



ACN 095 243 584

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Oak Flats 2529**

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REF: BN03/26

Date: 04th December 2025

Company: Environmental Protection Agency/Dept Planning

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Attention: to Whom it may concern

Blast Result Notification

Attached are the blast monitor results for todays blast, Friday, 4th December 2025, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Goodsell Residence which recorded 110.4 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 2.801mm/s at the Goodsell Residence. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 110.6 dB at Commercial Properties. The commerical ground vibrations were also below the commercial limits of 25mm/s with the highest reading 1.245mm/s at the Commercial Properties.

Regards

A handwritten signature in black ink, appearing to be 'Budd Green'.

**Budd Green
0418 112 776**

Date/Time Long at 11:59:59 December 4, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.00 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Operator/Setup: Operator/UM11465.mmb

Serial Number UM11465 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 14, 2025 by Saros Int
File Name UM11465_20251204115959.IDFW

Notes

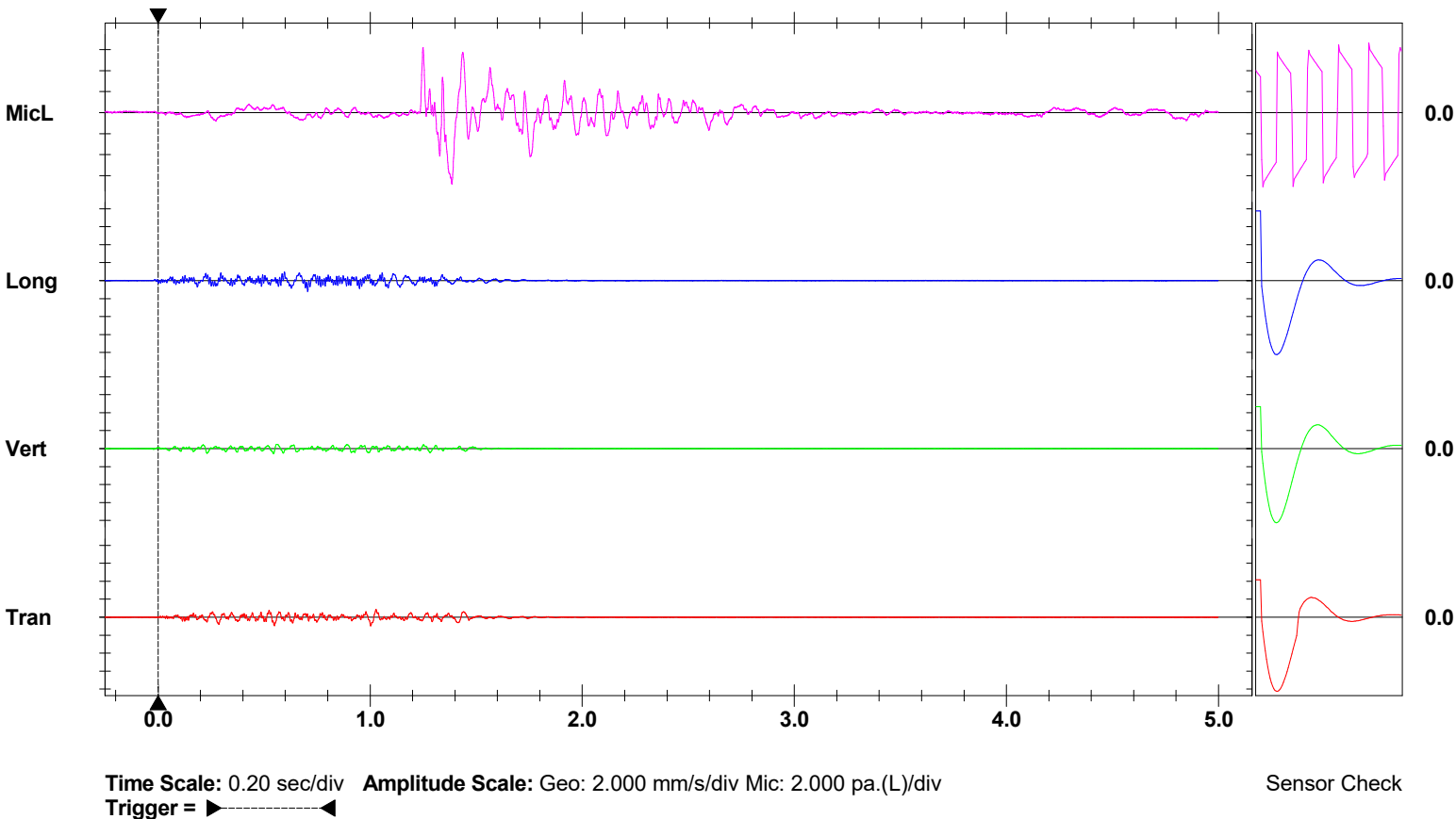
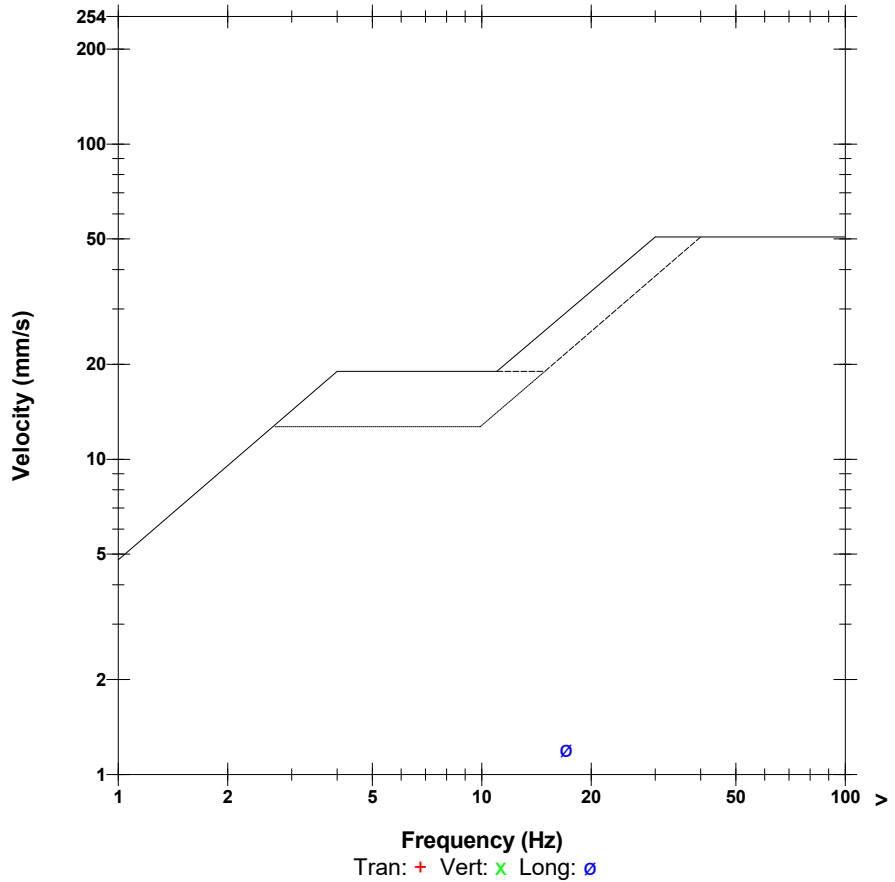
Location
Client
Company
General Notes

Microphone Linear Weighting
PSPL 110.6 dB(L) at 1.386 sec
ZC Freq 8.1 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1551 mv)

	Tran	Vert	Long	
PPV	0.962	0.560	1.206	mm/s
ZC Freq	18	21	17	Hz
Time (Rel. to Trig)	1.002	0.545	0.705	sec
Peak Acceleration	0.027	0.016	0.039	g
Peak Displacement	0.007	0.004	0.008	mm
Sensor Check	Passed	Passed	Passed	
Frequency	8.2	7.7	7.3	Hz
Overswing Ratio	3.7	3.1	3.6	

Peak Vector Sum 1.245 mm/s at 0.705 sec

USBM RI8507 And OSMRE



Date/Time Vert at 11:59:37 December 4, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.00 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Operator/Setup: Operator/UM11466.mmb

