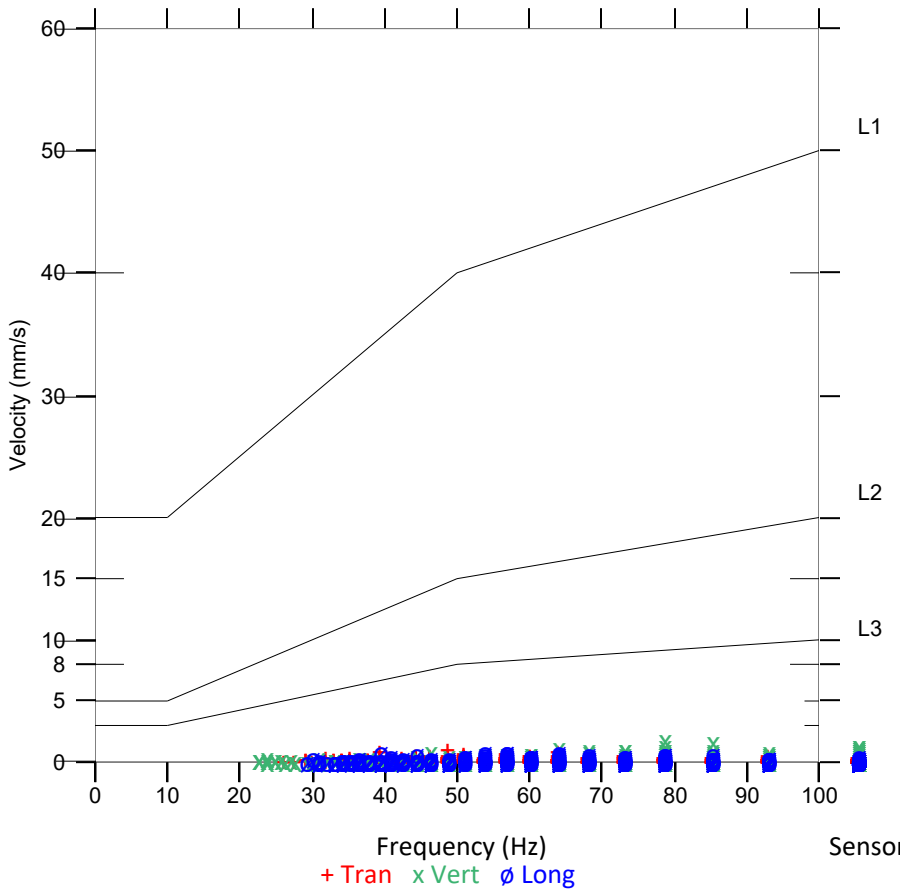
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

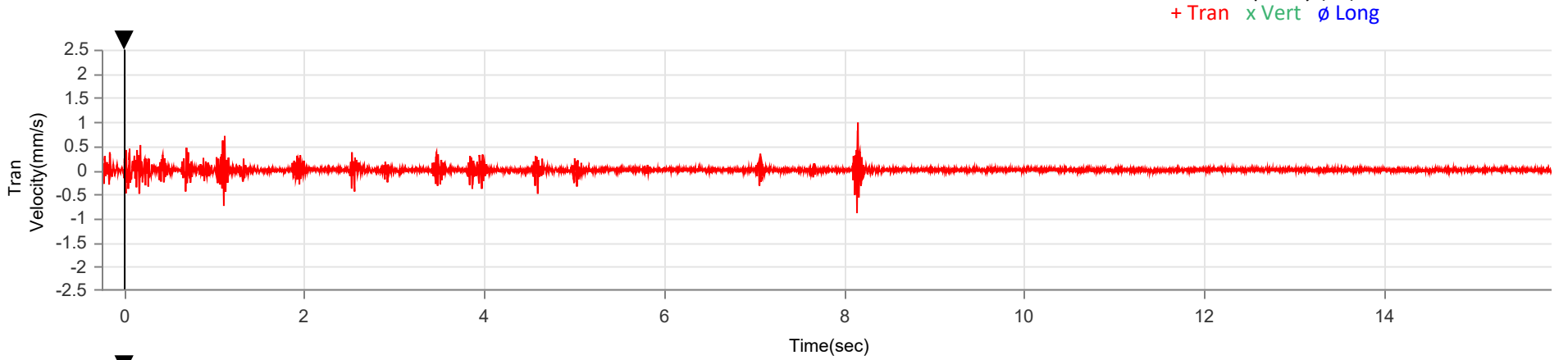
Post Event Notes No text to be displayed.

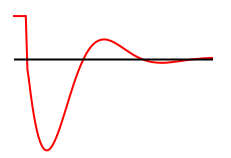
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.985 mm/s	1.844 mm/s	0.851 mm/s
Zero Crossing Frequency	48.8 Hz	78.8 Hz	39.4 Hz
Time (Relative to Trigger)	8.154 sec	8.103 sec	0.055 sec
Peak Acceleration	0.036 g	0.099 g	0.039 g
Peak Displacement	0.003 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.861 mm/s at 8.103 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

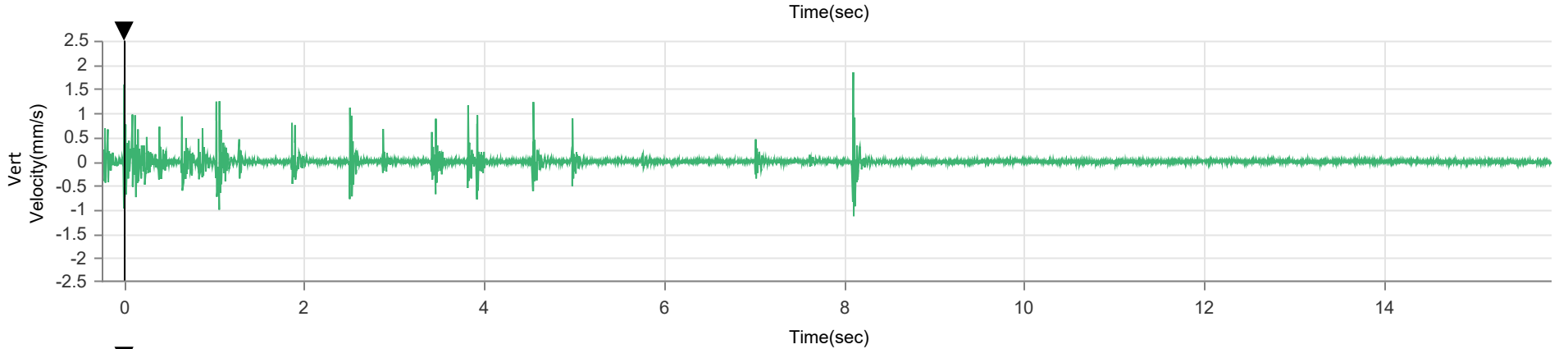


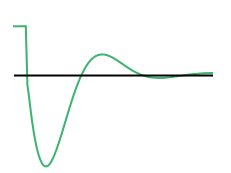
Sensor Check



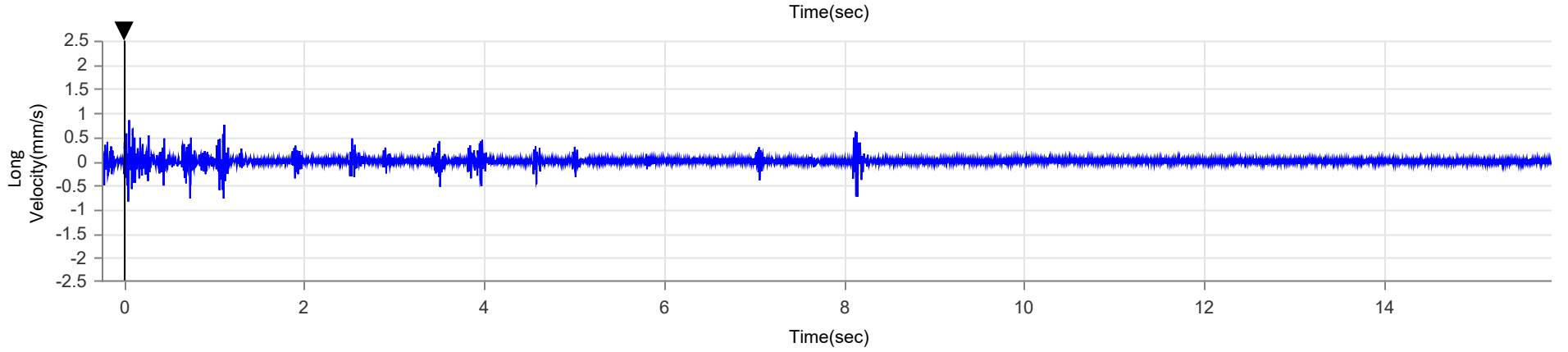


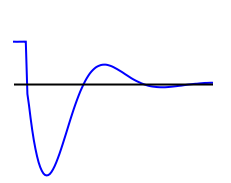
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 3, 2022 10:57:51	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221103105751.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

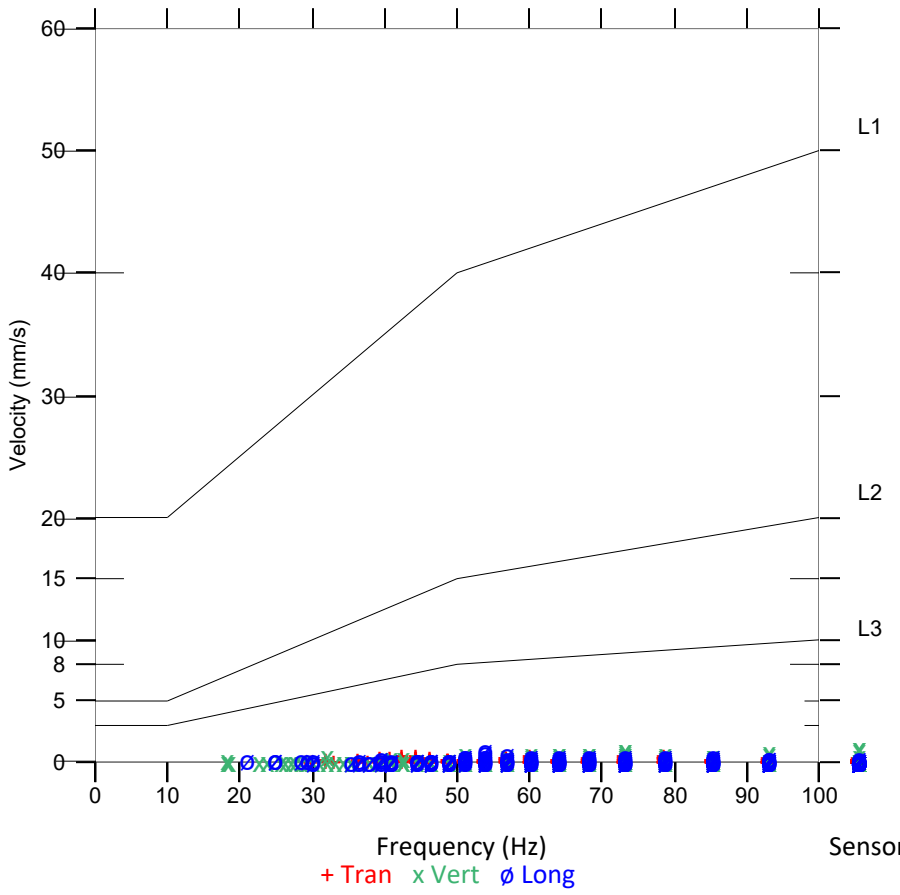
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

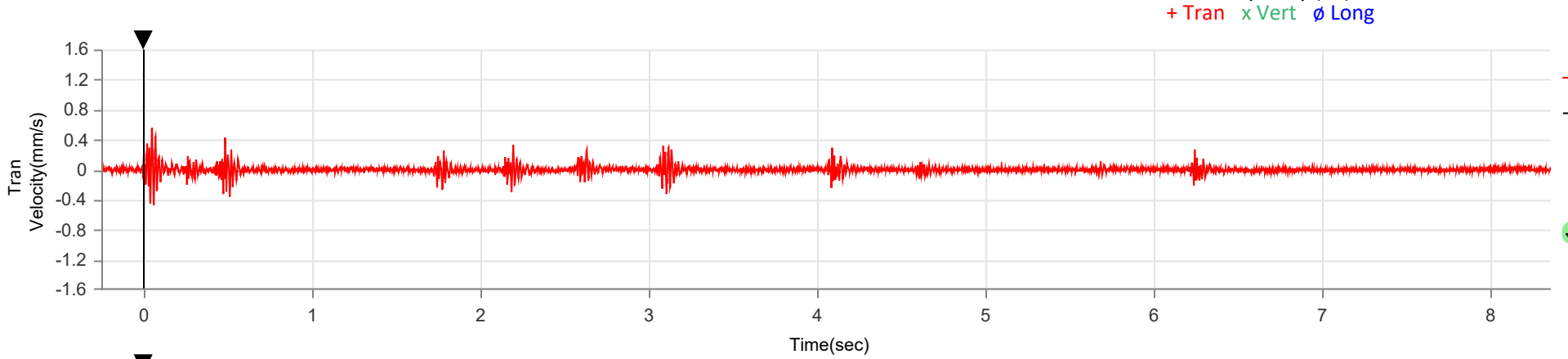
Post Event Notes No text to be displayed.

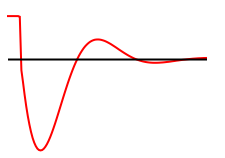
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.560 mm/s	1.190 mm/s	0.922 mm/s
Zero Crossing Frequency	42.7 Hz	>100 Hz	53.9 Hz
Time (Relative to Trigger)	0.052 sec	0.000 sec	3.112 sec
Peak Acceleration	0.026 g	0.076 g	0.033 g
Peak Displacement	0.002 mm	0.002 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.234 mm/s at 0.463 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

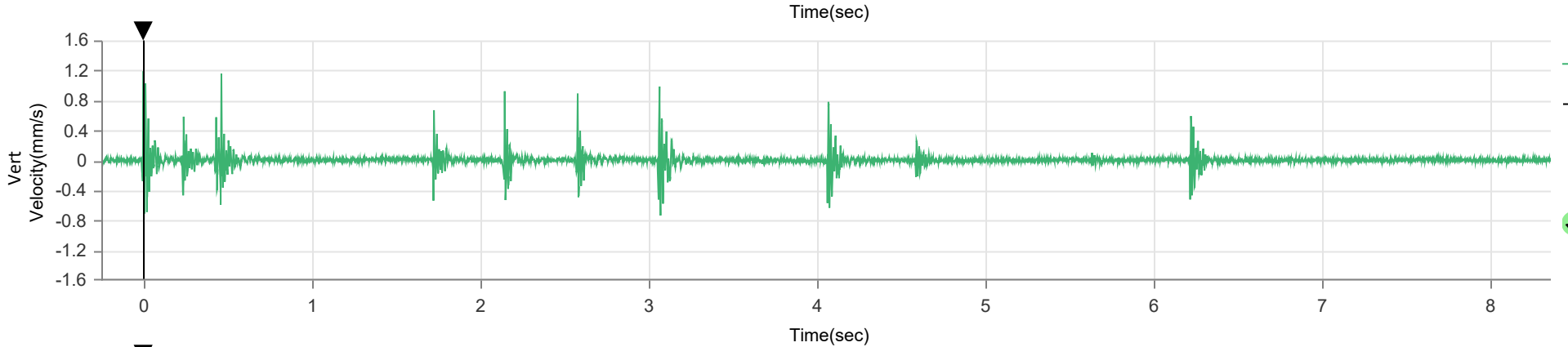


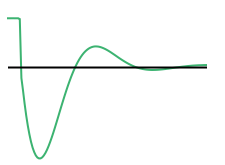
Sensor Check



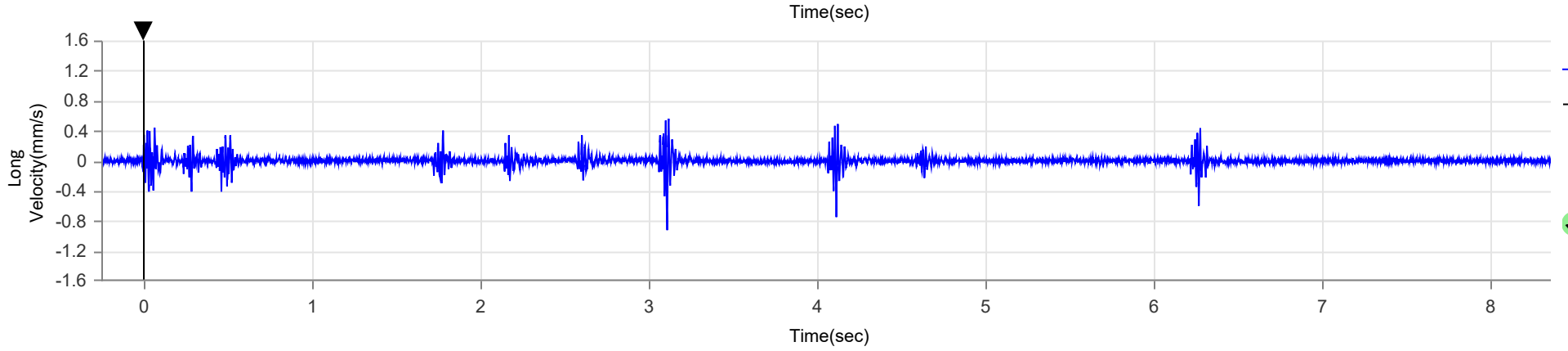


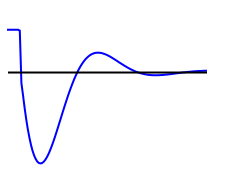
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Tran at November 3, 2022 12:40:49	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221103124049.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

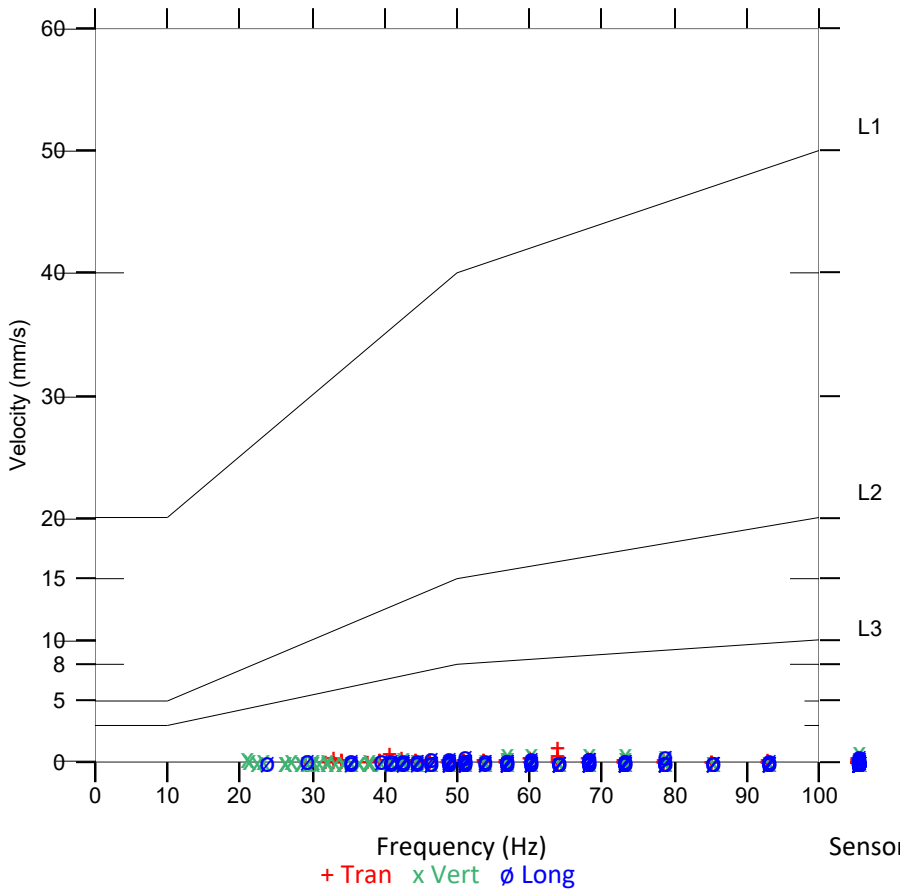
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

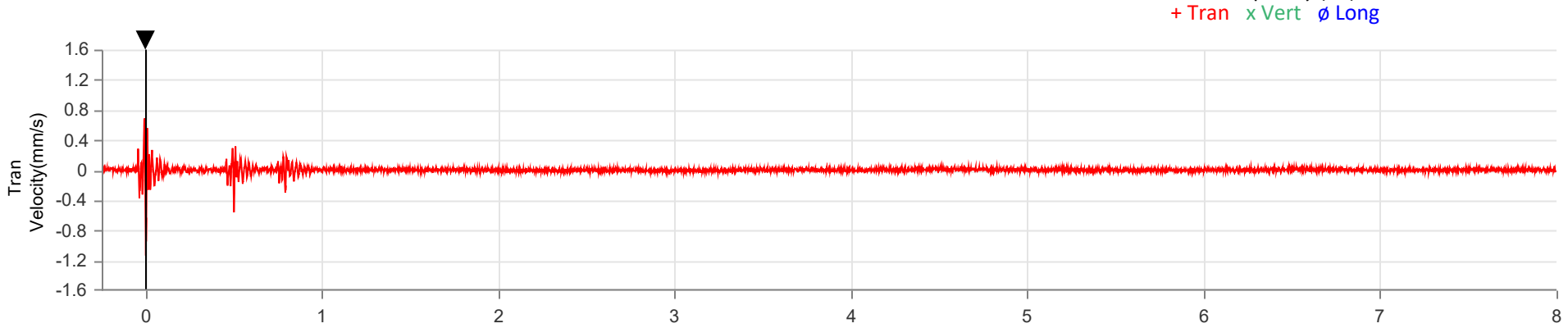
Post Event Notes No text to be displayed.

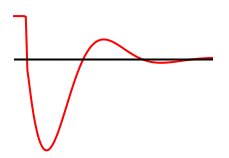
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.135 mm/s	0.835 mm/s	0.512 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	53.9 Hz
Time (Relative to Trigger)	0.000 sec	-0.043 sec	-0.036 sec
Peak Acceleration	0.041 g	0.094 g	0.035 g
Peak Displacement	0.003 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.212 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

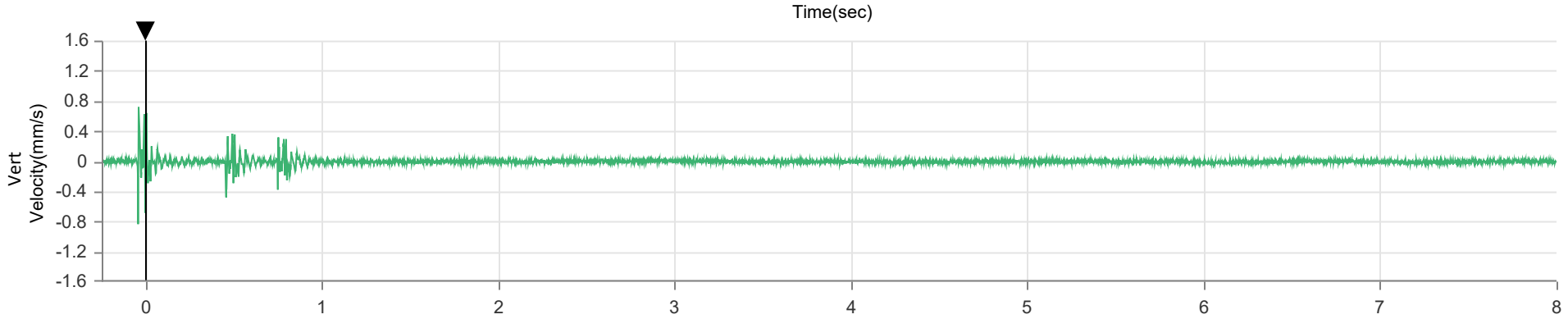


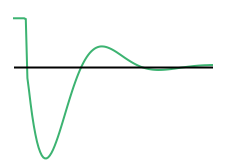
Sensor Check





✓ Passed





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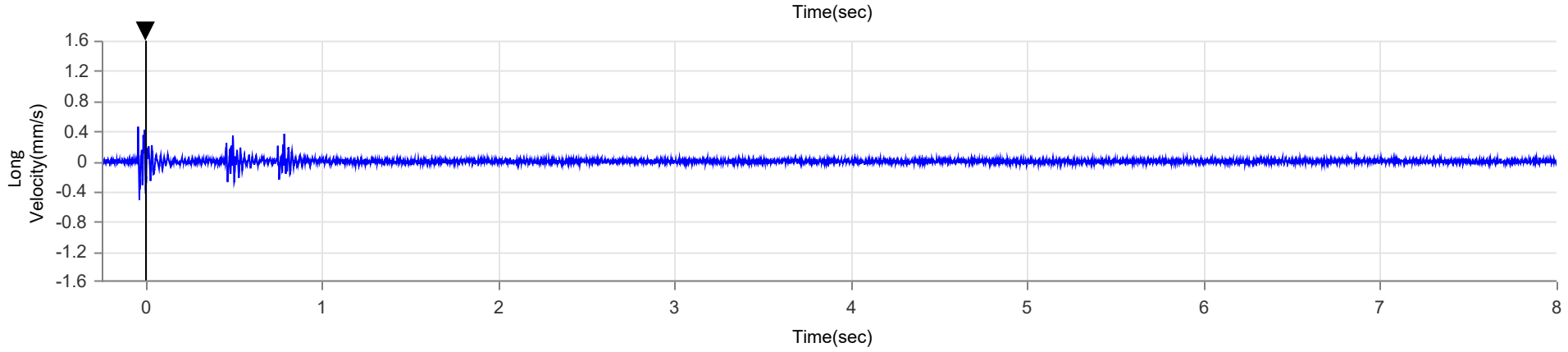
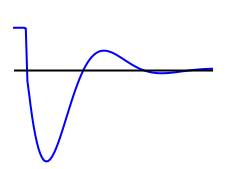




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 14:11:27	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221103141127.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

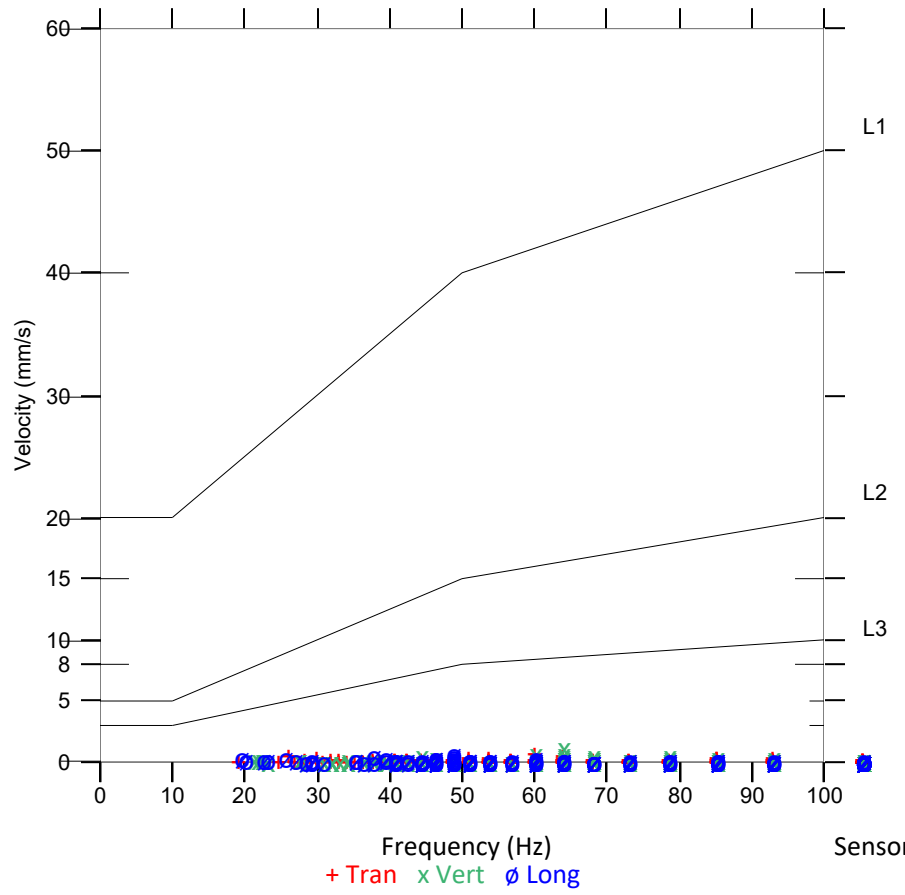
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

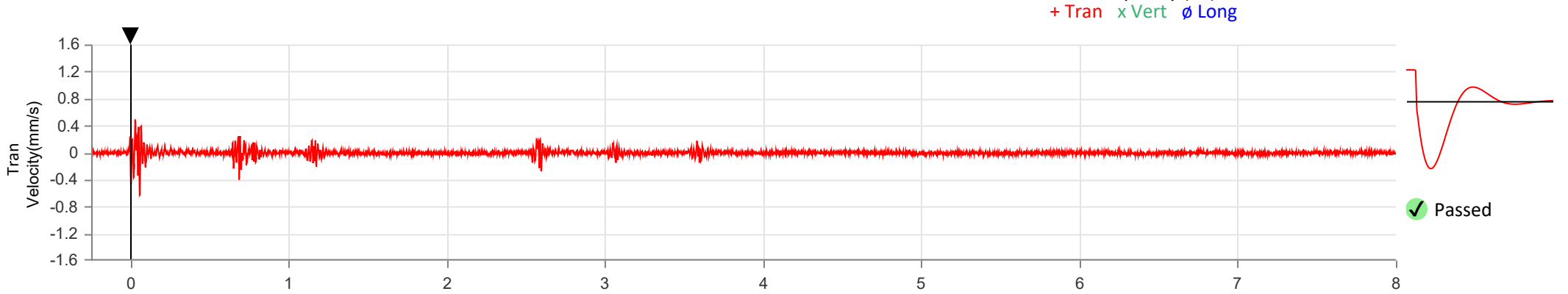
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.638 mm/s	1.206 mm/s	0.583 mm/s
Zero Crossing Frequency	60.2 Hz	64.0 Hz	48.8 Hz
Time (Relative to Trigger)	0.058 sec	0.001 sec	0.008 sec
Peak Acceleration	0.030 g	0.056 g	0.026 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.303 mm/s at 0.001 sec		

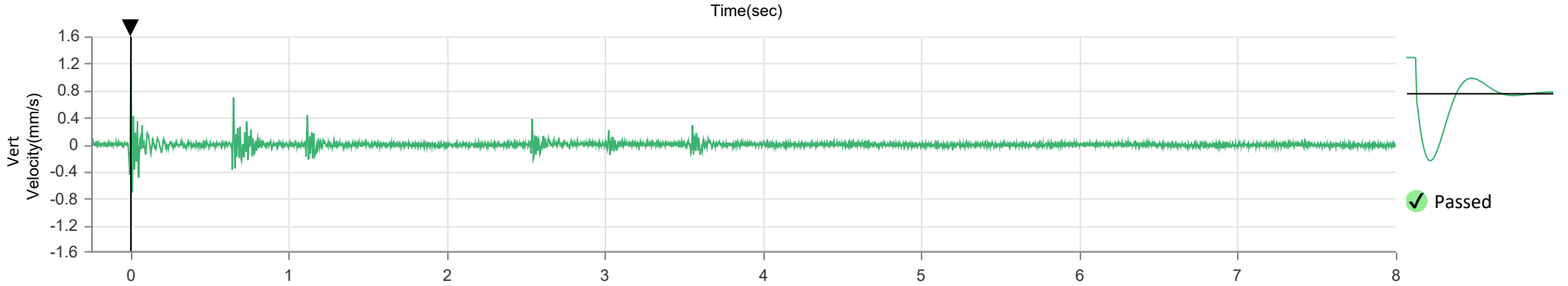
DIN4150
Velocity versus Frequency (Zero Crossing)



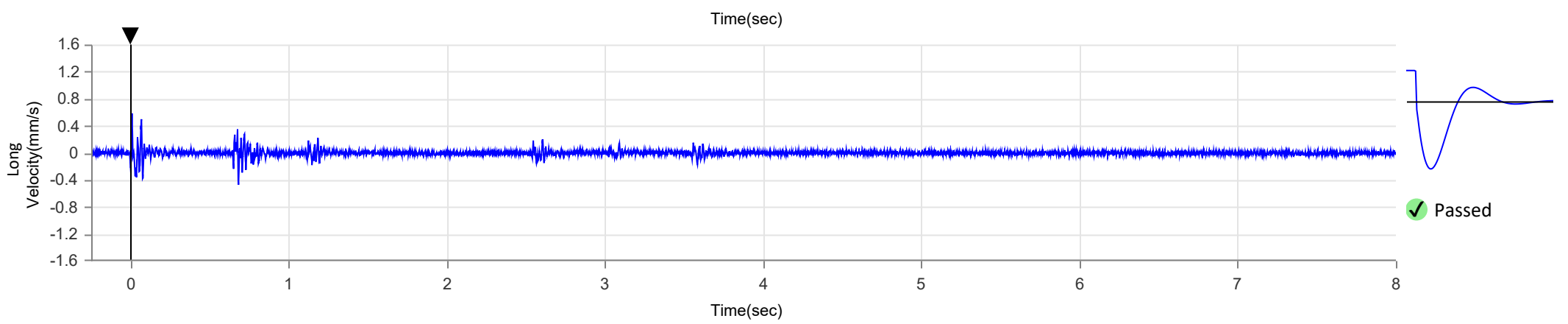
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 11:13:27	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/9.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221104111327.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

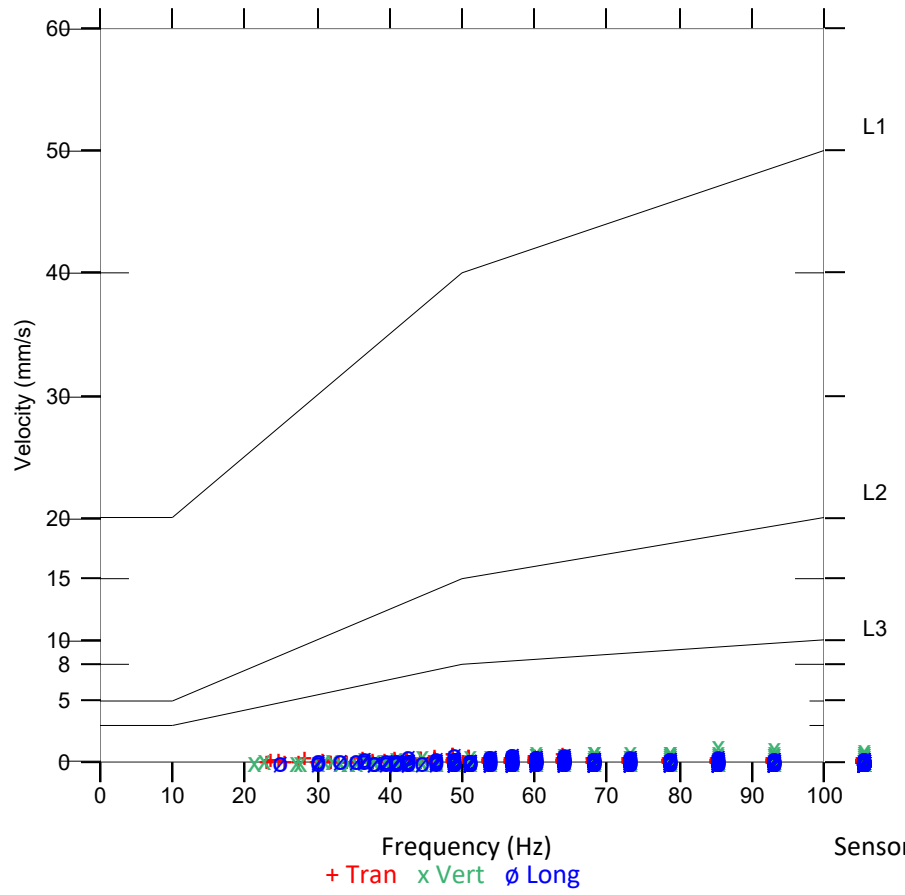
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

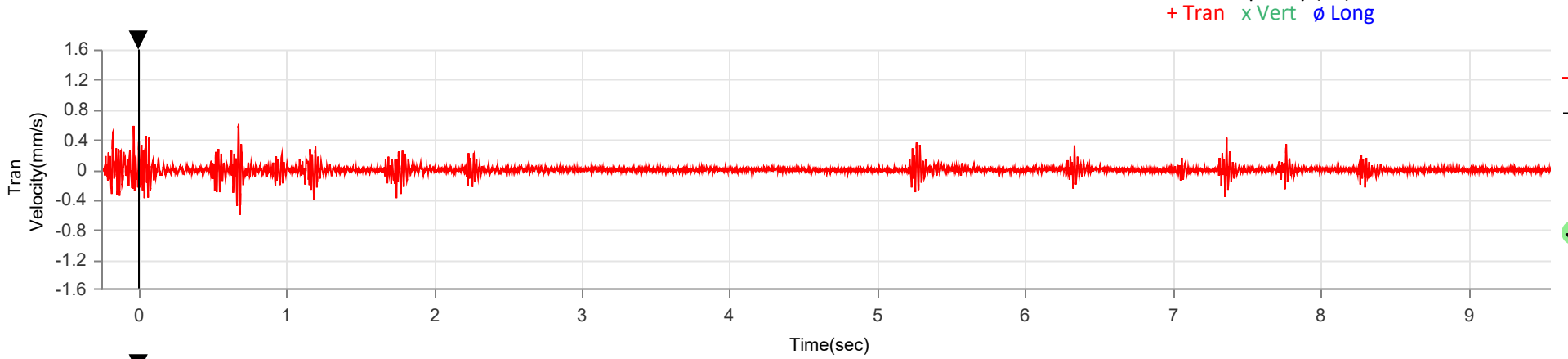
Post Event Notes No text to be displayed.

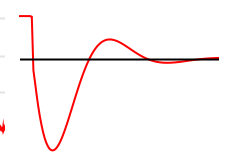
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.607 mm/s	1.316 mm/s	0.686 mm/s
Zero Crossing Frequency	48.8 Hz	85.3 Hz	56.9 Hz
Time (Relative to Trigger)	0.680 sec	0.001 sec	0.003 sec
Peak Acceleration	0.033 g	0.072 g	0.039 g
Peak Displacement	0.002 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.420 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

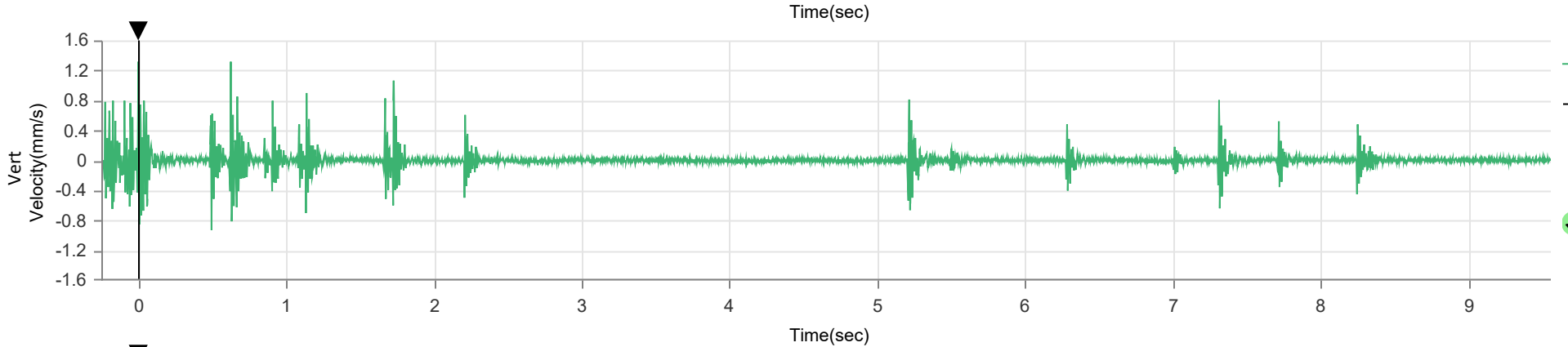


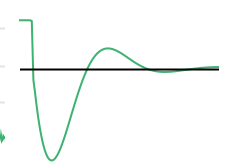
Sensor Check





✓ Passed





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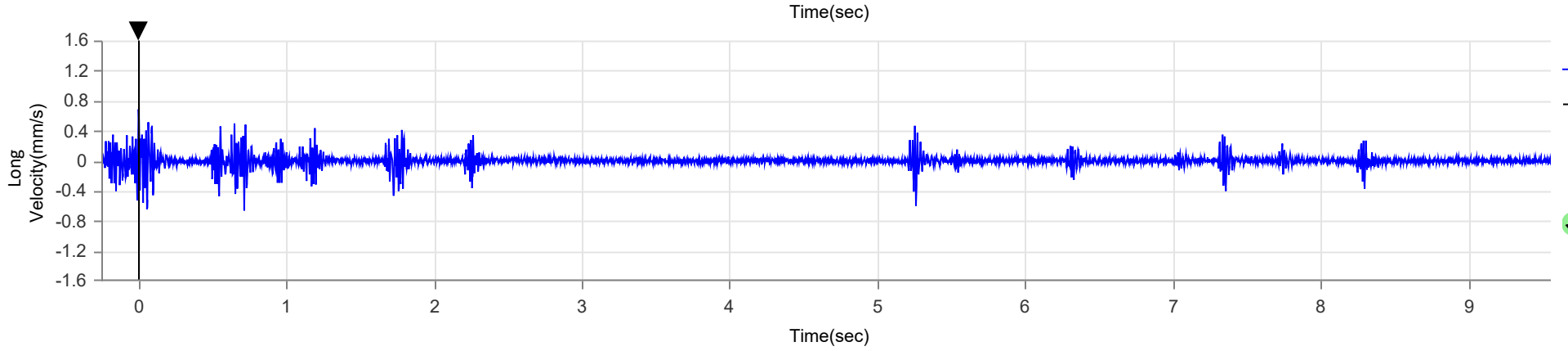
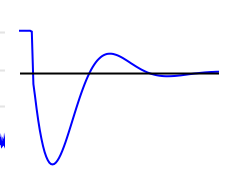




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 12:00:07	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221104120007.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

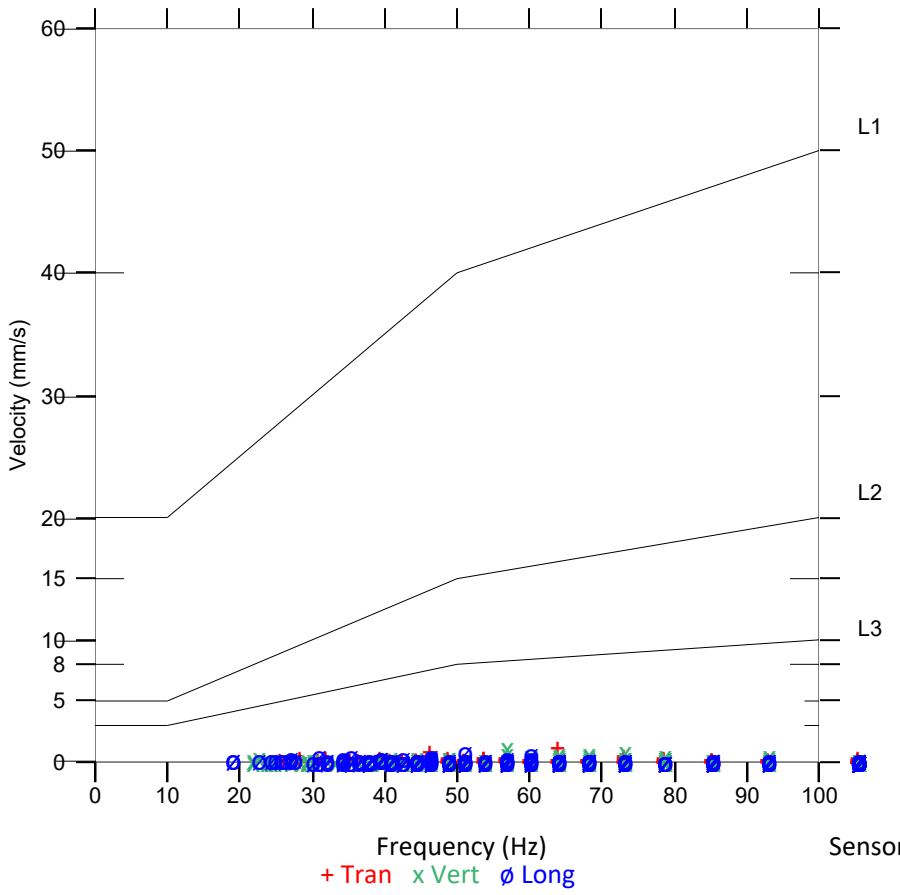
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

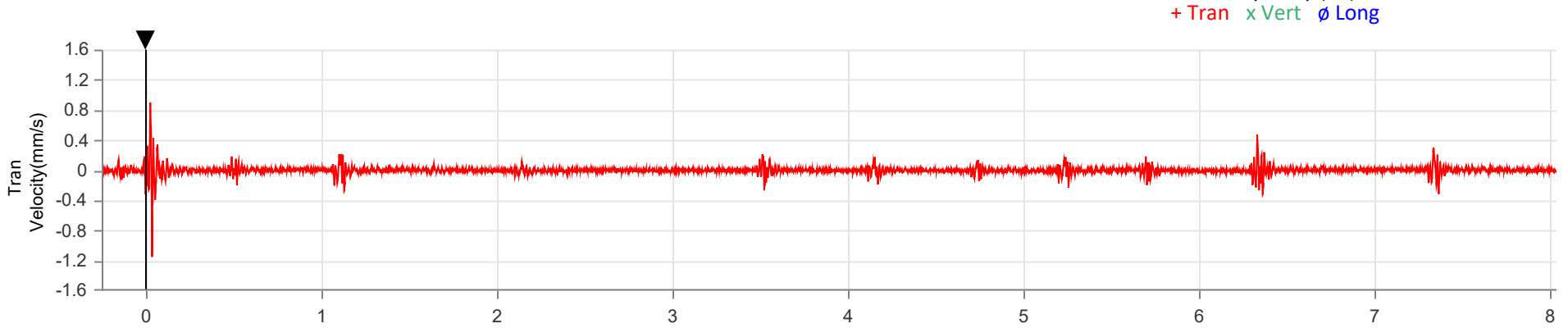
Post Event Notes No text to be displayed.

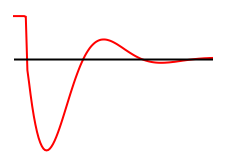
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.151 mm/s	1.064 mm/s	0.804 mm/s
Zero Crossing Frequency	64.0 Hz	56.9 Hz	51.2 Hz
Time (Relative to Trigger)	0.037 sec	0.000 sec	0.034 sec
Peak Acceleration	0.046 g	0.076 g	0.033 g
Peak Displacement	0.003 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.339 mm/s at 0.037 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

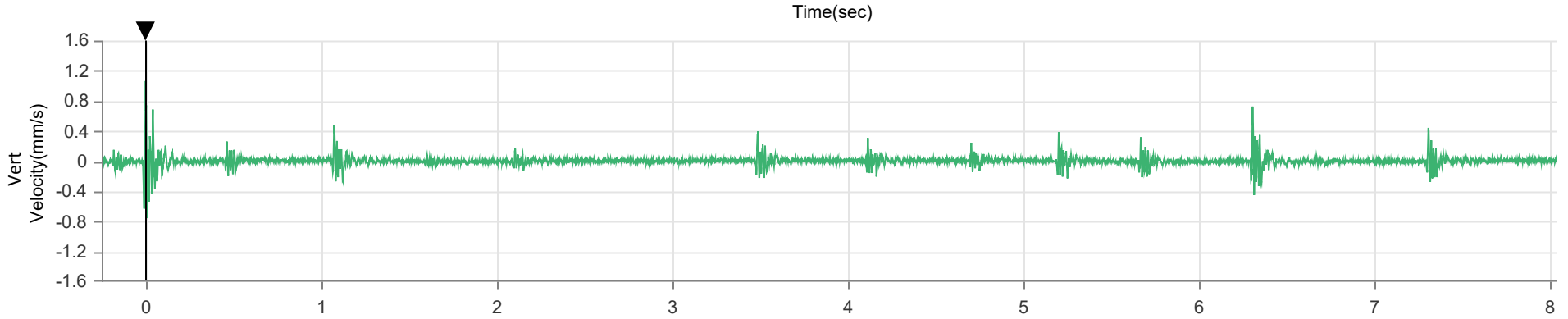


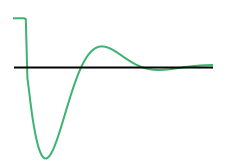
Sensor Check



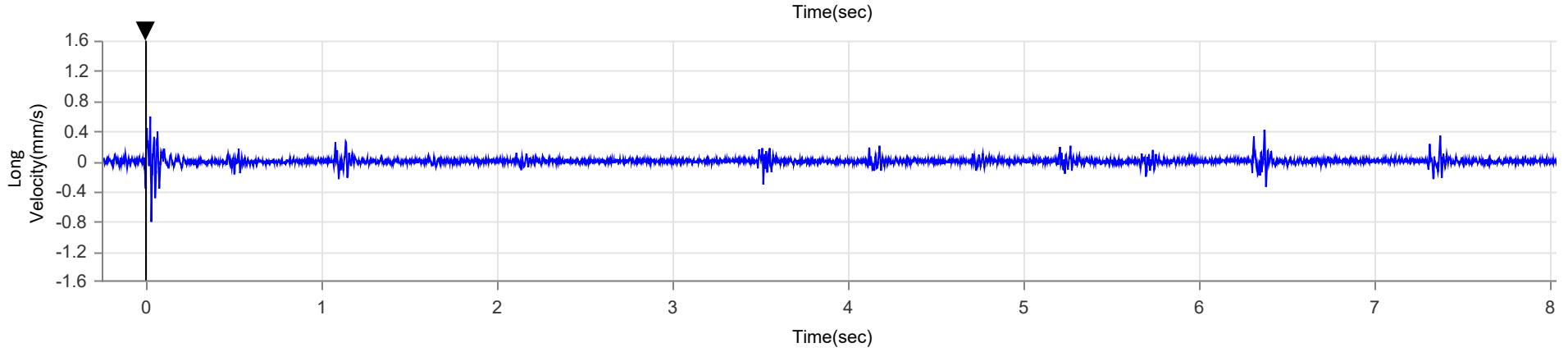


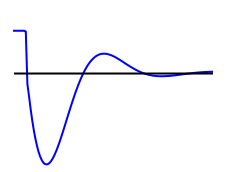
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 09:55:12	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221105095512.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

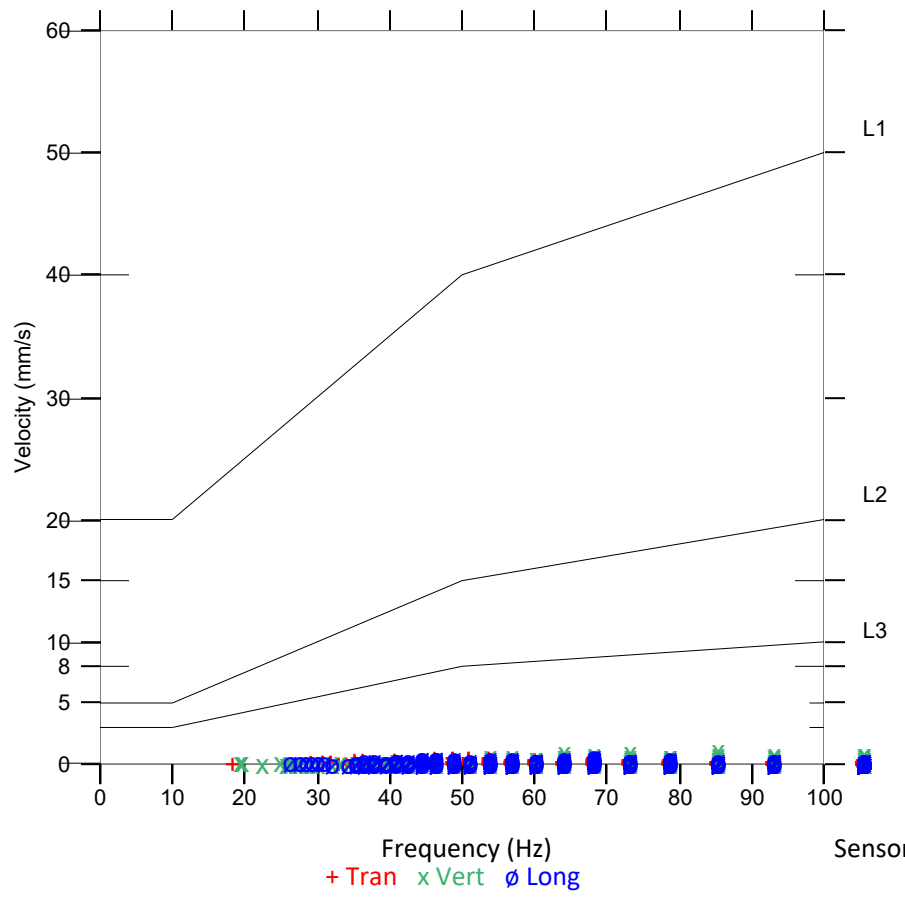
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

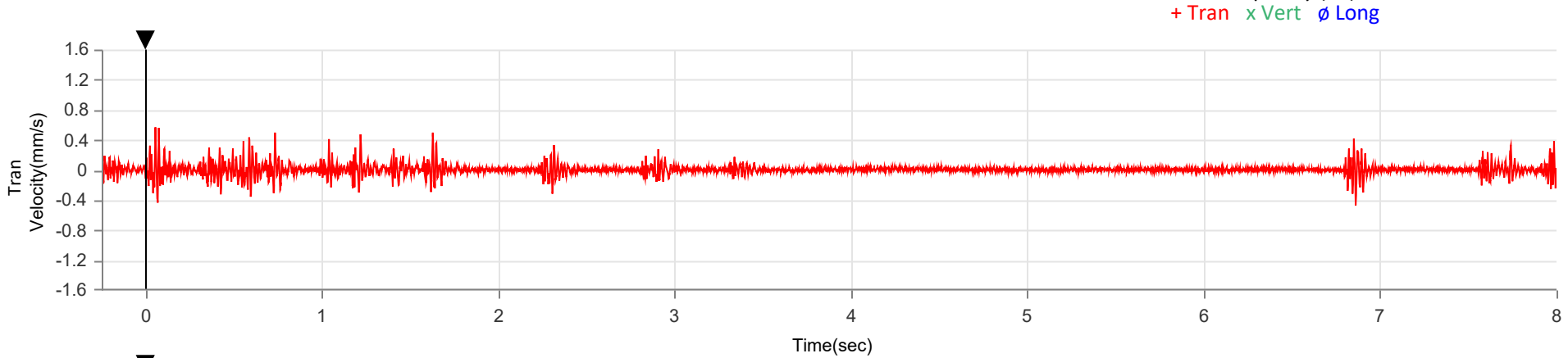
Post Event Notes No text to be displayed.

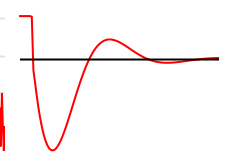
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.567 mm/s	1.072 mm/s	0.654 mm/s
Zero Crossing Frequency	53.9 Hz	85.3 Hz	N/A
Time (Relative to Trigger)	0.056 sec	0.000 sec	8.000 sec
Peak Acceleration	0.026 g	0.059 g	0.030 g
Peak Displacement	0.001 mm	0.002 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.083 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

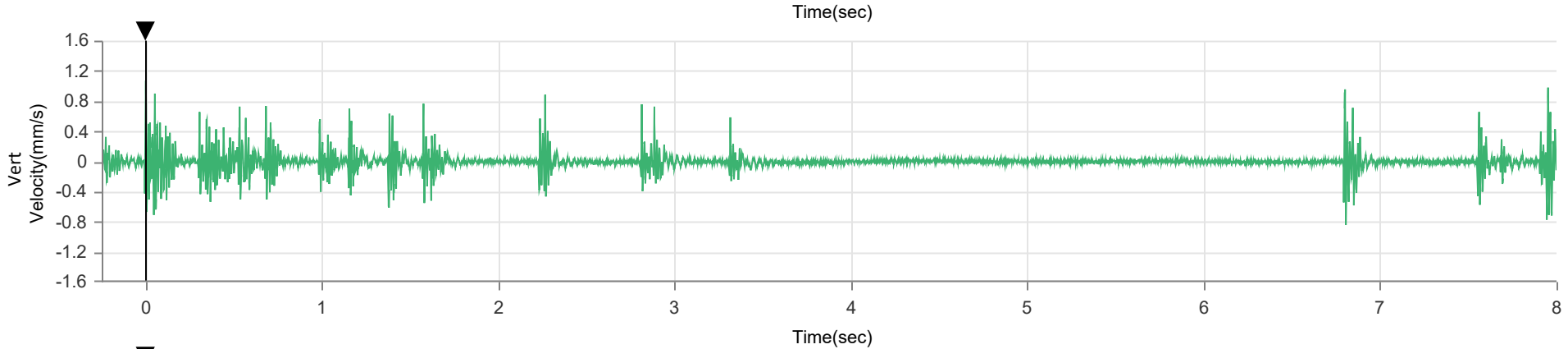


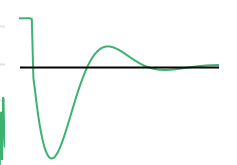
Sensor Check



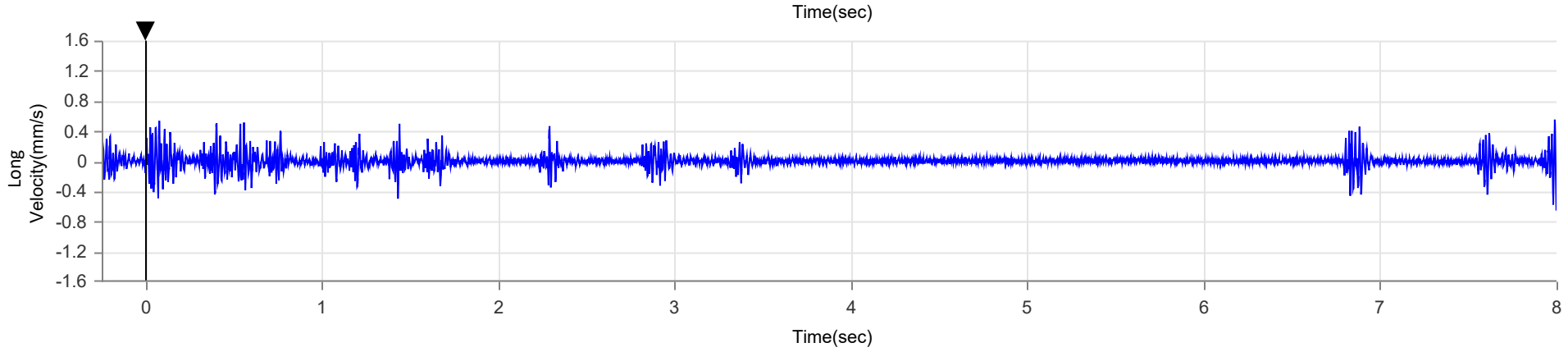


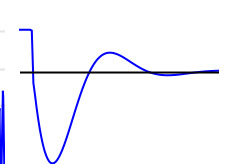
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at November 5, 2022 10:41:08	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/11.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221105104108.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

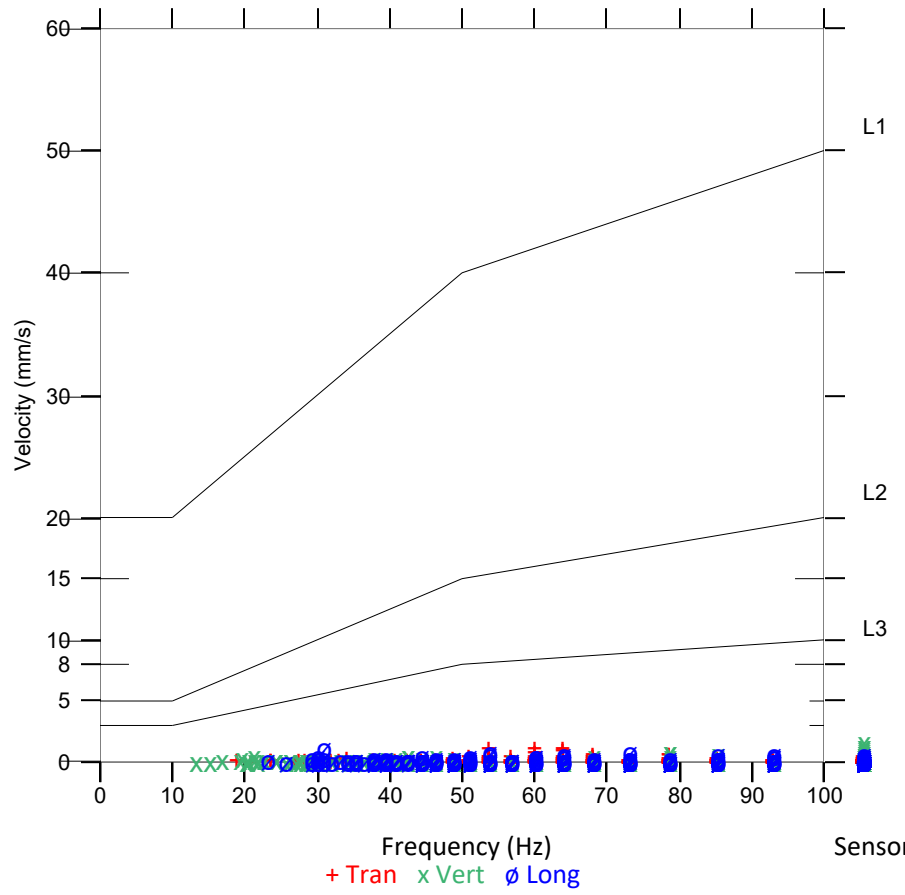
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

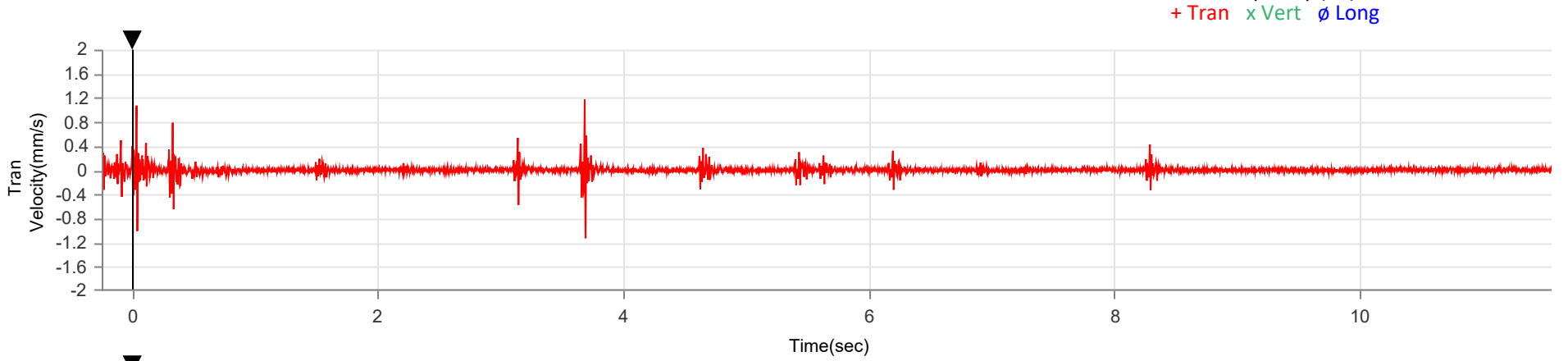
Post Event Notes No text to be displayed.

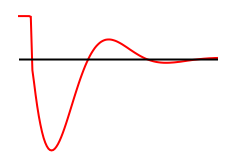
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.174 mm/s	1.561 mm/s	1.064 mm/s
Zero Crossing Frequency	53.9 Hz	>100 Hz	46.5 Hz
Time (Relative to Trigger)	3.686 sec	0.003 sec	0.336 sec
Peak Acceleration	0.063 g	0.184 g	0.076 g
Peak Displacement	0.003 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.626 mm/s at 0.003 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

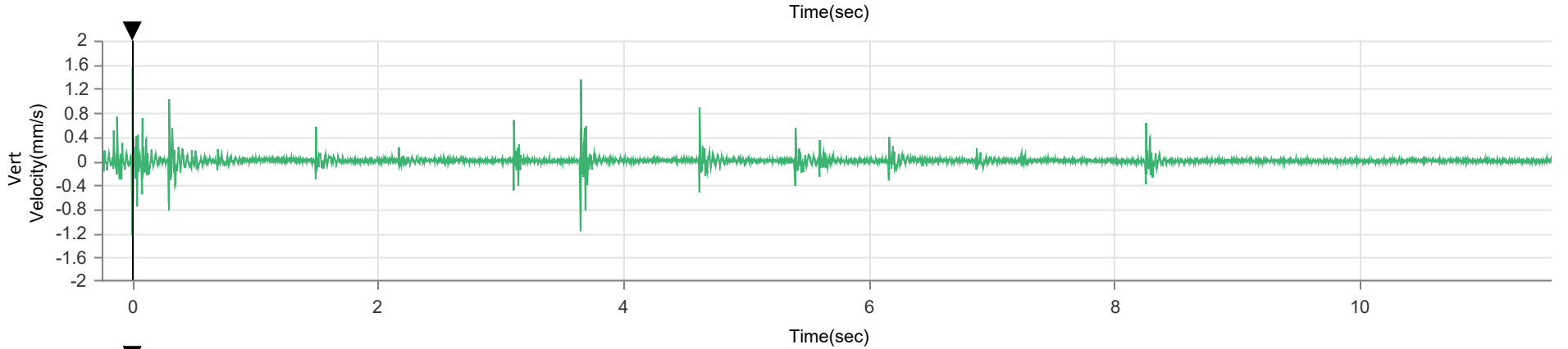


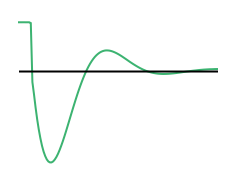
Sensor Check



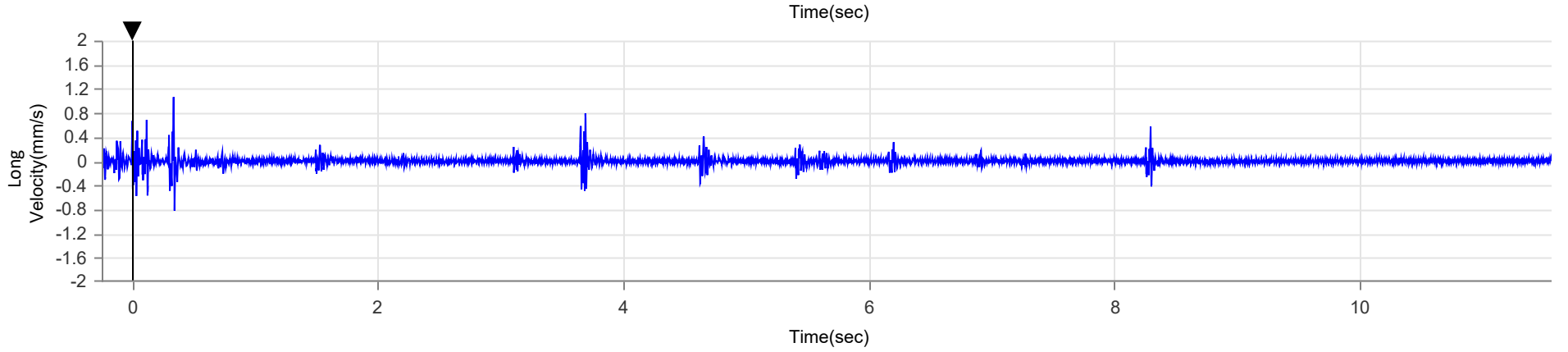


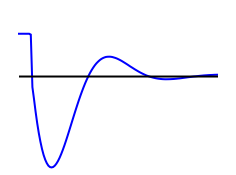
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 10:42:29	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/8.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221106104229.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

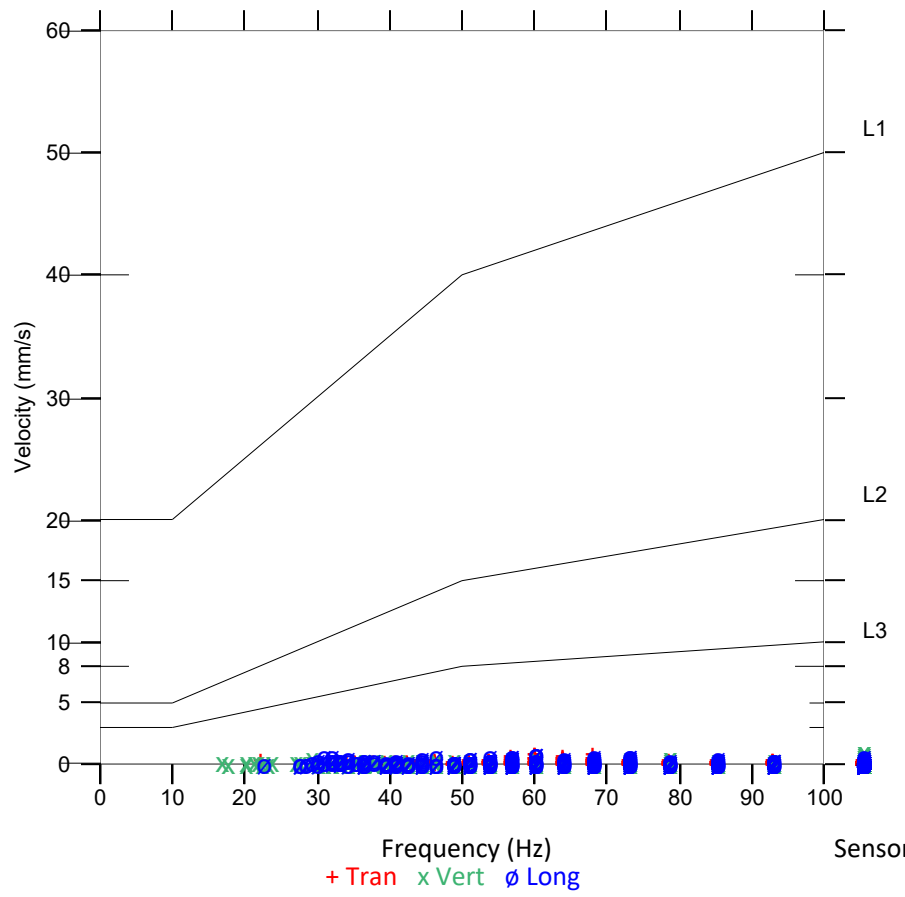
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

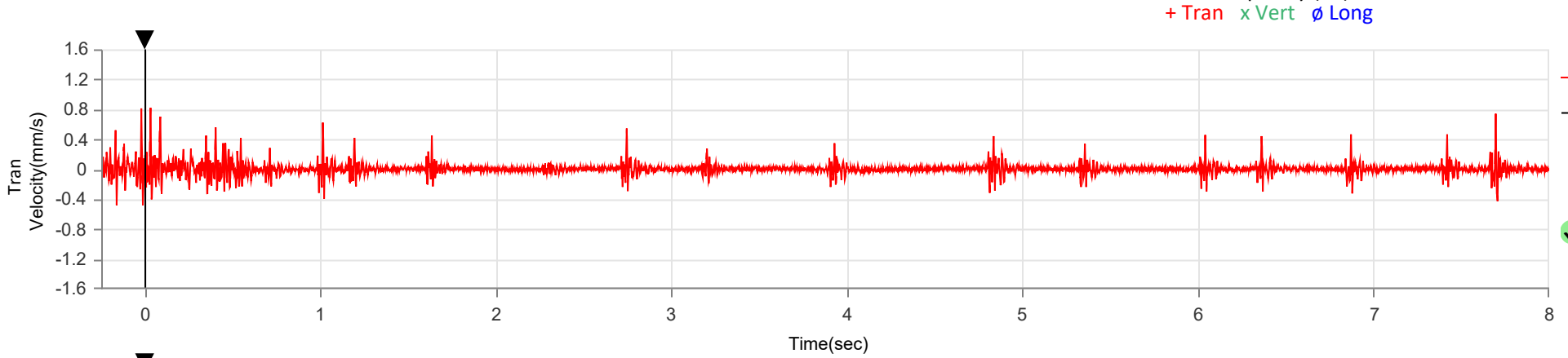
Post Event Notes No text to be displayed.

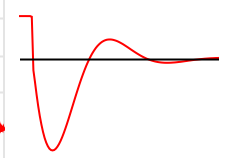
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.820 mm/s	1.009 mm/s	0.867 mm/s
Zero Crossing Frequency	68.3 Hz	>100 Hz	60.2 Hz
Time (Relative to Trigger)	0.032 sec	0.000 sec	1.021 sec
Peak Acceleration	0.043 g	0.122 g	0.059 g
Peak Displacement	0.002 mm	0.001 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.153 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

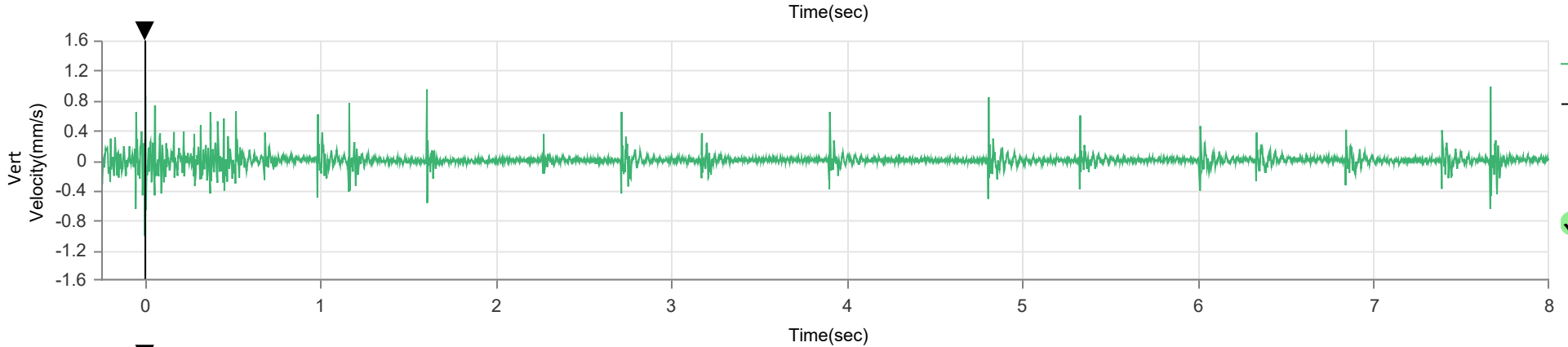


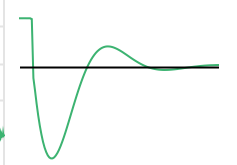
Sensor Check





✓ Passed





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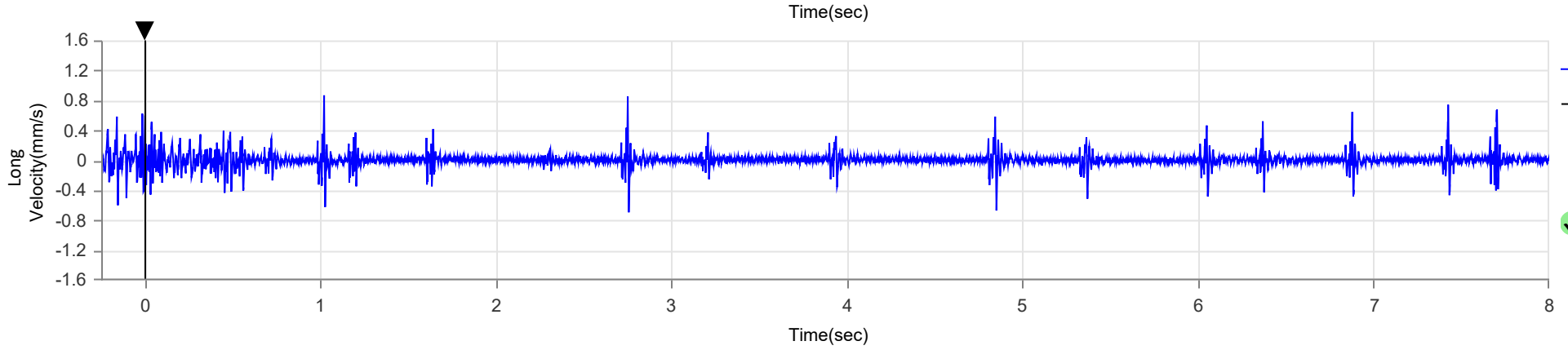

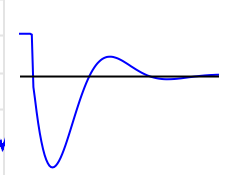

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 11:33:36	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221106113336.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

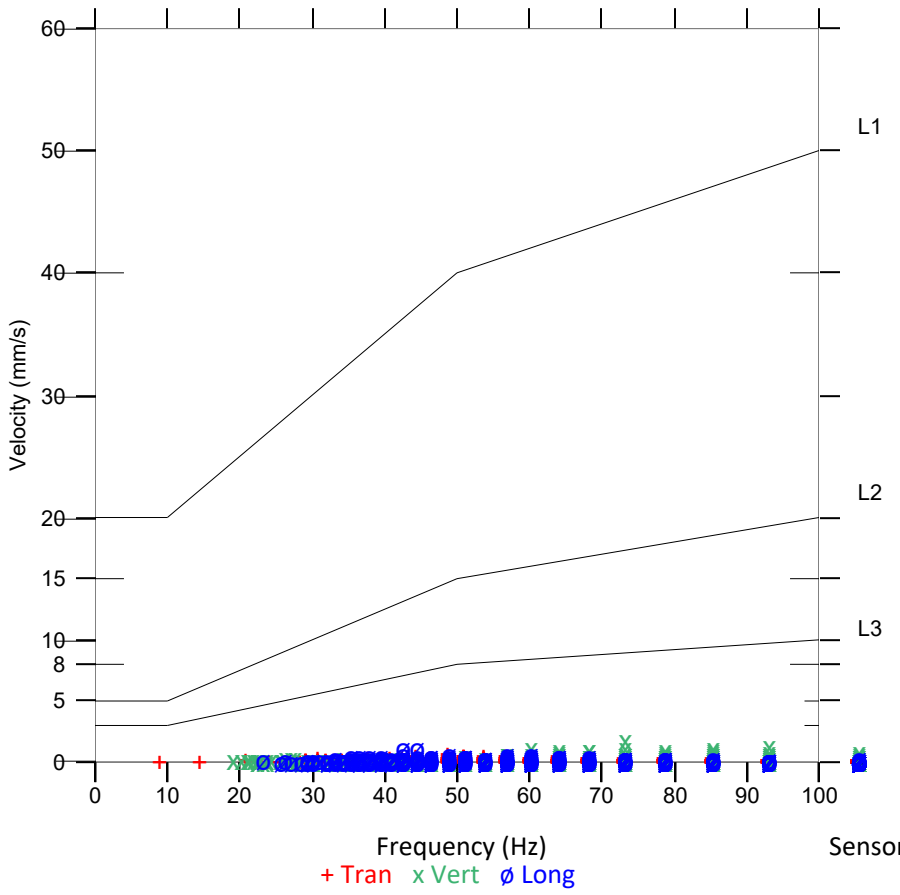
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

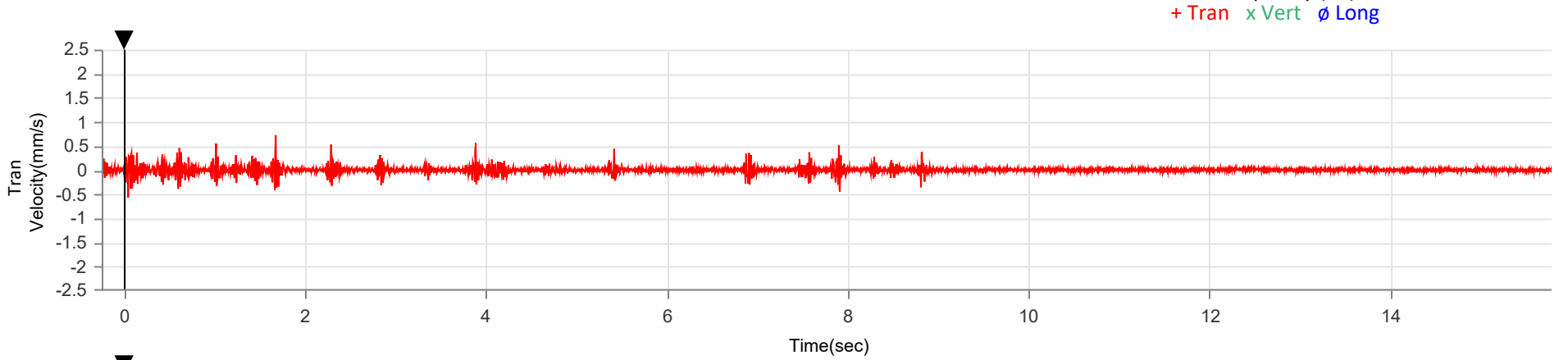
Post Event Notes No text to be displayed.

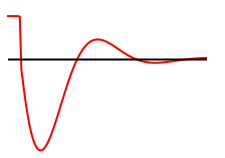
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.725 mm/s	1.821 mm/s	1.159 mm/s
Zero Crossing Frequency	48.8 Hz	73.1 Hz	44.5 Hz
Time (Relative to Trigger)	1.675 sec	0.026 sec	0.074 sec
Peak Acceleration	0.026 g	0.086 g	0.041 g
Peak Displacement	0.002 mm	0.004 mm	0.004 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.831 mm/s at 0.026 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

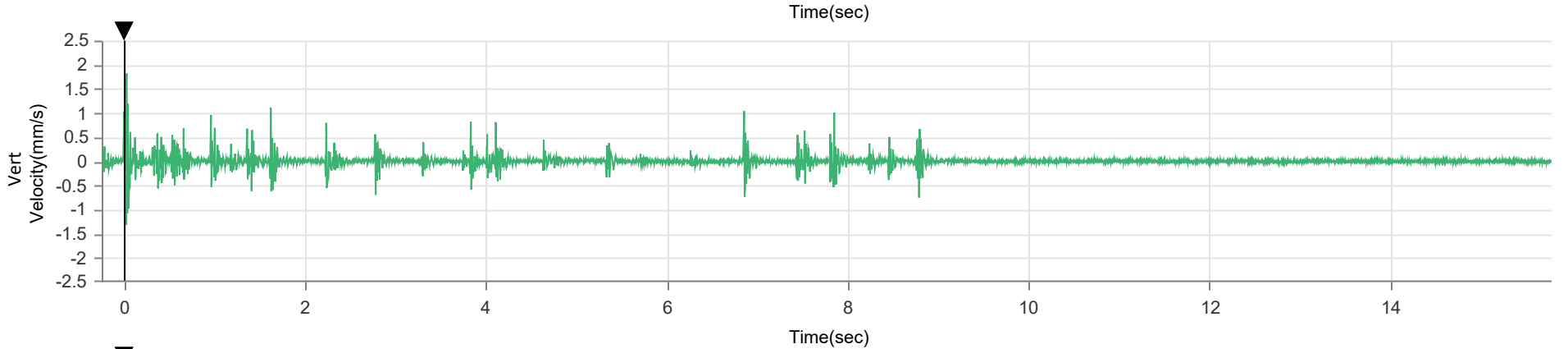


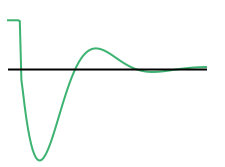
Sensor Check



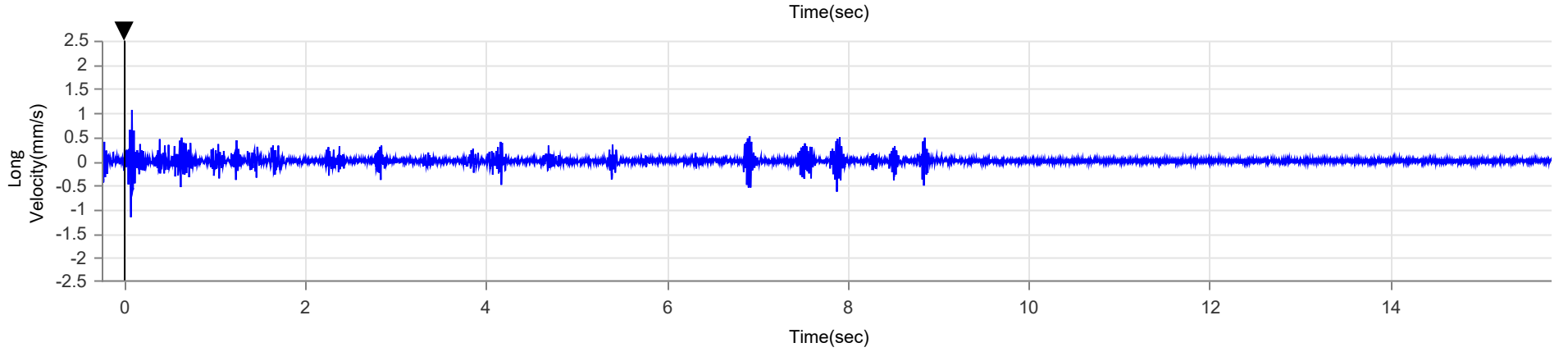


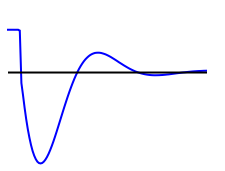
✓ Passed





✓ Passed





✓ Passed

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Waveform Trigger Source	Tran at November 6, 2022 19:16:26	**Serial Number**	UM19275
Trigger Level(s)	Geo 1.000 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/14.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	December 1, 2021 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM19275_20221106191626.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

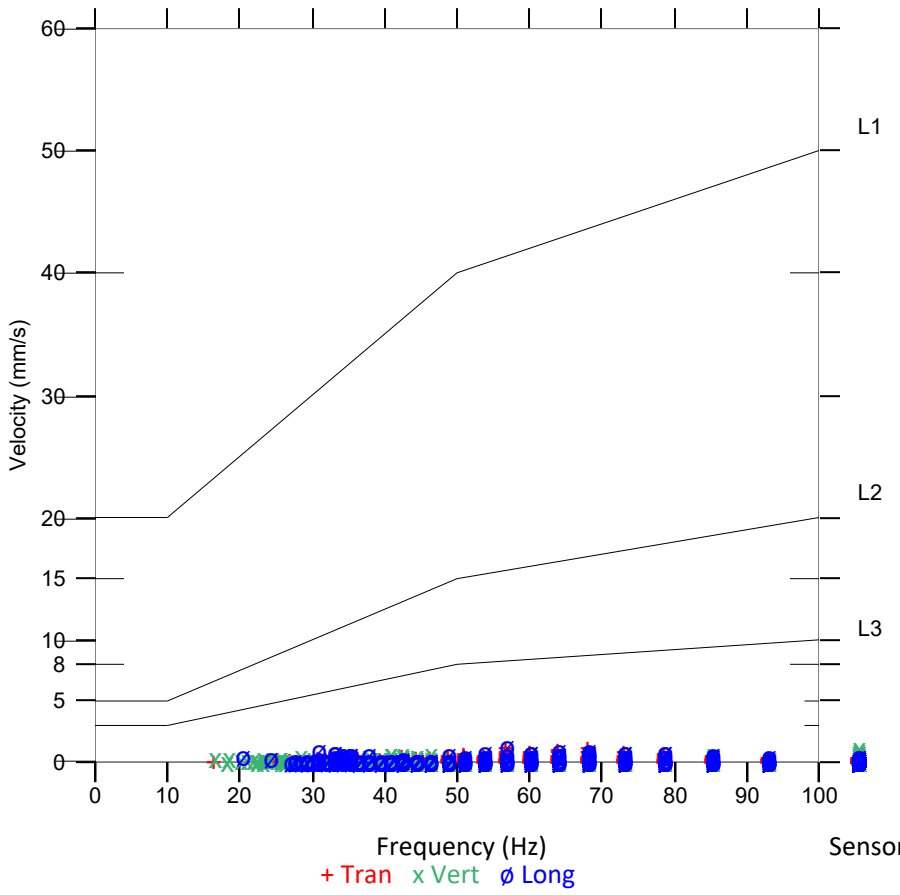
Notes

Location	MM-25, Plavje 44
Client	
Company	
General Notes	

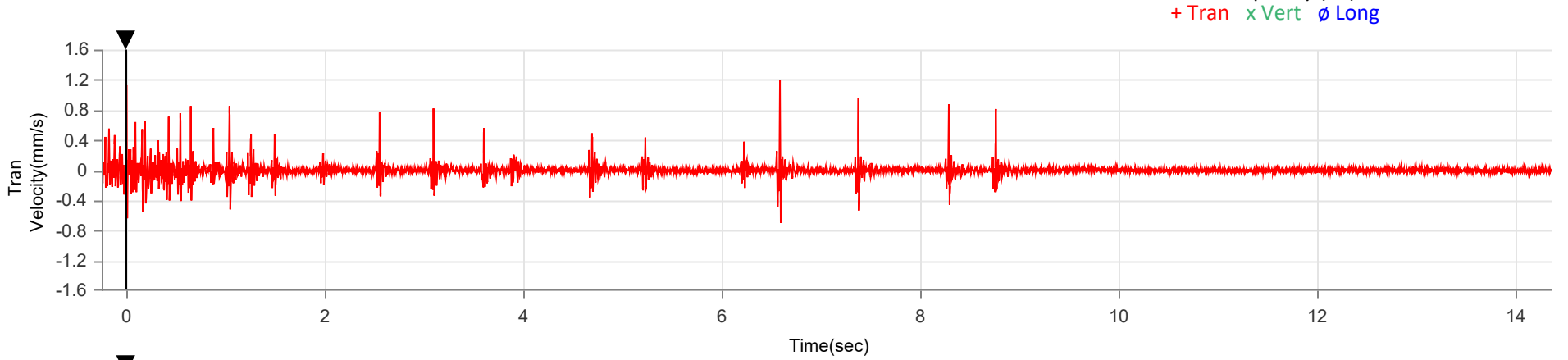
Post Event Notes No text to be displayed.

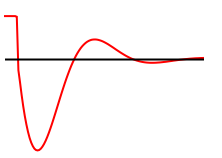
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.198 mm/s	1.174 mm/s	1.356 mm/s
Zero Crossing Frequency	56.9 Hz	>100 Hz	56.9 Hz
Time (Relative to Trigger)	6.591 sec	0.515 sec	0.008 sec
Peak Acceleration	0.046 g	0.115 g	0.053 g
Peak Displacement	0.003 mm	0.003 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.5
Peak Vector Sum	1.520 mm/s at 0.008 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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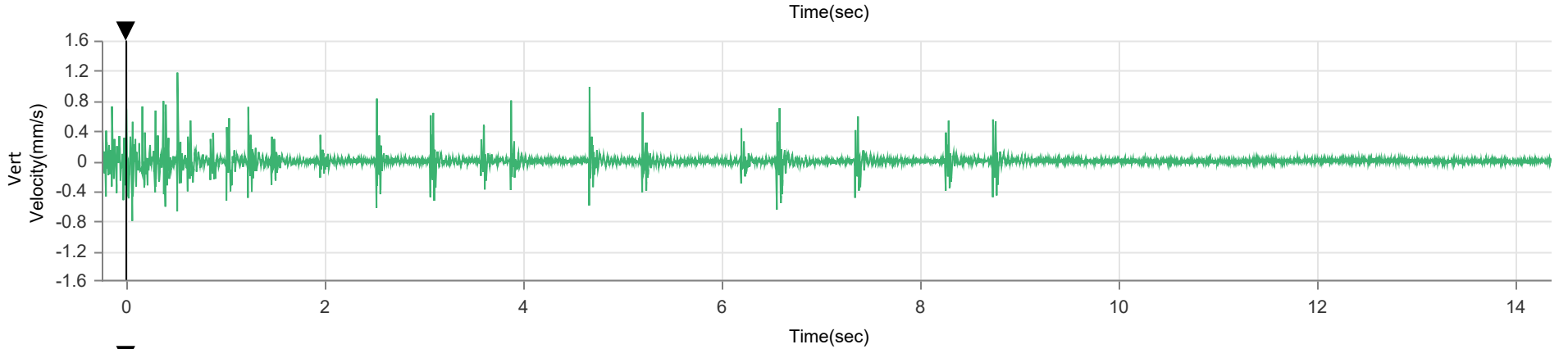

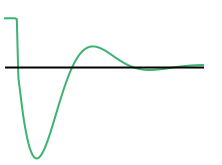

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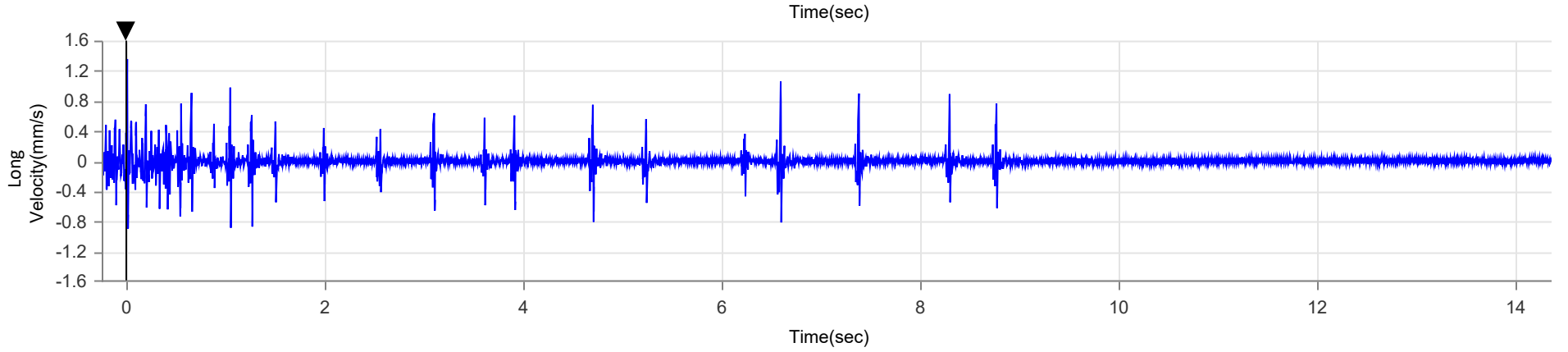

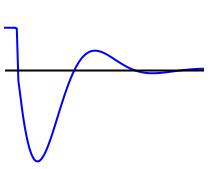

✓ Passed

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PRILOGA 1.13:
Rezultati meritev

- MM-27 (Plavje 56) -

Waveform Trigger Source	Vert at November 1, 2022 13:00:16	**Serial Number**	UM8153
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	January 18, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM8153_20221101130016.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

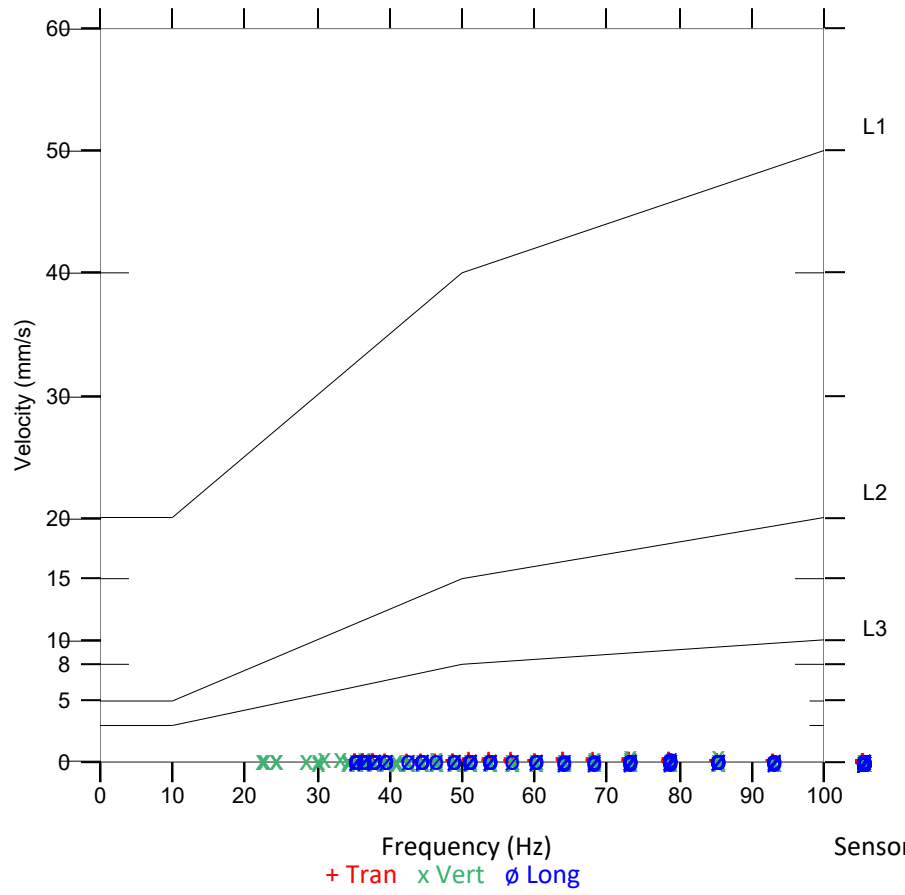
Notes

Location	MM-27, Plavje 56
Client	
Company	
General Notes	

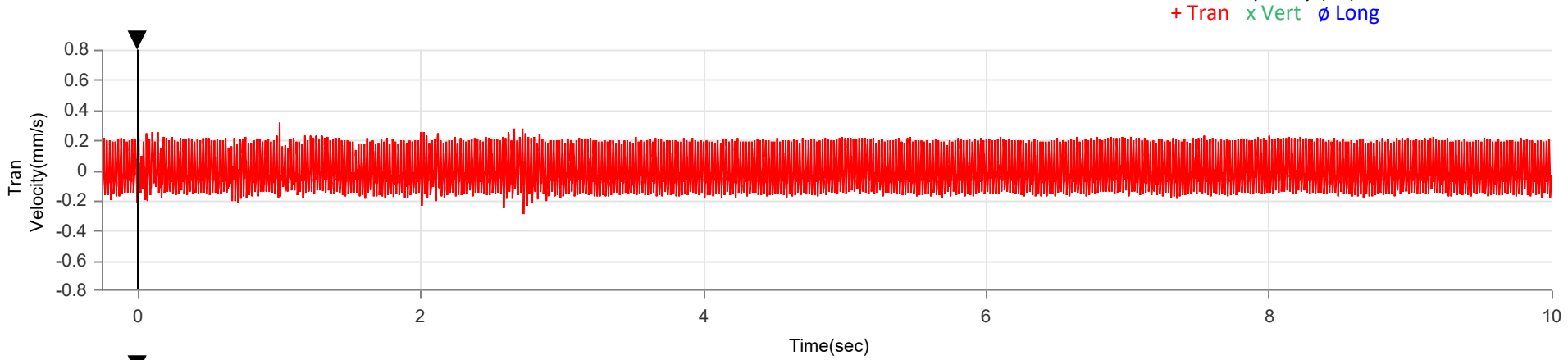
Post Event Notes No text to be displayed.

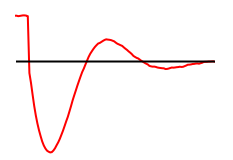
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.315 mm/s	0.504 mm/s	0.260 mm/s
Zero Crossing Frequency	73.1 Hz	73.1 Hz	73.1 Hz
Time (Relative to Trigger)	1.008 sec	0.000 sec	0.007 sec
Peak Acceleration	0.030 g	0.035 g	0.023 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.1 Hz	7.1 Hz
Overswing Ratio	4.1	4.1	4.3
Peak Vector Sum	0.577 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

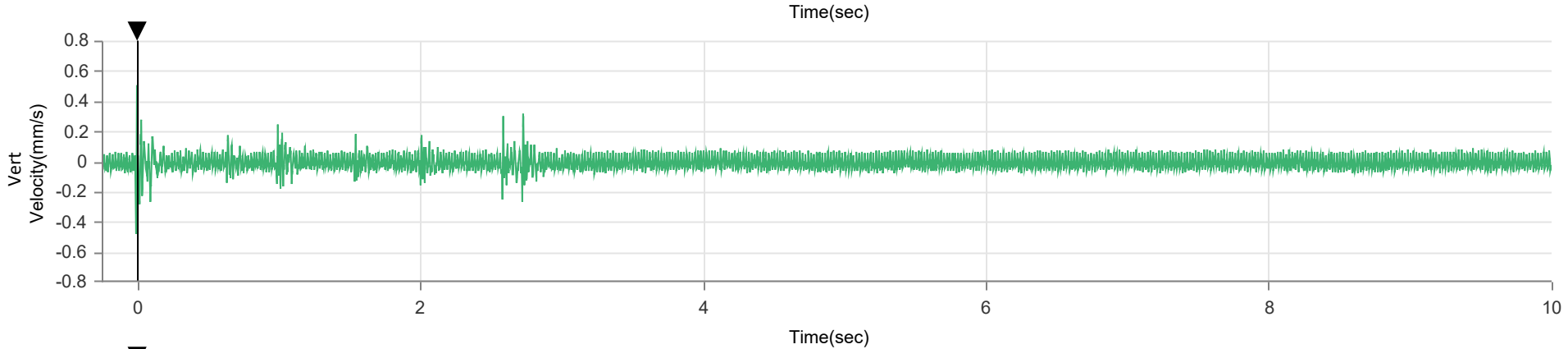


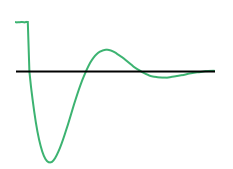
Sensor Check





✓ Passed





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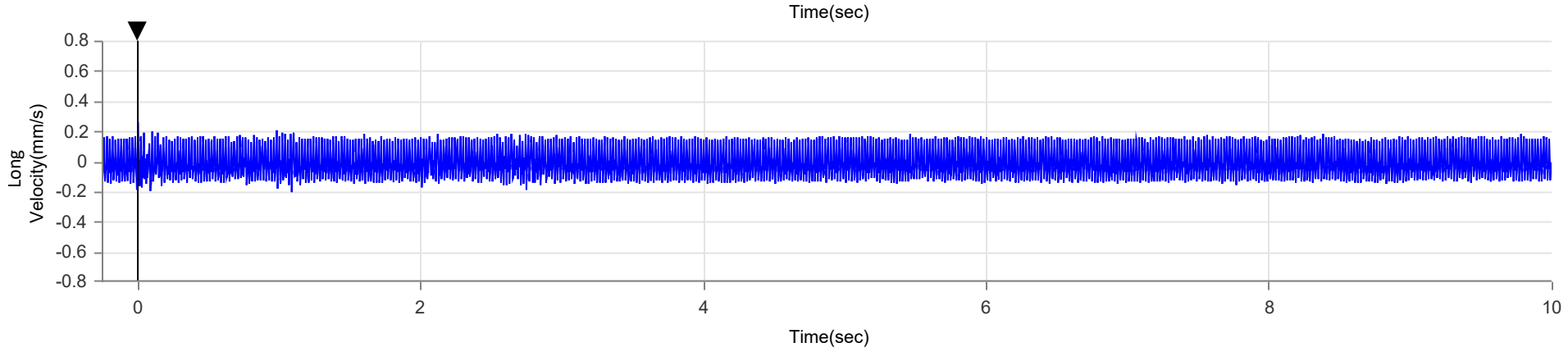

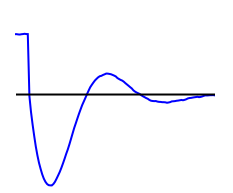

✓ Passed

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Waveform Trigger Source	Vert at November 1, 2022 15:19:16	**Serial Number**	UM8153
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/10.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	January 18, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM8153_20221101151916.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

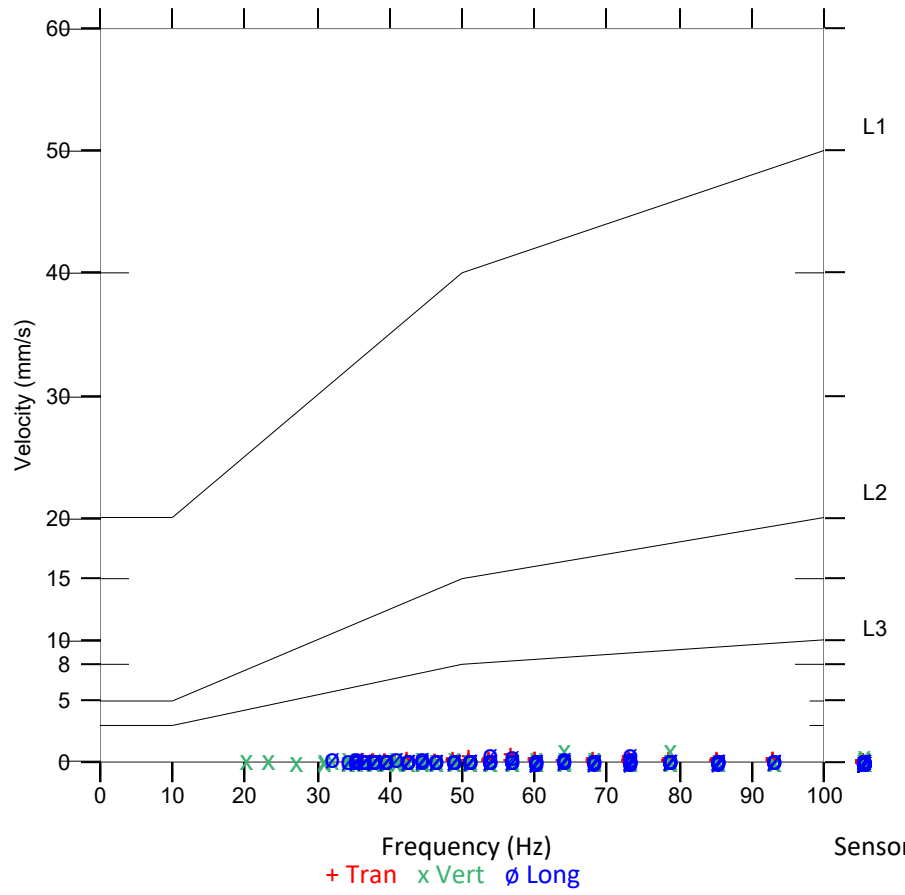
Notes

Location	MM-27, Plavje 56
Client	
Company	
General Notes	

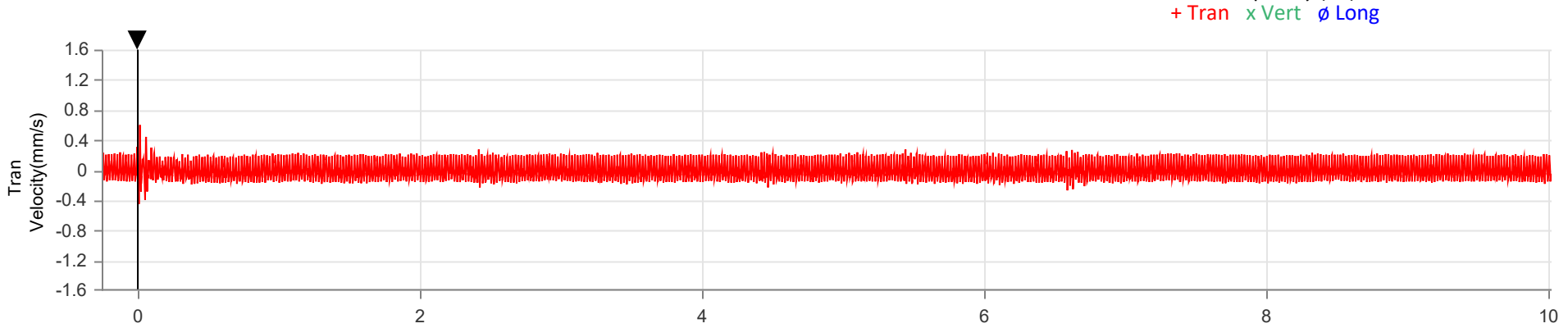
Post Event Notes No text to be displayed.

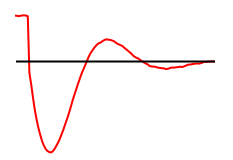
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.599 mm/s	0.962 mm/s	0.631 mm/s
Zero Crossing Frequency	56.9 Hz	85.3 Hz	53.9 Hz
Time (Relative to Trigger)	0.022 sec	0.001 sec	0.008 sec
Peak Acceleration	0.036 g	0.090 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.1 Hz	7.1 Hz
Overswing Ratio	4.1	4.1	4.3
Peak Vector Sum	1.143 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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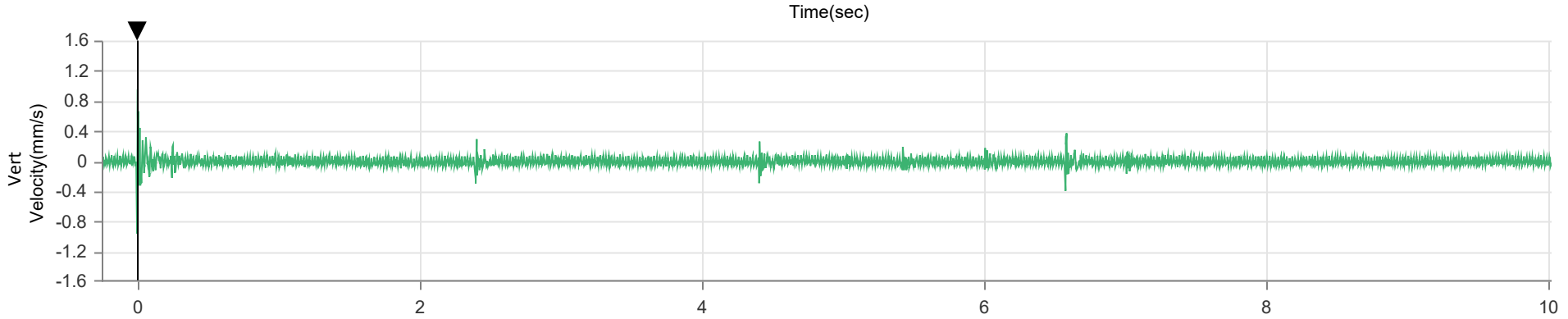

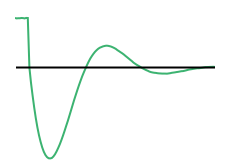

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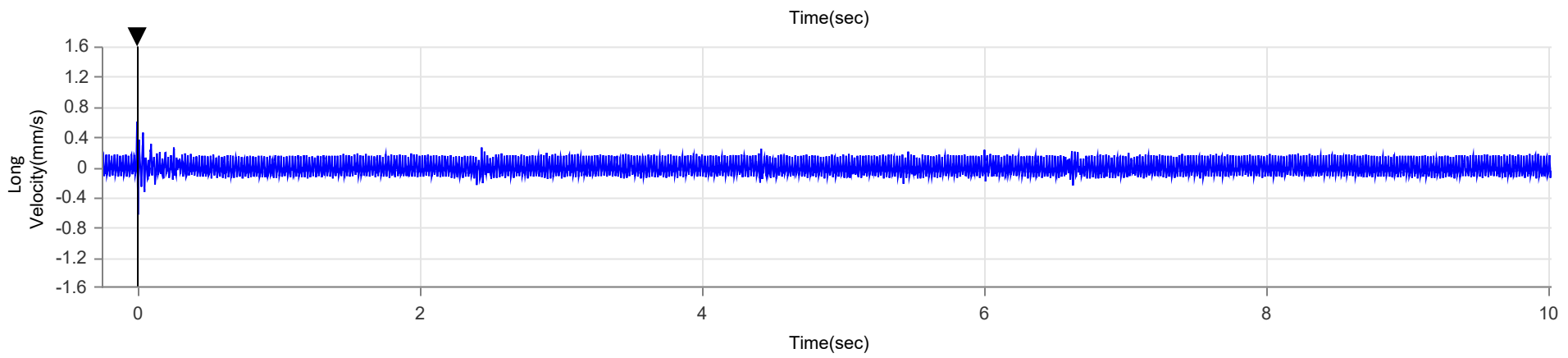

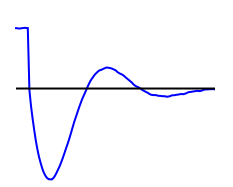

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 14:11:31	**Serial Number**	UM8153
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	January 18, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM8153_20221102141131.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

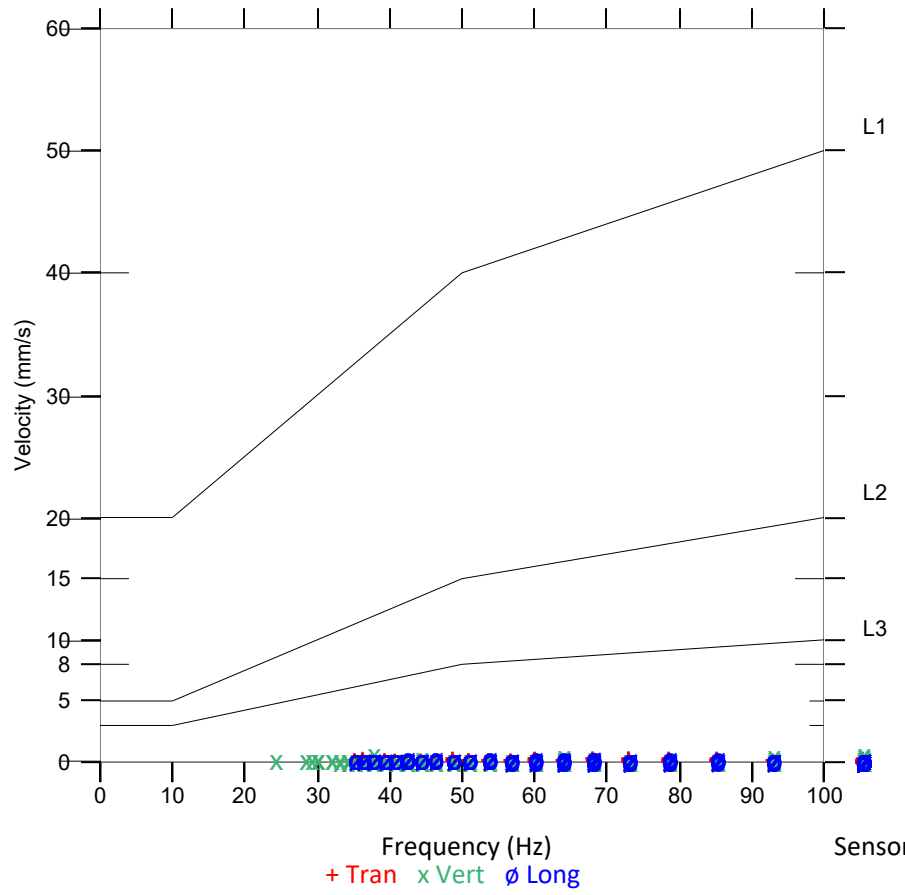
Notes

Location	MM-27, Plavje 56
Client	
Company	
General Notes	

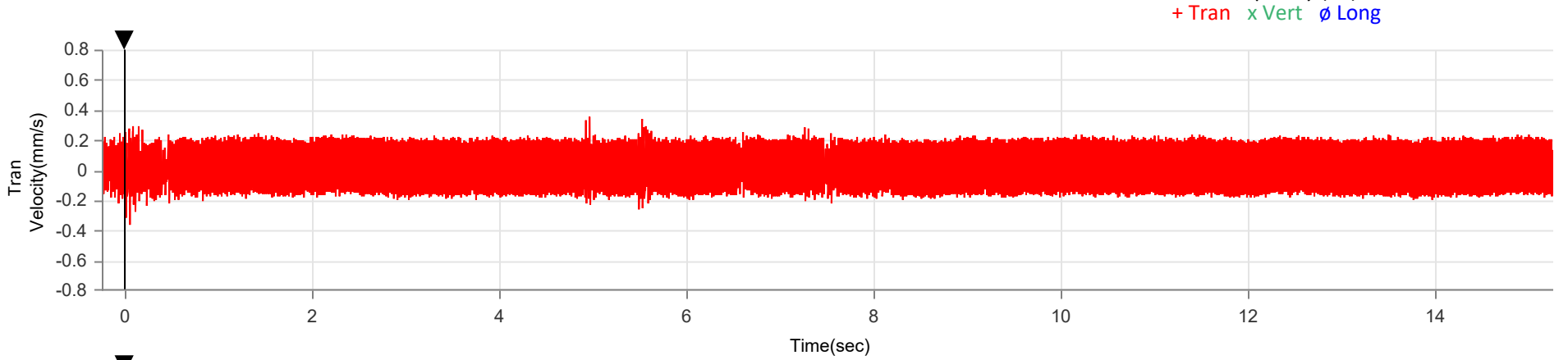
Post Event Notes No text to be displayed.

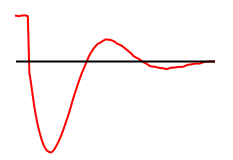
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.363 mm/s	0.725 mm/s	0.347 mm/s
Zero Crossing Frequency	68.3 Hz	>100 Hz	41.0 Hz
Time (Relative to Trigger)	0.051 sec	5.483 sec	0.064 sec
Peak Acceleration	0.028 g	0.077 g	0.025 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.1 Hz	7.1 Hz
Overswing Ratio	4.1	4.1	4.3
Peak Vector Sum	0.742 mm/s at 5.483 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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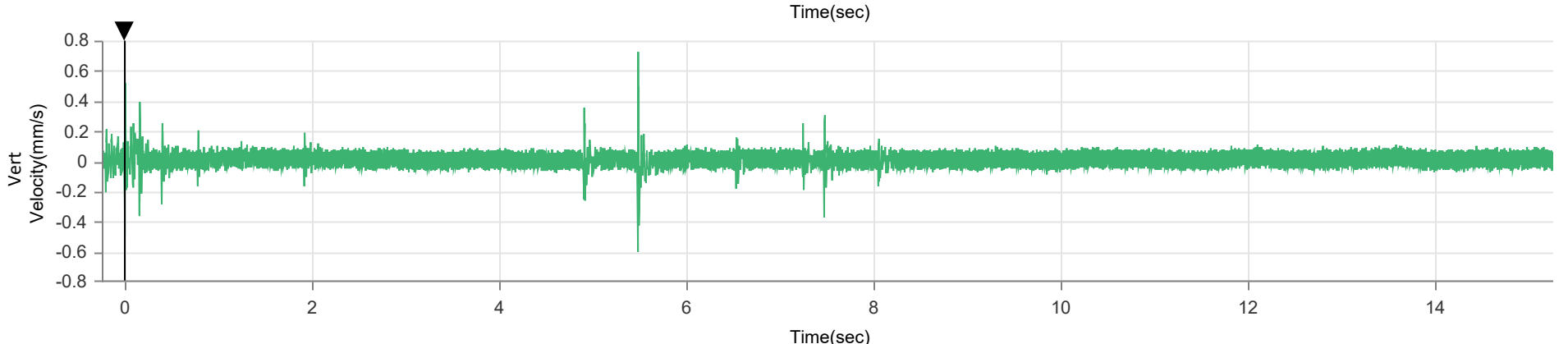

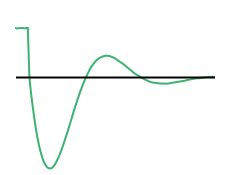

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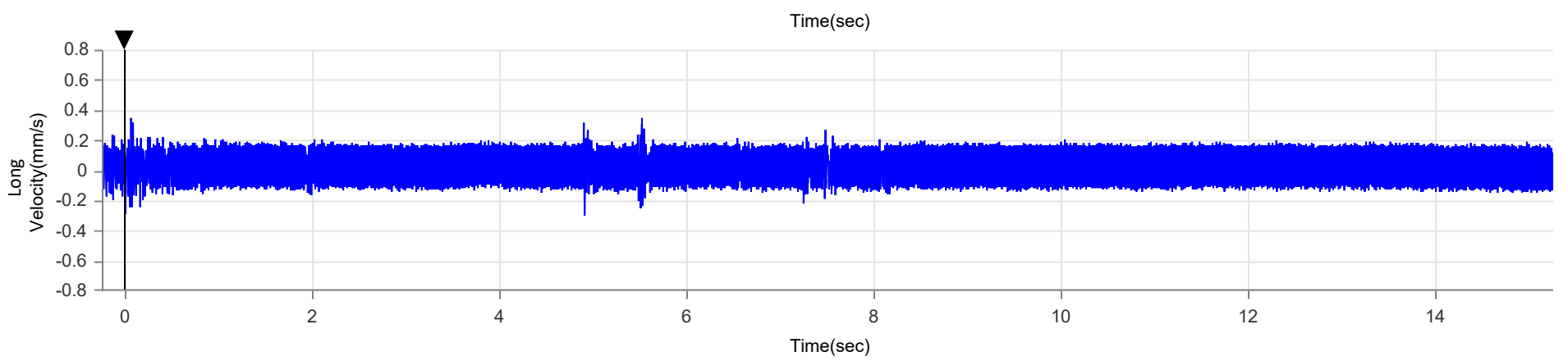
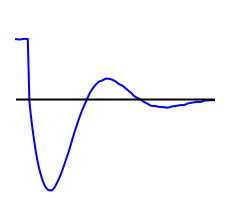




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 12:40:41	**Serial Number**	UM8153
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90FB
Pre-Trigger/Record Time	0.25 sec/17.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	January 18, 2022 by RGN Zagreb
Setup File Name	factory.mmb	**Event File Name**	UM8153_20221103124041.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

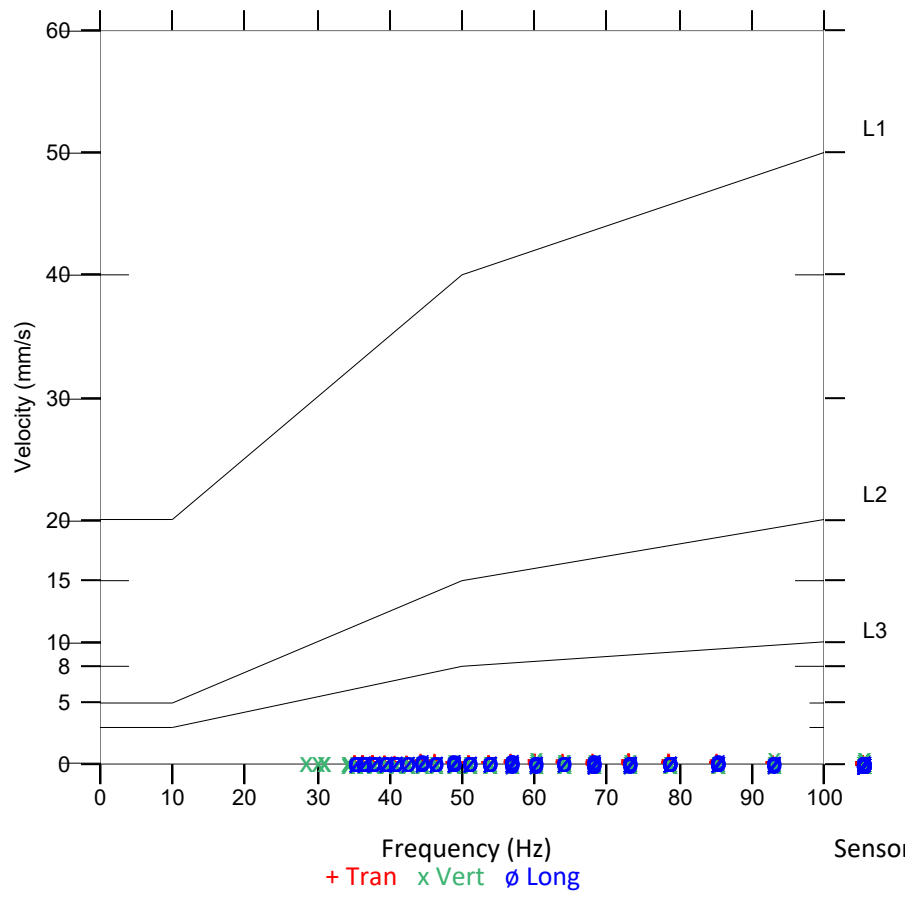
Notes

Location	MM-27, Plavje 56
Client	
Company	
General Notes	

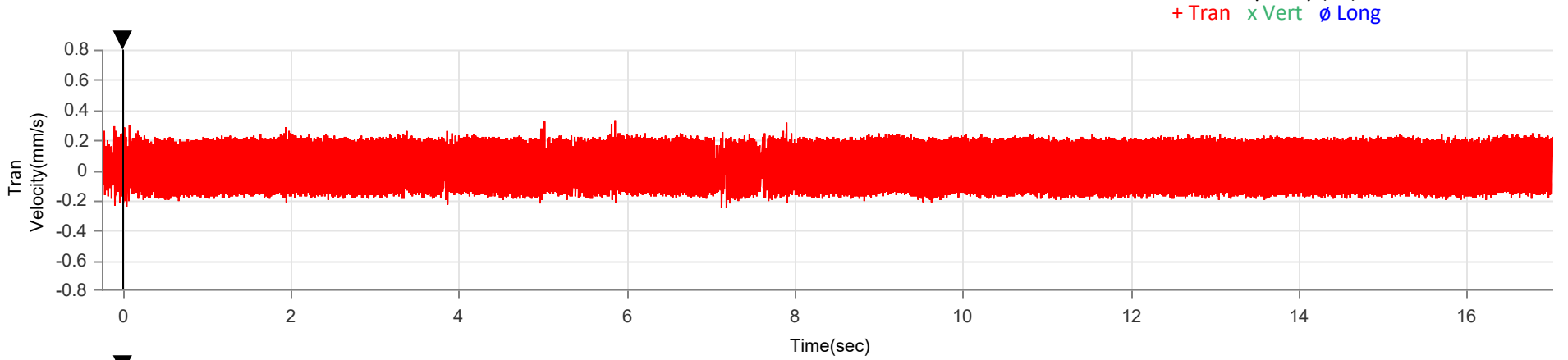
Post Event Notes No text to be displayed.

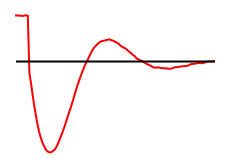
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.331 mm/s	0.552 mm/s	0.307 mm/s
Zero Crossing Frequency	64.0 Hz	93.1 Hz	56.9 Hz
Time (Relative to Trigger)	5.861 sec	7.051 sec	7.058 sec
Peak Acceleration	0.030 g	0.056 g	0.021 g
Peak Displacement	0.001 mm	0.001 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.1 Hz	7.1 Hz
Overswing Ratio	4.1	4.2	4.3
Peak Vector Sum	0.573 mm/s at 0.000 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

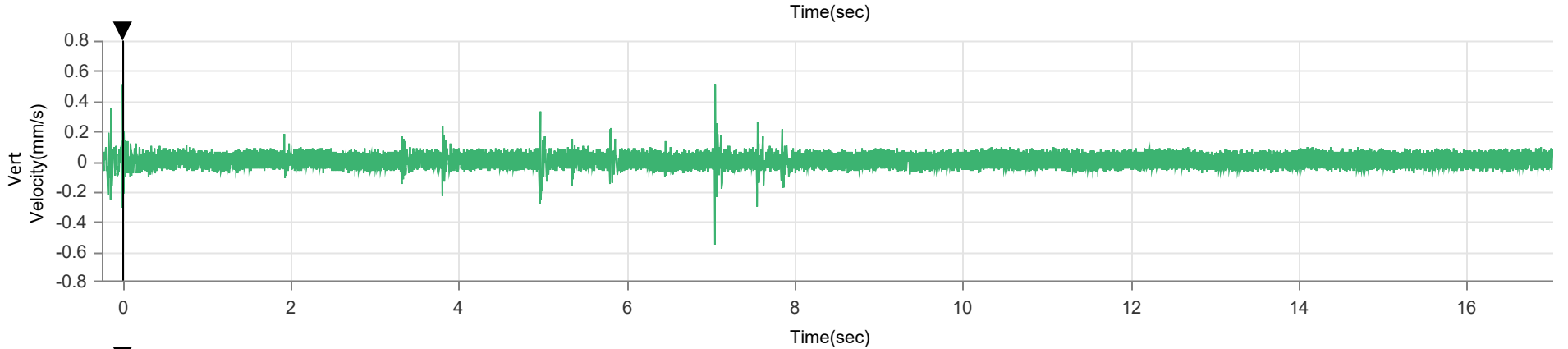


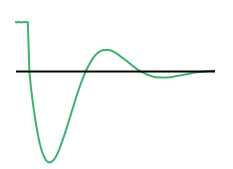
Sensor Check





✓ Passed





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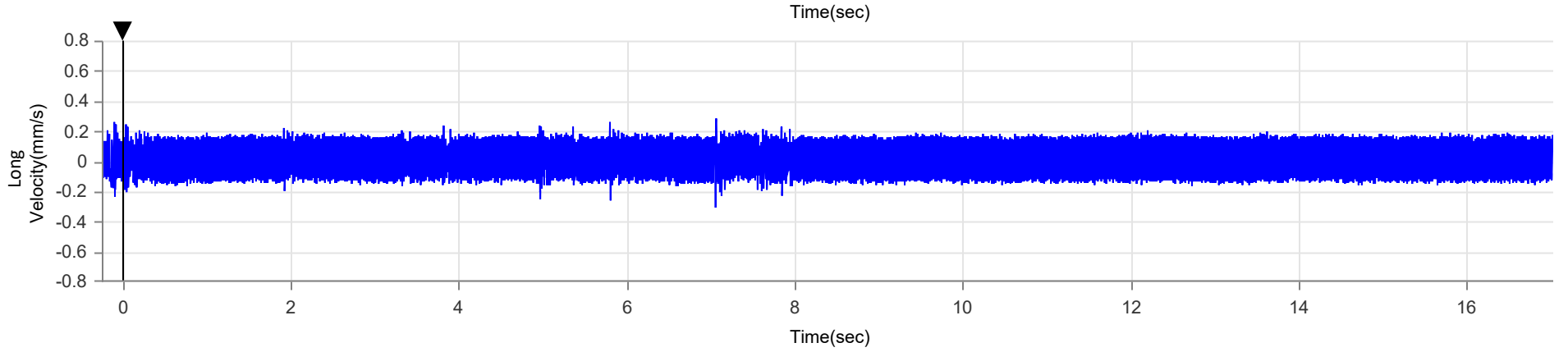

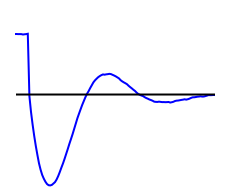

✓ Passed

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PRILOGA 2.1:

Zapisniki in analize meritev

- Poročilo meritev vibracij od dne 31.10.2022 do 7.11.2022
predor T8 (Koper)

GR d.o.o. INVESTICIJE
GEOTEHNOLOGIJA IN RUDARSTVO

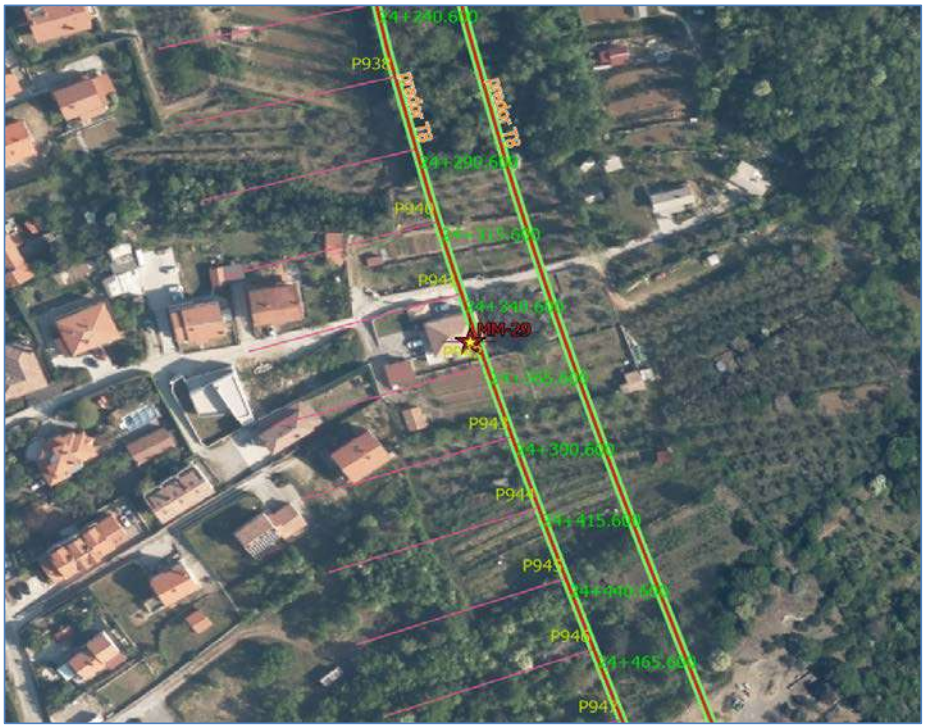
Tedensko poročilo meritev vibracij na predoru T-8 od dne 31.10.2022 do 7.11.2022

Lokacija meritve: **predor T8, Koper**

mersko mesto	*naslov*	*nomenklatura*	*tip objekta*	*serijska številka geofona*	*x*	*y*	*z*	*trig.level [mm/s]*	*vir vibracij*	*opomba*
MM - 29	Zg. Škofije 128e	TG8_MP-3-1_24350_01	L2	UM20419	406 974	47 303	158	0,50	miniranje predor T8	

REZULTATI MERITEV VIBRACIJ

mersko mesto	serijska številka geofona	nomenklatura	datum	čas	izmerjena vrednost vibracij [V_R = mm/s]	minimalna frekvenca [f_{min}= Hz]	komp f_{min}	predorska cev	lokacija	stacionaža (m)	najkrajša razdalja R (m)	komentar
MM - 29	UM20419	TG8_MP-3-1_24350_01	31.10.2022	16:31:11	2,13	73	V	glavna cev	kalota	24426 G	133	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	31.10.2022	18:15:45	0,88	68	L	servisna cev	stopnica	24744 S	393	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	01.11.2022	1:19:36	2,61	79	V	glavna cev	kalota	24422 G	131	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	01.11.2022	4:09:12	0,71	54	T	servisna cev	kalota	24525 S	194	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	01.11.2022	10:12:50	3,03	73	V	glavna cev	kalota	24417 G	128	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	01.11.2022	17:20:44	0,97	60	L	servisna cev	kalota	24521 S	190	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	01.11.2022	18:51:30	2,89	114	L	glavna cev	kalota	24414 G	127	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	02.11.2022	2:10:49	0,92	68	T	servisna cev	kalota	24519 S	189	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	02.11.2022	7:10:29	2,89	114	L	glavna cev	kalota	24410 G	125	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	02.11.2022	12:50:51	2,00	37	V	servisna cev	kalota	24515 S	186	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	02.11.2022	17:05:58	3,13	128	V	glavna cev	kalota	24406 G	123	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	03.11.2022	0:33:24	1,28	93	T	servisna cev	kalota	24511 S	182	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	03.11.2022	3:38:15	4,20	146	V	glavna cev	kalota	24402 G	121	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	03.11.2022	10:47:14	1,38	64	T	servisna cev	kalota	24507 S	179	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	03.11.2022	16:05:39	3,20	128	L	glavna cev	kalota	24398 G	119	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	03.11.2022	21:54:34	2,22	93	L	servisna cev	kalota	24503 S	176	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	04.11.2022	1:20:19	4,80	102	L	glavna cev	kalota	24396 G	119	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	04.11.2022	6:23:24	1,67	73	T	servisna cev	kalota	24500 S	174	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	04.11.2022	13:26:16	4,72	128	L	glavna cev	kalota	24393 G	117	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	04.11.2022	17:32:44	1,51	35	T	servisna cev	kalota	24496 S	171	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	04.11.2022	20:37:50	4,89	114	L	glavna cev	kalota	24390 G	116	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	05.11.2022	2:42:21	1,24	73	L	servisna cev	kalota	24493 S	169	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	05.11.2022	4:49:00	4,68	79	T	glavna cev	kalota	24387 G	115	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	05.11.2022	12:58:54	1,56	73	V	servisna cev	kalota	24489 S	166	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	05.11.2022	15:07:58	3,97	128	L	glavna cev	kalota	24384 G	114	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	05.11.2022	22:38:49	1,43	64	T	servisna cev	kalota	24485 S	163	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	06.11.2022	0:59:41	4,64	114	L	glavna cev	kalota	24382 G	114	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	06.11.2022	6:58:17	1,71	73	V	servisna cev	kalota	24481 S	160	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	06.11.2022	10:30:05	4,60	128	L	glavna cev	kalota	24379 G	113	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	06.11.2022	18:10:58	1,56	79	V	servisna cev	kalota	24478 S	158	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	06.11.2022	20:17:39	5,09	64	T	glavna cev	kalota	24375 G	112	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	07.11.2022	2:35:09	1,56	43	T	servisna cev	kalota	24474 S	155	< L2
MM - 29	UM20419	TG8_MP-3-1_24350_01	07.11.2022	4:22:34	5,68	102	L	glavna cev	kalota	24374 G	112	< L2



Mersko mesto 29

ANALIZA REZULTATOV in INTERPRETACIJA:

Na merskem mestu MM-29 smo izvajali meritve vibracij, s katerimi spremljamo vpliv izgradnje predora T-8 metoda izkopa z miniranjem. Rezultati meritev so prikazani v preglednici in diagramih meritev. Rezultati meritev za podano časovno obdobje ne presegajo mejnih vrednosti podanih s standardom DIN 4150-3.

MM - 29 Zg. Škofije 128e

Mersko mesto MM-29 je vzpostavljeno na stanovanjskem objektu Zgornje Škofije 128e. Rezultati posameznih meritev so podani v prilogah in zbrani v preglednici za mersko mesto oziroma odstrel. Izkop kalote glavne cevi je od merskega oddaljen **112 m,** izkop kalote servisne cevi pa **155 m.** Dne **7.11.2022** ob **4:22** uri je bila izmerjena najvišja vrednost hitrosti valovanja $\mathbf{V_{Rmax}}$ **= 5,68 mm/s** na oddaljenosti **112 m** pri miniranju v kaloti glavne cevi. Miniranja v stopnici glavne cevi **niso presegla** mejnih vrednosti za razred stanovanjskih objektov L_2 po standardu DIN 4150-3. Izkop kalote glavne in servisne cevi se merskemu mestu približuje.

OPOMBA:

Analiza oddaljenosti merskih mest od minskega polja je izvedena na osnovi prejetih podatkov o lokaciji miniranja in sicer od nivelete osi predora do merskega mesta. Rezultati in diagrami so prikazani v prilogah in zbrani v preglednici.

Meritve izvedel:	**Matija Tori, mag.inž.geoteh.** **Tomaž Hribar, mag.inž.geoteh.**	Analiza meritev:	**Matija Tori, mag.inž.geoteh.**

PRILOGA 2.2:
Rezultati meritev

- MM-29 (Zg. Škofije 128e) -

Waveform Trigger Source	Vert at October 31, 2022 16:31:11	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221031163111.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

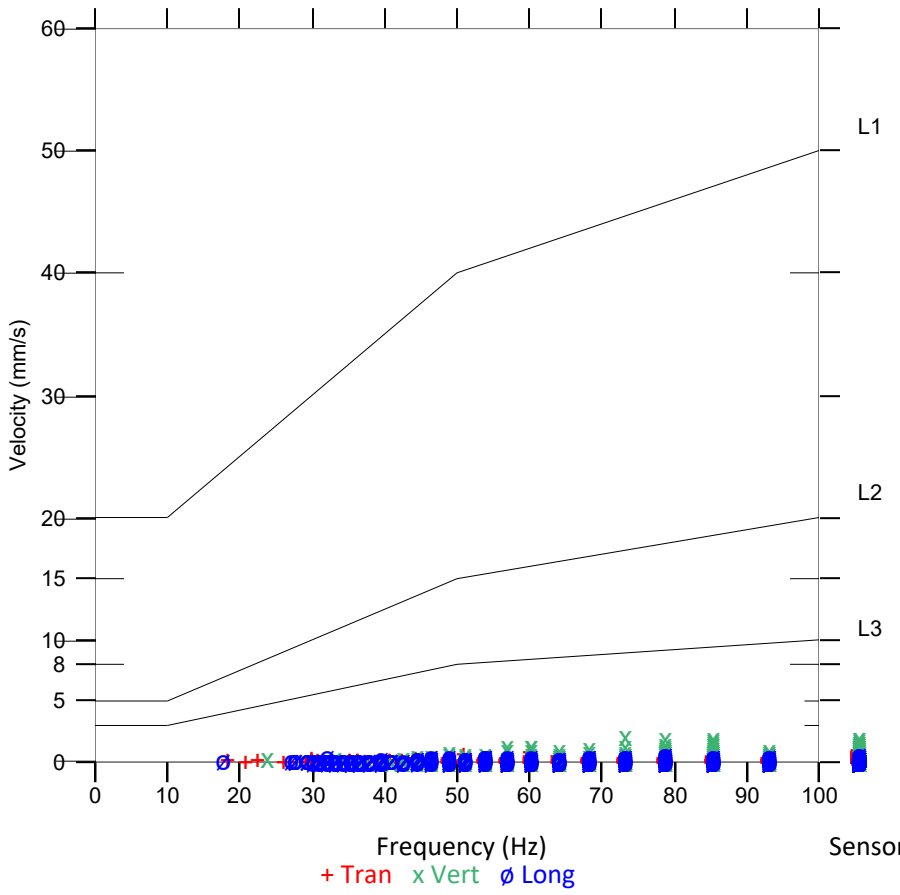
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

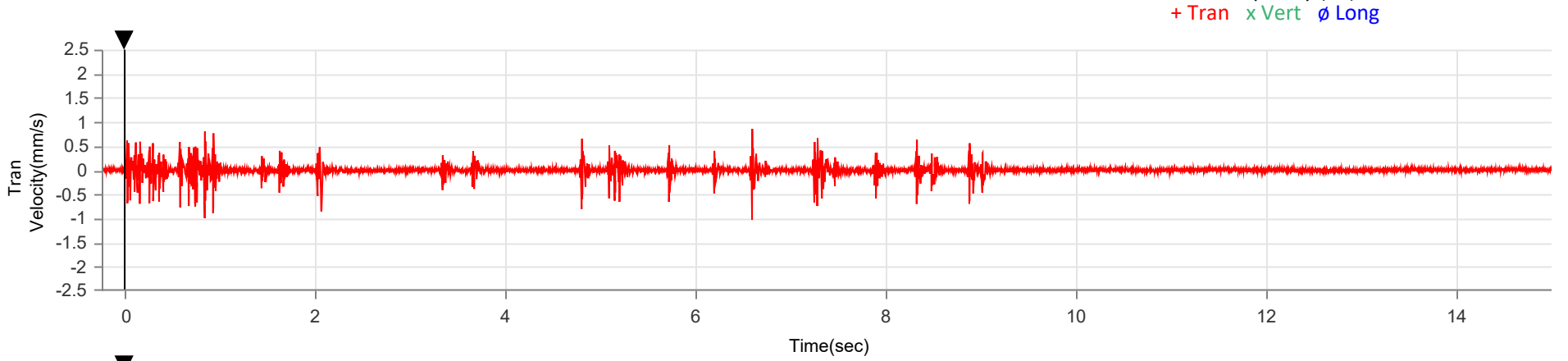
Post Event Notes No text to be displayed.

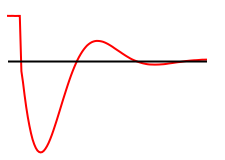
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.025 mm/s	2.104 mm/s	0.701 mm/s
Zero Crossing Frequency	>100 Hz	73.1 Hz	78.8 Hz
Time (Relative to Trigger)	6.592 sec	0.010 sec	0.733 sec
Peak Acceleration	0.100 g	0.171 g	0.054 g
Peak Displacement	0.002 mm	0.004 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	2.128 mm/s at 0.010 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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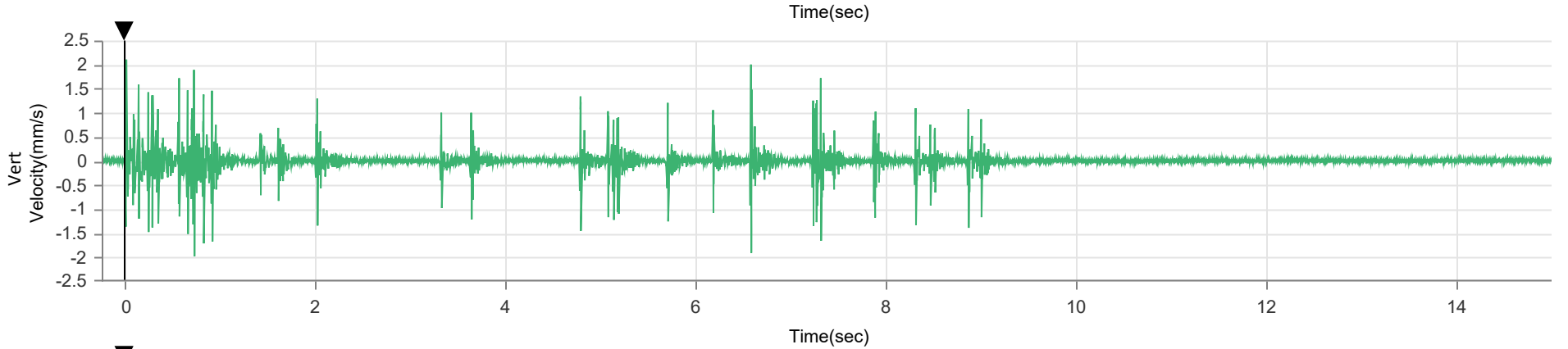
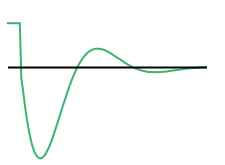
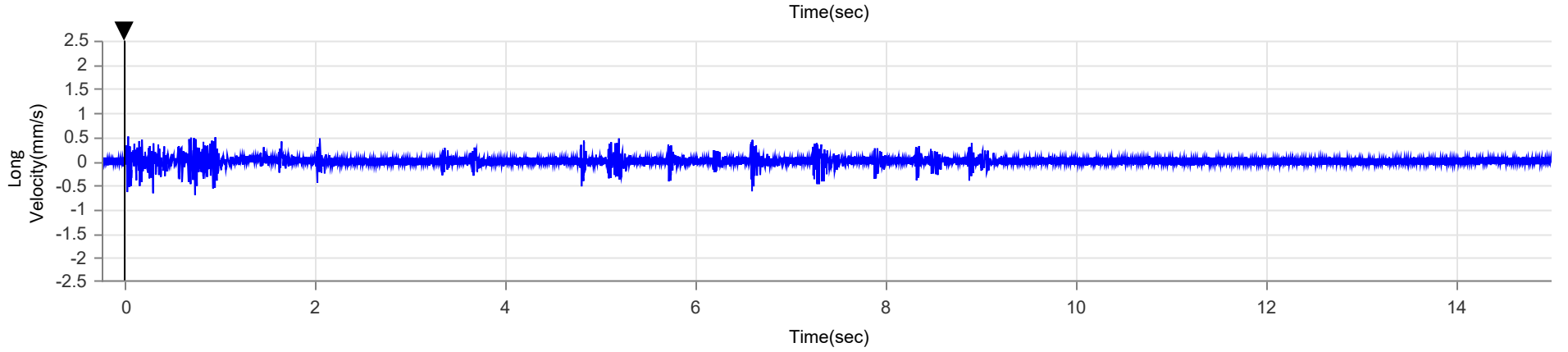
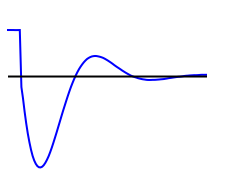




✓ Passed





✓ Passed

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Waveform Trigger Source	Vert at October 31, 2022 18:15:45	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221031181545.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

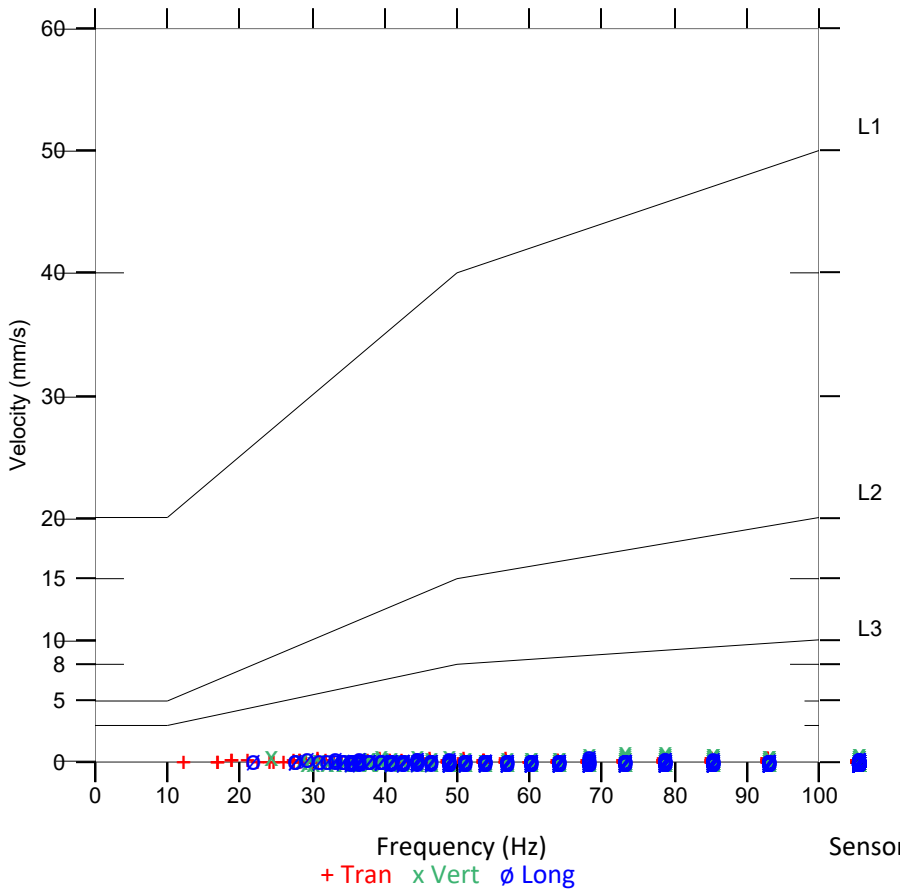
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

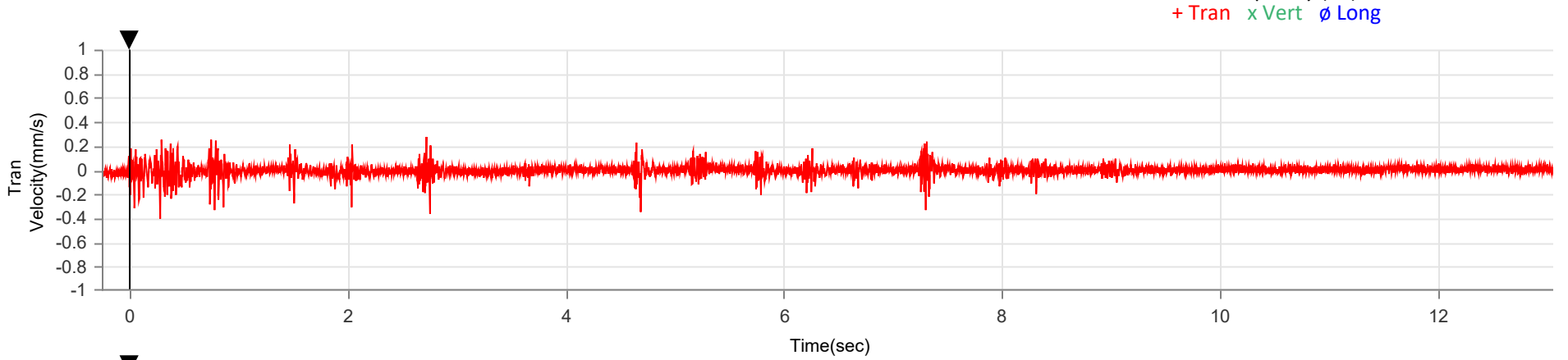
Post Event Notes No text to be displayed.

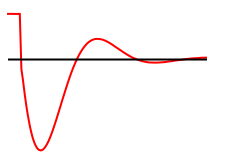
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.402 mm/s	0.875 mm/s	0.504 mm/s
Zero Crossing Frequency	85.3 Hz	73.1 Hz	68.3 Hz
Time (Relative to Trigger)	0.287 sec	0.729 sec	0.287 sec
Peak Acceleration	0.025 g	0.048 g	0.030 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	0.881 mm/s at 0.729 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

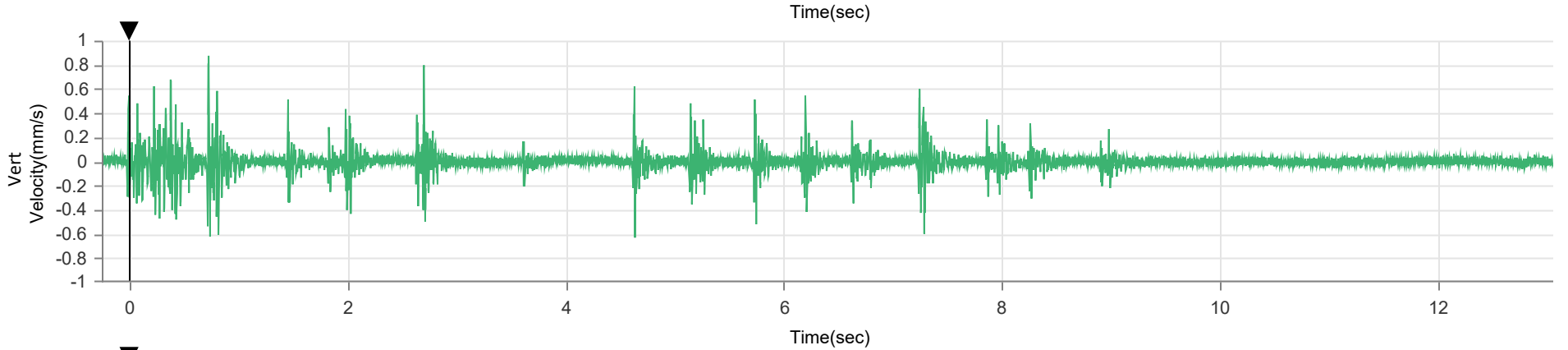


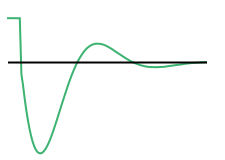
Sensor Check





✓ Passed





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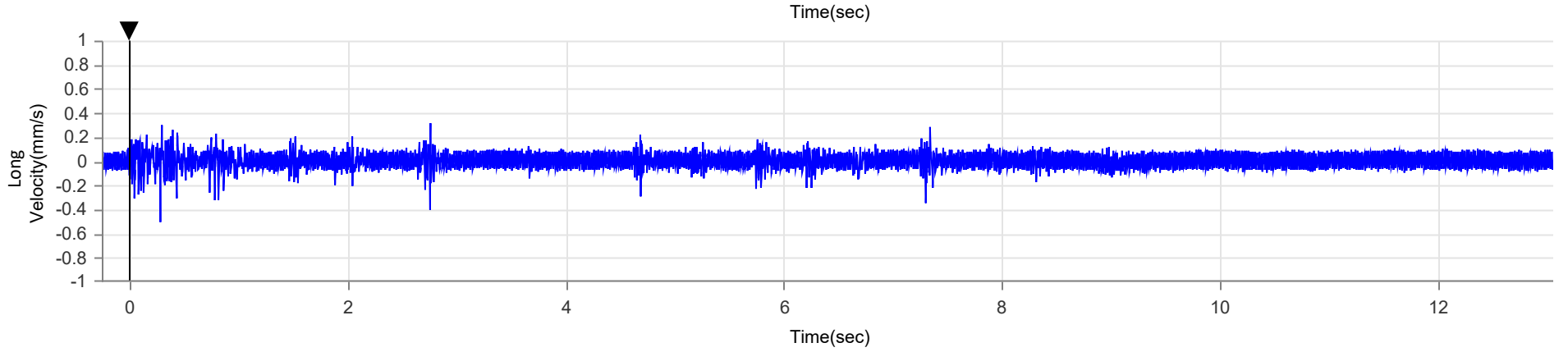
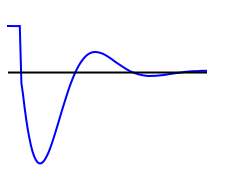




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 01:19:36	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221101011936.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

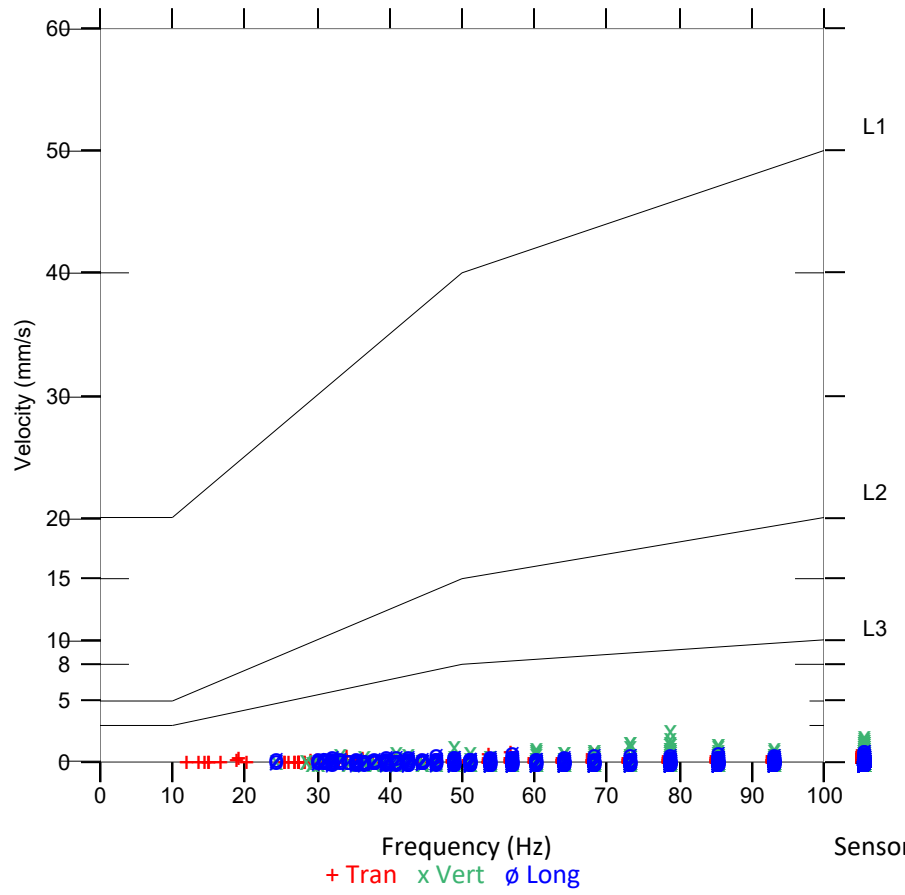
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

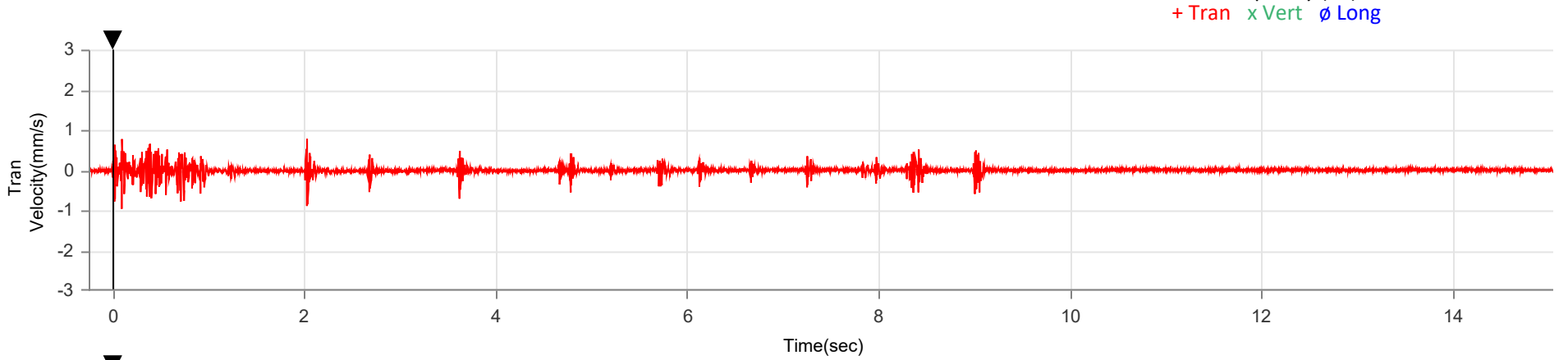
Post Event Notes No text to be displayed.

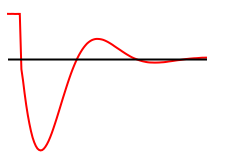
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.962 mm/s	2.577 mm/s	0.938 mm/s
Zero Crossing Frequency	>100 Hz	78.8 Hz	>100 Hz
Time (Relative to Trigger)	0.096 sec	0.084 sec	0.389 sec
Peak Acceleration	0.087 g	0.178 g	0.071 g
Peak Displacement	0.002 mm	0.005 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	2.607 mm/s at 0.084 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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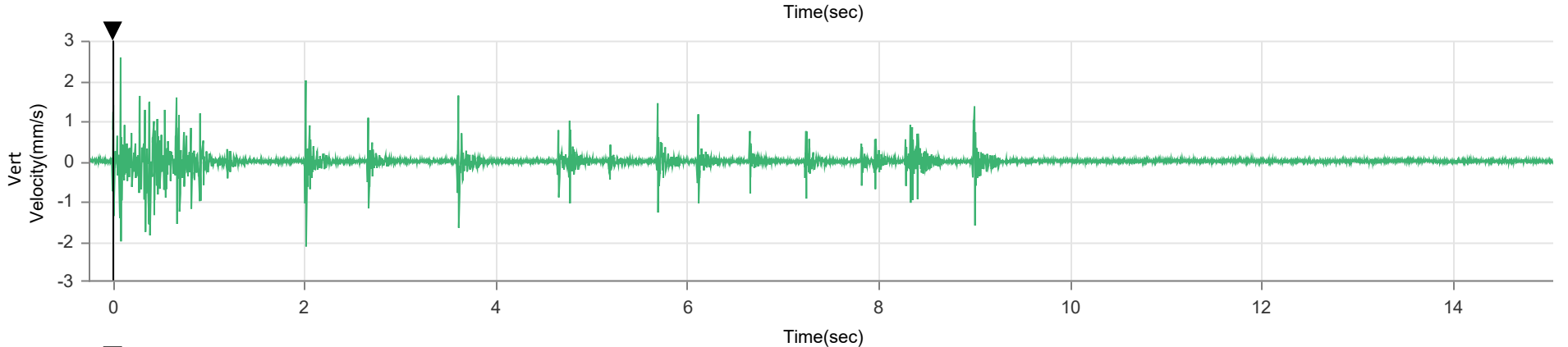

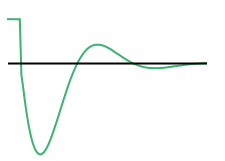

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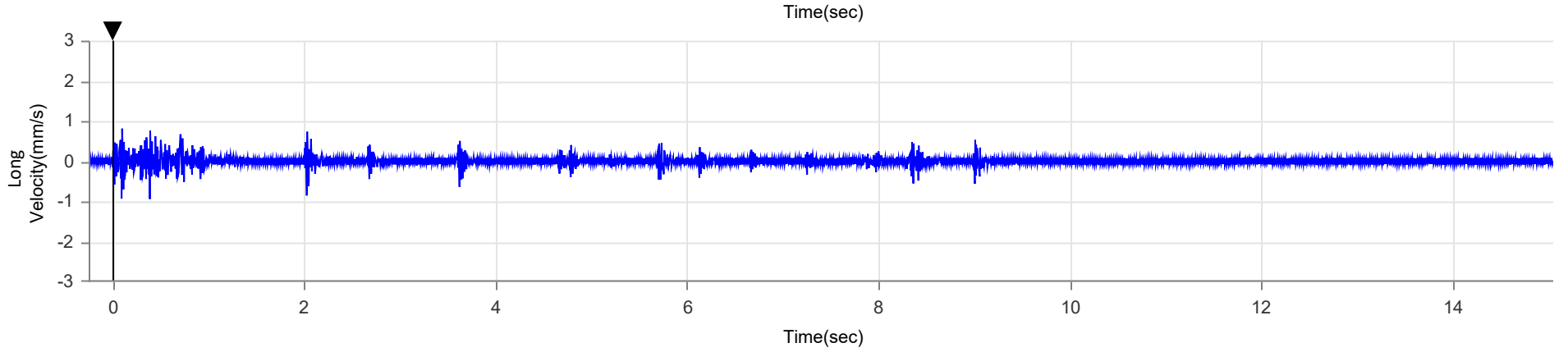
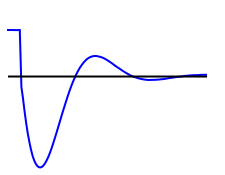




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 04:09:12	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221101040912.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

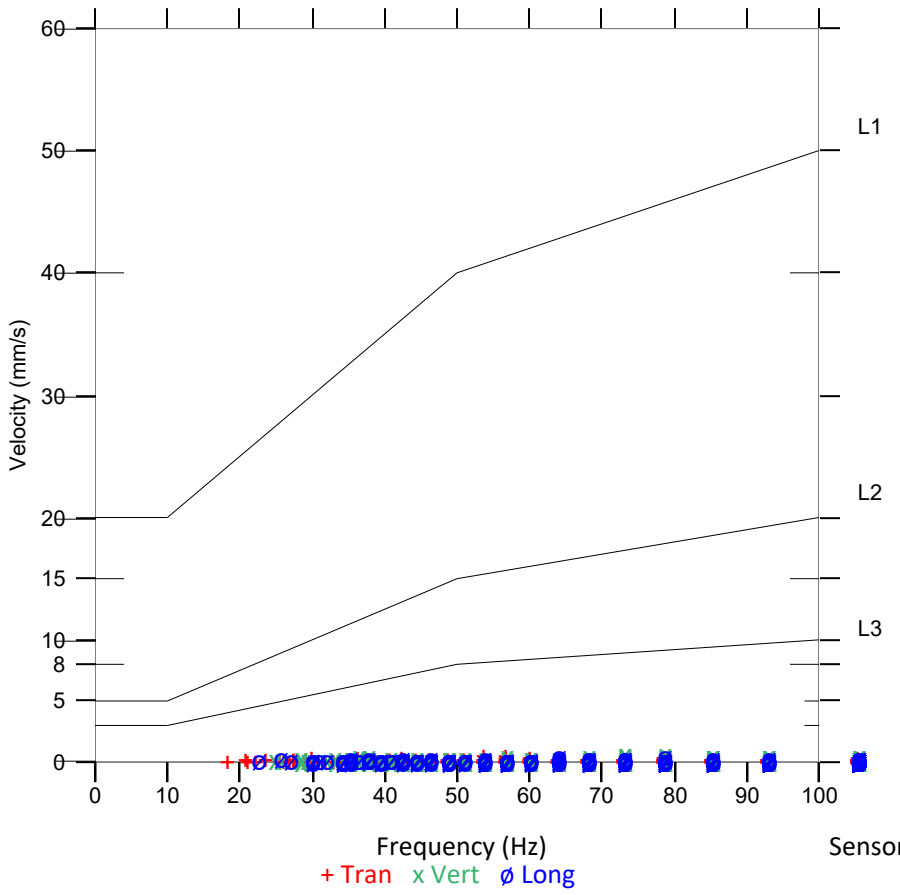
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

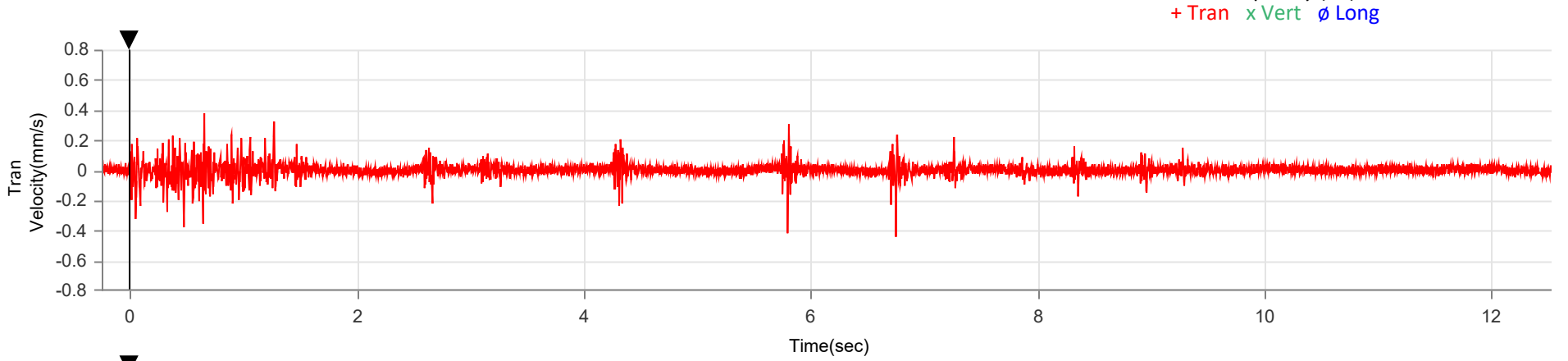
Post Event Notes No text to be displayed.

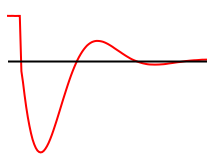
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.441 mm/s	0.701 mm/s	0.418 mm/s
Zero Crossing Frequency	53.9 Hz	73.1 Hz	78.8 Hz
Time (Relative to Trigger)	6.750 sec	6.695 sec	5.797 sec
Peak Acceleration	0.025 g	0.038 g	0.033 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	0.707 mm/s at 6.695 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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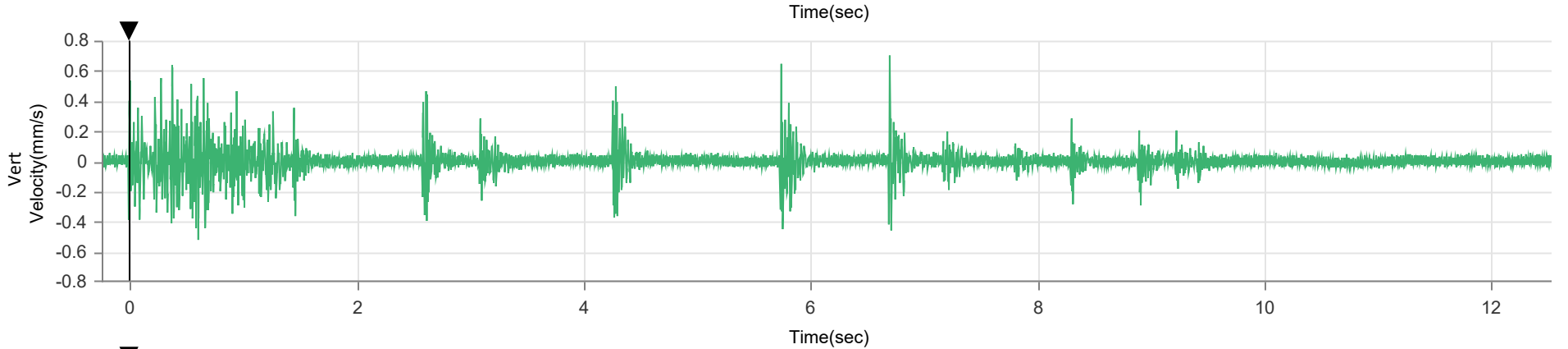

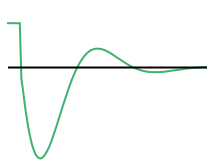

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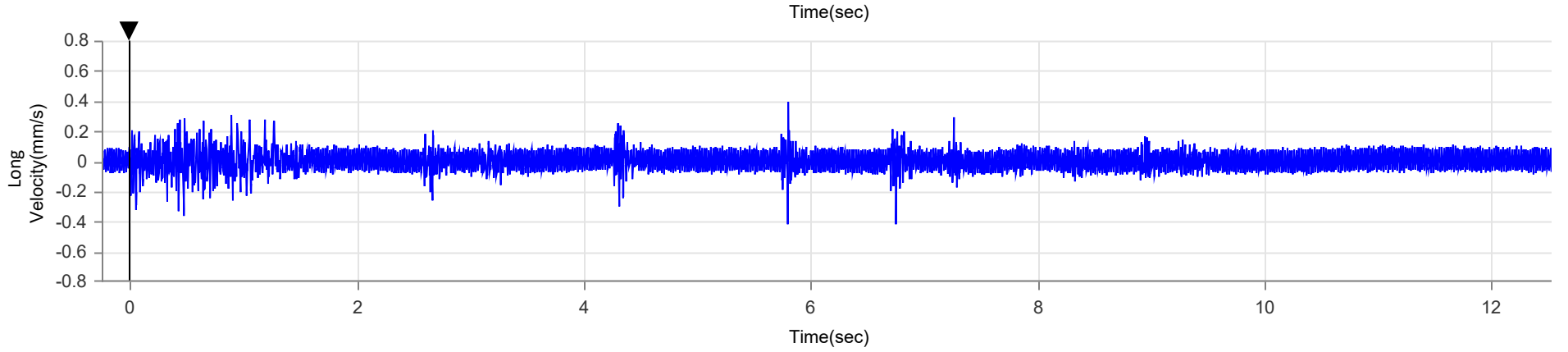
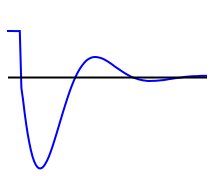




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 10:12:50	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.9 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221101101250.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

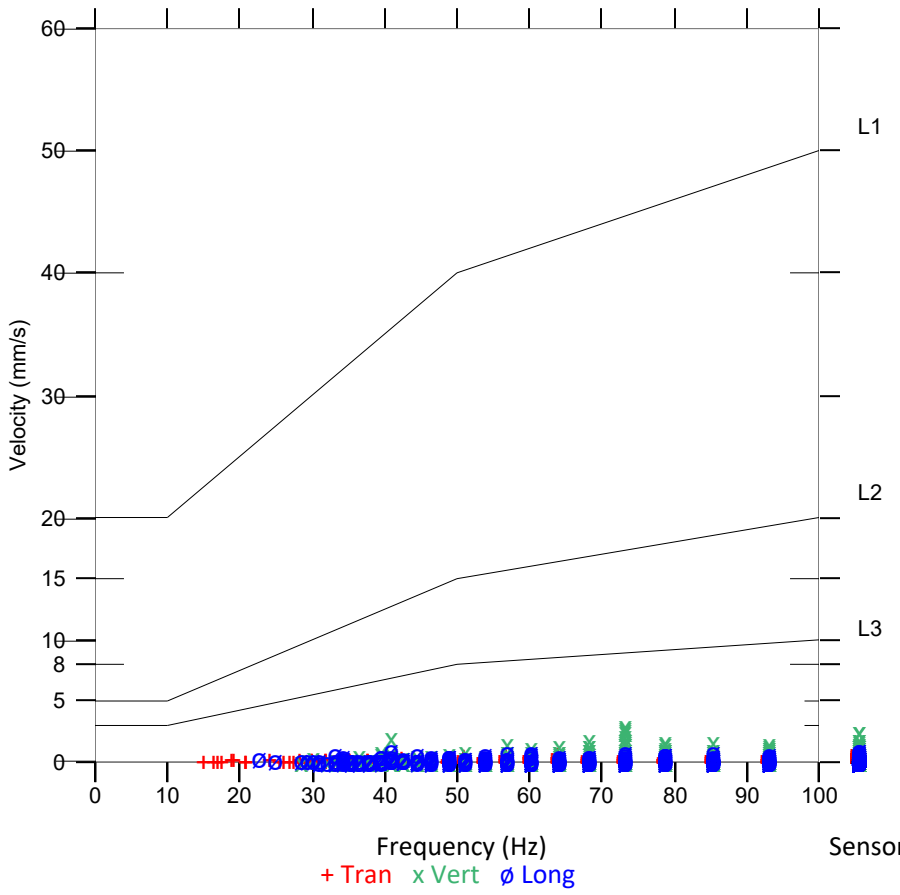
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

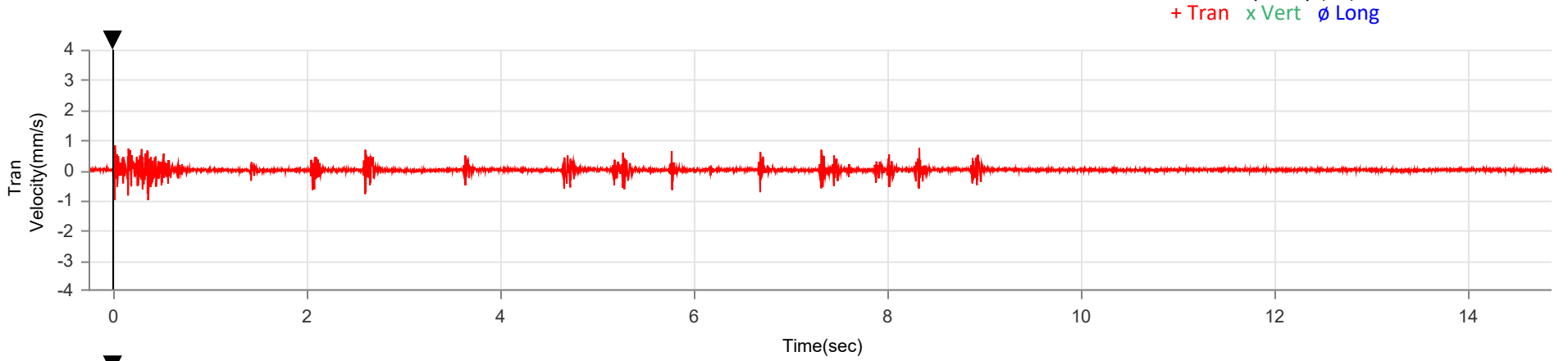
Post Event Notes No text to be displayed.

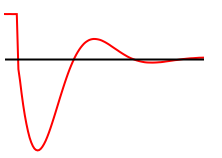
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.985 mm/s	3.019 mm/s	1.025 mm/s
Zero Crossing Frequency	>100 Hz	73.1 Hz	>100 Hz
Time (Relative to Trigger)	0.021 sec	0.247 sec	0.160 sec
Peak Acceleration	0.097 g	0.202 g	0.067 g
Peak Displacement	0.001 mm	0.006 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	3.027 mm/s at 0.247 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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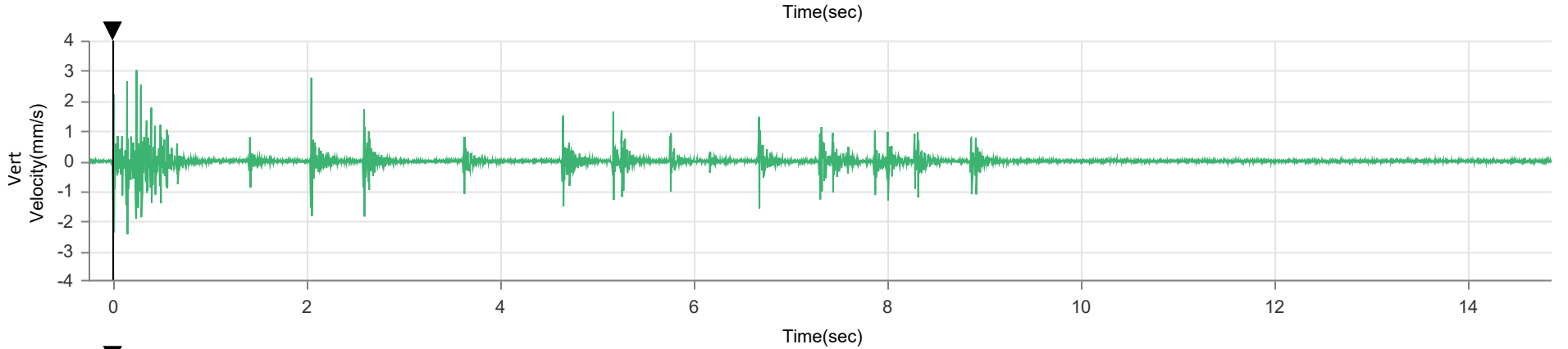

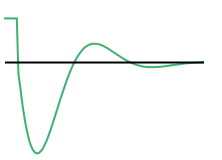

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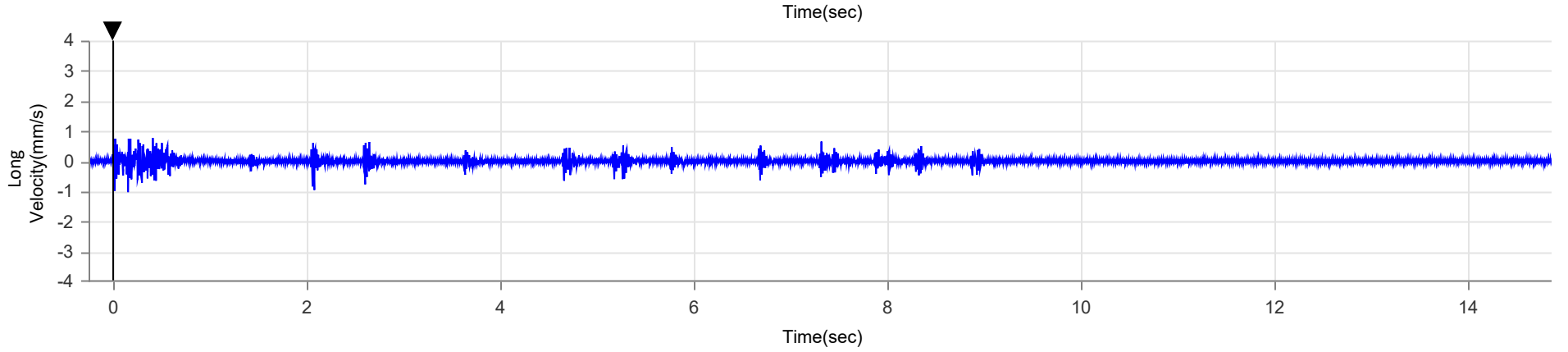
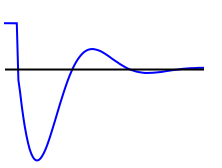




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 17:20:44	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221101172044.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

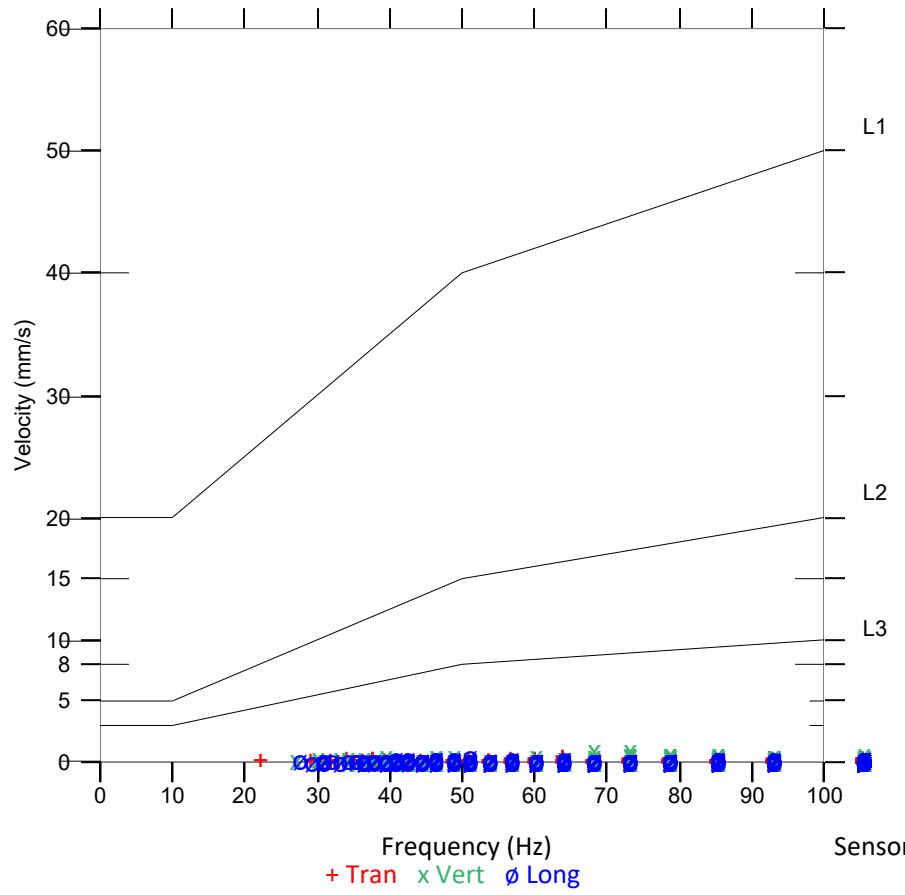
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

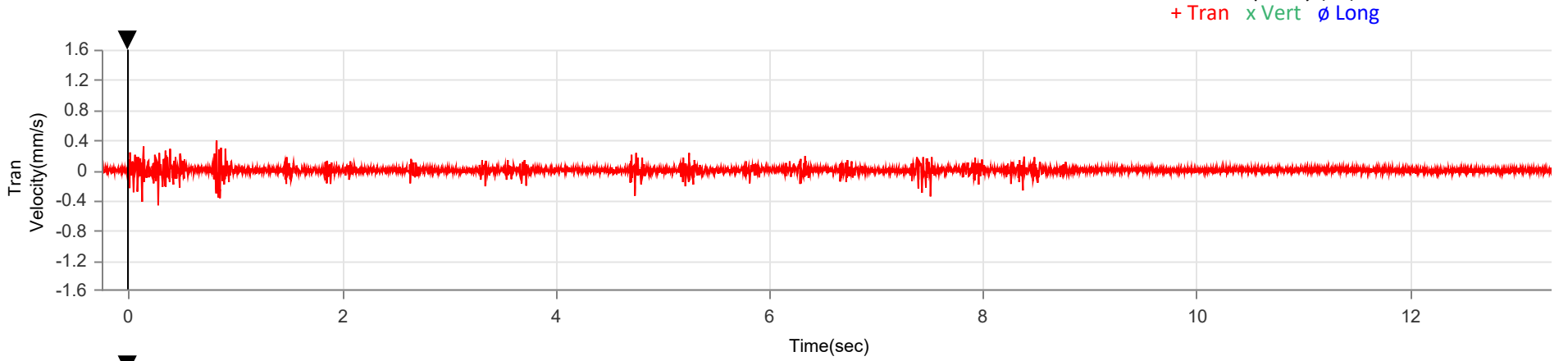
Post Event Notes No text to be displayed.

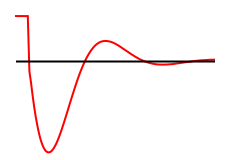
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.465 mm/s	0.938 mm/s	0.449 mm/s
Zero Crossing Frequency	64.0 Hz	73.1 Hz	60.2 Hz
Time (Relative to Trigger)	0.279 sec	0.331 sec	0.131 sec
Peak Acceleration	0.033 g	0.051 g	0.030 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	0.968 mm/s at 0.331 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

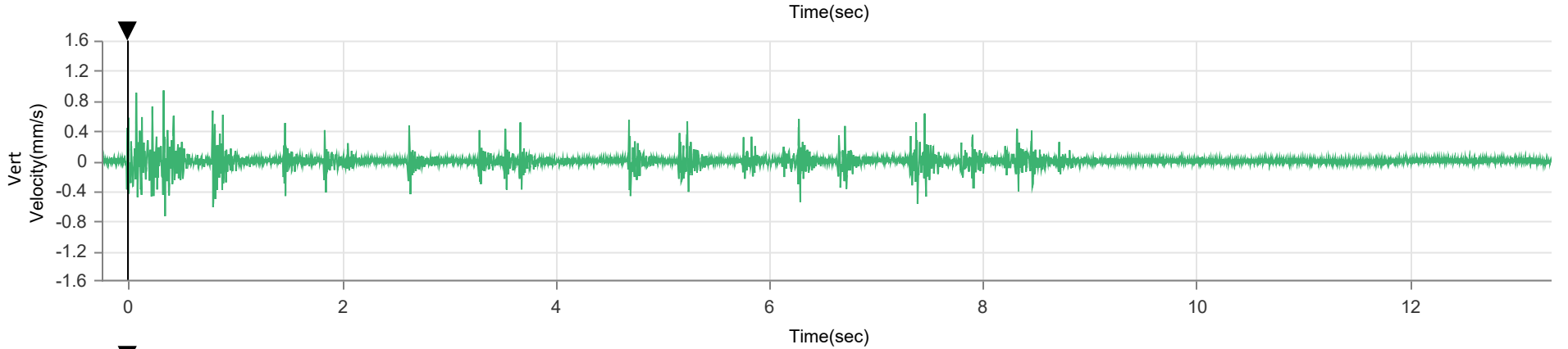


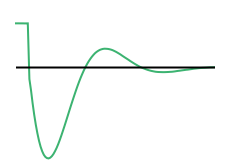
Sensor Check





✓ Passed





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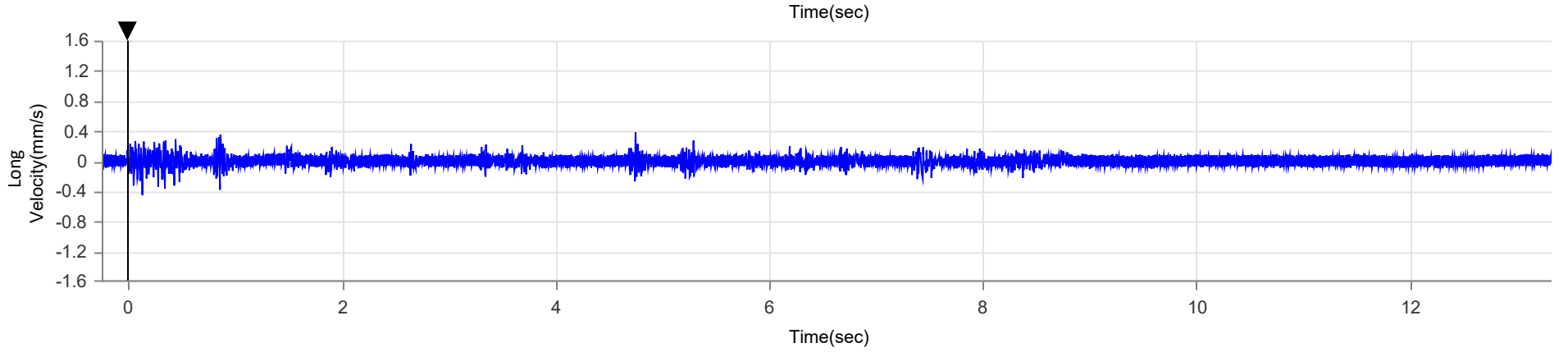
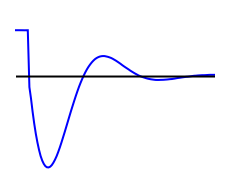




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 1, 2022 18:51:30	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221101185130.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

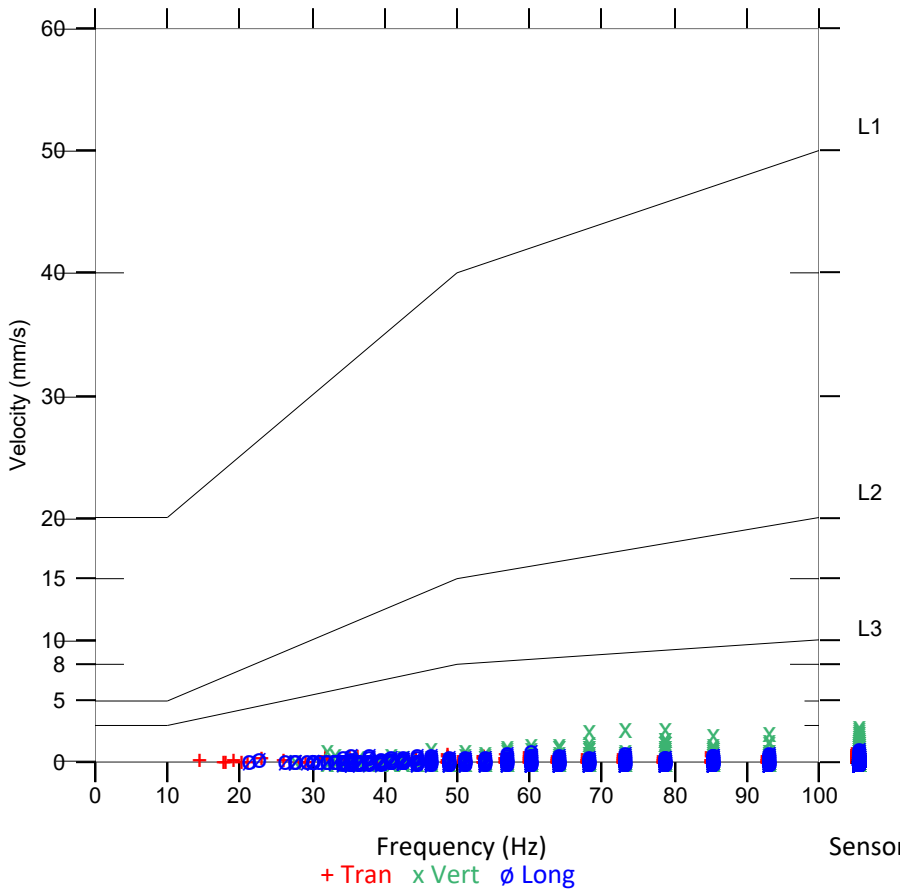
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

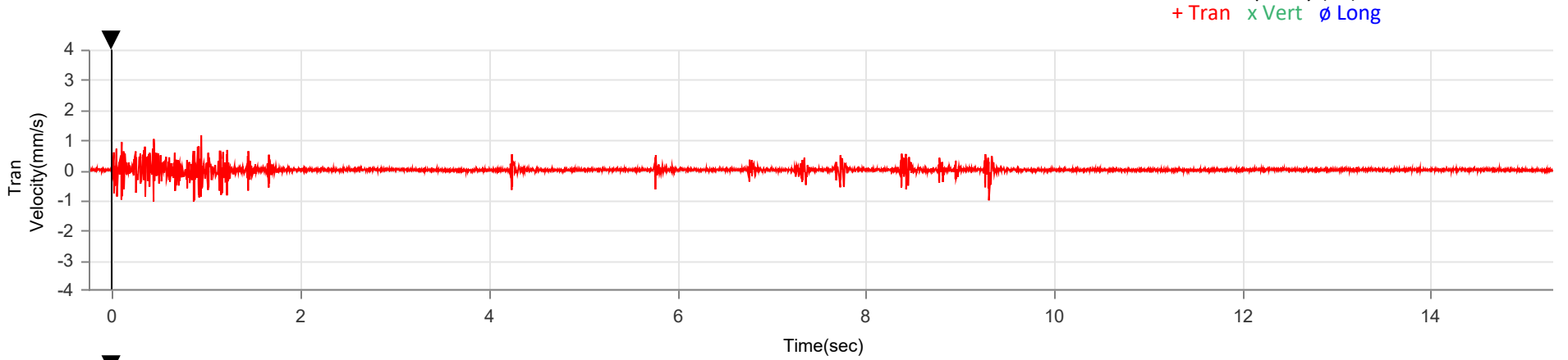
Post Event Notes No text to be displayed.

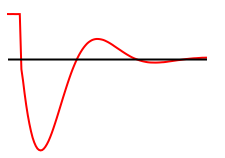
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.159 mm/s	2.869 mm/s	1.167 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.947 sec	0.905 sec	0.943 sec
Peak Acceleration	0.118 g	0.227 g	0.079 g
Peak Displacement	0.002 mm	0.006 mm	0.003 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	2.893 mm/s at 0.905 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

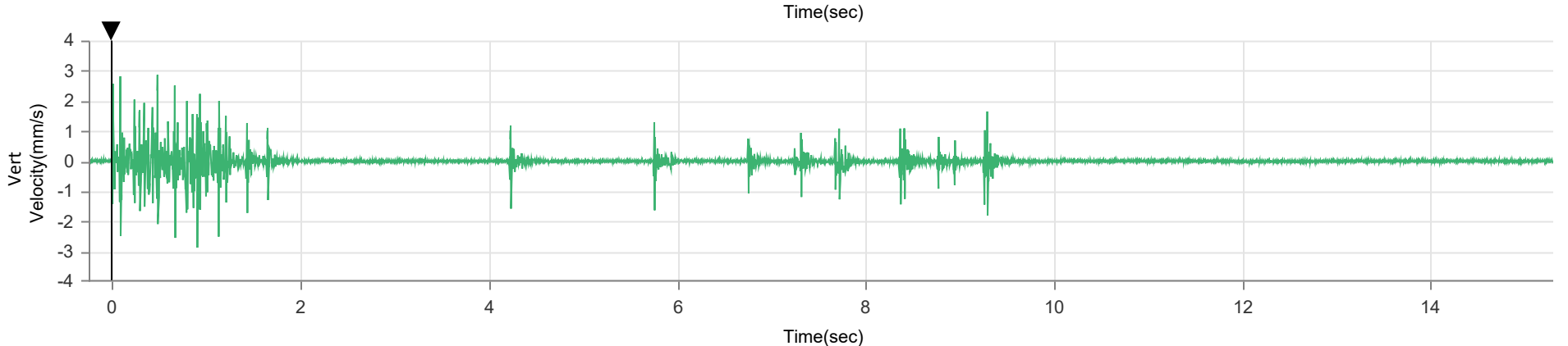


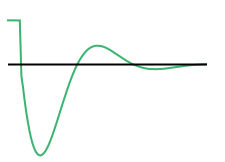
Sensor Check



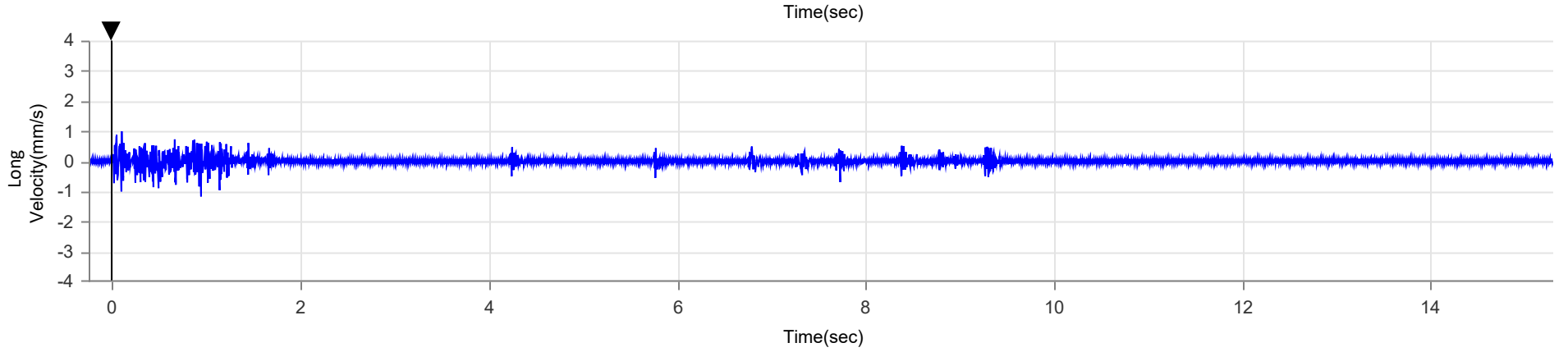


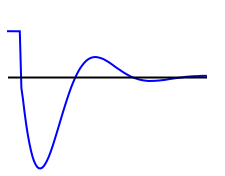
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 02:10:49	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/10.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221102021049.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

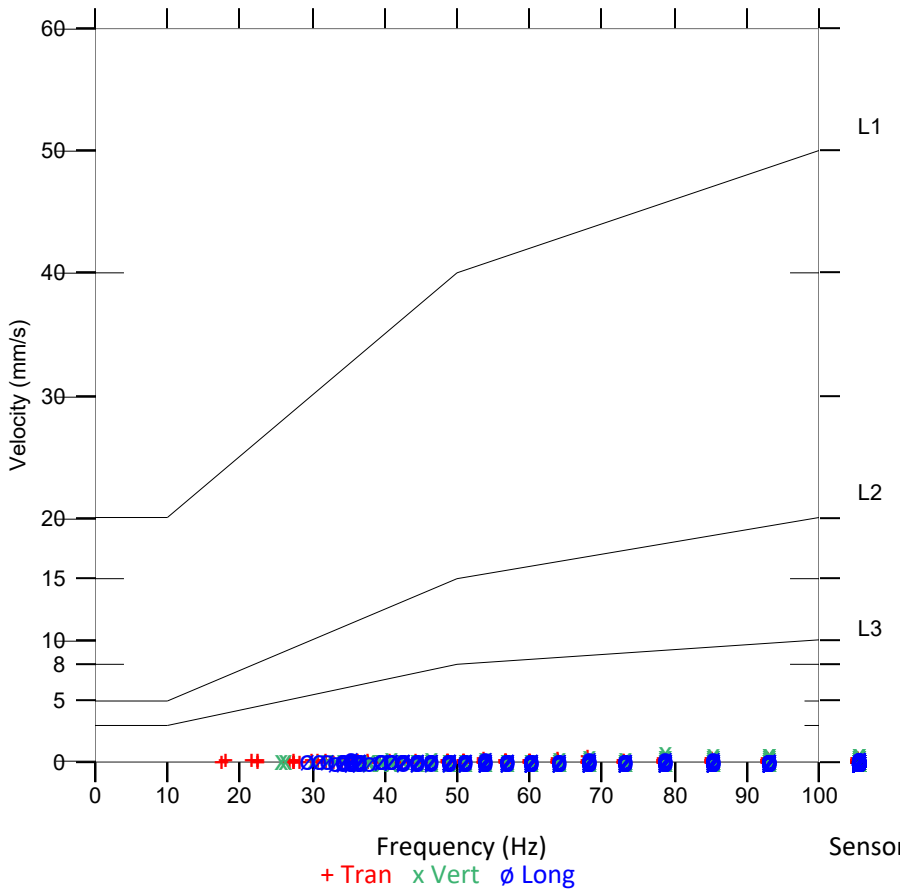
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

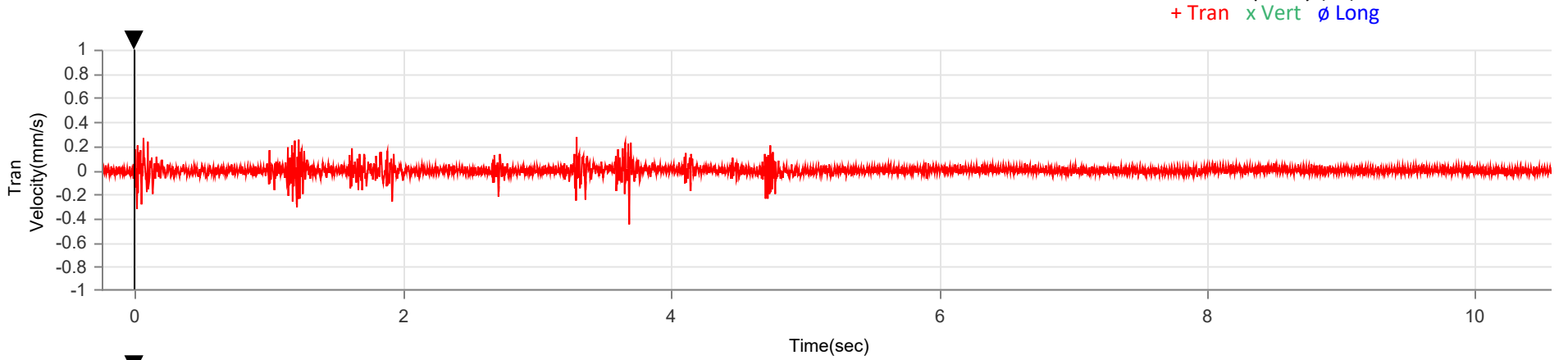
Post Event Notes No text to be displayed.

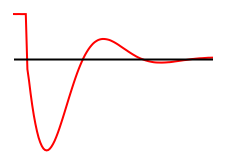
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.449 mm/s	0.899 mm/s	0.339 mm/s
Zero Crossing Frequency	68.3 Hz	78.8 Hz	85.3 Hz
Time (Relative to Trigger)	3.688 sec	0.001 sec	4.756 sec
Peak Acceleration	0.026 g	0.048 g	0.025 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	0.922 mm/s at 0.001 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

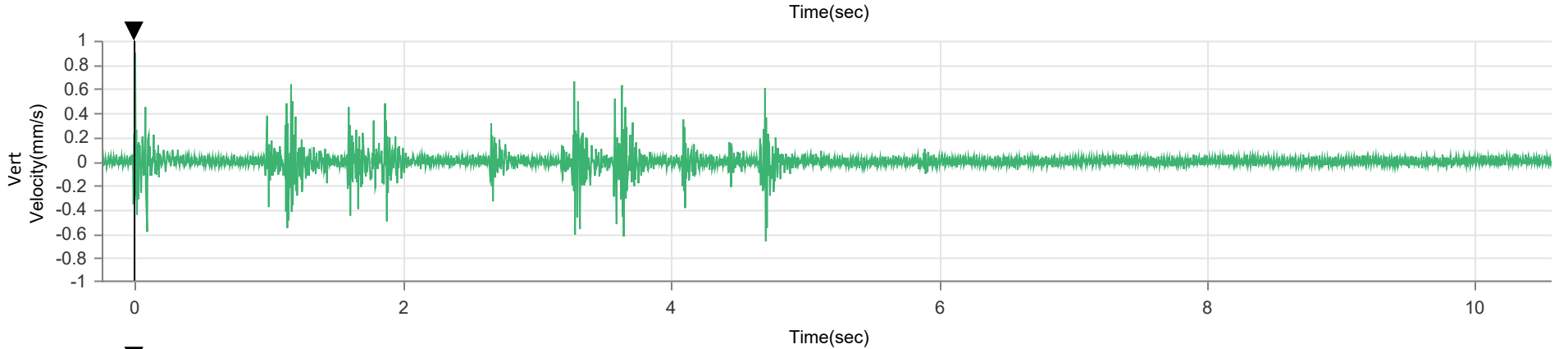


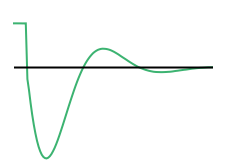
Sensor Check





✓ Passed





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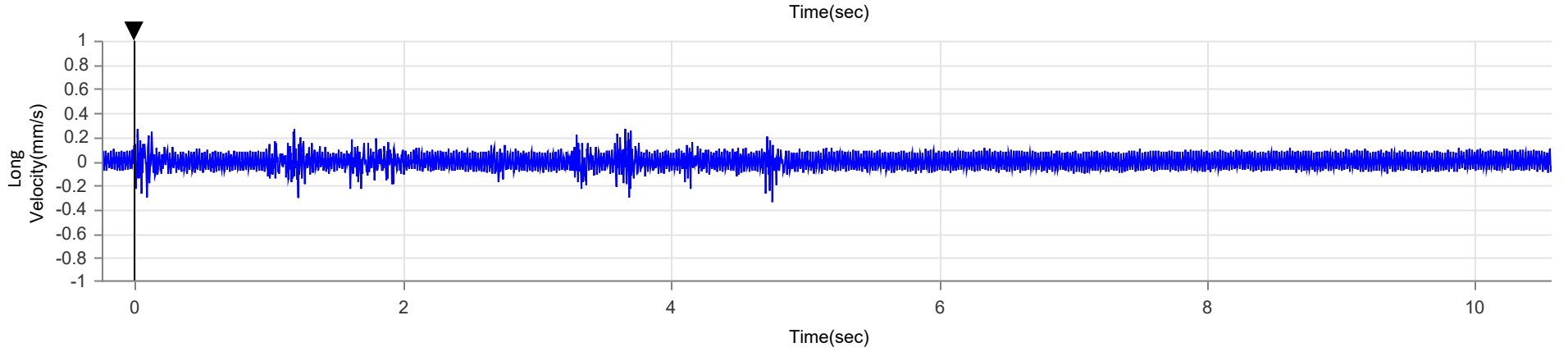
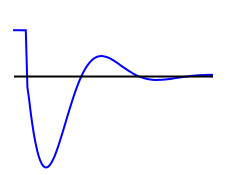




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 07:10:29	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221102071029.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

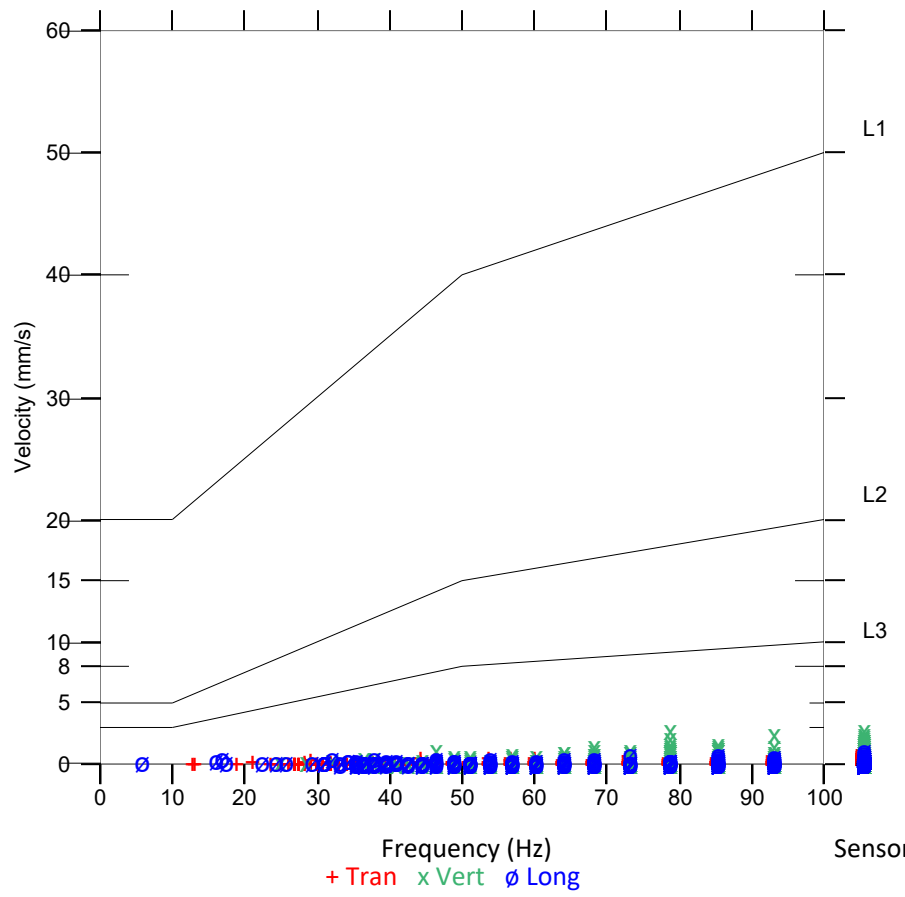
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

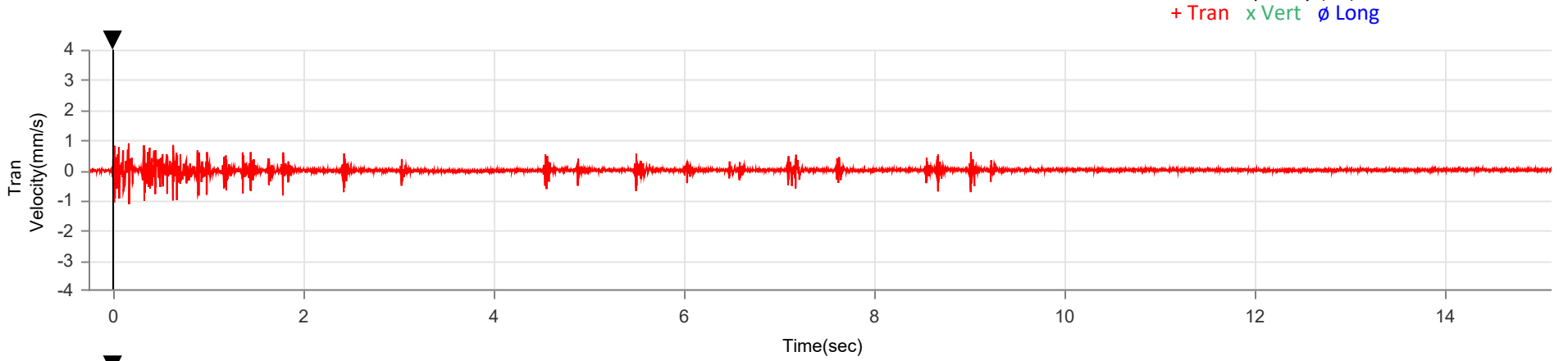
Post Event Notes No text to be displayed.

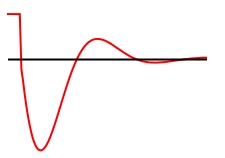
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.127 mm/s	2.861 mm/s	1.159 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.176 sec	0.330 sec	0.336 sec
Peak Acceleration	0.117 g	0.244 g	0.076 g
Peak Displacement	0.001 mm	0.006 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	2.885 mm/s at 0.330 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

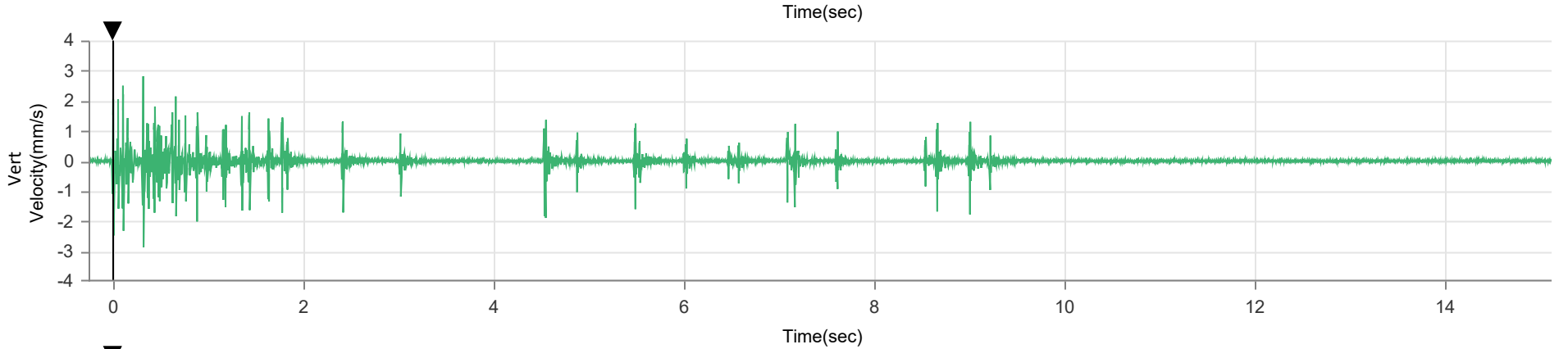


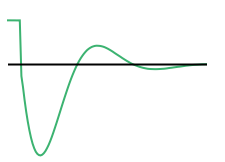
Sensor Check





✓ Passed





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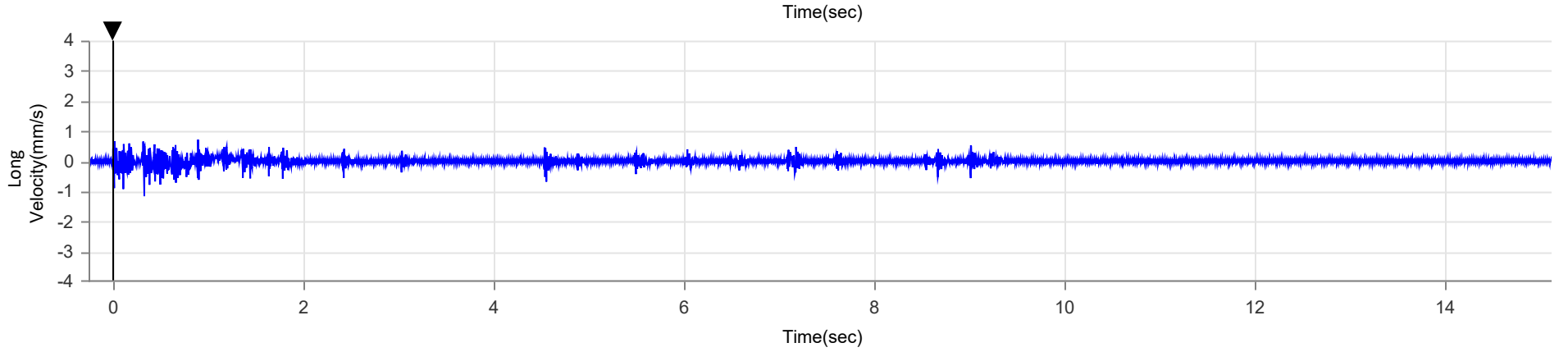

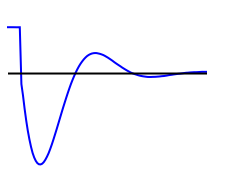

✓ Passed

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Waveform Trigger Source	Vert at November 2, 2022 12:50:51	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/10.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221102125051.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

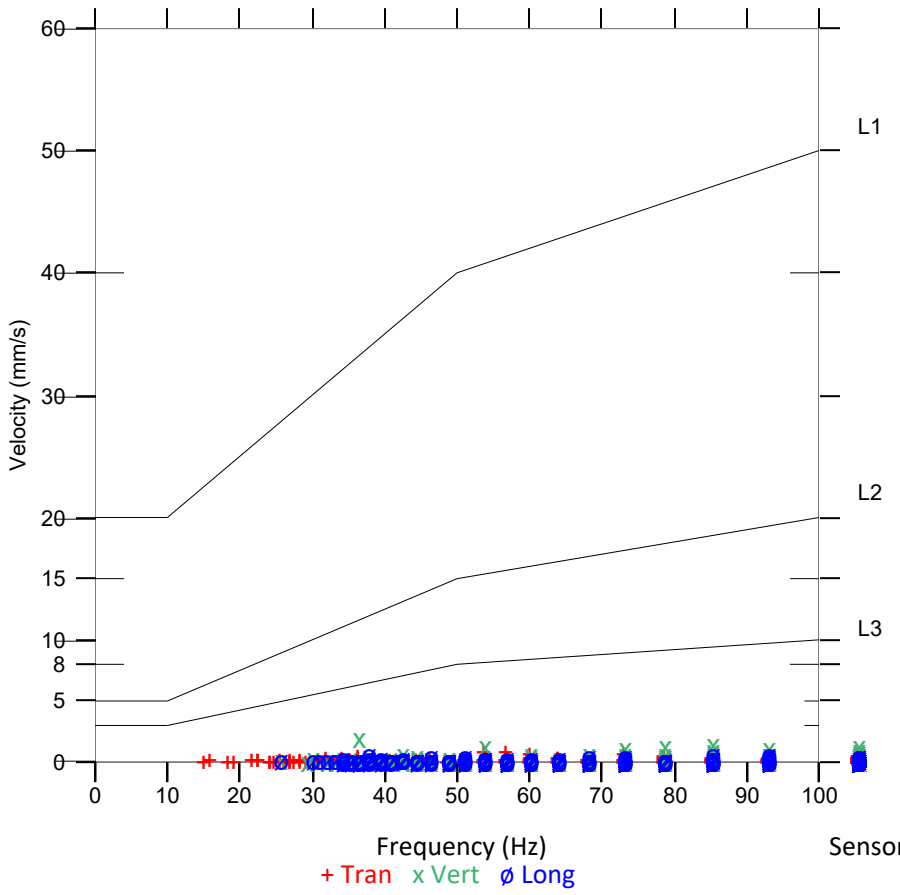
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

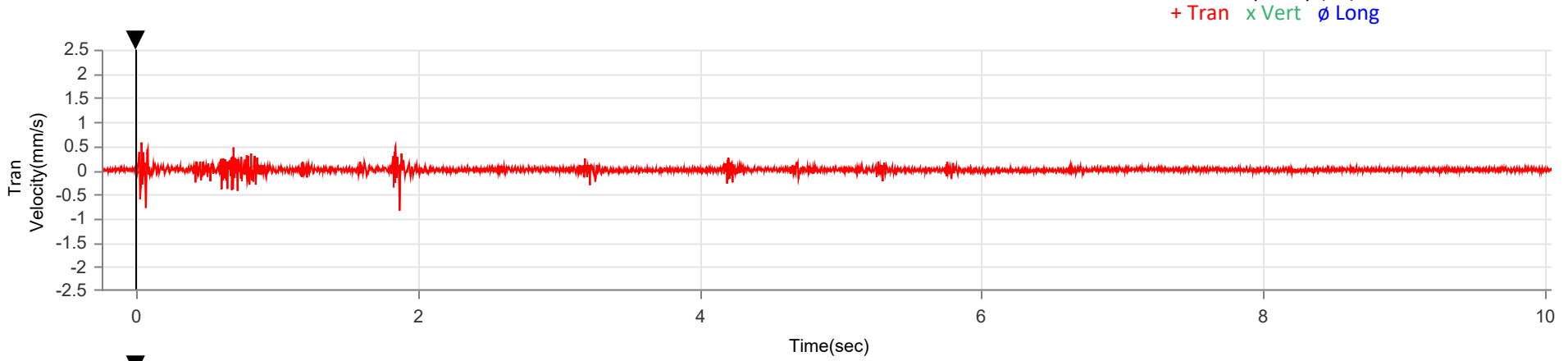
Post Event Notes No text to be displayed.

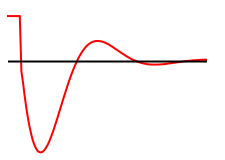
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.835 mm/s	1.963 mm/s	0.694 mm/s
Zero Crossing Frequency	53.9 Hz	36.6 Hz	37.9 Hz
Time (Relative to Trigger)	1.868 sec	0.010 sec	0.021 sec
Peak Acceleration	0.043 g	0.089 g	0.048 g
Peak Displacement	0.002 mm	0.006 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.999 mm/s at 0.010 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

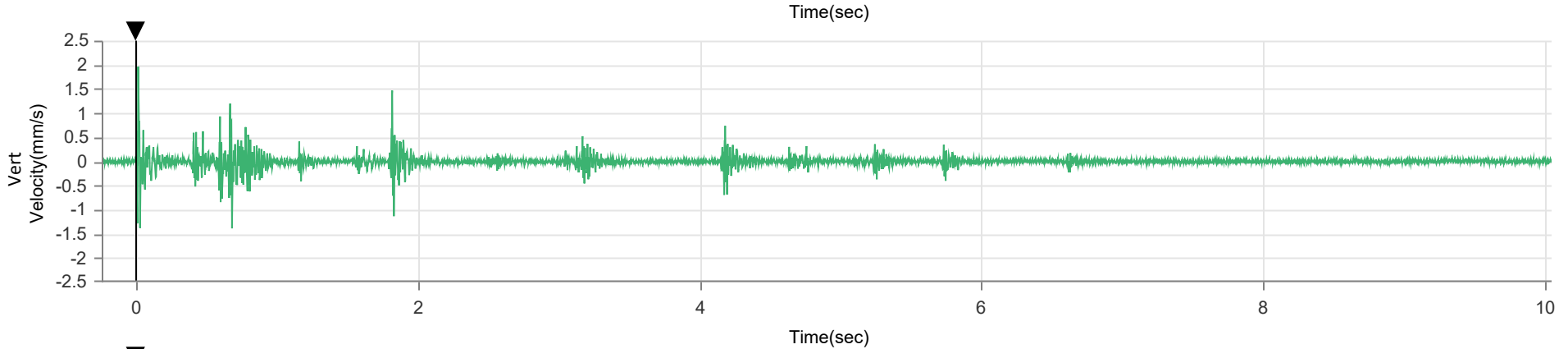


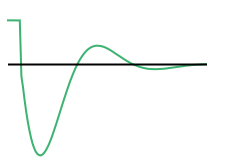
Sensor Check



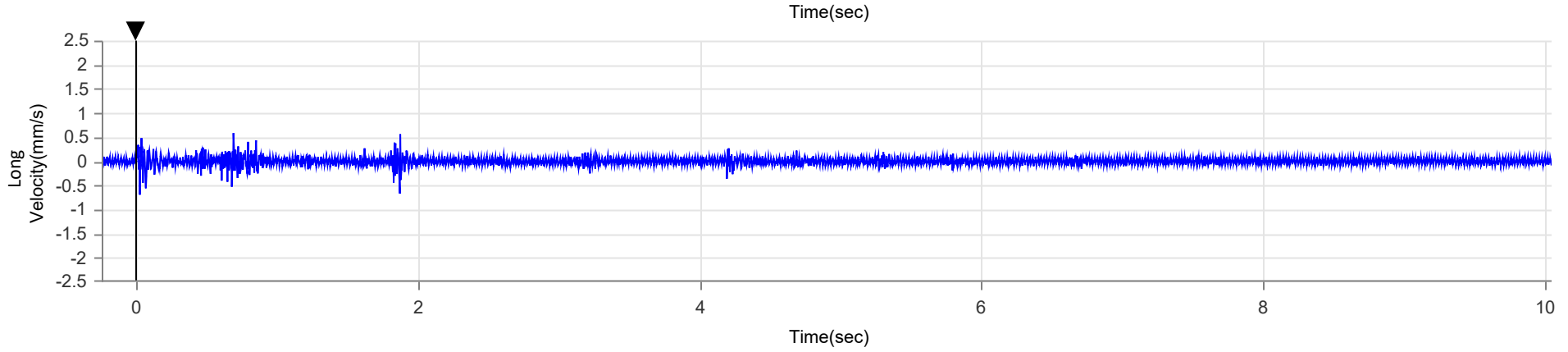


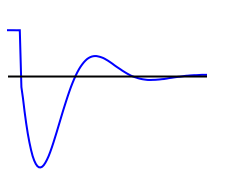
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 2, 2022 17:05:58	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221102170558.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

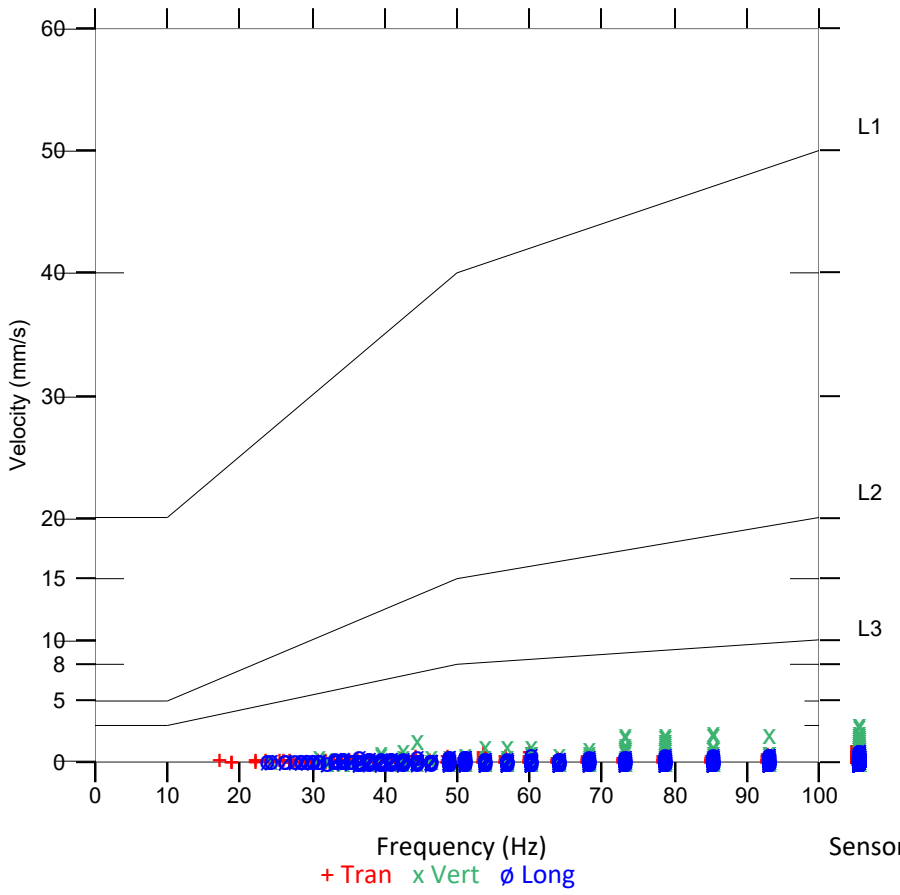
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

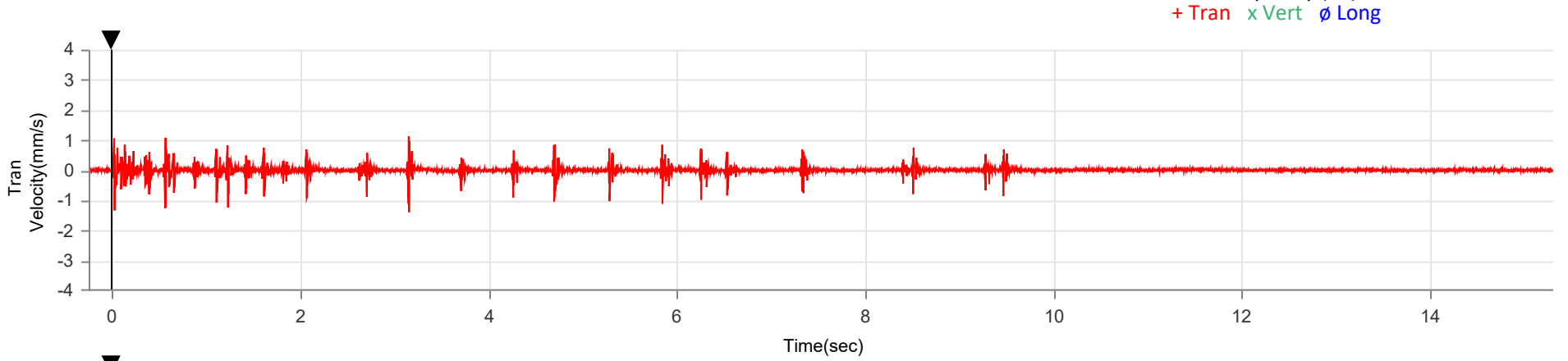
Post Event Notes No text to be displayed.

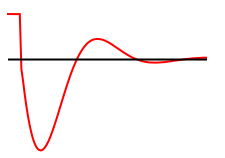
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.387 mm/s	3.105 mm/s	1.025 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	3.155 sec	5.839 sec	5.846 sec
Peak Acceleration	0.151 g	0.263 g	0.076 g
Peak Displacement	0.002 mm	0.005 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	3.125 mm/s at 5.839 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

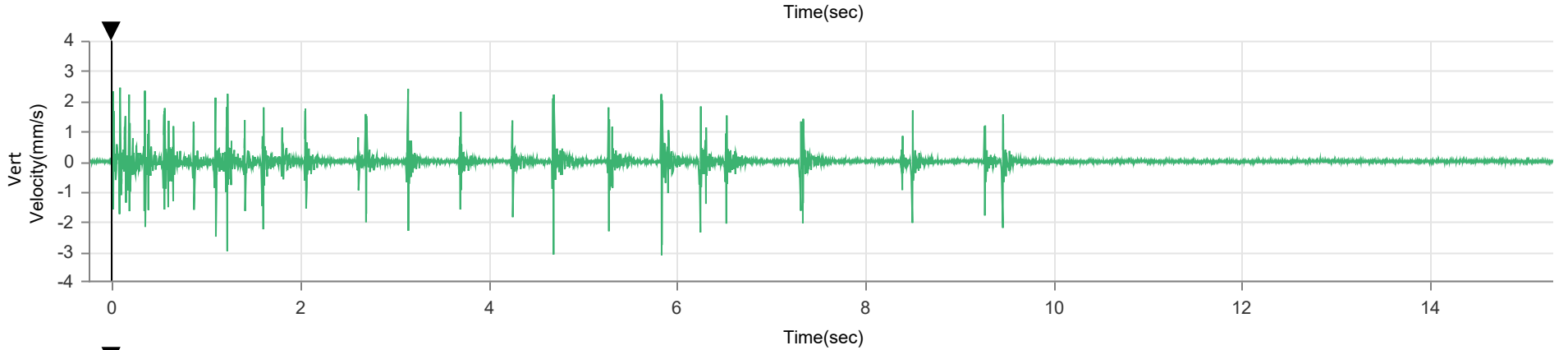


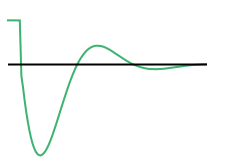
Sensor Check





✓ Passed





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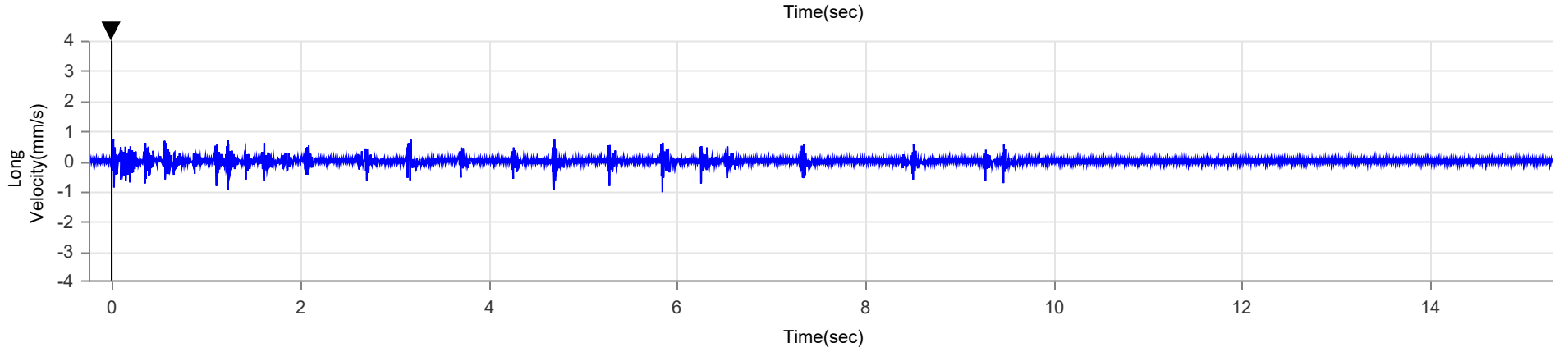
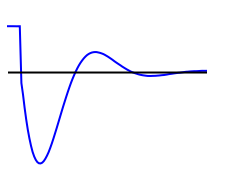




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 00:33:24	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221103003324.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

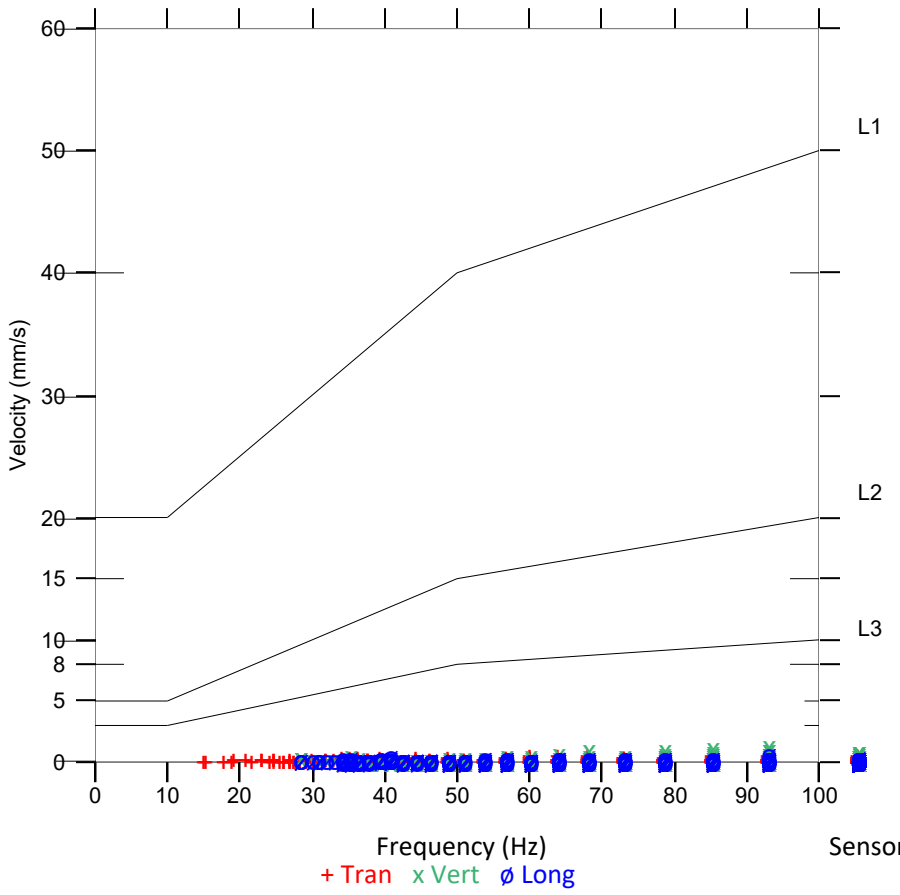
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

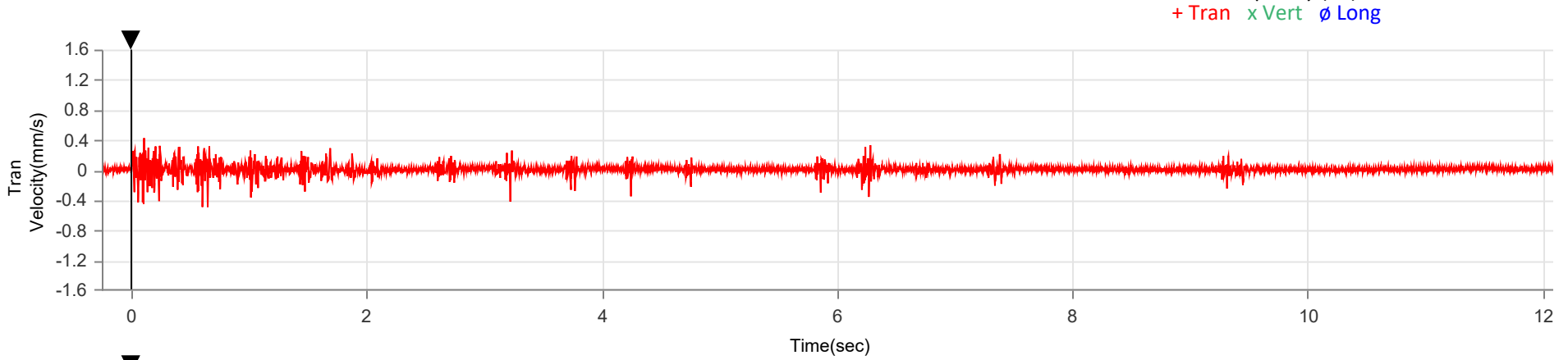
Post Event Notes No text to be displayed.

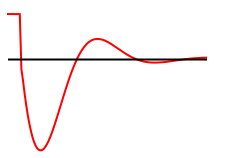
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.489 mm/s	1.230 mm/s	0.591 mm/s
Zero Crossing Frequency	93.1 Hz	93.1 Hz	93.1 Hz
Time (Relative to Trigger)	0.605 sec	0.099 sec	0.606 sec
Peak Acceleration	0.043 g	0.090 g	0.046 g
Peak Displacement	0.001 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.283 mm/s at 0.099 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

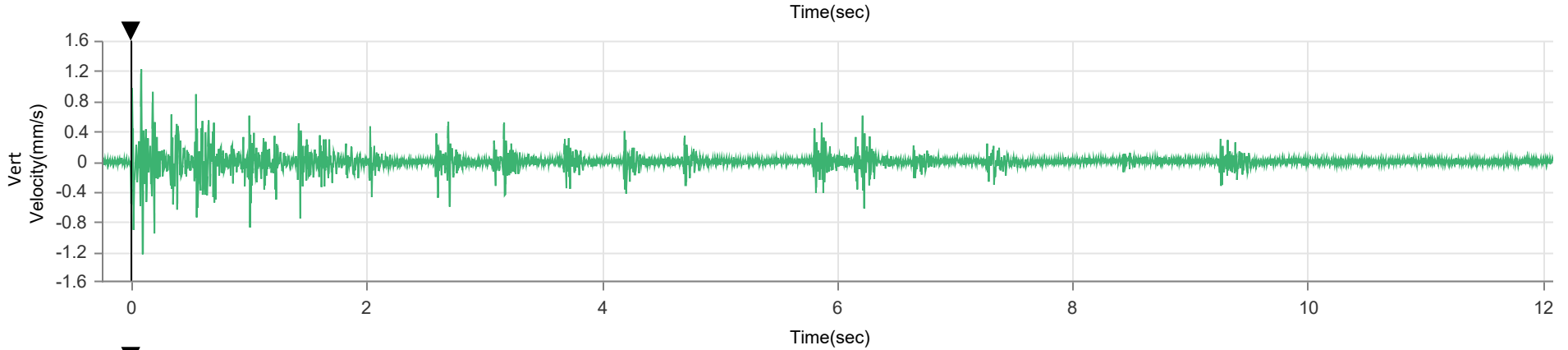


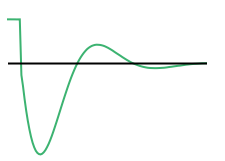
Sensor Check



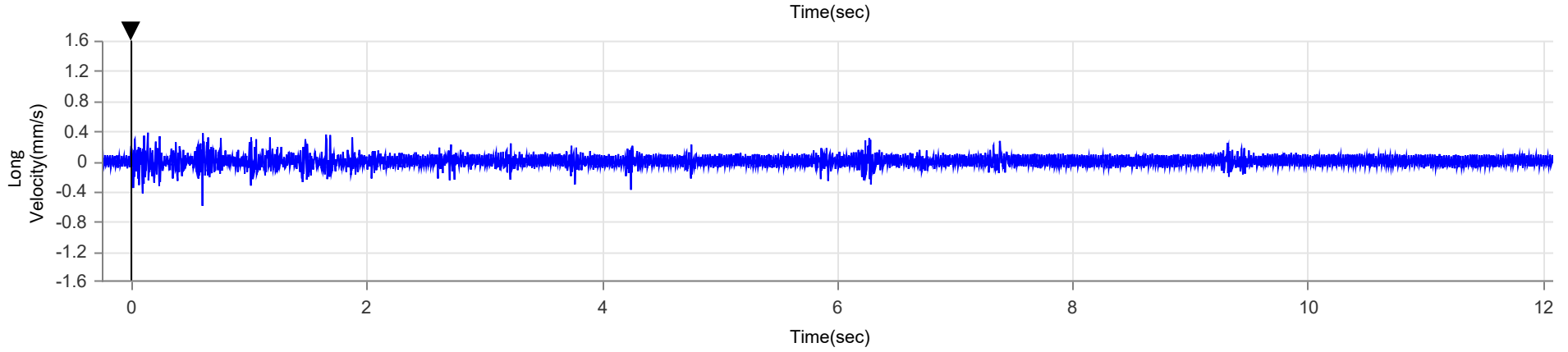


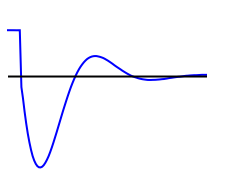
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 03:38:15	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221103033815.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

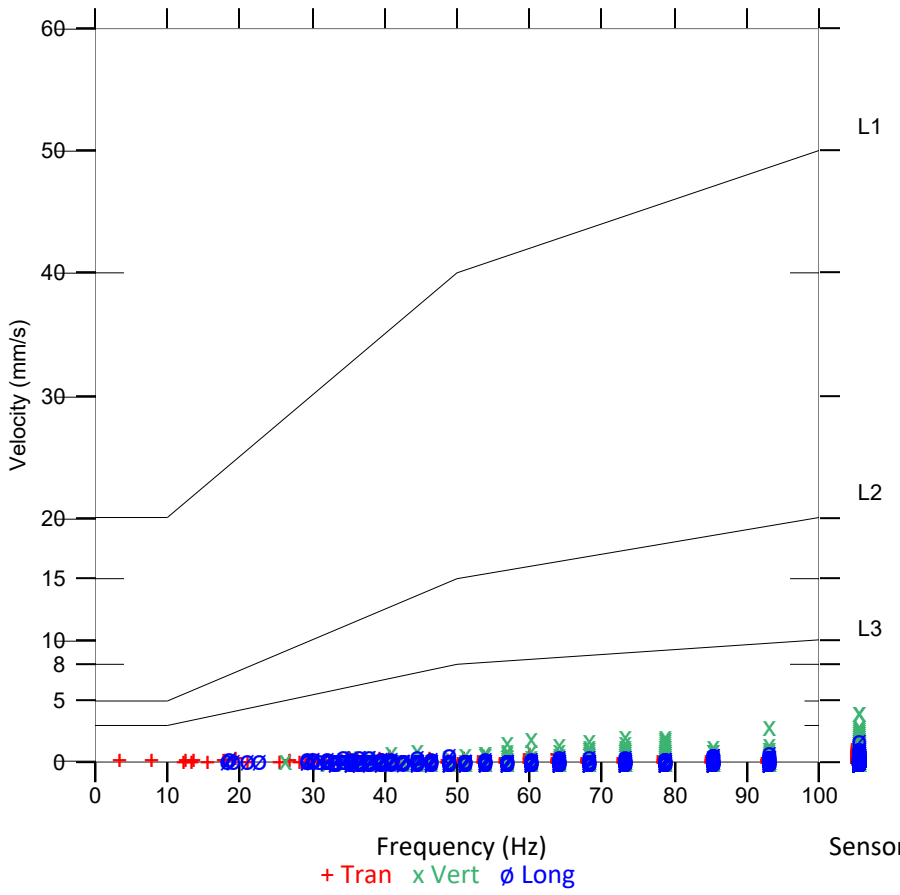
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

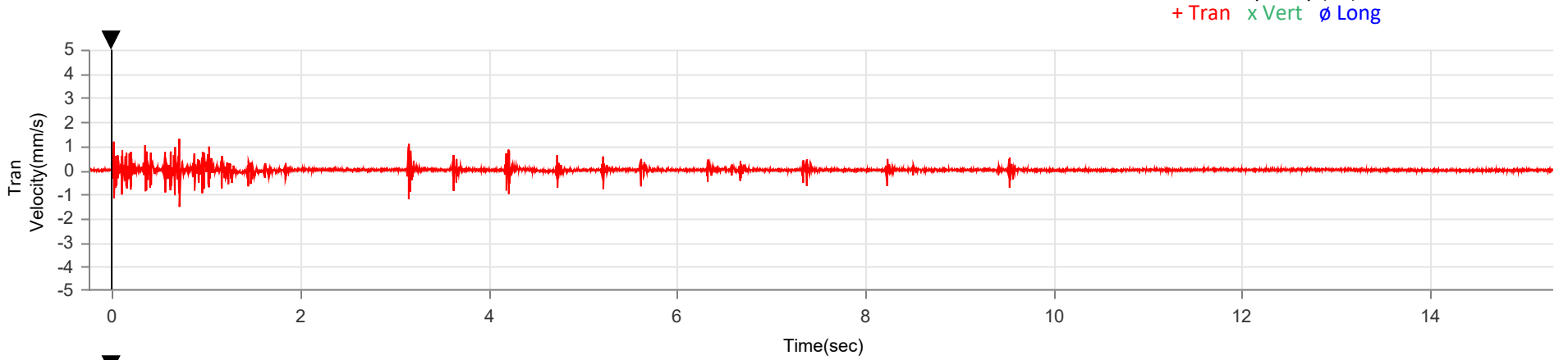
Post Event Notes No text to be displayed.

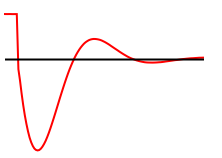
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.521 mm/s	4.114 mm/s	1.758 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.716 sec	0.014 sec	0.021 sec
Peak Acceleration	0.165 g	0.382 g	0.130 g
Peak Displacement	0.004 mm	0.006 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.198 mm/s at 0.018 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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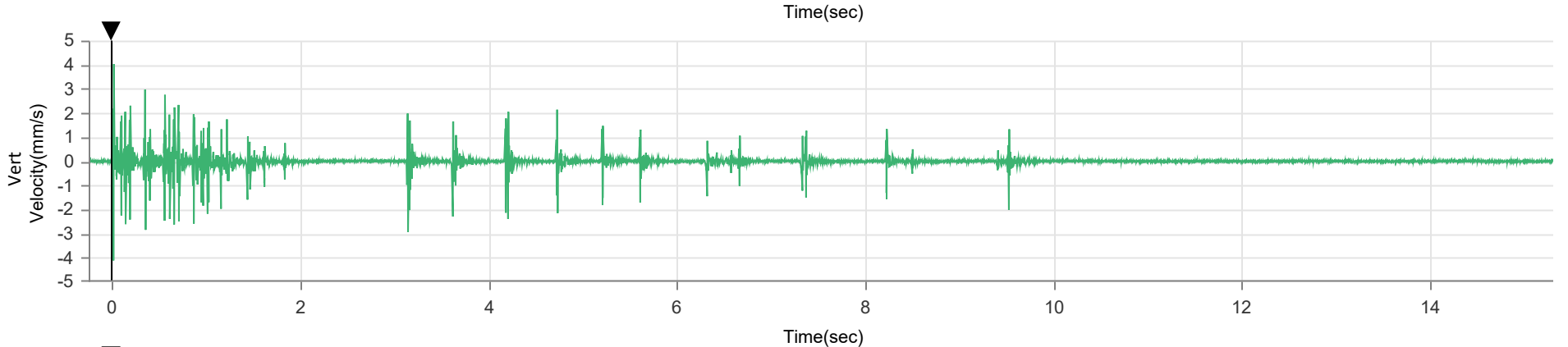

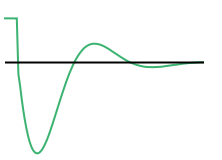

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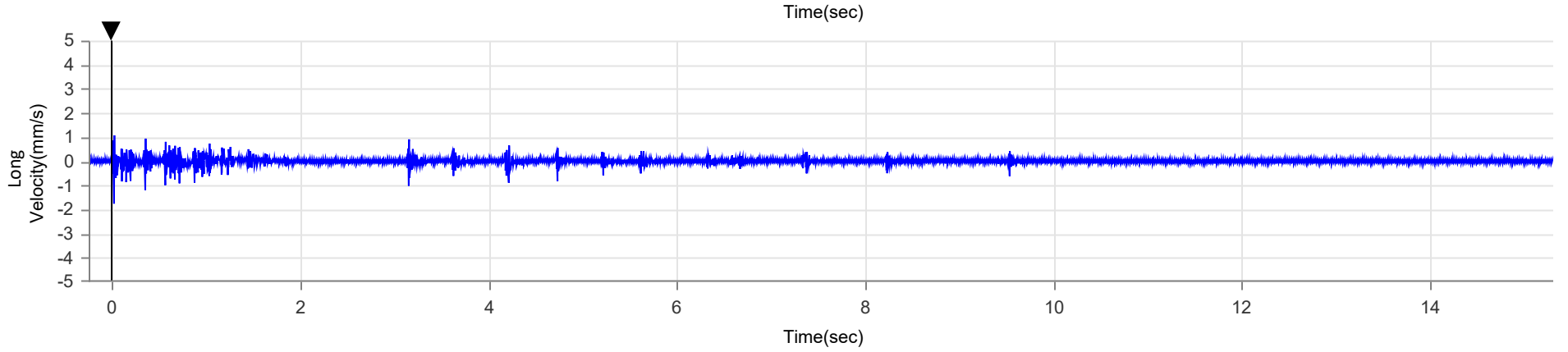
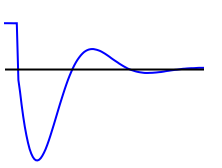




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 10:47:14	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221103104714.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

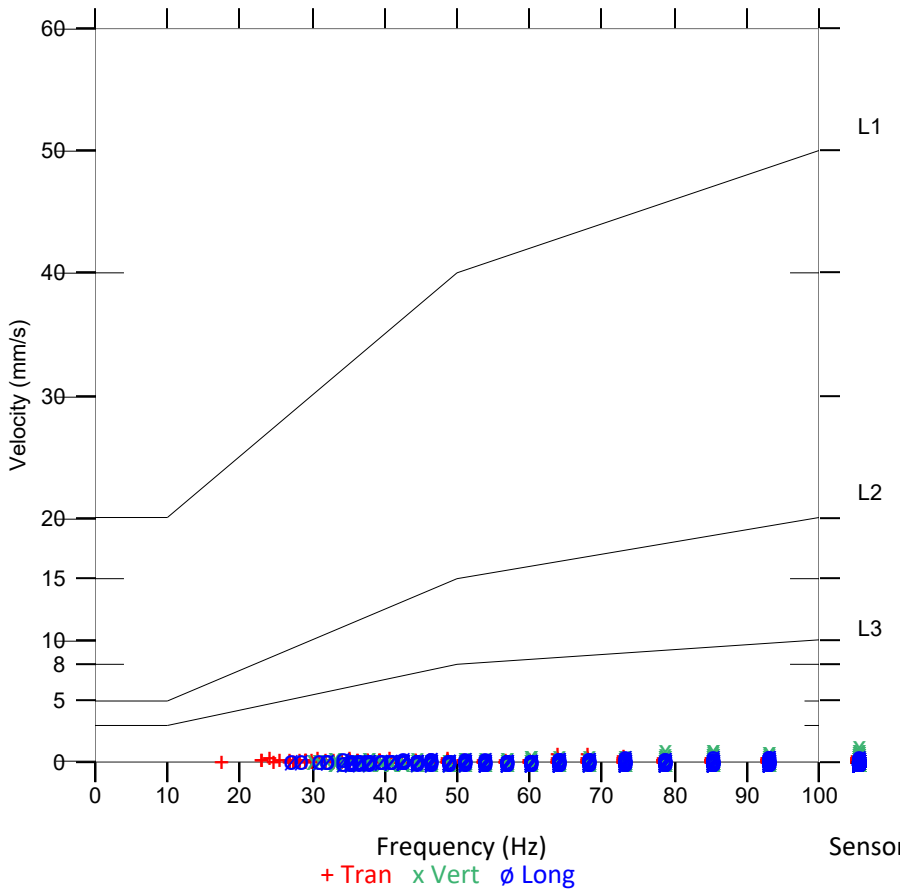
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

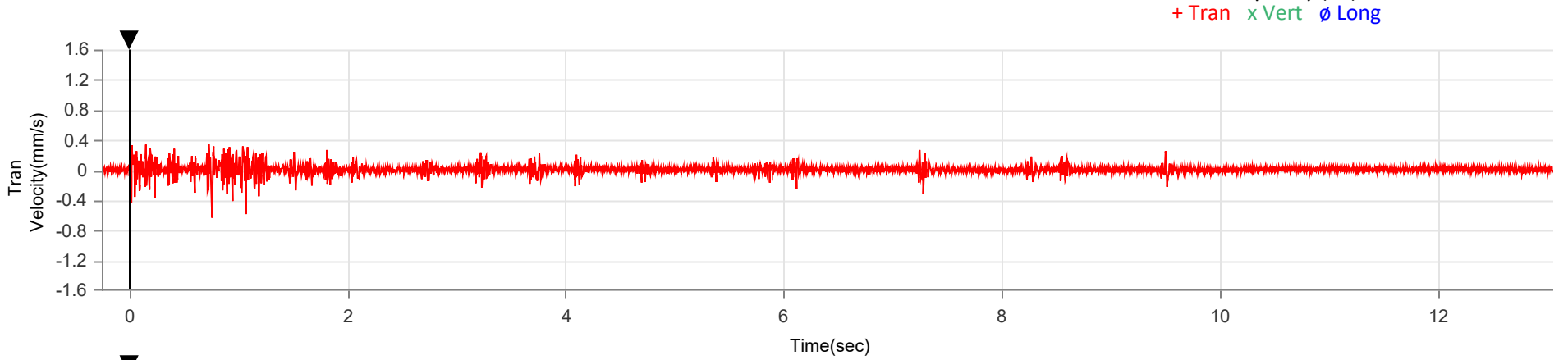
Post Event Notes No text to be displayed.

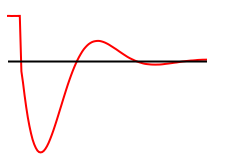
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.631 mm/s	1.356 mm/s	0.536 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.761 sec	0.016 sec	1.076 sec
Peak Acceleration	0.044 g	0.097 g	0.039 g
Peak Displacement	0.002 mm	0.002 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.377 mm/s at 0.016 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

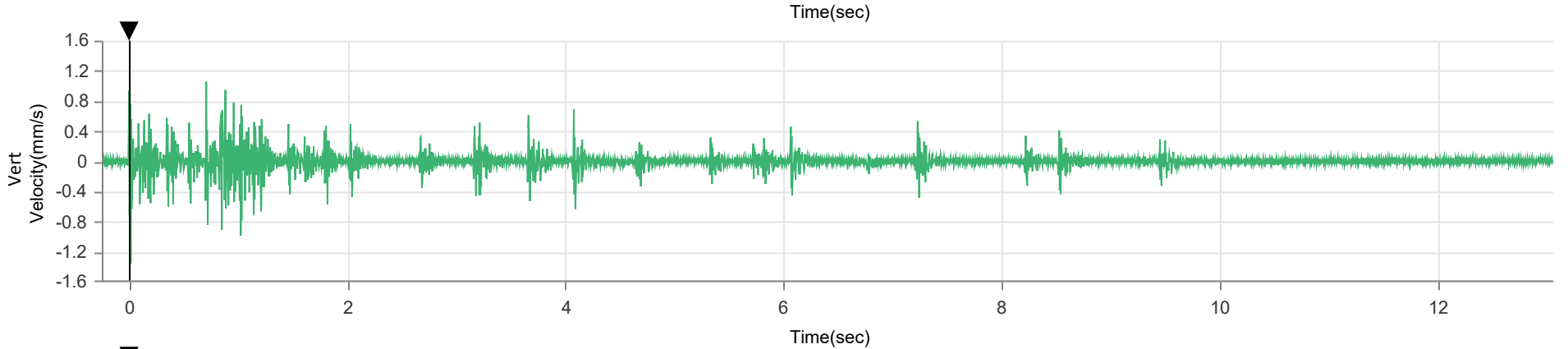


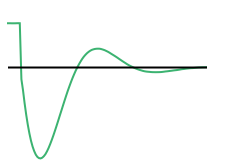
Sensor Check





✓ Passed





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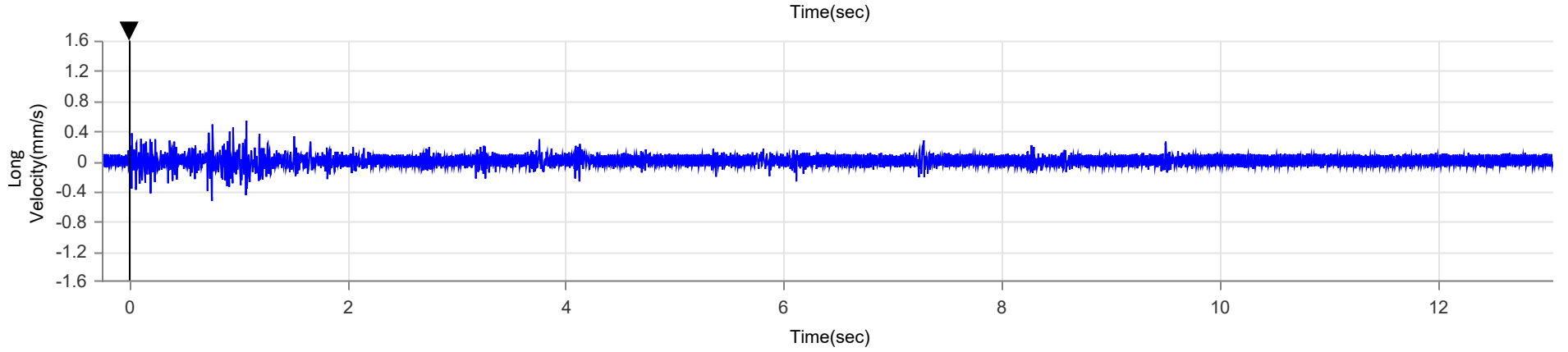
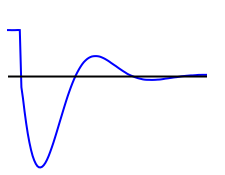




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 16:05:39	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221103160539.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

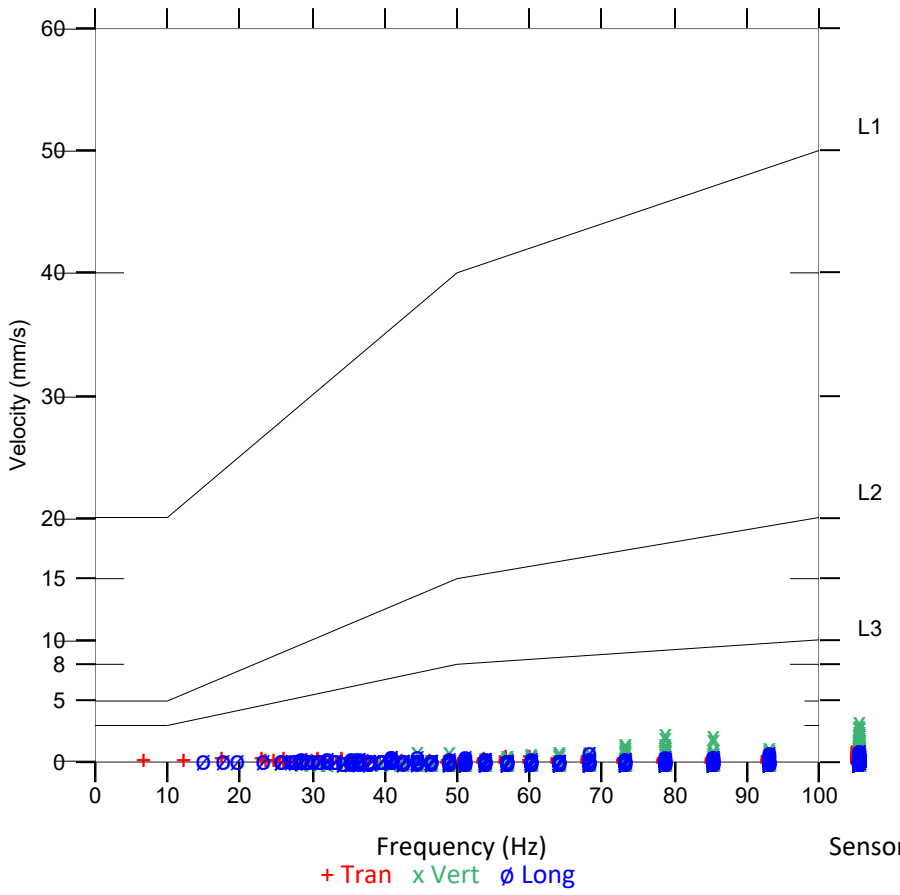
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

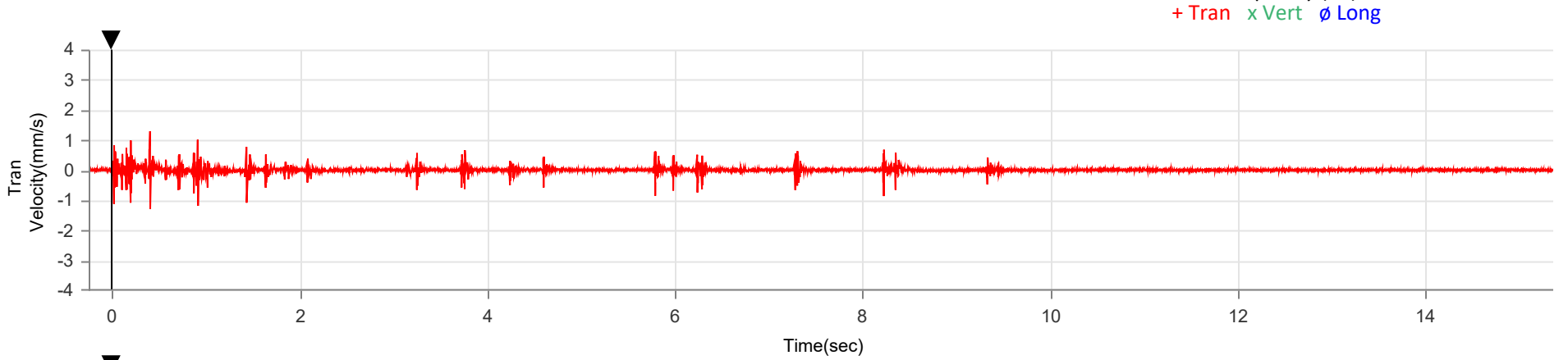
Post Event Notes No text to be displayed.

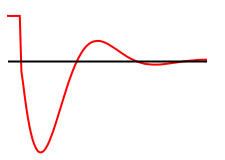
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.293 mm/s	3.192 mm/s	1.048 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.404 sec	0.397 sec	0.916 sec
Peak Acceleration	0.140 g	0.291 g	0.090 g
Peak Displacement	0.002 mm	0.004 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	3.195 mm/s at 0.397 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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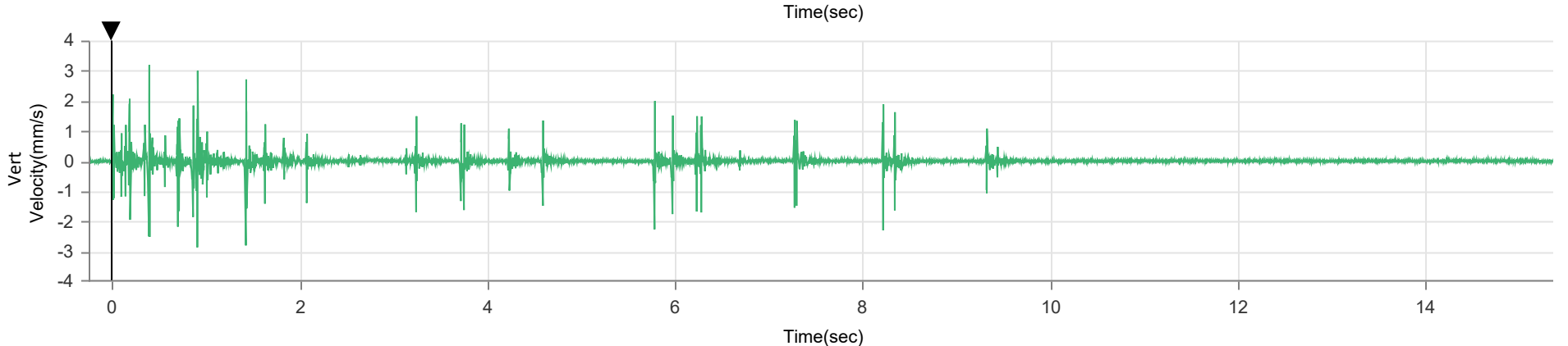

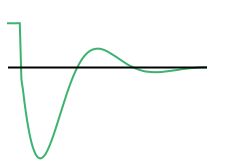

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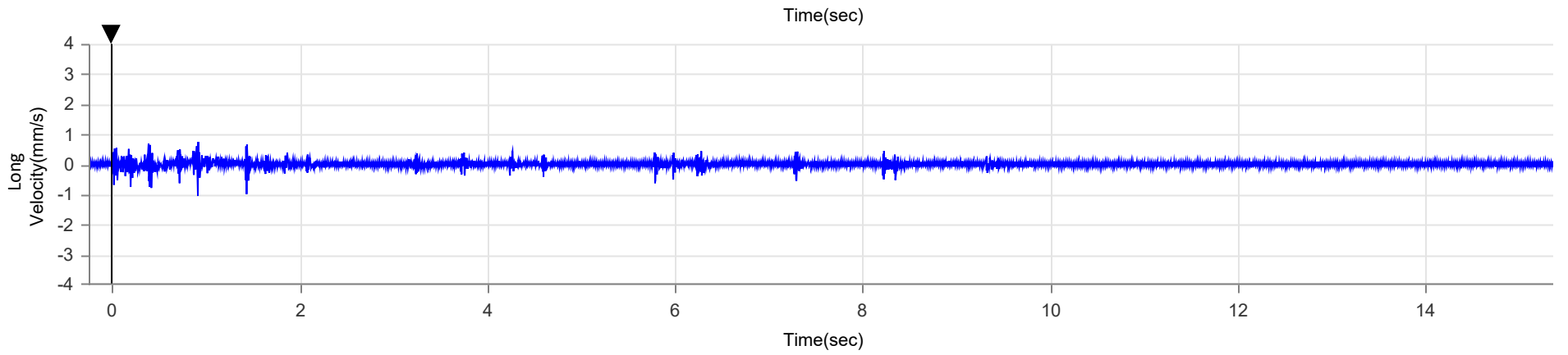
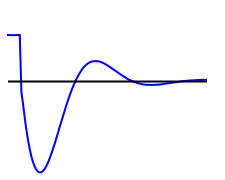




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 3, 2022 21:54:34	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221103215434.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

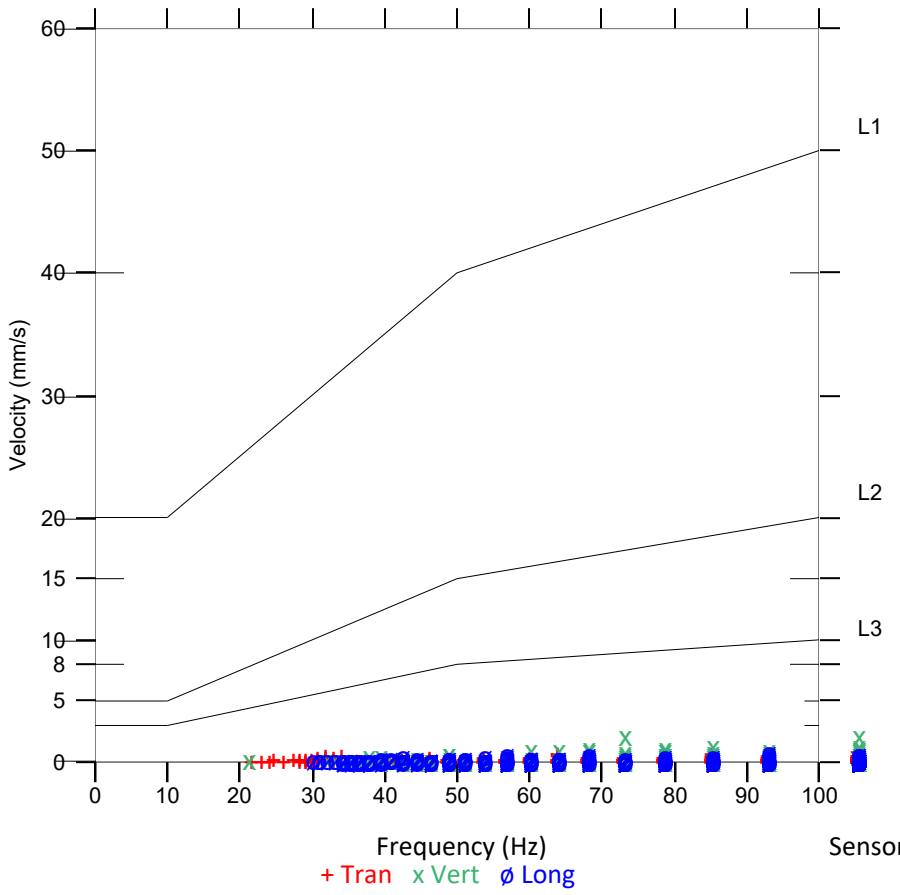
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

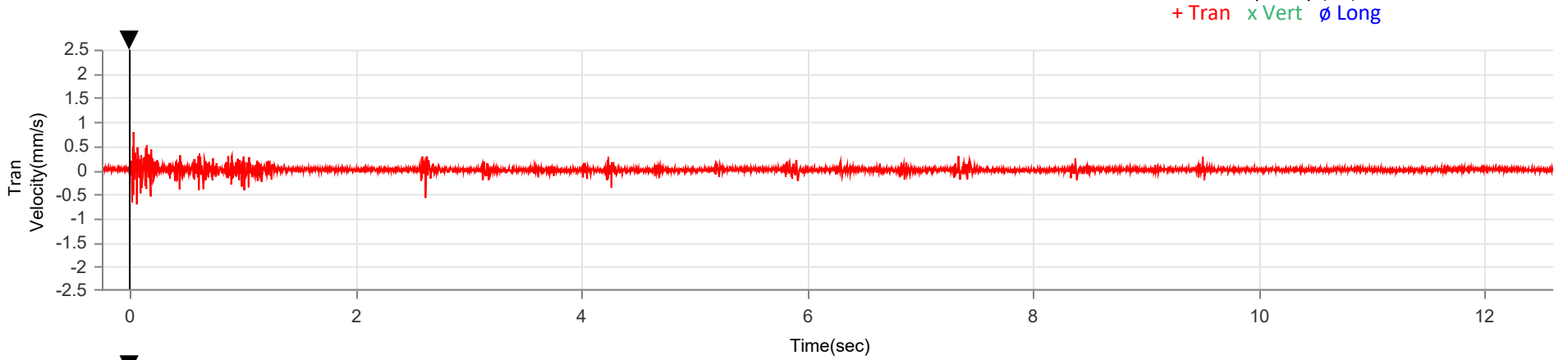
Post Event Notes No text to be displayed.

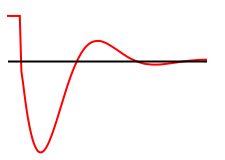
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.788 mm/s	2.112 mm/s	0.772 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	93.1 Hz
Time (Relative to Trigger)	0.033 sec	0.022 sec	0.021 sec
Peak Acceleration	0.063 g	0.138 g	0.058 g
Peak Displacement	0.002 mm	0.004 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	2.215 mm/s at 0.022 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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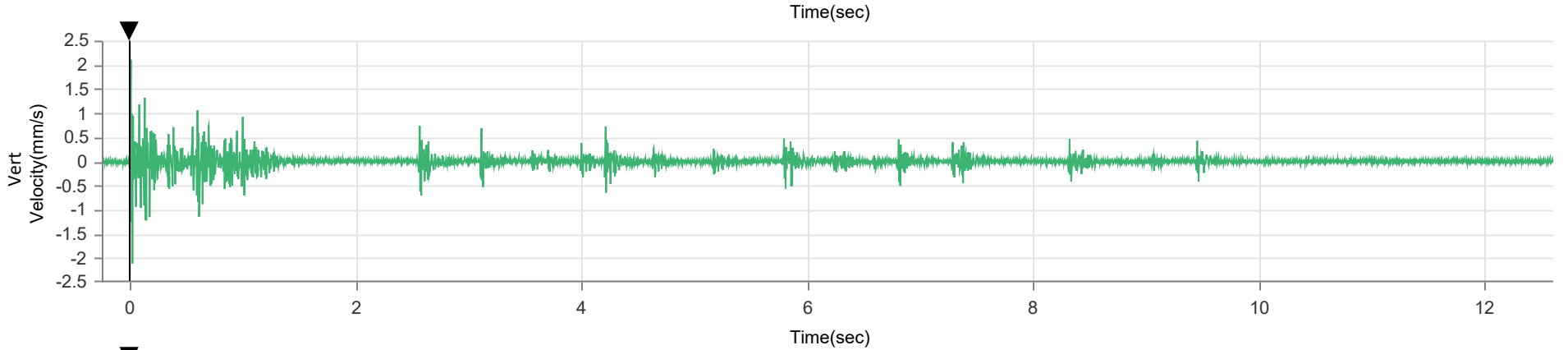

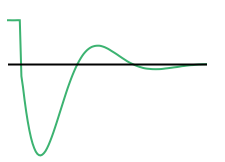

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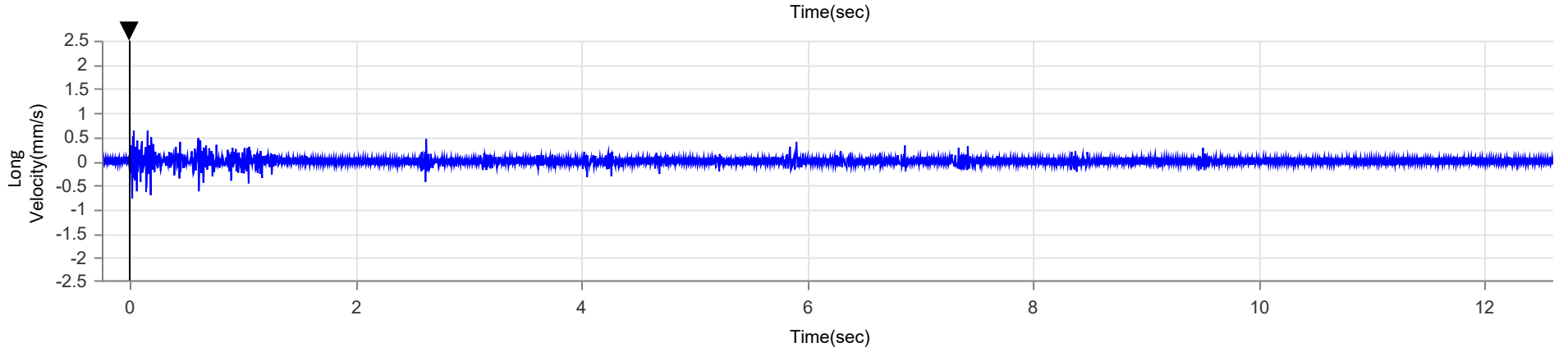

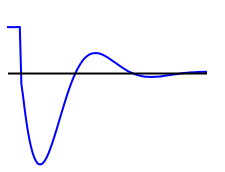

✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 01:20:19	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221104012019.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

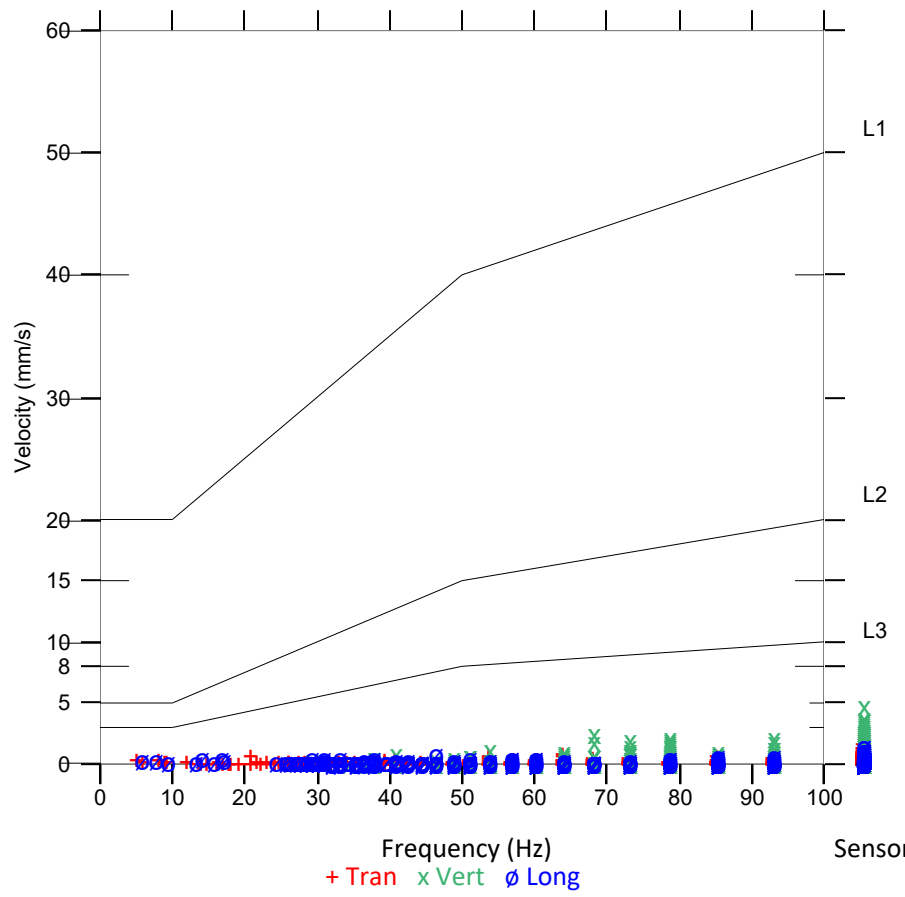
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

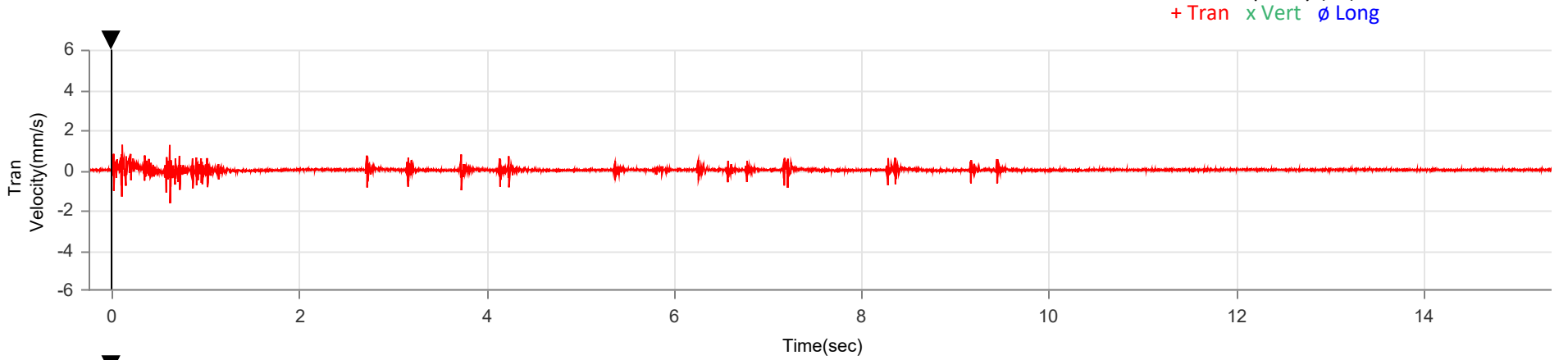
Post Event Notes No text to be displayed.

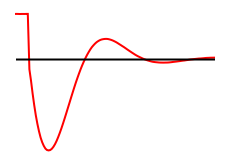
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.647 mm/s	4.792 mm/s	1.474 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.621 sec	0.099 sec	0.106 sec
Peak Acceleration	0.163 g	0.410 g	0.118 g
Peak Displacement	0.006 mm	0.006 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.805 mm/s at 0.099 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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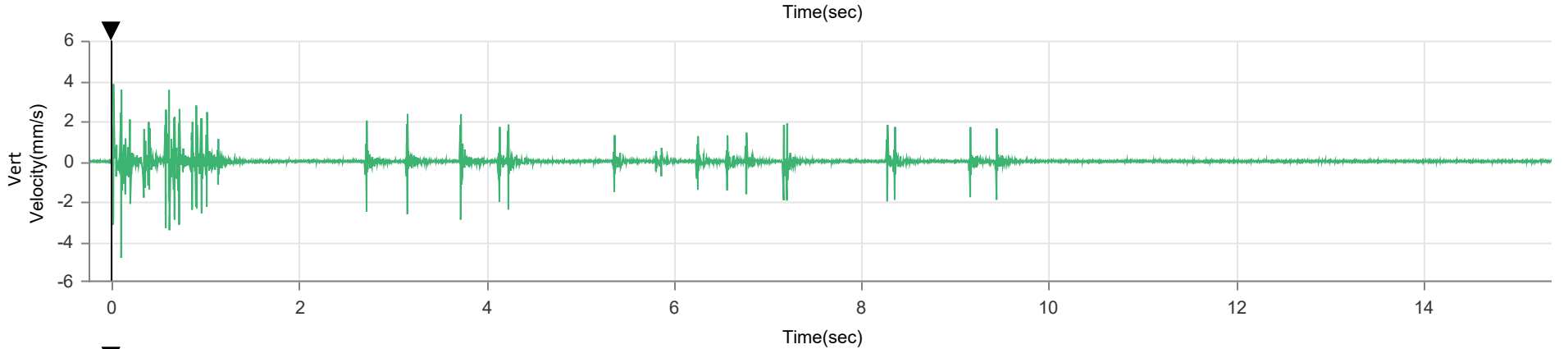

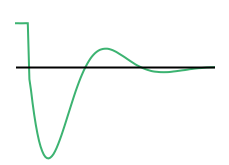

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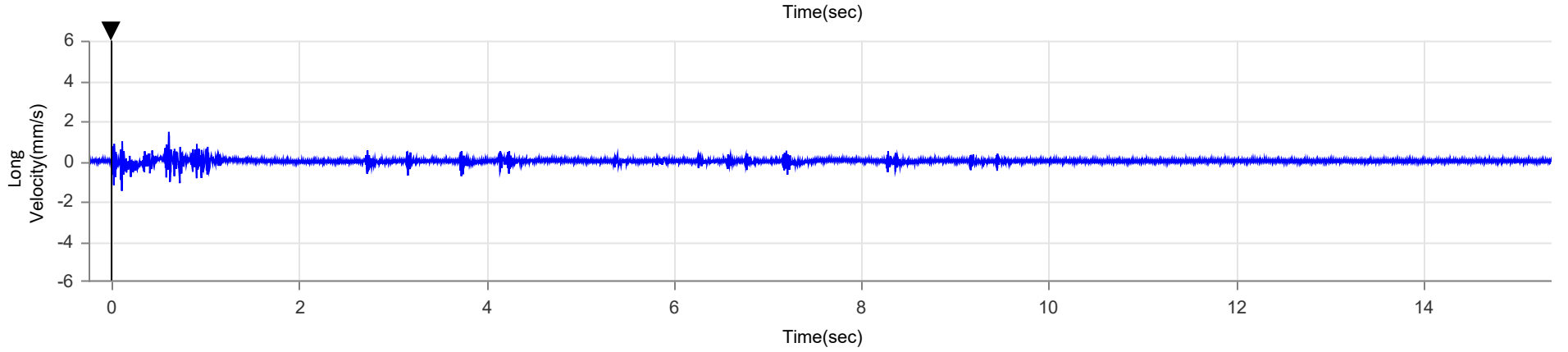

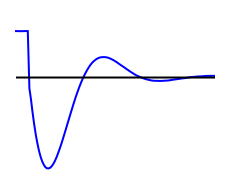

✓ Passed

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Waveform Trigger Source	Vert at November 4, 2022 06:23:24	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221104062324.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

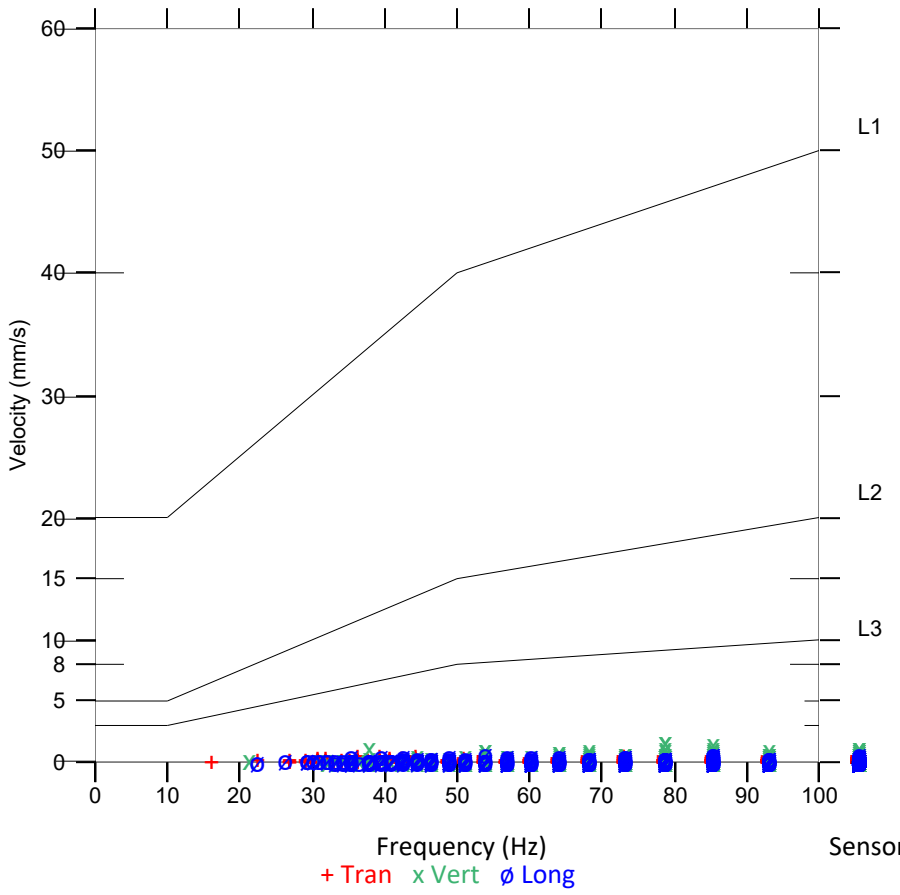
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

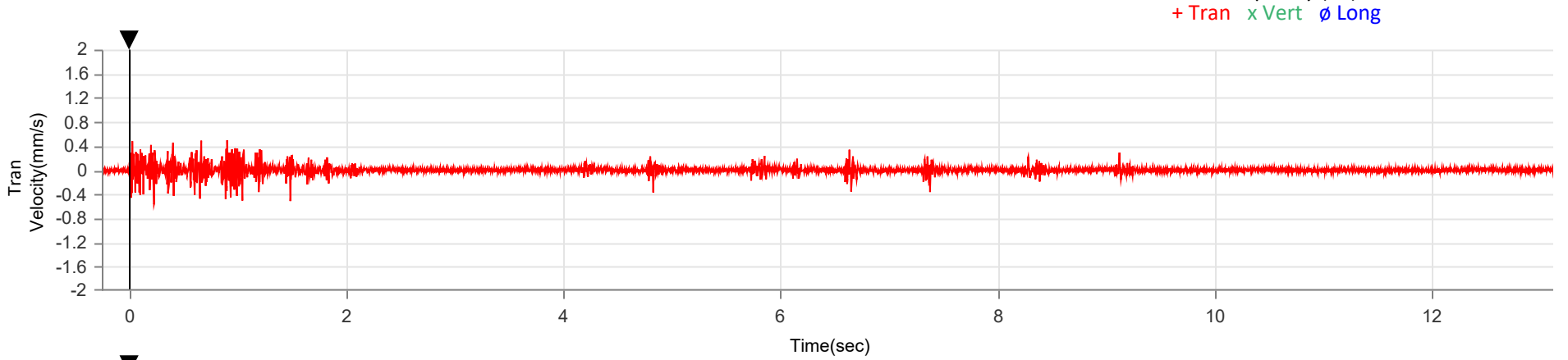
Post Event Notes No text to be displayed.

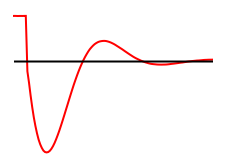
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.567 mm/s	1.616 mm/s	0.654 mm/s
Zero Crossing Frequency	73.1 Hz	78.8 Hz	85.3 Hz
Time (Relative to Trigger)	0.232 sec	0.084 sec	0.943 sec
Peak Acceleration	0.041 g	0.105 g	0.046 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.673 mm/s at 0.084 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

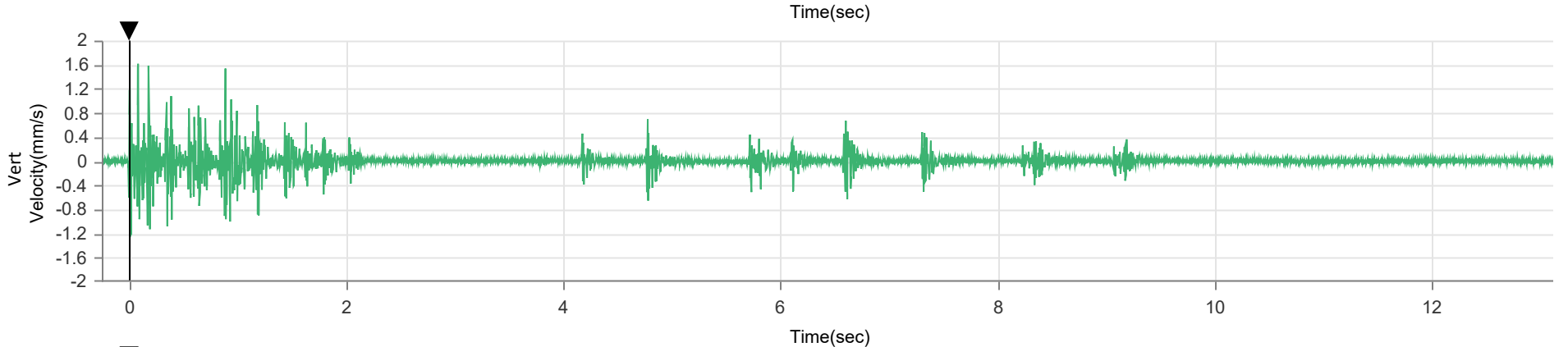


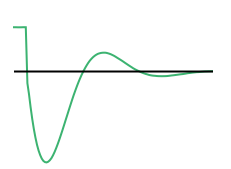
Sensor Check



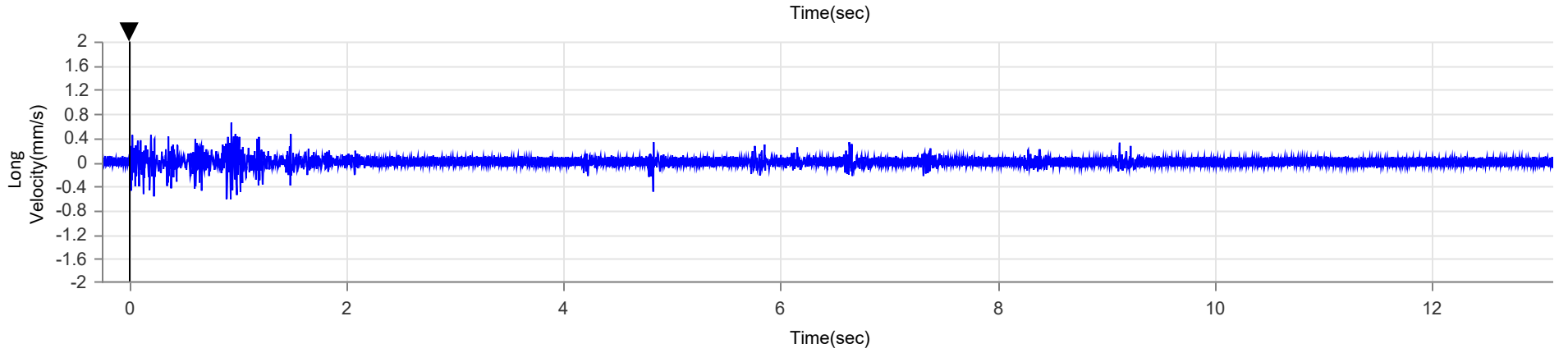


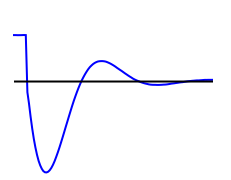
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 13:26:16	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221104132616.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

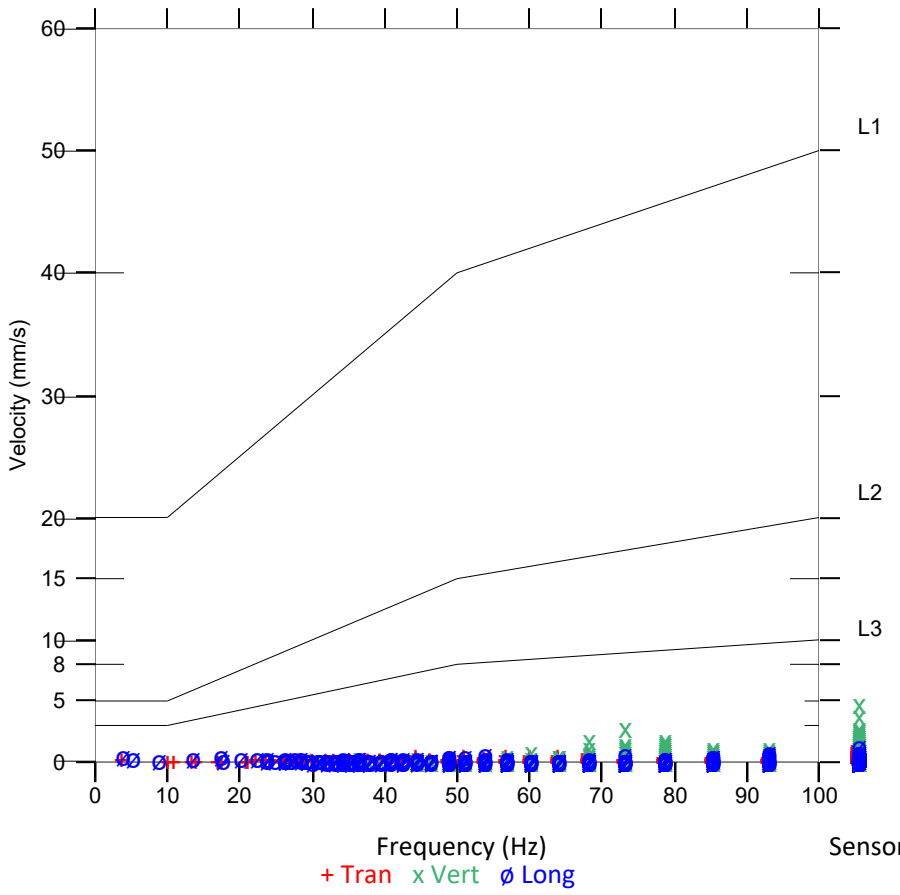
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

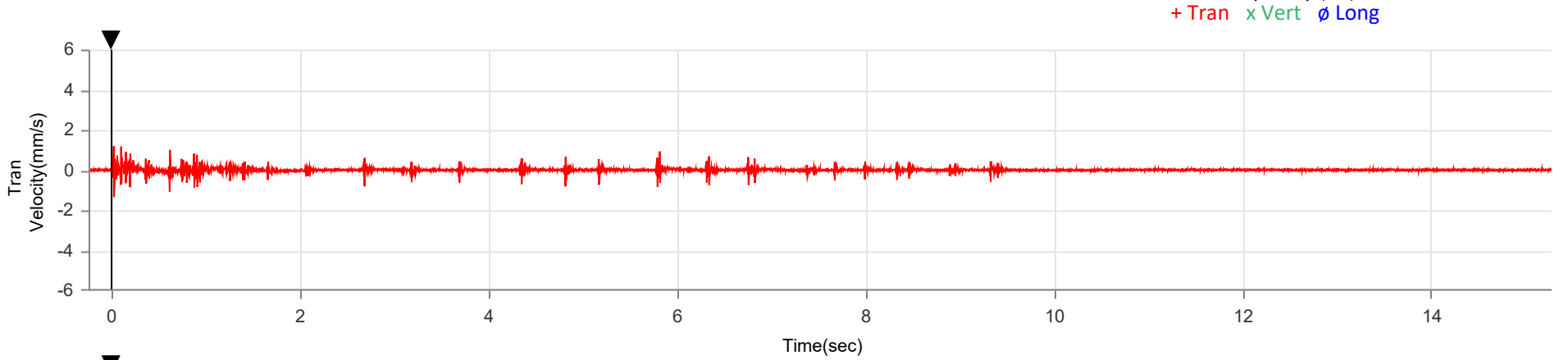
Post Event Notes No text to be displayed.

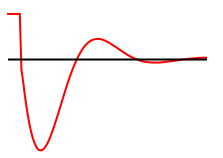
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.332 mm/s	4.674 mm/s	1.379 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.021 sec	0.014 sec	0.020 sec
Peak Acceleration	0.151 g	0.433 g	0.117 g
Peak Displacement	0.003 mm	0.006 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.724 mm/s at 0.014 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

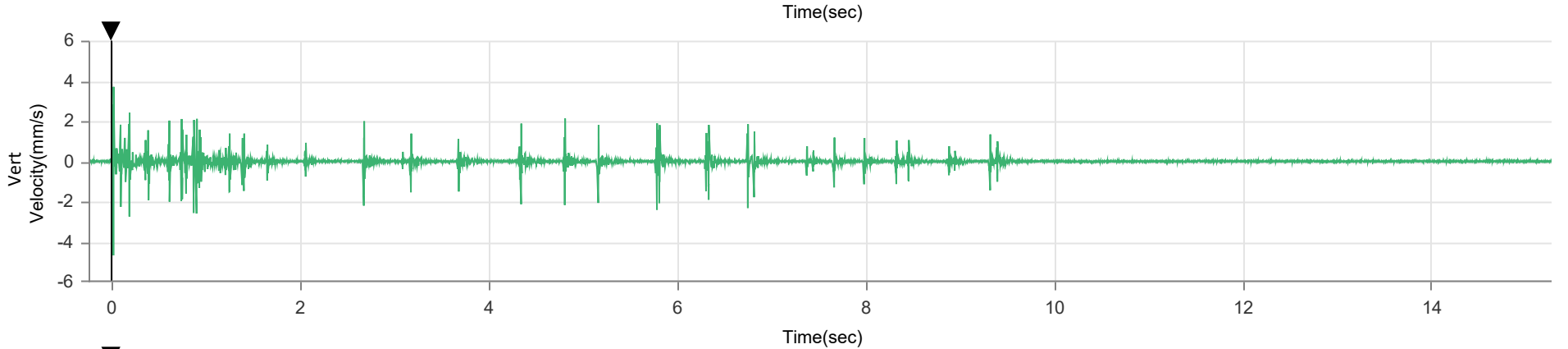


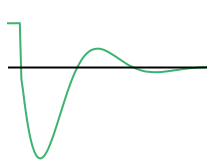
Sensor Check



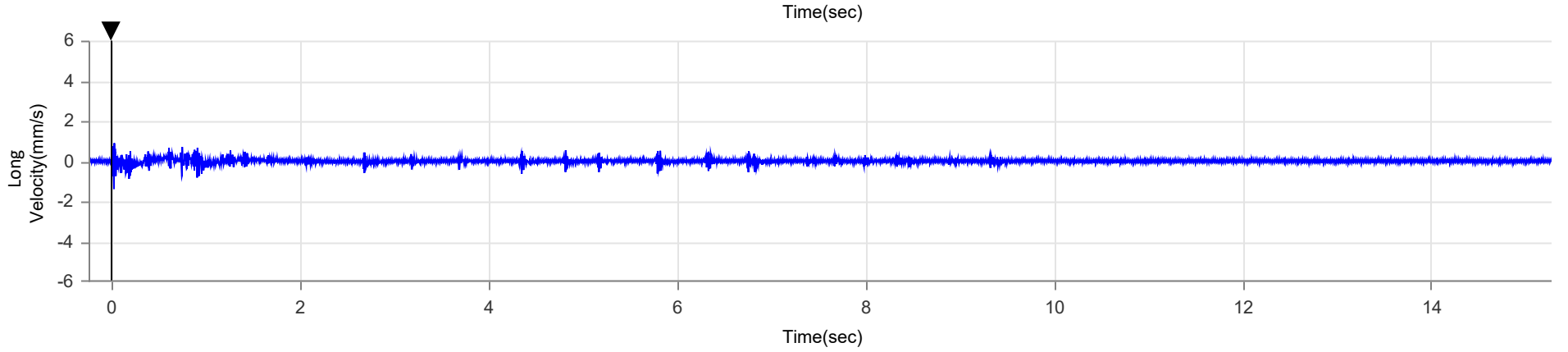


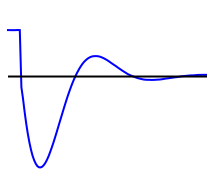
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 17:32:44	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221104173244.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

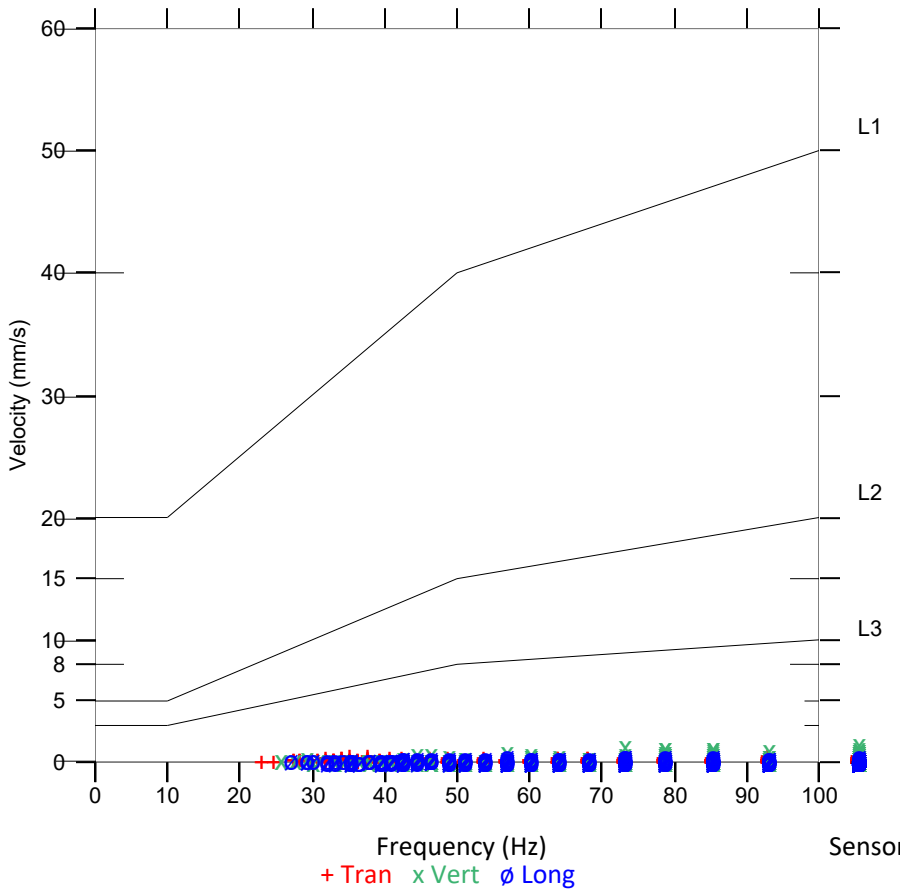
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

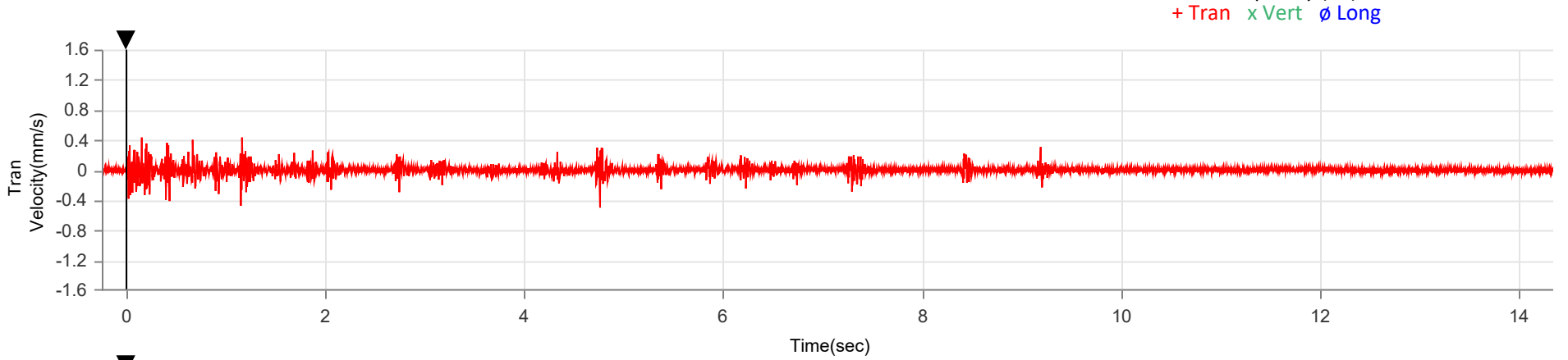
Post Event Notes No text to be displayed.

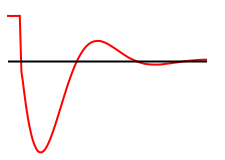
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.497 mm/s	1.450 mm/s	0.520 mm/s
Zero Crossing Frequency	35.3 Hz	>100 Hz	78.8 Hz
Time (Relative to Trigger)	4.762 sec	0.020 sec	1.149 sec
Peak Acceleration	0.036 g	0.095 g	0.038 g
Peak Displacement	0.002 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.510 mm/s at 0.020 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

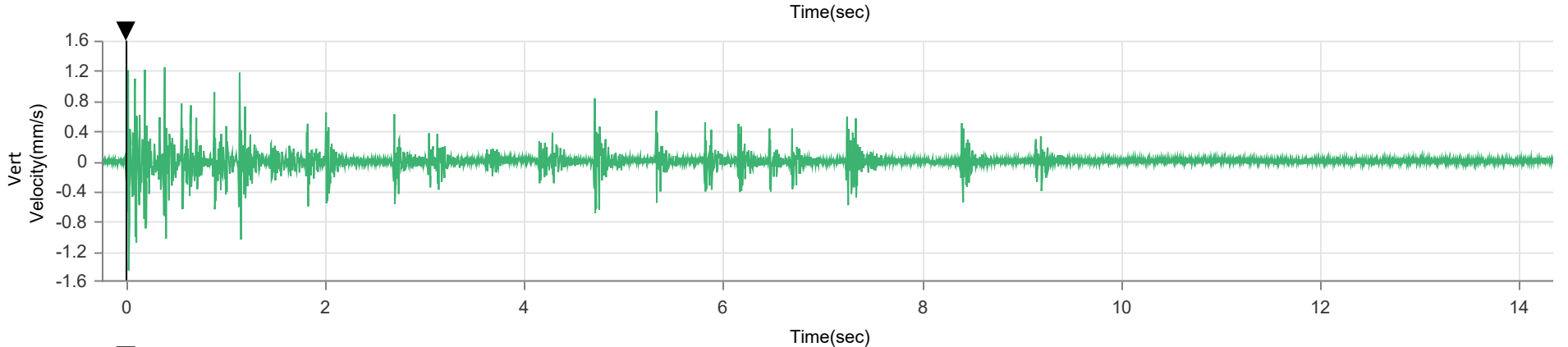


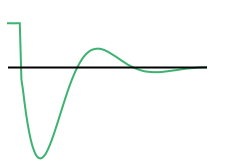
Sensor Check



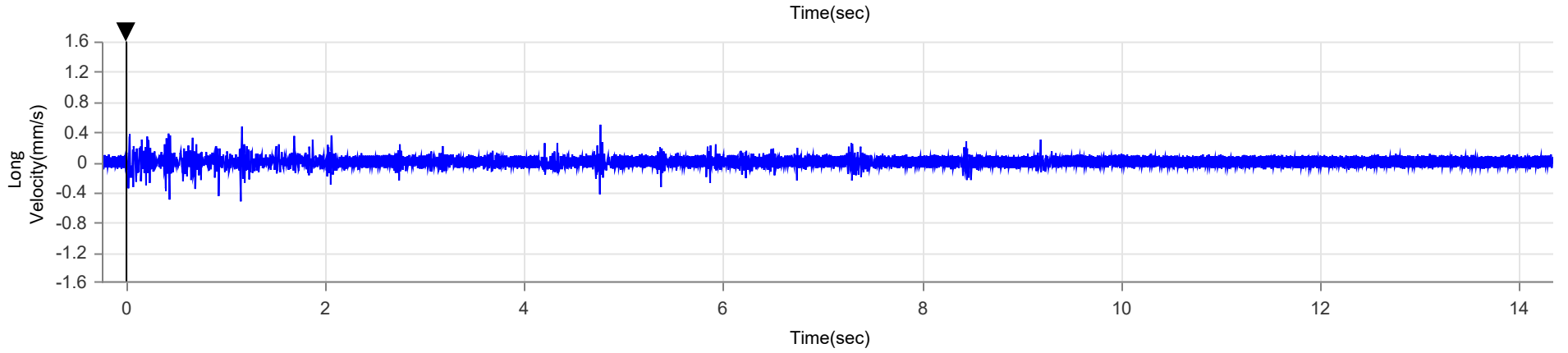


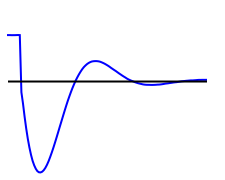
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 4, 2022 20:37:50	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221104203750.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

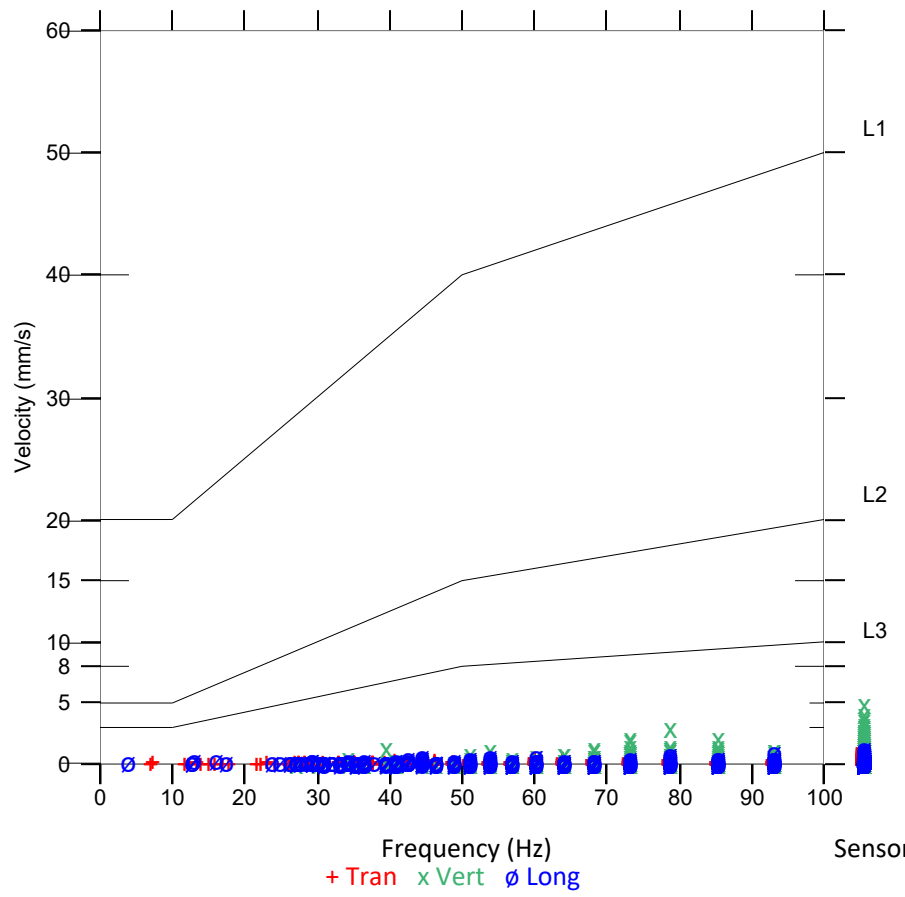
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

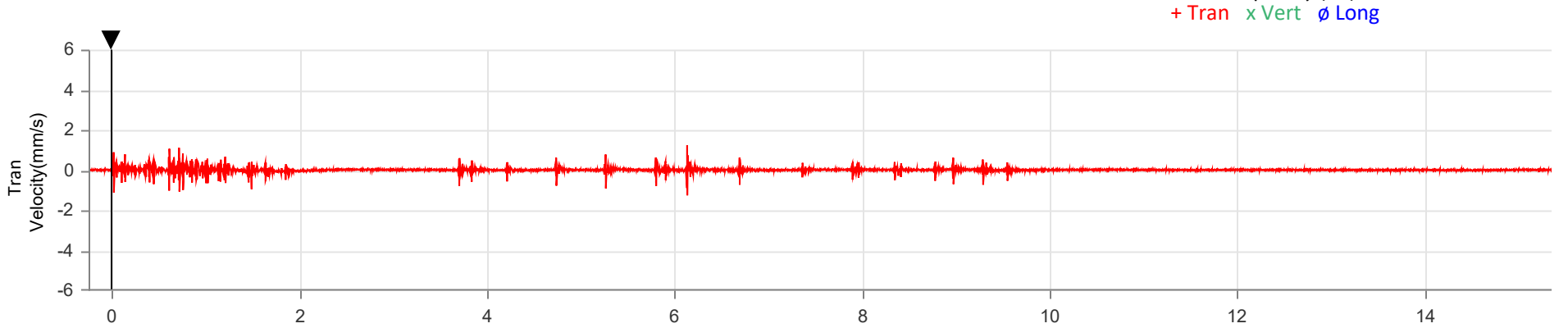
Post Event Notes No text to be displayed.

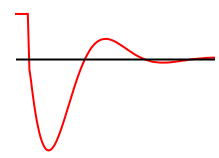
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.253 mm/s	4.863 mm/s	1.356 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	6.136 sec	6.129 sec	6.136 sec
Peak Acceleration	0.135 g	0.416 g	0.100 g
Peak Displacement	0.002 mm	0.005 mm	0.008 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.895 mm/s at 6.129 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

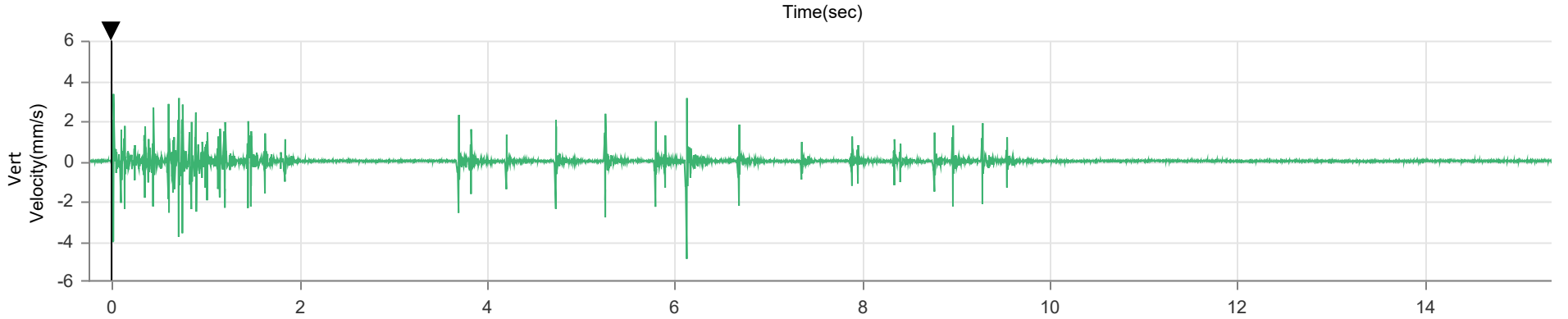


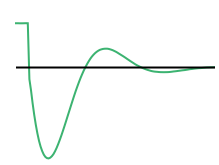
Sensor Check





✓ Passed





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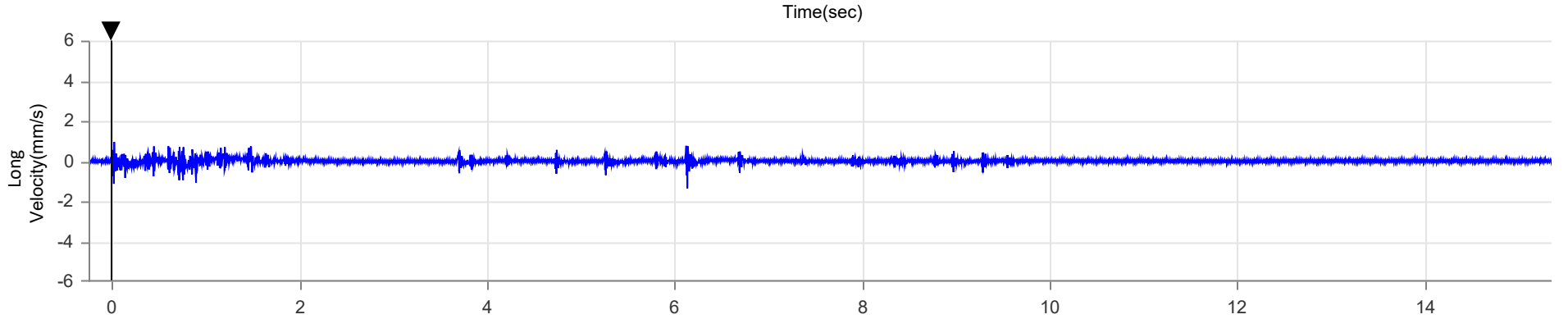
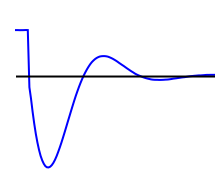




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 02:42:21	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221105024221.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

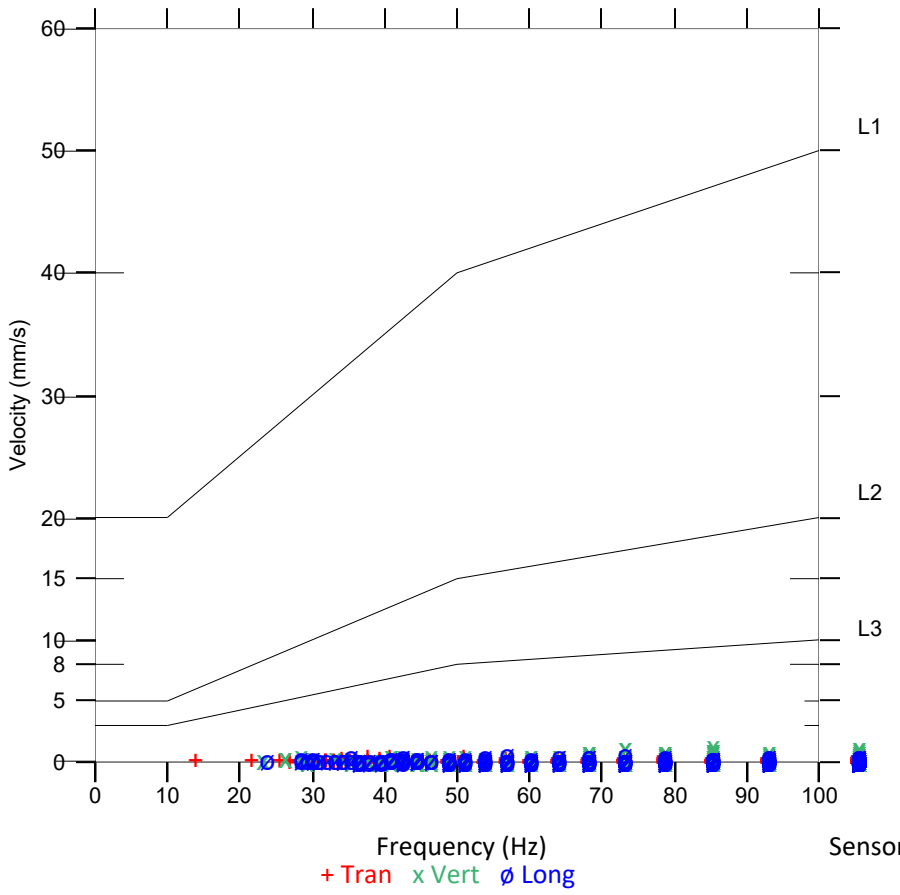
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

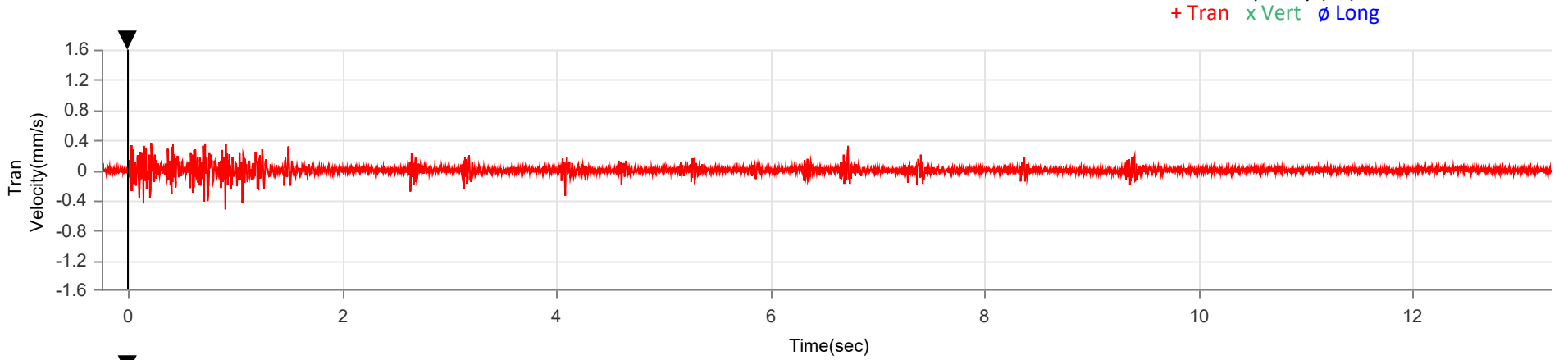
Post Event Notes No text to be displayed.

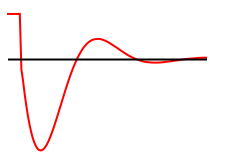
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.520 mm/s	1.237 mm/s	0.638 mm/s
Zero Crossing Frequency	>100 Hz	85.3 Hz	73.1 Hz
Time (Relative to Trigger)	0.906 sec	0.392 sec	0.140 sec
Peak Acceleration	0.036 g	0.089 g	0.038 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.242 mm/s at 0.393 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

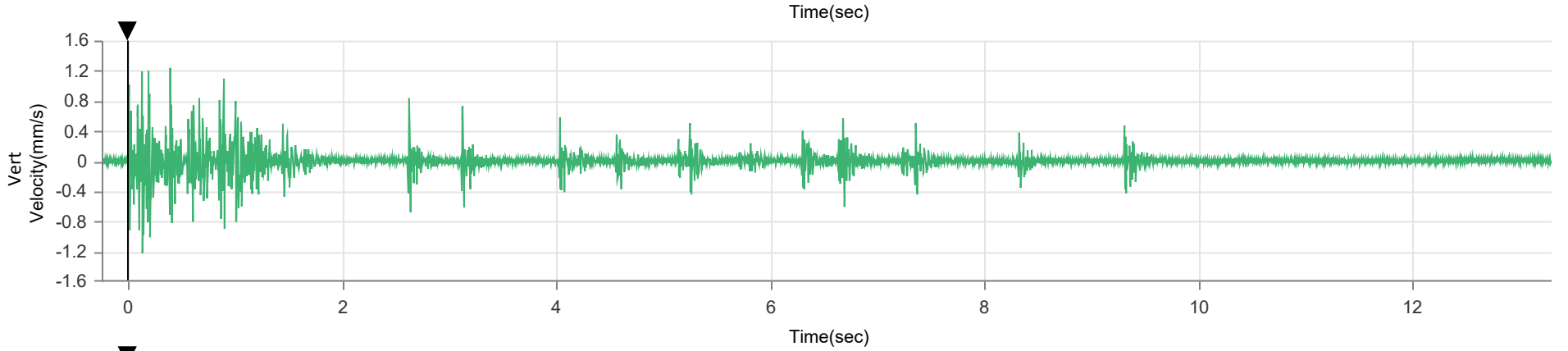


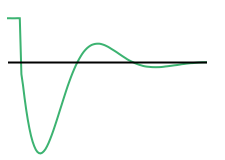
Sensor Check





✓ Passed





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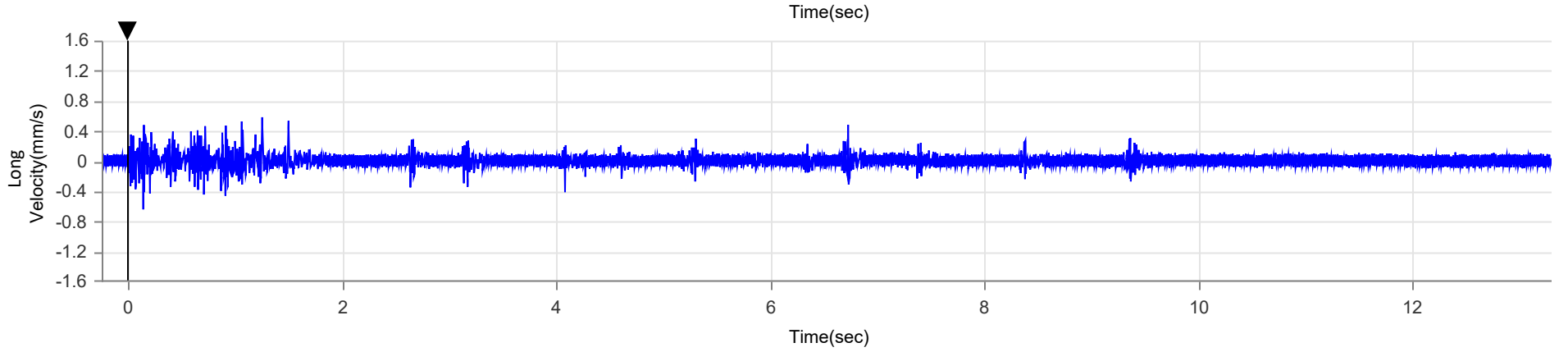
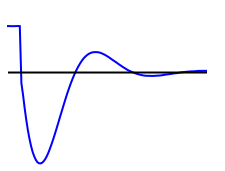




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 04:49:00	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221105044900.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

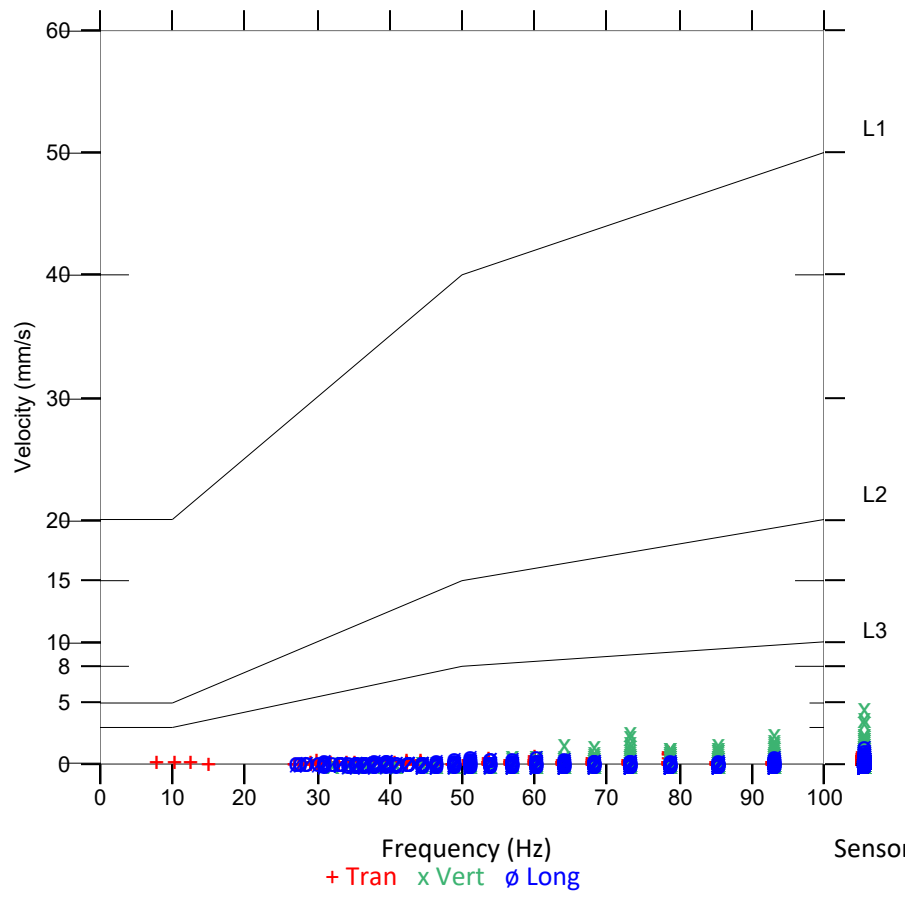
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

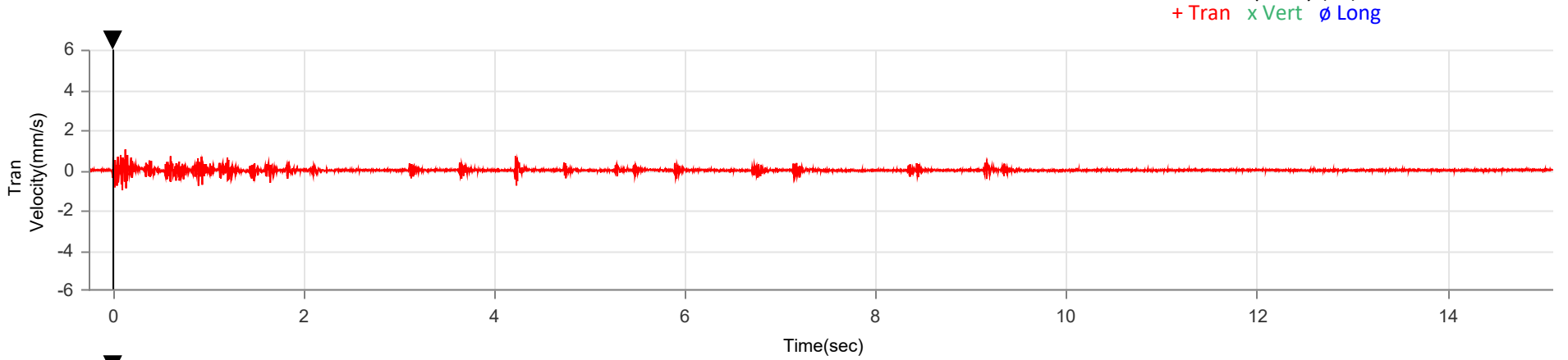
Post Event Notes No text to be displayed.

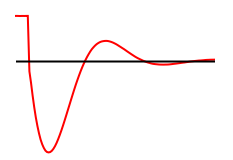
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.033 mm/s	4.642 mm/s	1.513 mm/s
Zero Crossing Frequency	78.8 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.136 sec	0.093 sec	0.149 sec
Peak Acceleration	0.086 g	0.326 g	0.115 g
Peak Displacement	0.002 mm	0.007 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.678 mm/s at 0.093 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

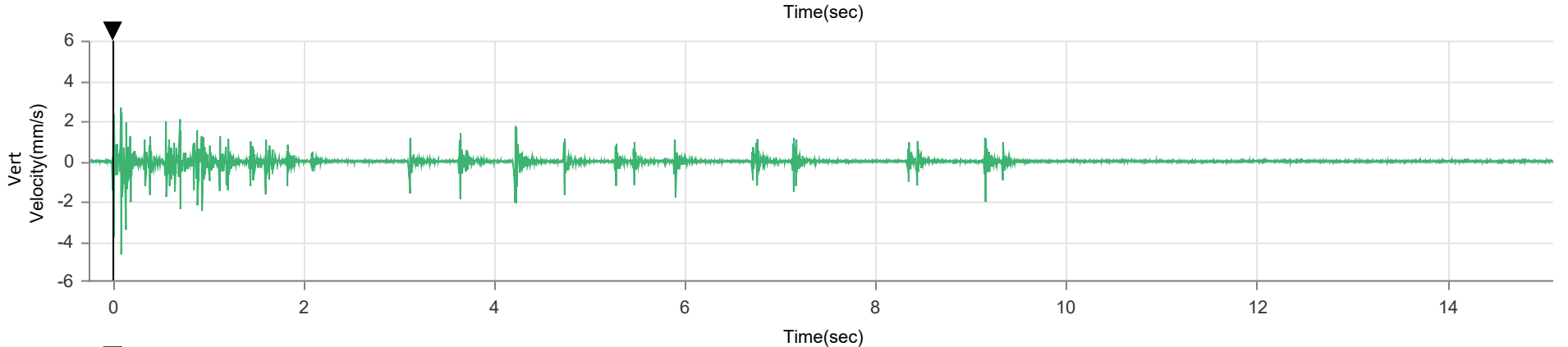


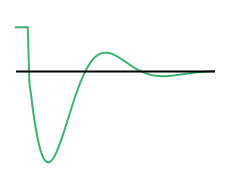
Sensor Check



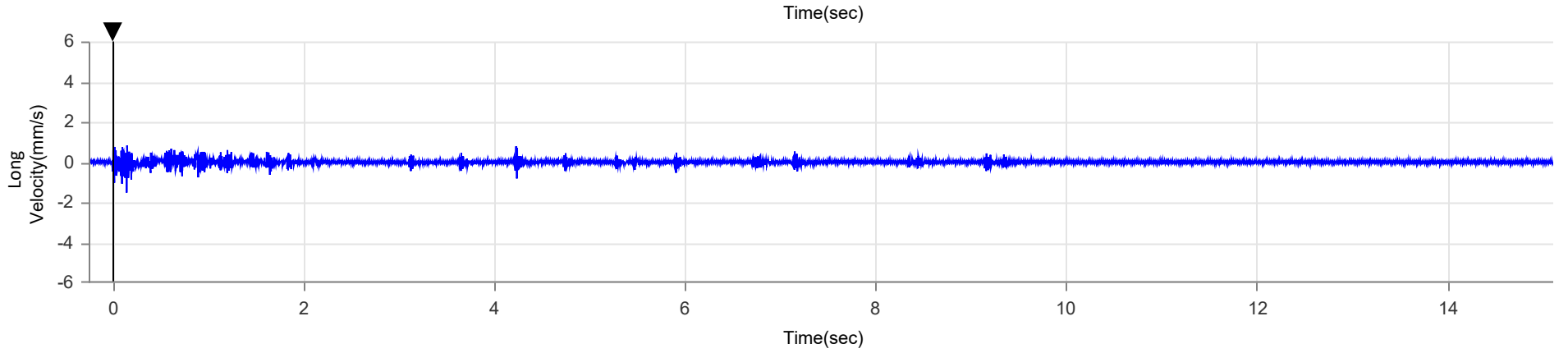


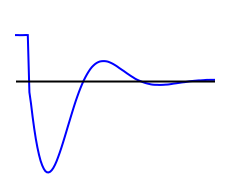
✓ Passed





✓ Passed





✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 12:58:54	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/13.0 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221105125854.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

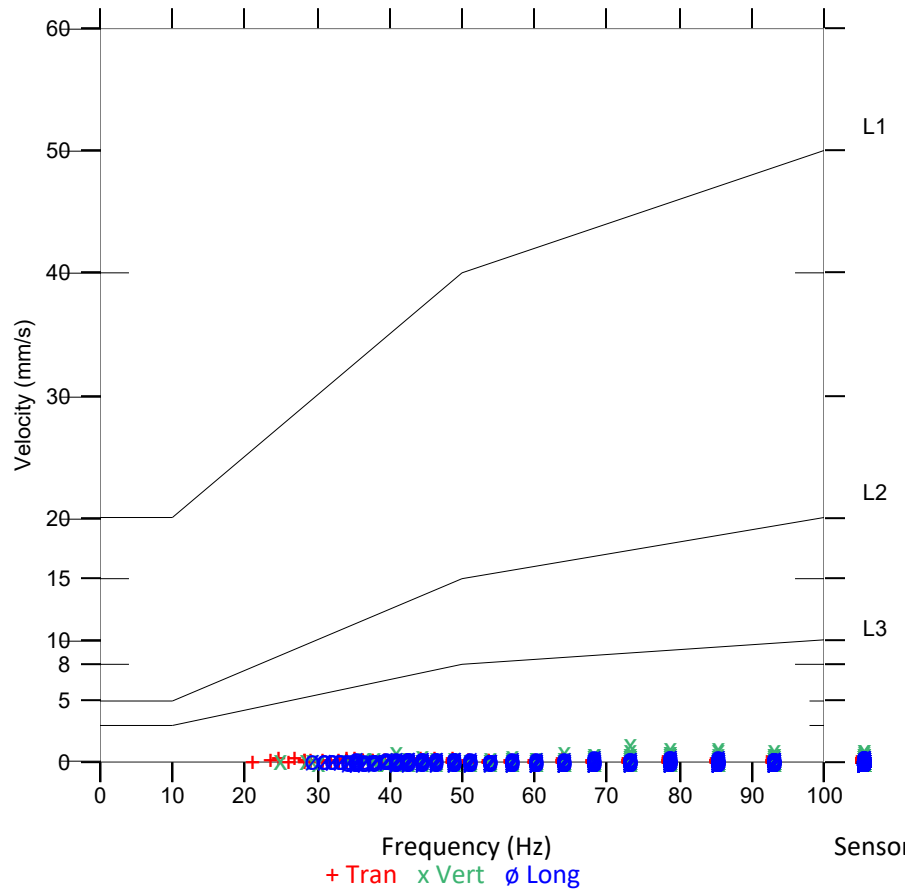
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

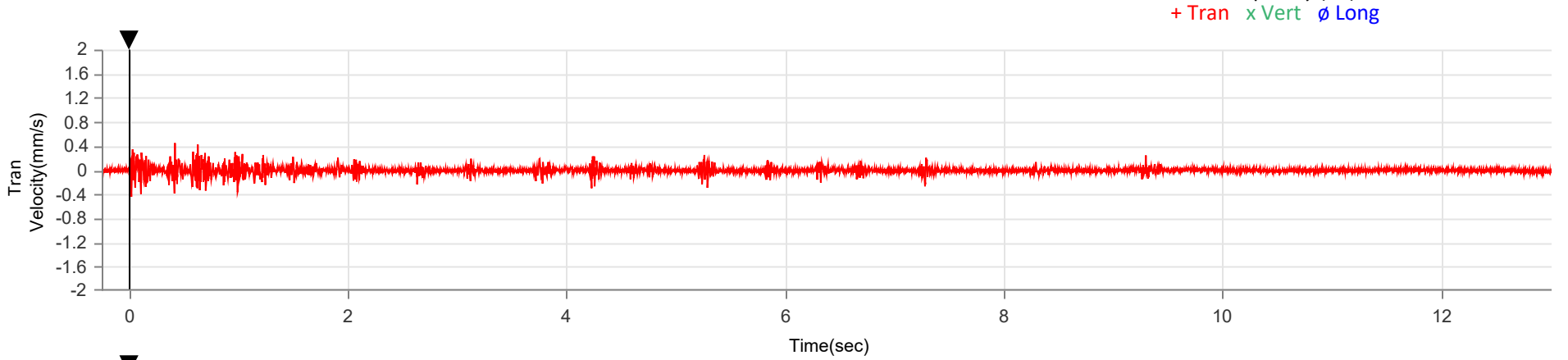
Post Event Notes No text to be displayed.

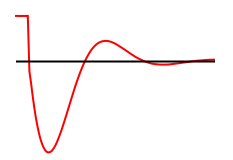
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.449 mm/s	1.537 mm/s	0.552 mm/s
Zero Crossing Frequency	>100 Hz	73.1 Hz	>100 Hz
Time (Relative to Trigger)	0.420 sec	0.009 sec	0.630 sec
Peak Acceleration	0.041 g	0.094 g	0.044 g
Peak Displacement	0.001 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.561 mm/s at 0.009 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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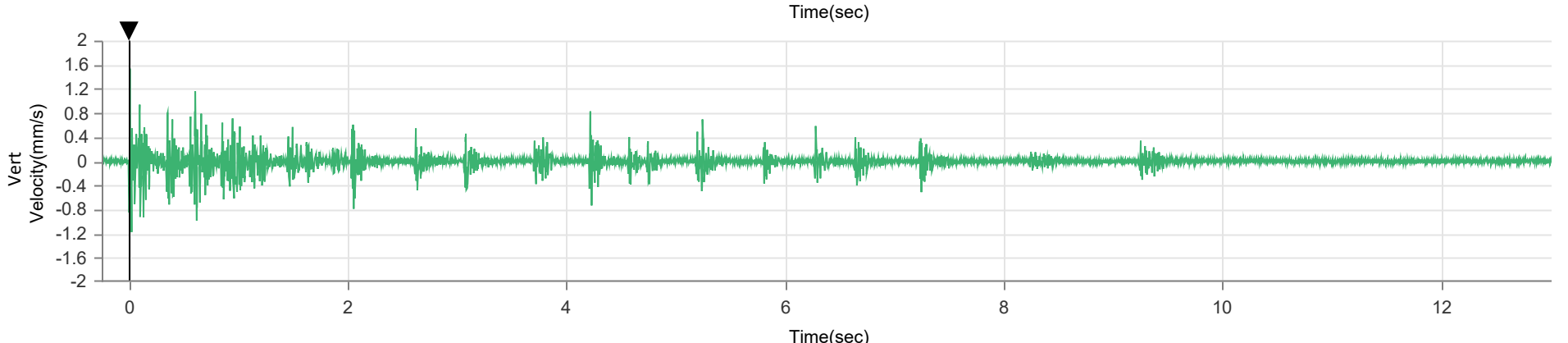

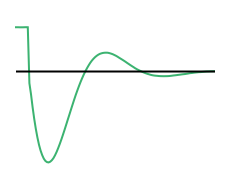

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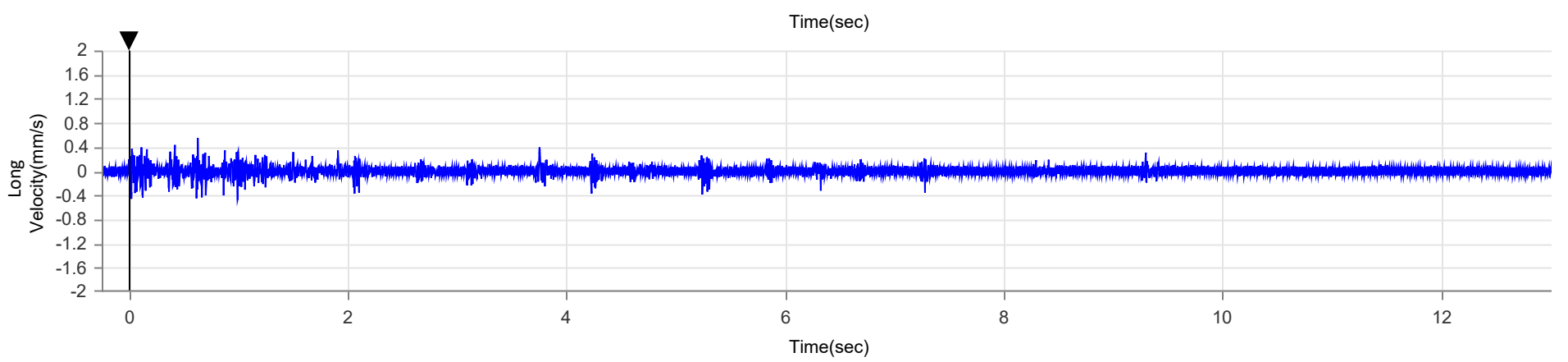
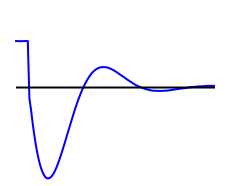




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 15:07:58	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.5 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221105150758.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

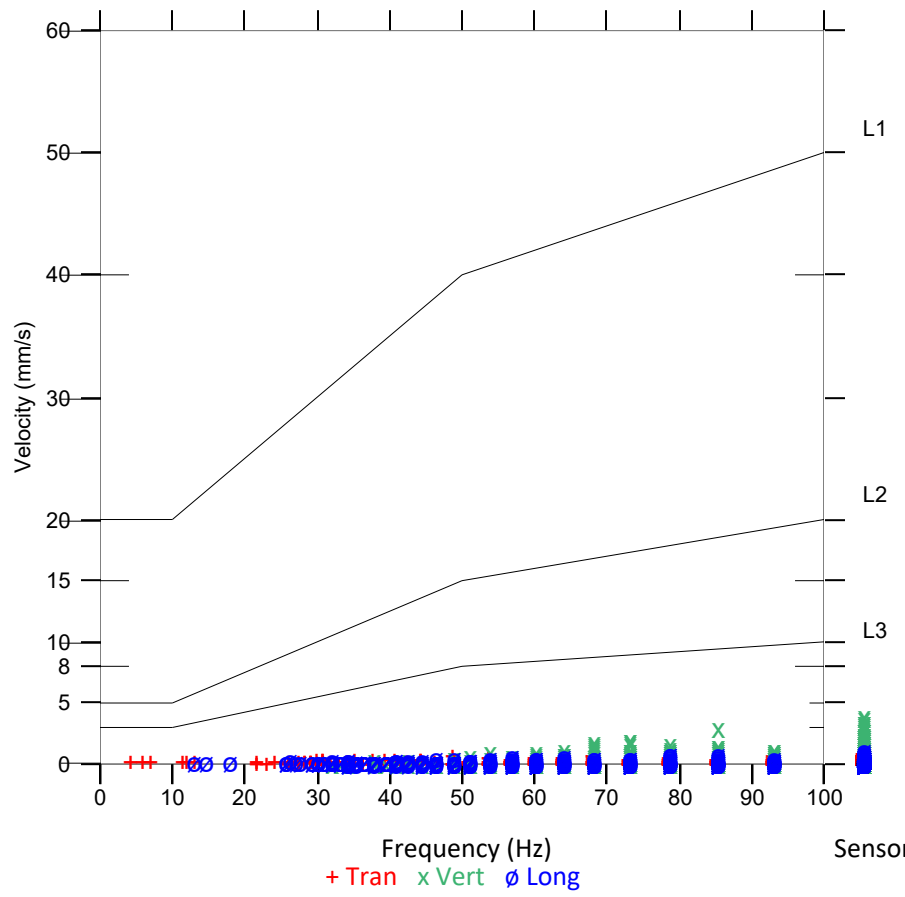
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

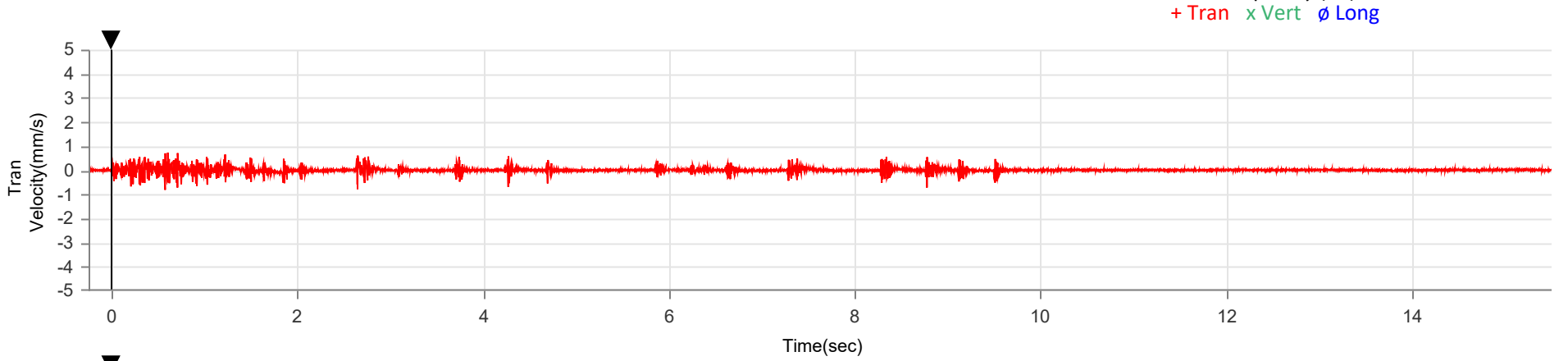
Post Event Notes No text to be displayed.

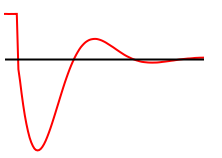
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.812 mm/s	3.957 mm/s	1.182 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.575 sec	0.715 sec	0.570 sec
Peak Acceleration	0.092 g	0.318 g	0.107 g
Peak Displacement	0.004 mm	0.005 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	3.967 mm/s at 0.715 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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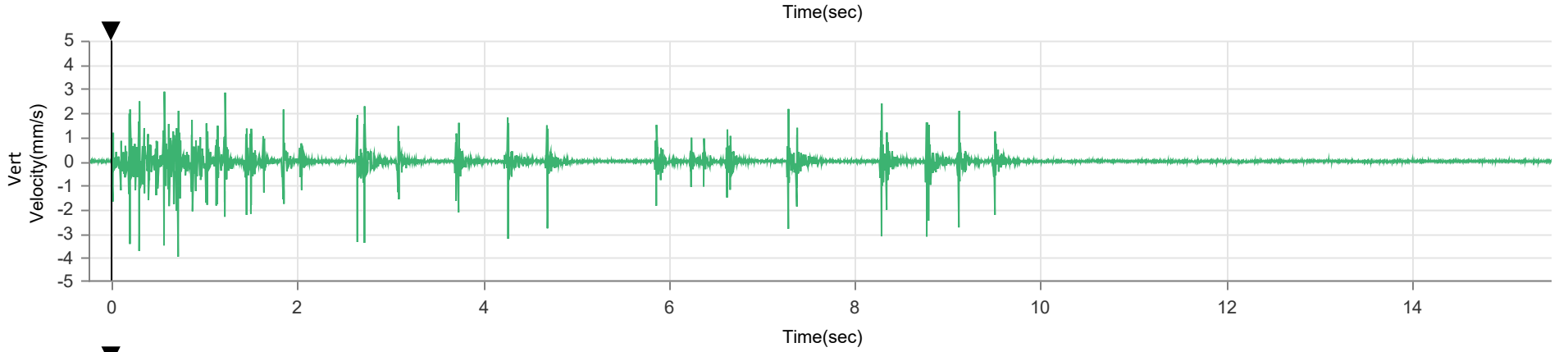

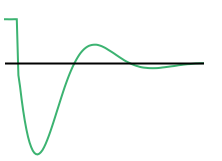

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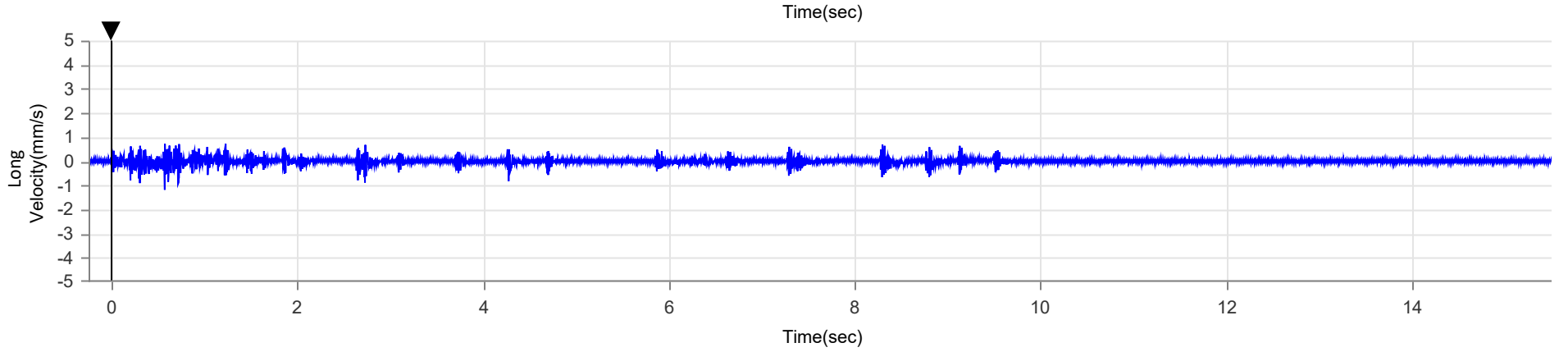
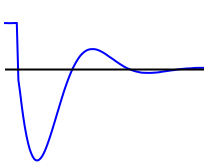




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 5, 2022 22:38:49	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/14.8 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221105223849.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

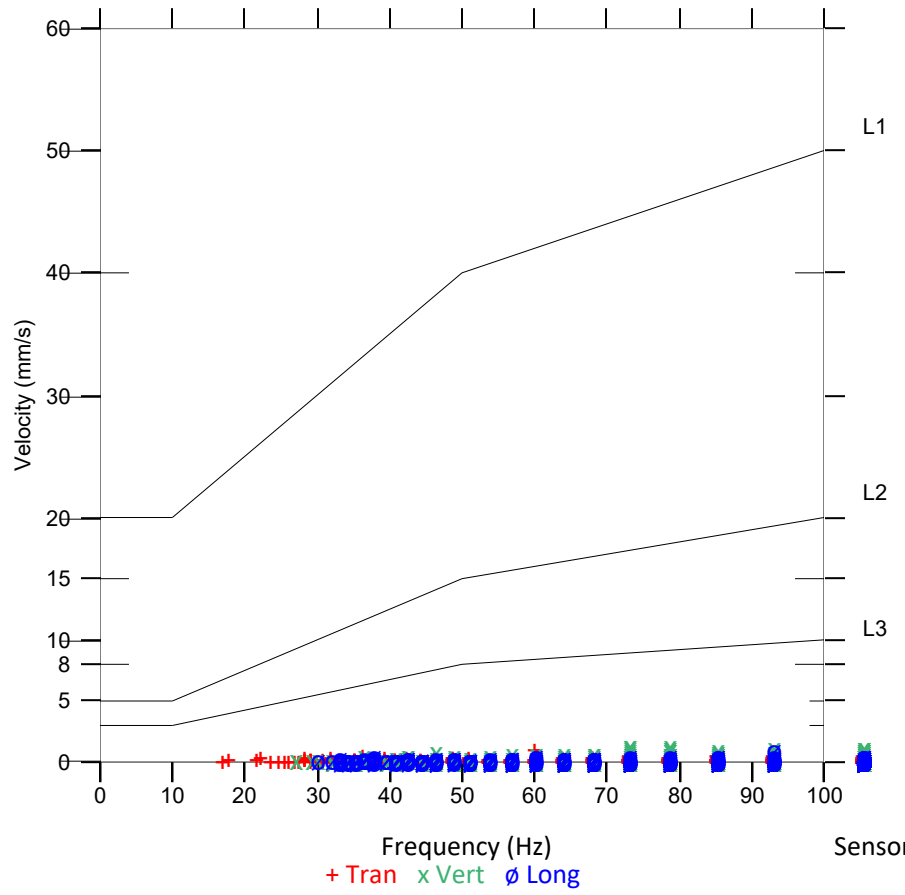
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

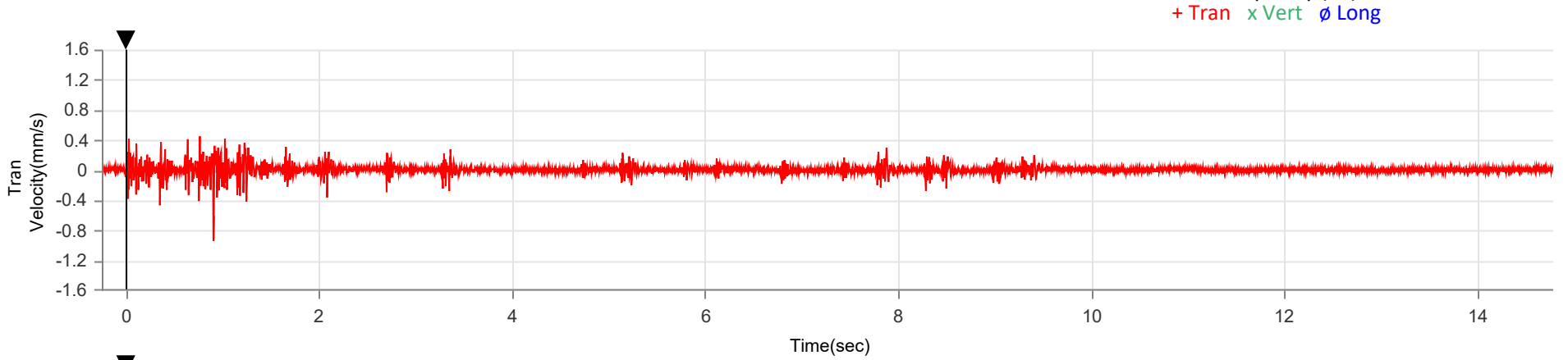
Post Event Notes No text to be displayed.

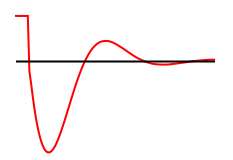
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.938 mm/s	1.293 mm/s	0.930 mm/s
Zero Crossing Frequency	64.0 Hz	73.1 Hz	93.1 Hz
Time (Relative to Trigger)	0.908 sec	0.340 sec	0.908 sec
Peak Acceleration	0.043 g	0.092 g	0.048 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.435 mm/s at 0.908 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

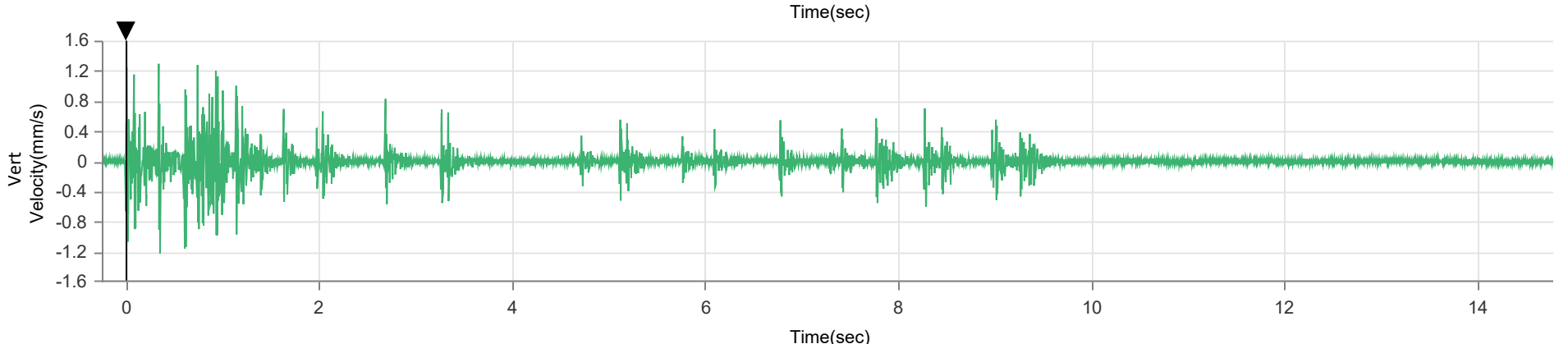


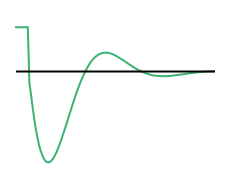
Sensor Check





✓ Passed





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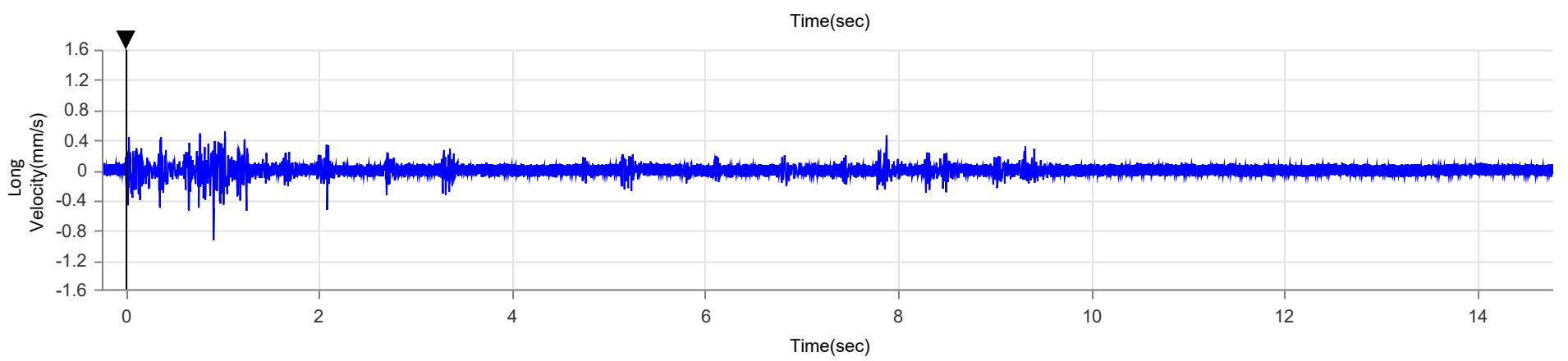
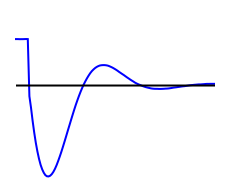




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 00:59:41	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221106005941.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

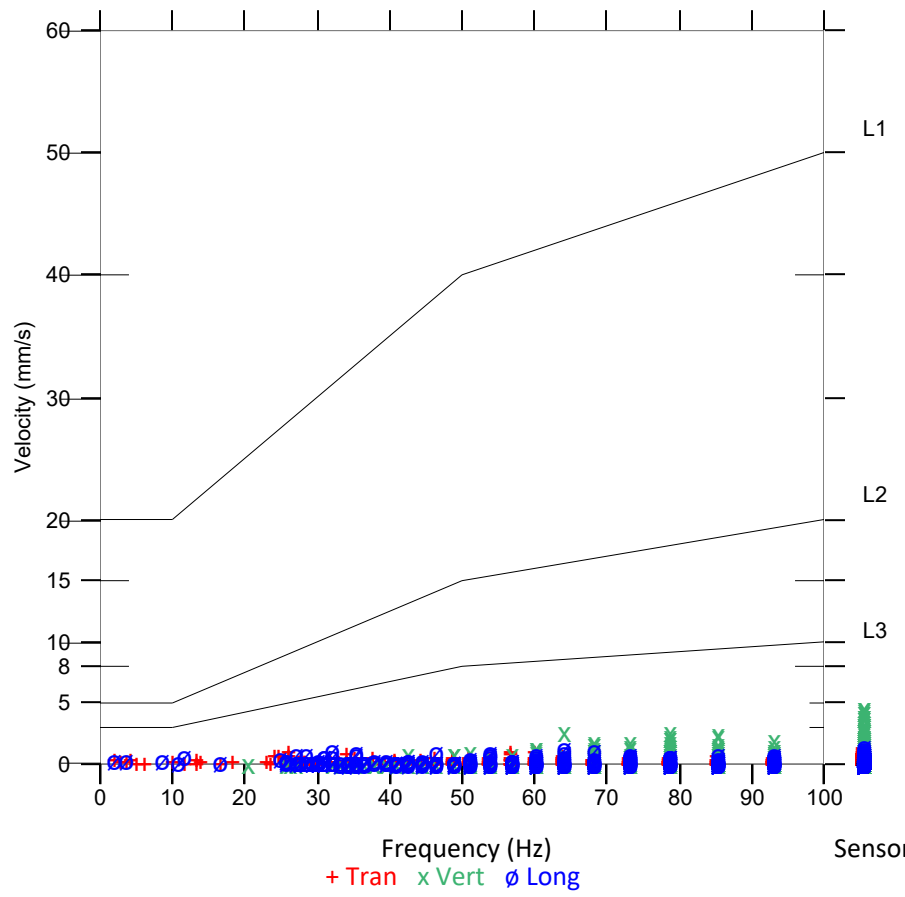
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

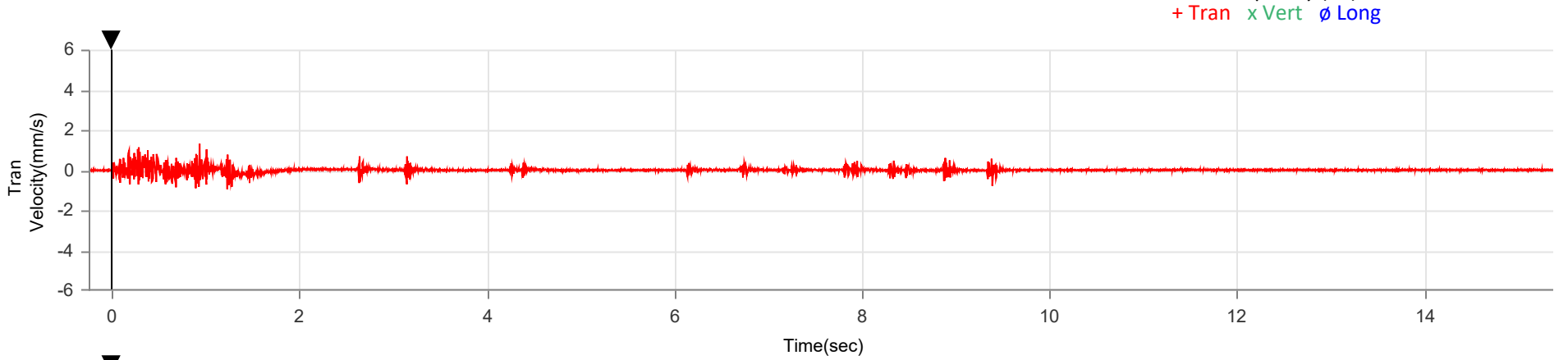
Post Event Notes No text to be displayed.

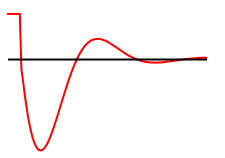
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.324 mm/s	4.619 mm/s	1.474 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.934 sec	0.281 sec	0.288 sec
Peak Acceleration	0.110 g	0.378 g	0.100 g
Peak Displacement	0.013 mm	0.006 mm	0.011 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.642 mm/s at 0.281 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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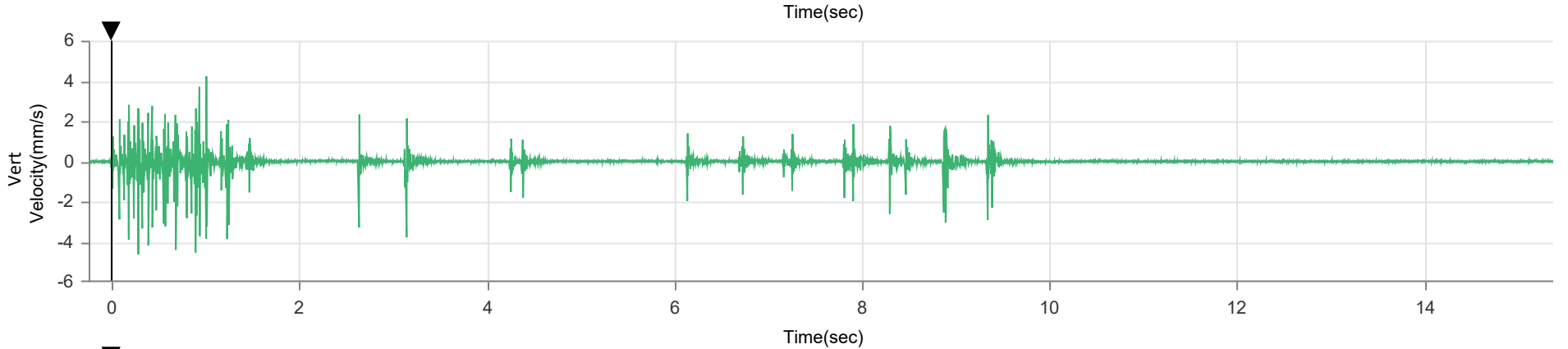

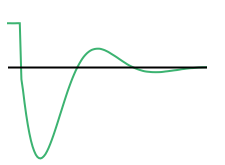

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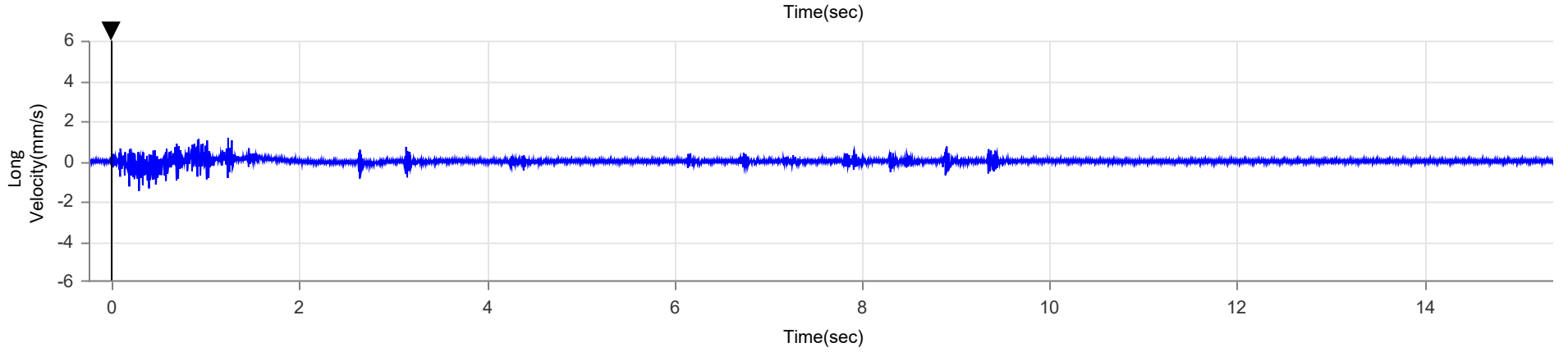

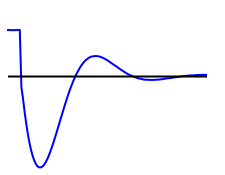

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 06:58:17	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221106065817.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

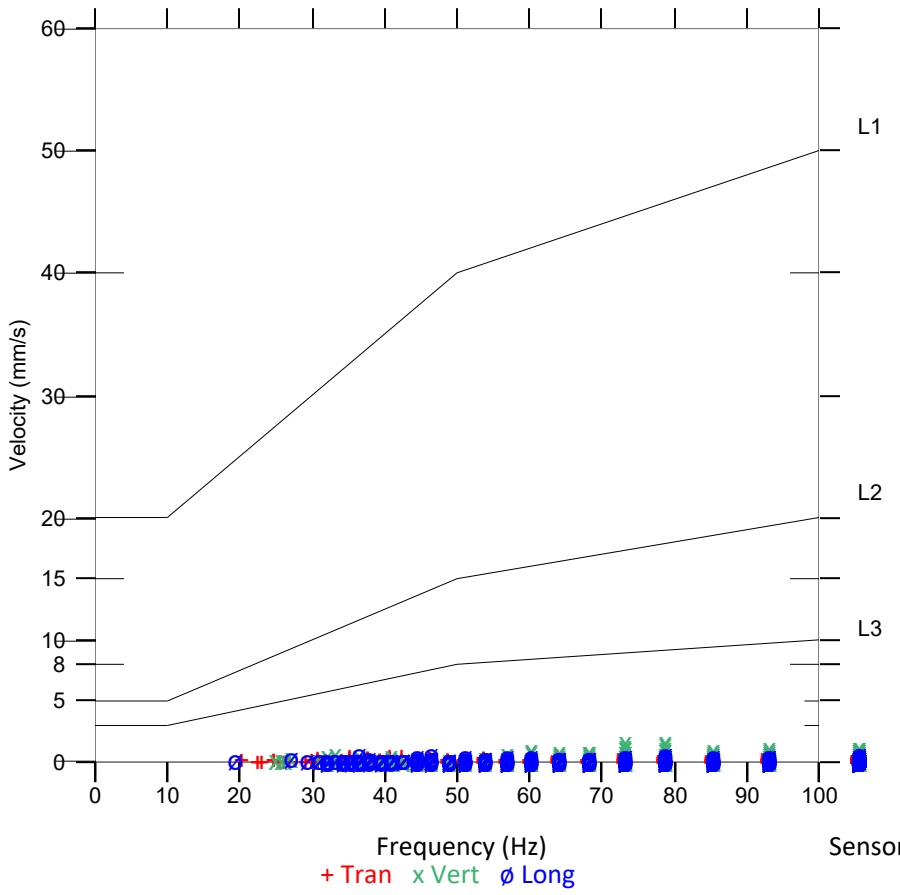
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

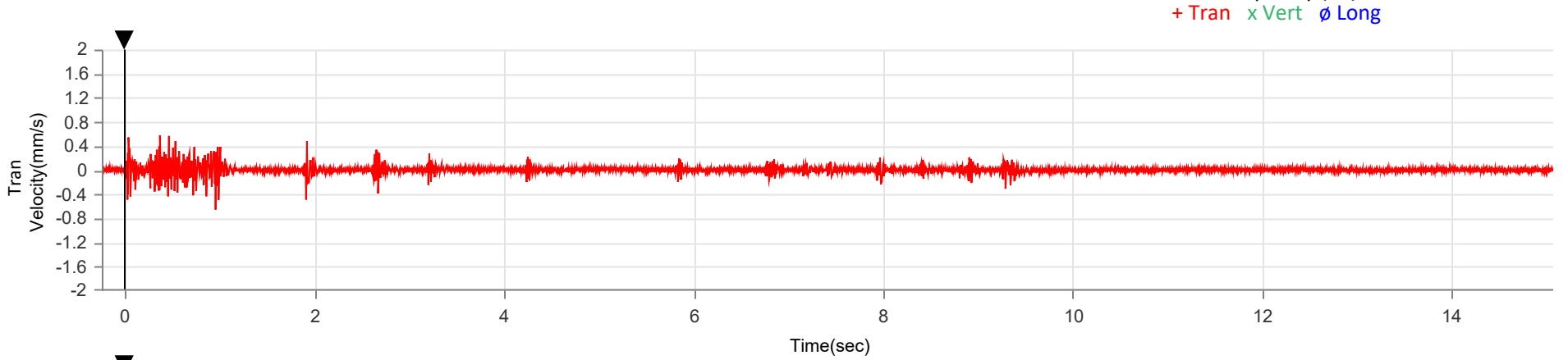
Post Event Notes No text to be displayed.

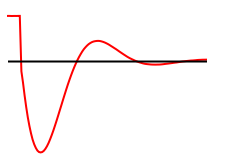
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.654 mm/s	1.710 mm/s	0.717 mm/s
Zero Crossing Frequency	93.1 Hz	73.1 Hz	>100 Hz
Time (Relative to Trigger)	0.952 sec	0.437 sec	0.953 sec
Peak Acceleration	0.046 g	0.109 g	0.048 g
Peak Displacement	0.002 mm	0.004 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.711 mm/s at 0.437 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

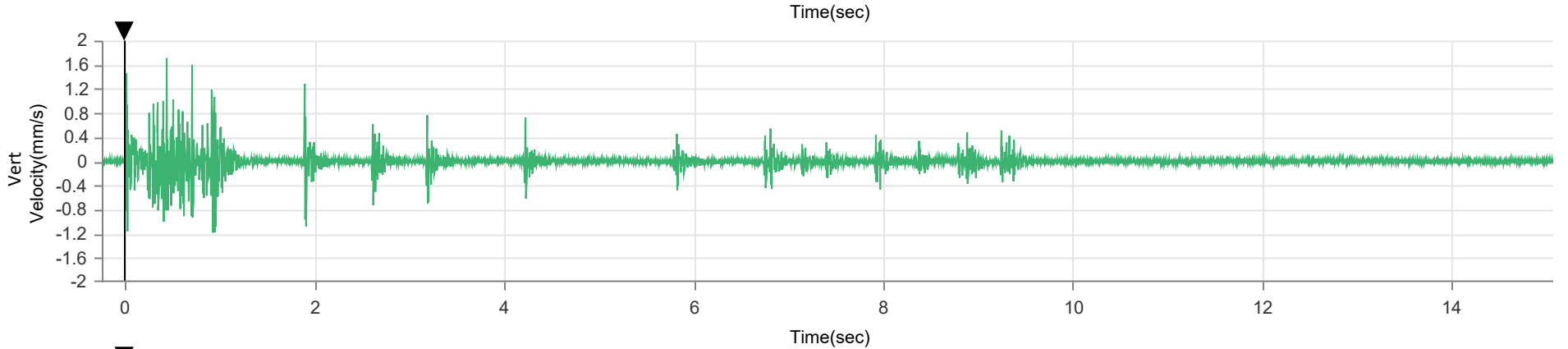


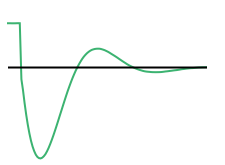
Sensor Check





✓ Passed





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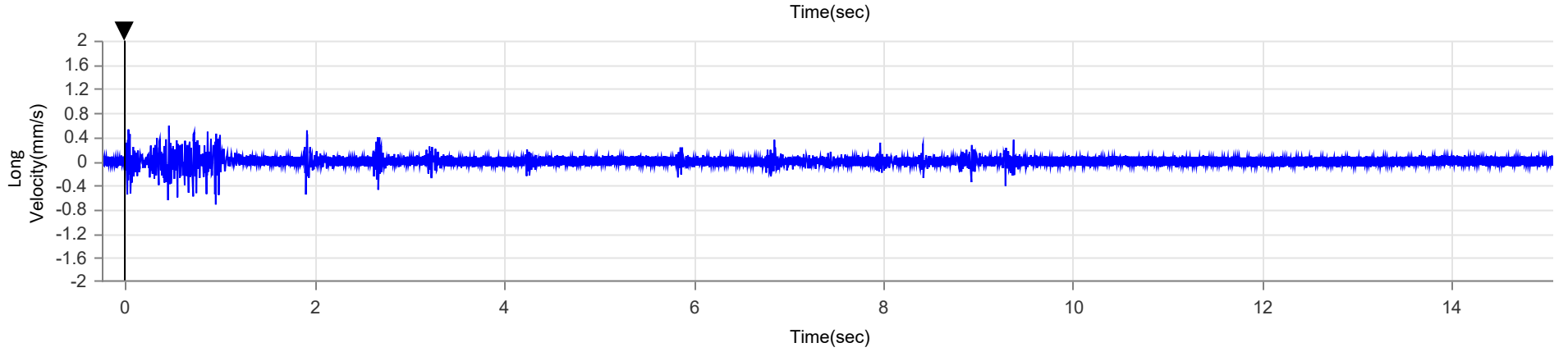

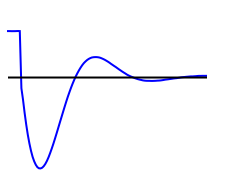

✓ Passed

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Waveform Trigger Source	Vert at November 6, 2022 10:30:05	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221106103005.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

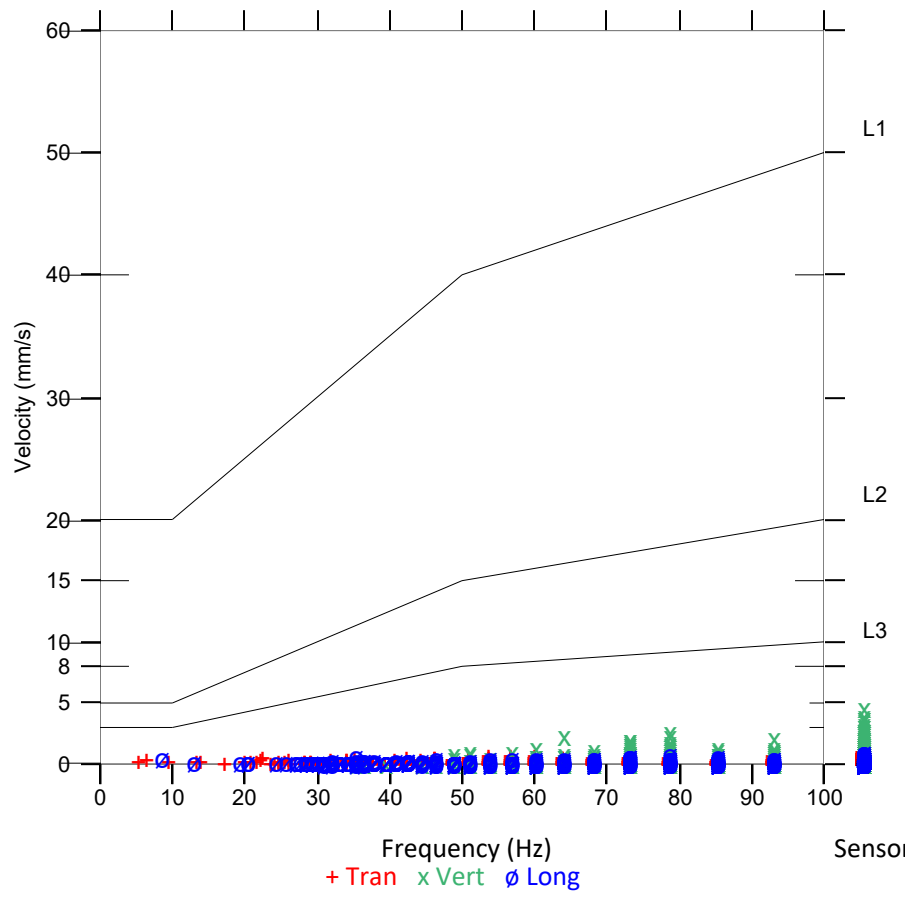
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

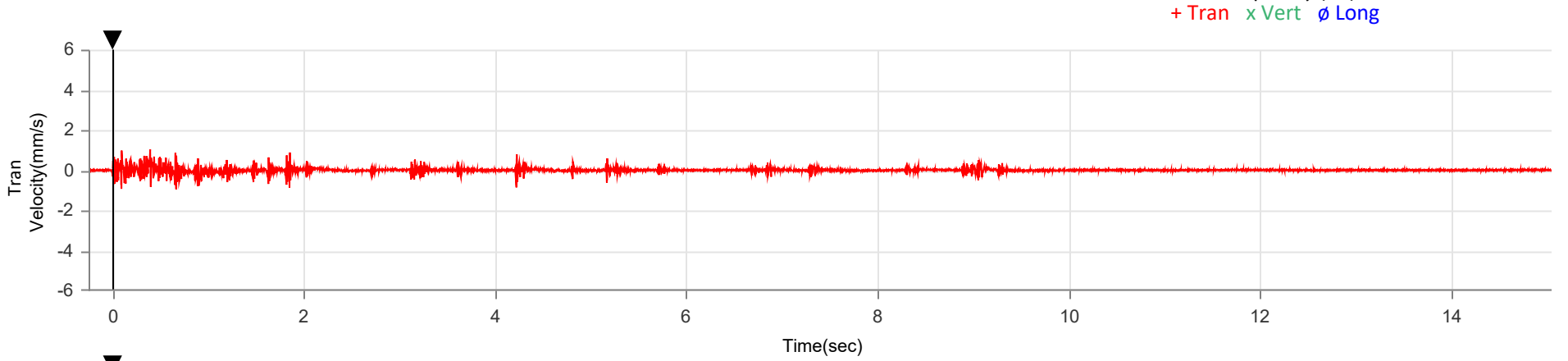
Post Event Notes No text to be displayed.

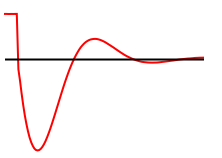
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.040 mm/s	4.571 mm/s	0.993 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.395 sec	0.092 sec	0.099 sec
Peak Acceleration	0.115 g	0.349 g	0.094 g
Peak Displacement	0.002 mm	0.005 mm	0.005 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	4.600 mm/s at 0.092 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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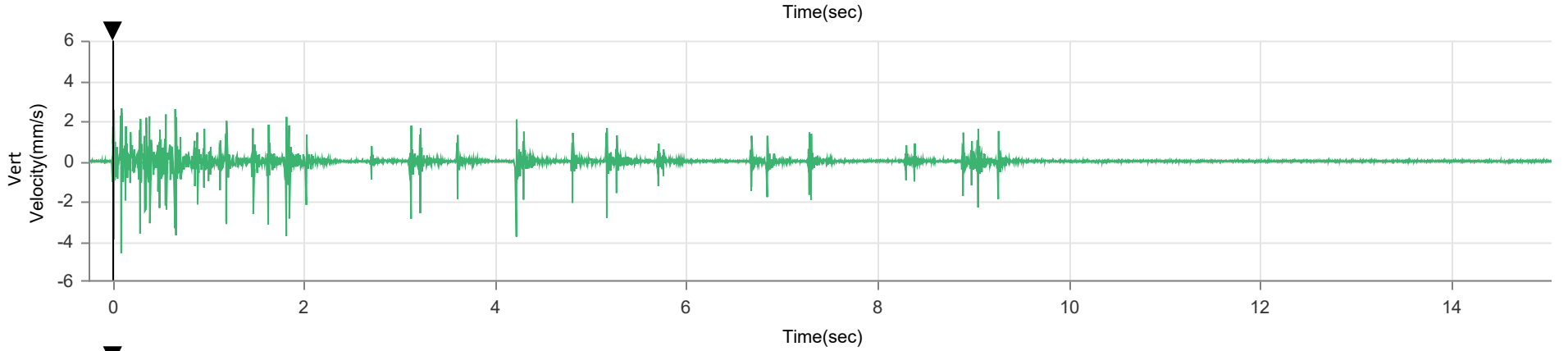

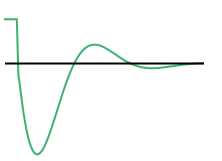

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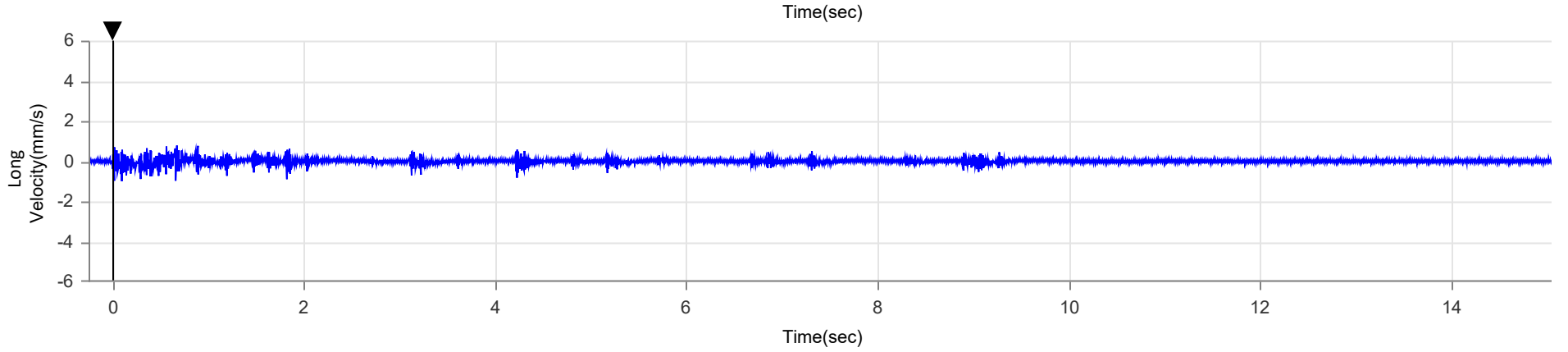
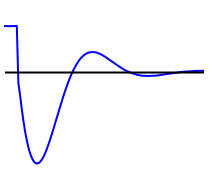




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 18:10:58	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/12.6 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221106181058.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

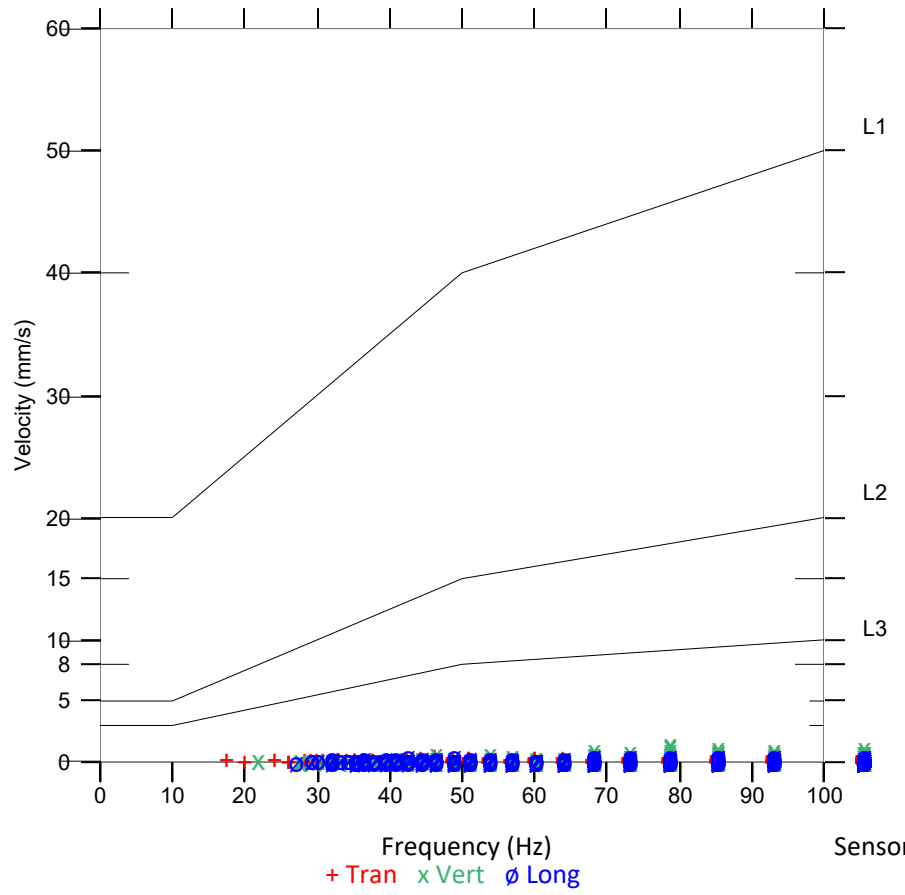
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

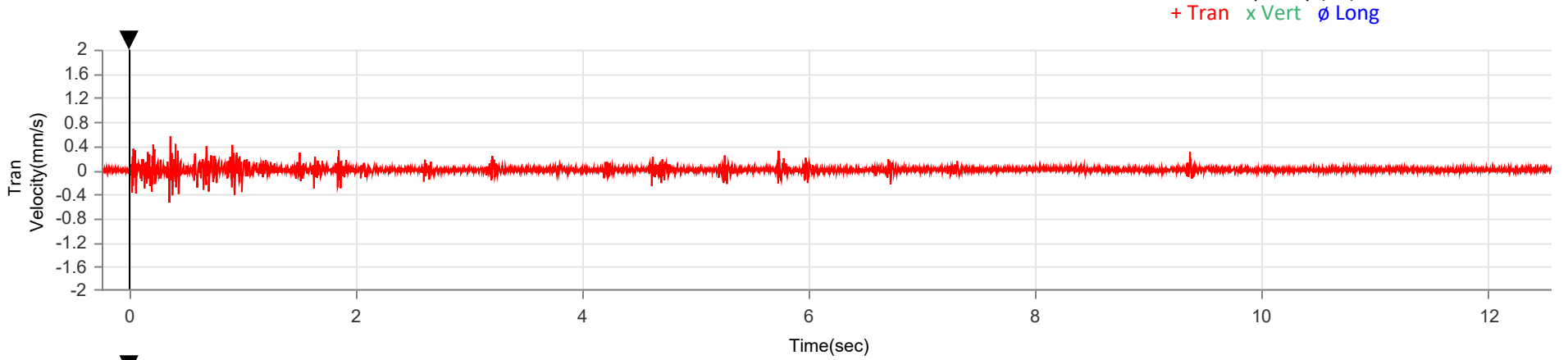
Post Event Notes No text to be displayed.

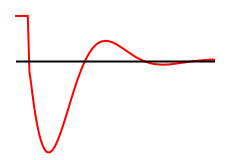
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.560 mm/s	1.513 mm/s	0.567 mm/s
Zero Crossing Frequency	>100 Hz	78.8 Hz	85.3 Hz
Time (Relative to Trigger)	0.358 sec	0.335 sec	0.925 sec
Peak Acceleration	0.043 g	0.114 g	0.039 g
Peak Displacement	0.001 mm	0.003 mm	0.001 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.559 mm/s at 0.335 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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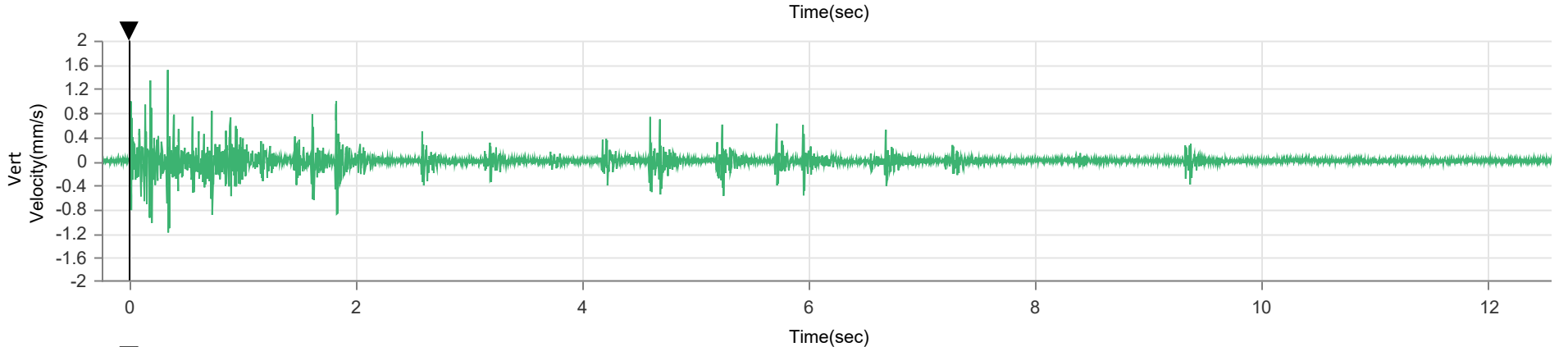

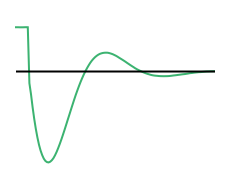

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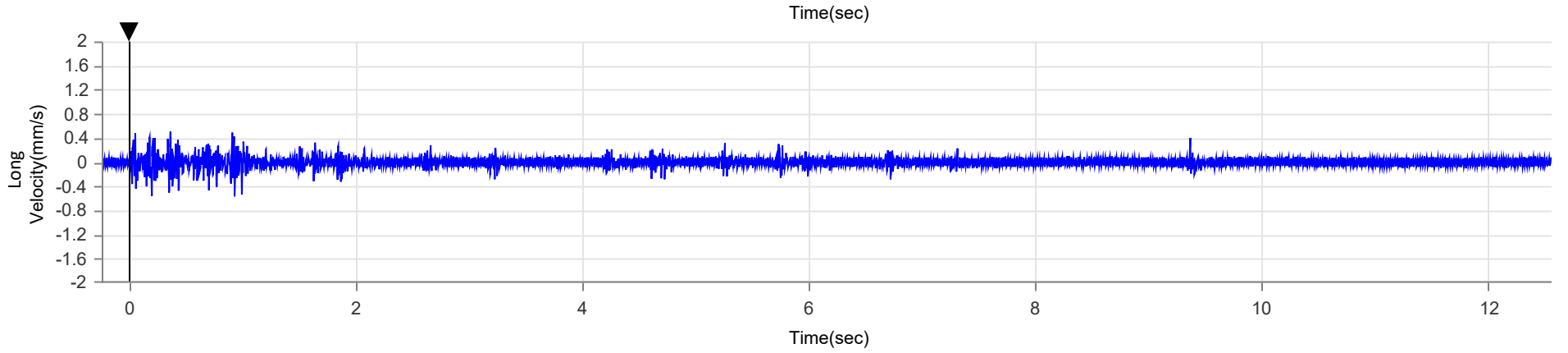
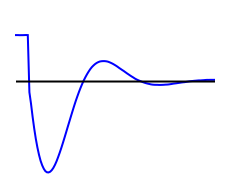




✓ Passed

Format © 2019 Xmark Corporation

Waveform Trigger Source	Vert at November 6, 2022 20:17:39	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.1 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221106201739.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

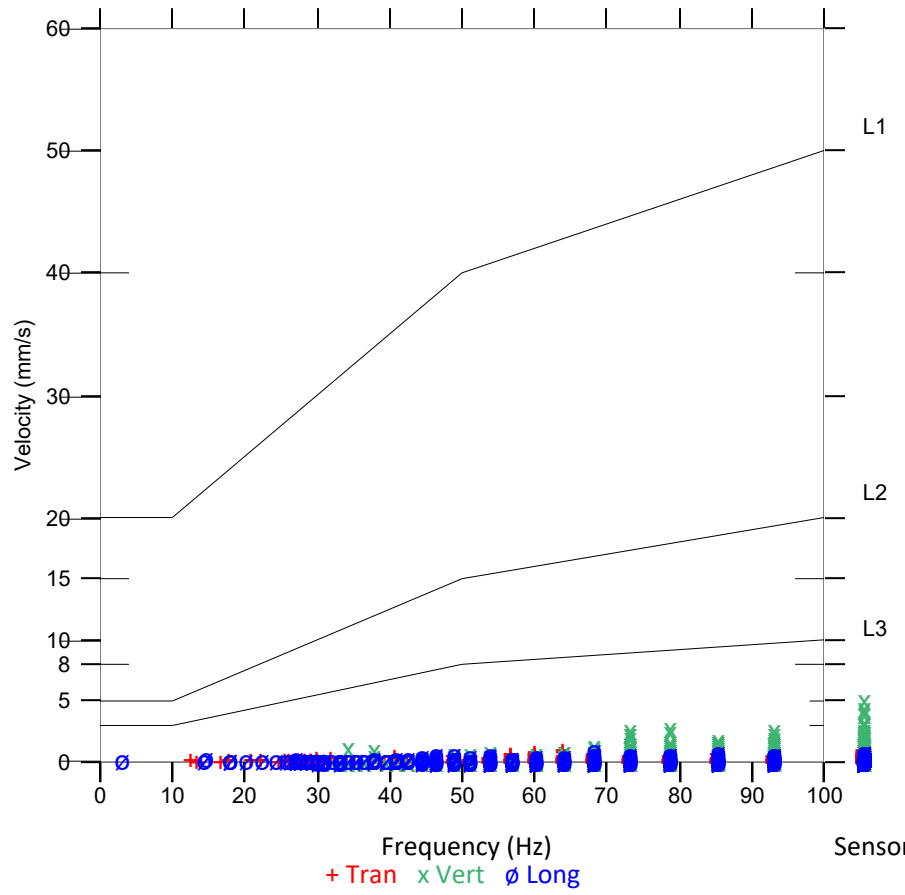
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

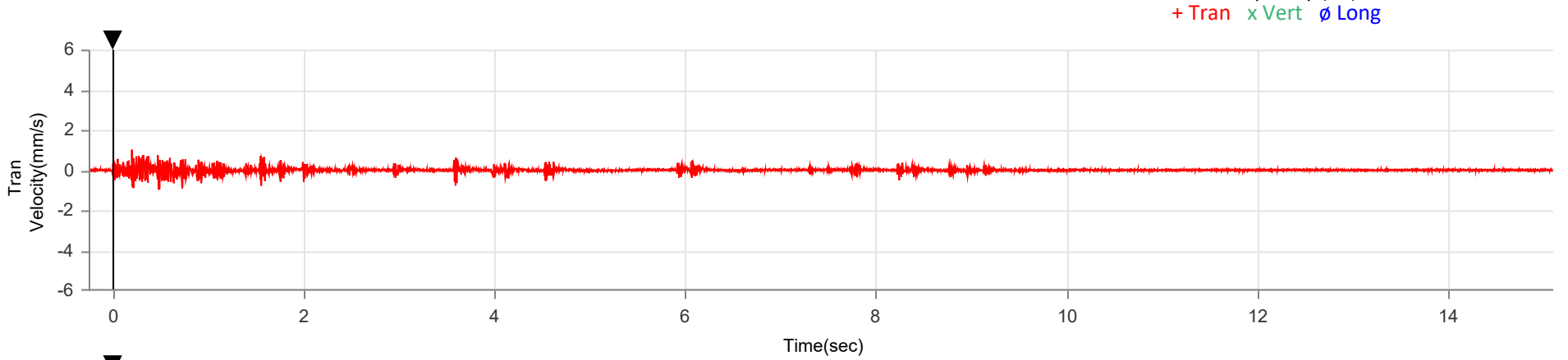
Post Event Notes No text to be displayed.

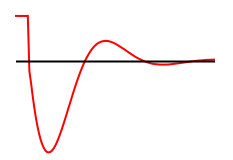
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.017 mm/s	5.052 mm/s	0.962 mm/s
Zero Crossing Frequency	64.0 Hz	>100 Hz	68.3 Hz
Time (Relative to Trigger)	0.203 sec	0.482 sec	0.368 sec
Peak Acceleration	0.105 g	0.352 g	0.077 g
Peak Displacement	0.002 mm	0.006 mm	0.006 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	5.093 mm/s at 0.482 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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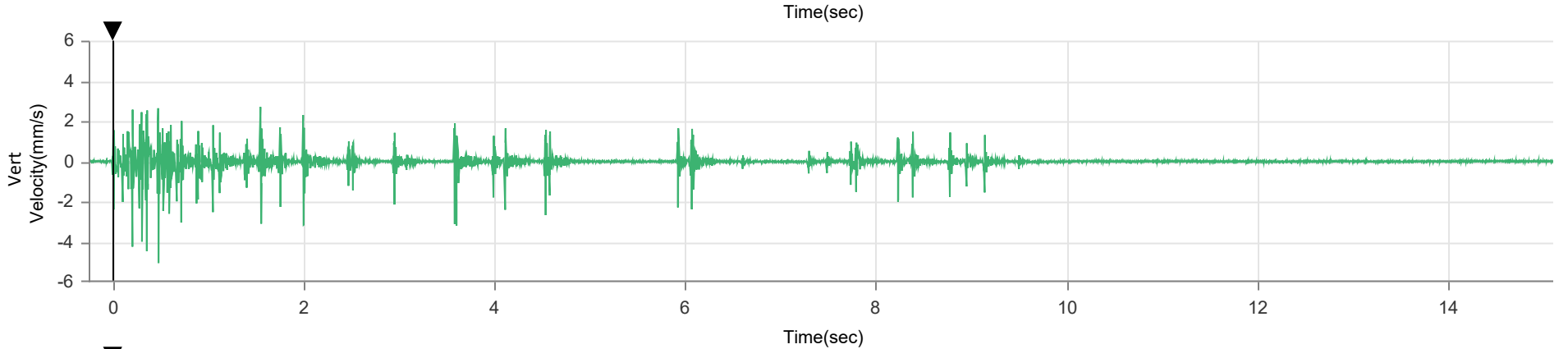

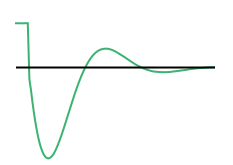

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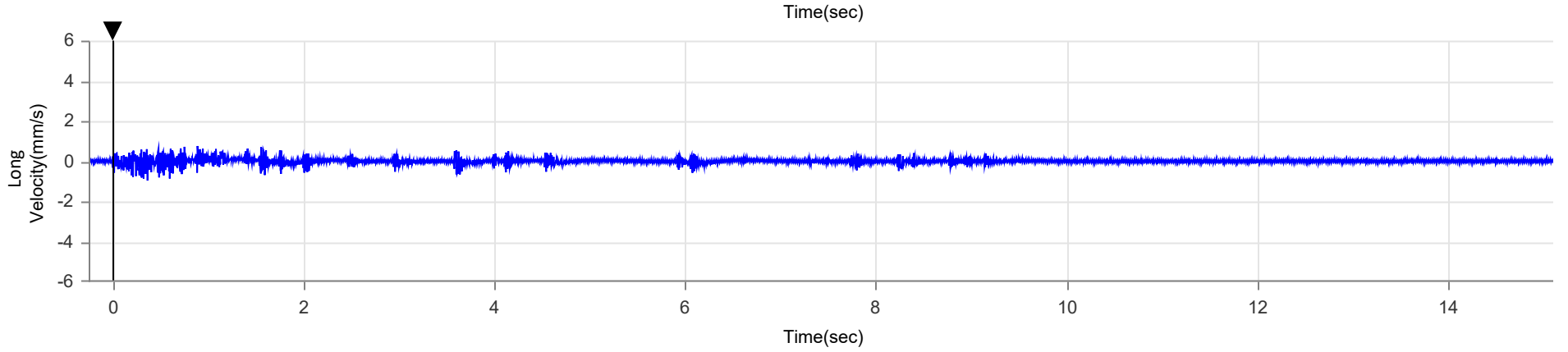

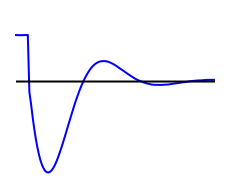

✓ Passed

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Waveform Trigger Source	Vert at November 7, 2022 02:35:09	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.4 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221107023509.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

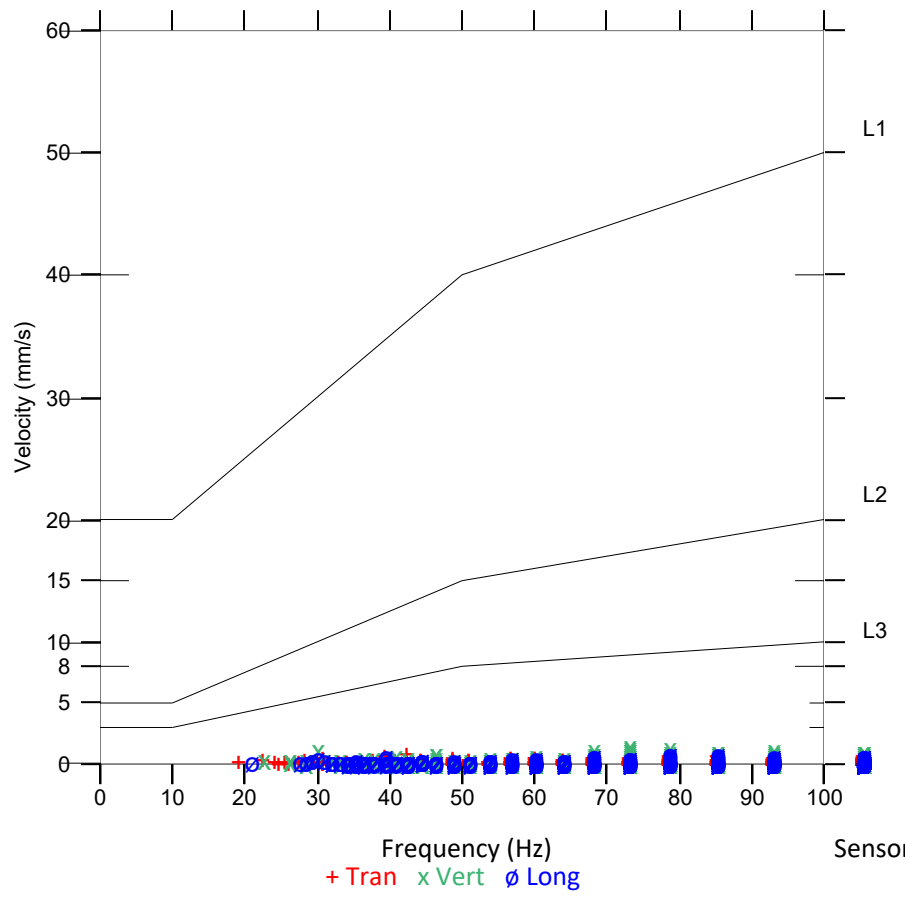
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

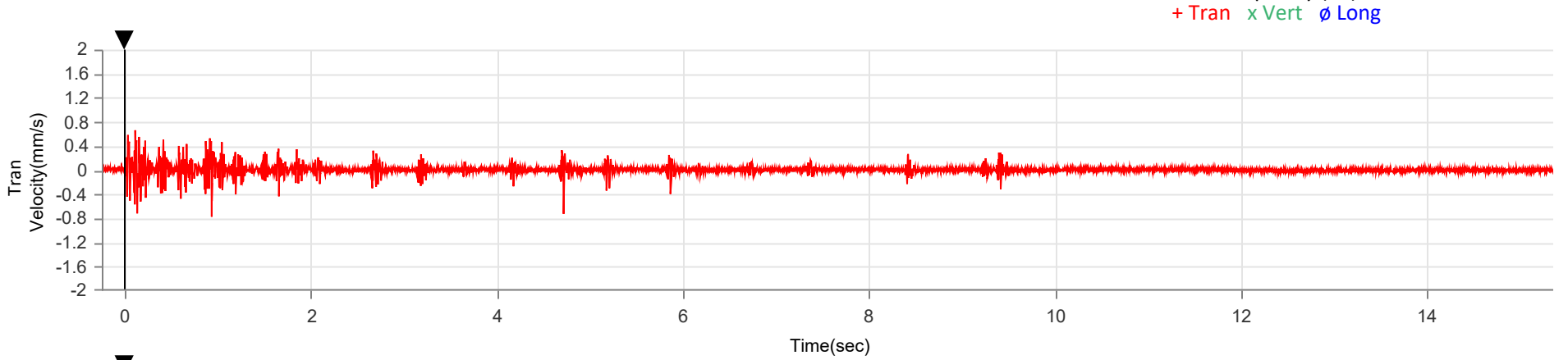
Post Event Notes No text to be displayed.

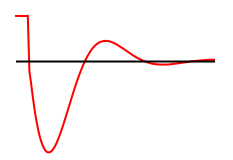
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.772 mm/s	1.537 mm/s	0.867 mm/s
Zero Crossing Frequency	42.7 Hz	73.1 Hz	85.3 Hz
Time (Relative to Trigger)	0.932 sec	0.087 sec	0.131 sec
Peak Acceleration	0.061 g	0.105 g	0.046 g
Peak Displacement	0.002 mm	0.003 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	1.564 mm/s at 0.087 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)

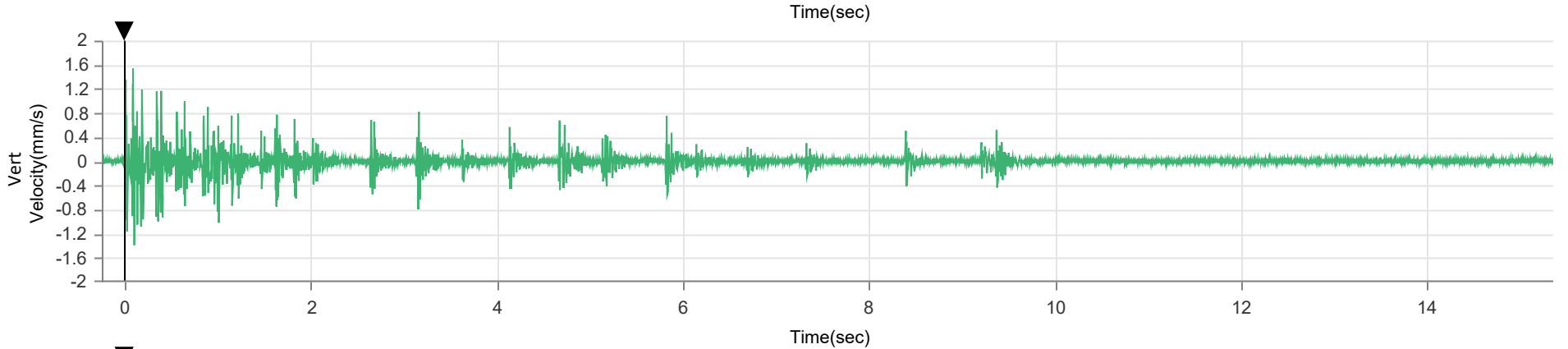


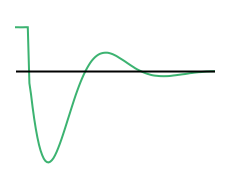
Sensor Check





✓ Passed





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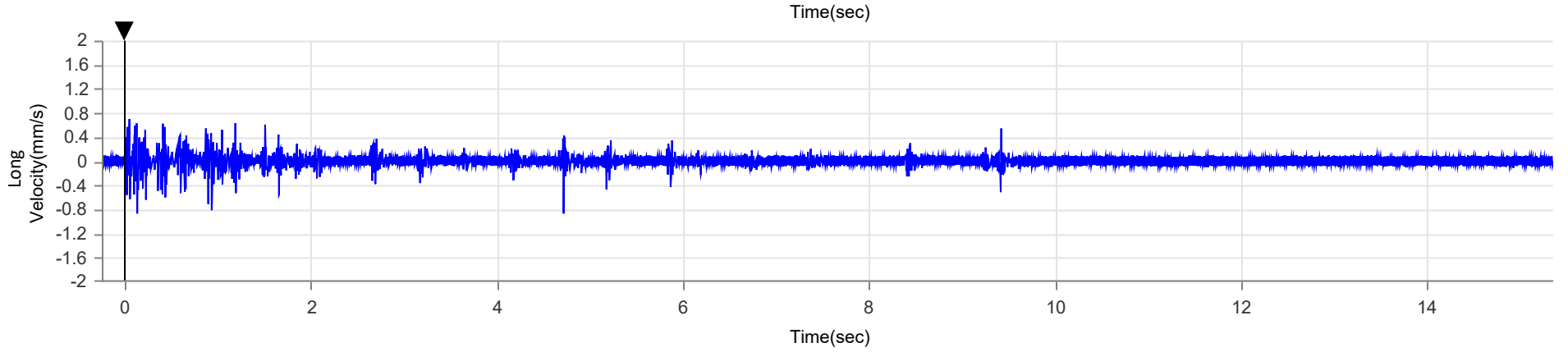

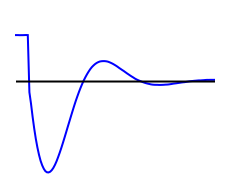

✓ Passed

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Waveform Trigger Source	Vert at November 7, 2022 04:22:34	**Serial Number**	UM20419
Trigger Level(s)	Geo 0.500 mm/s	**Model Number**	Micromate DIN 10.90GC
Pre-Trigger/Record Time	0.25 sec/15.3 sec (Auto)	**Battery Level**	3.8 volts
Sample Rate	2048 sps	**Unit Calibration**	June 24, 2022 by Instantel
Setup File Name	factory.mmb	**Event File Name**	UM20419_20221107042234.IDFW
Operator	Operator	**USB Sensor Support**	Disabled

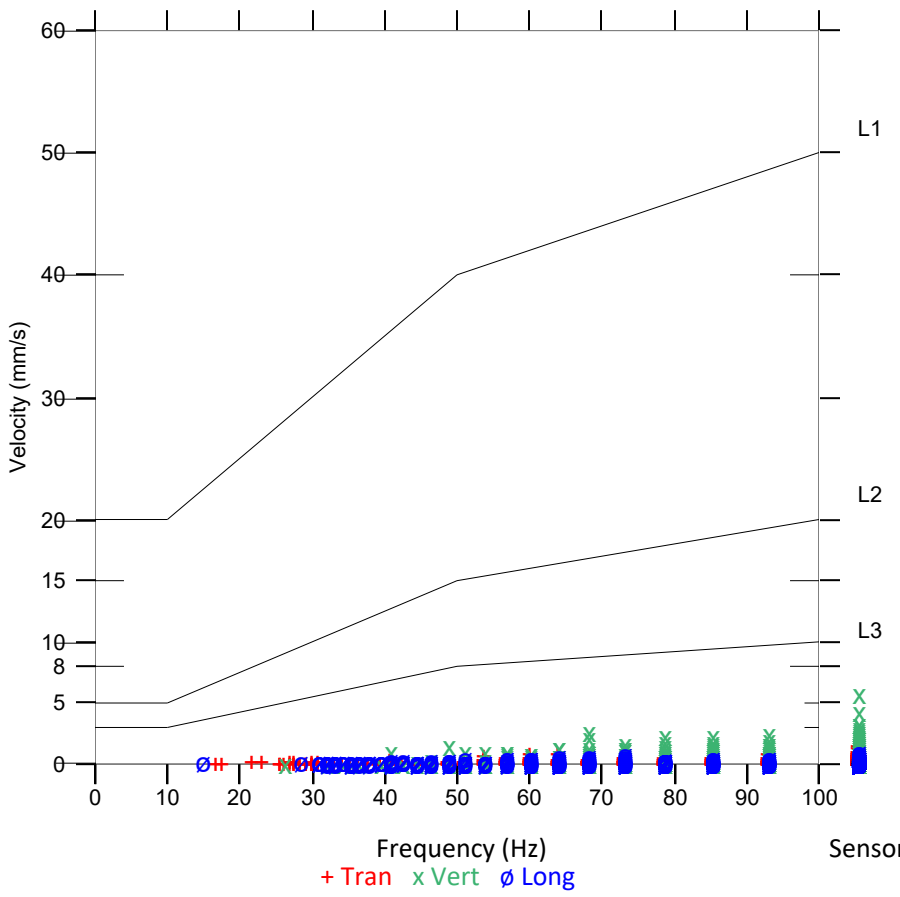
Notes

Location	MM-29, Zg. Skofije 128e
Client	
Company	
General Notes	

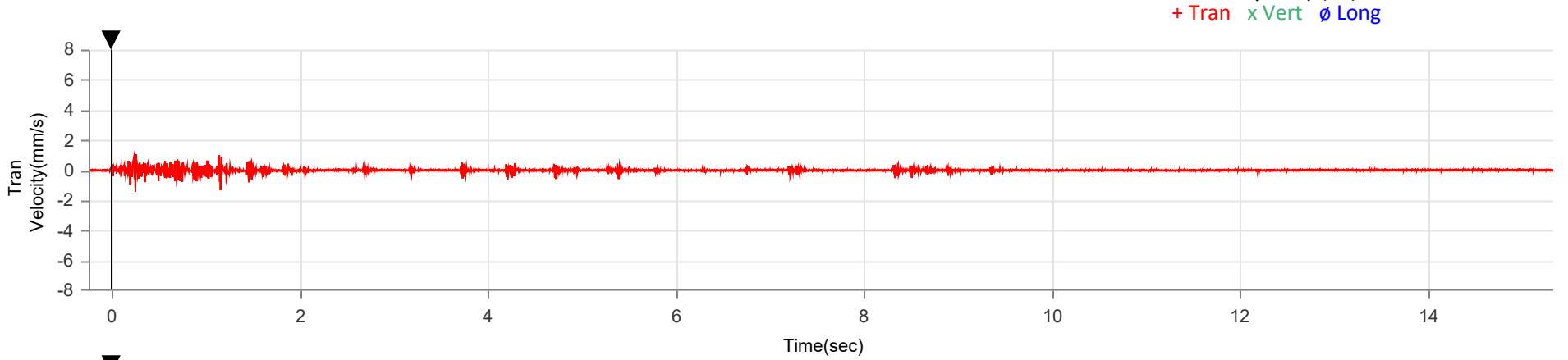
Post Event Notes No text to be displayed.

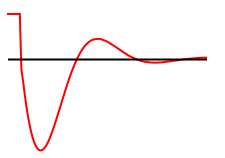
Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	1.411 mm/s	5.667 mm/s	0.962 mm/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.249 sec	0.238 sec	0.286 sec
Peak Acceleration	0.117 g	0.408 g	0.092 g
Peak Displacement	0.002 mm	0.007 mm	0.002 mm
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.4	4.8	4.4
Peak Vector Sum	5.682 mm/s at 0.238 sec		

DIN4150
Velocity versus Frequency (Zero Crossing)



Sensor Check





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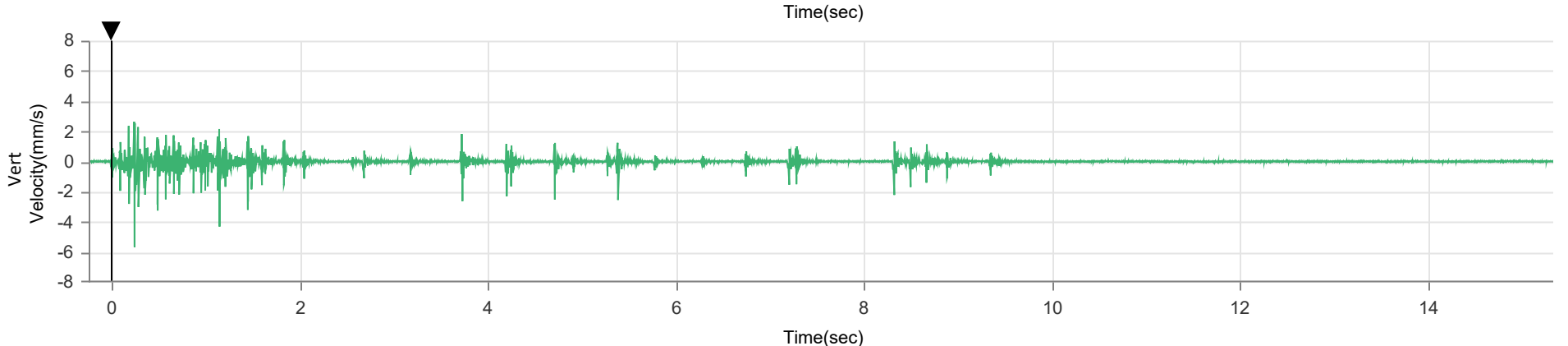

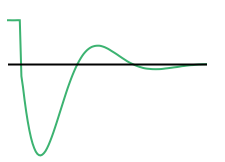

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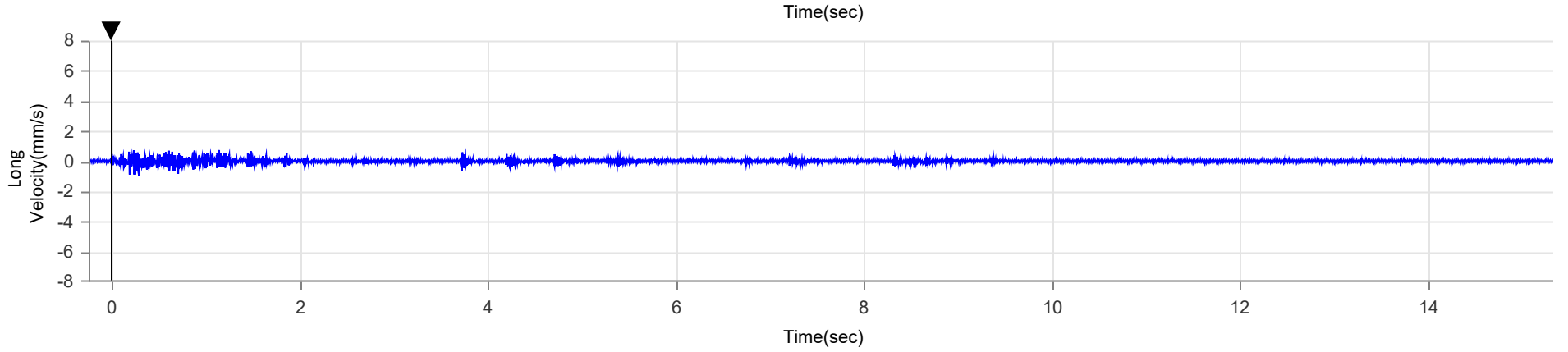

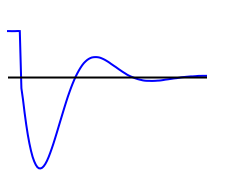

✓ Passed

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