Serial Number UM11466 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 15, 2025 by Saros Int
File Name UM11466_20251204115937.IDFW

Notes

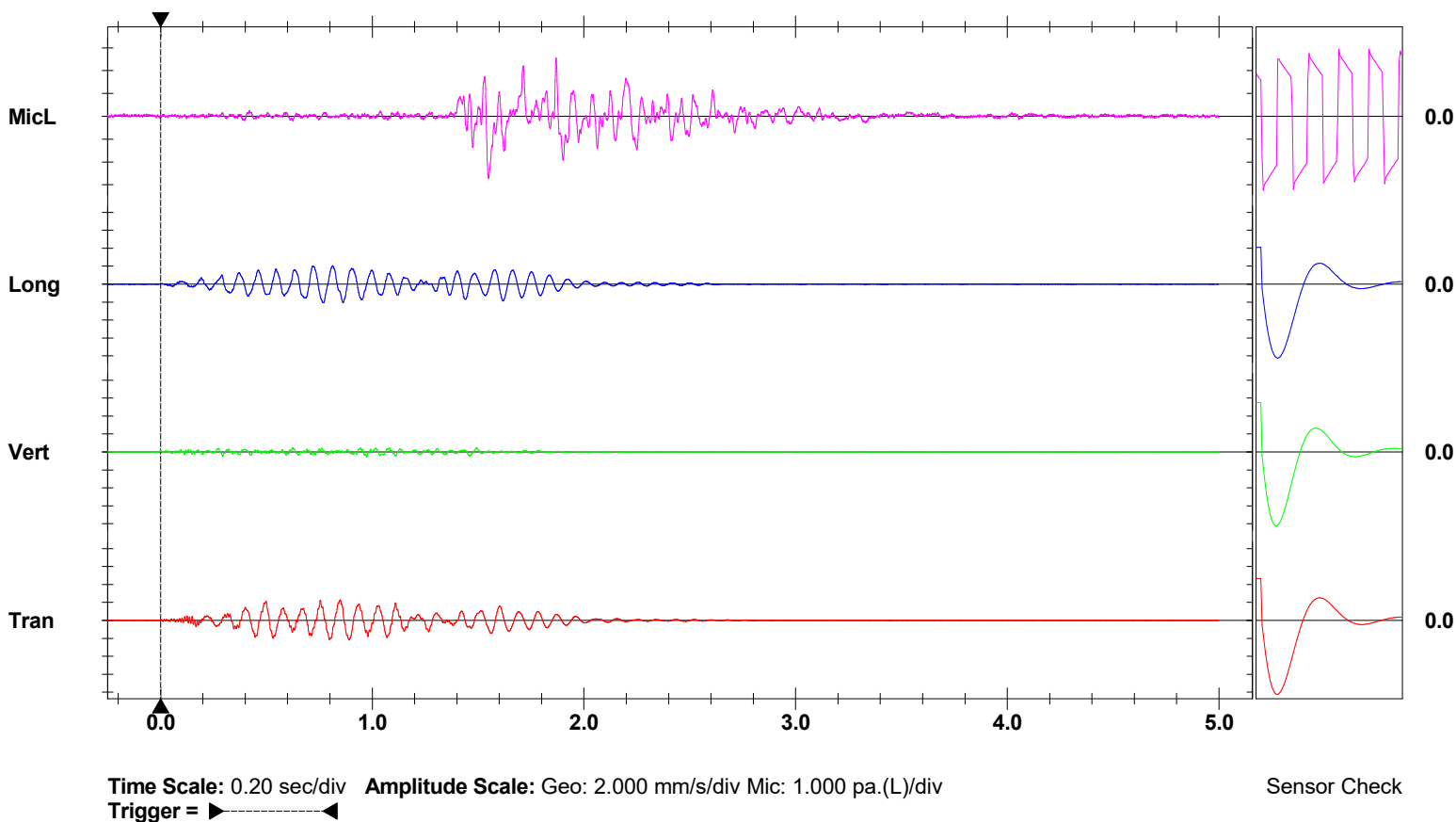
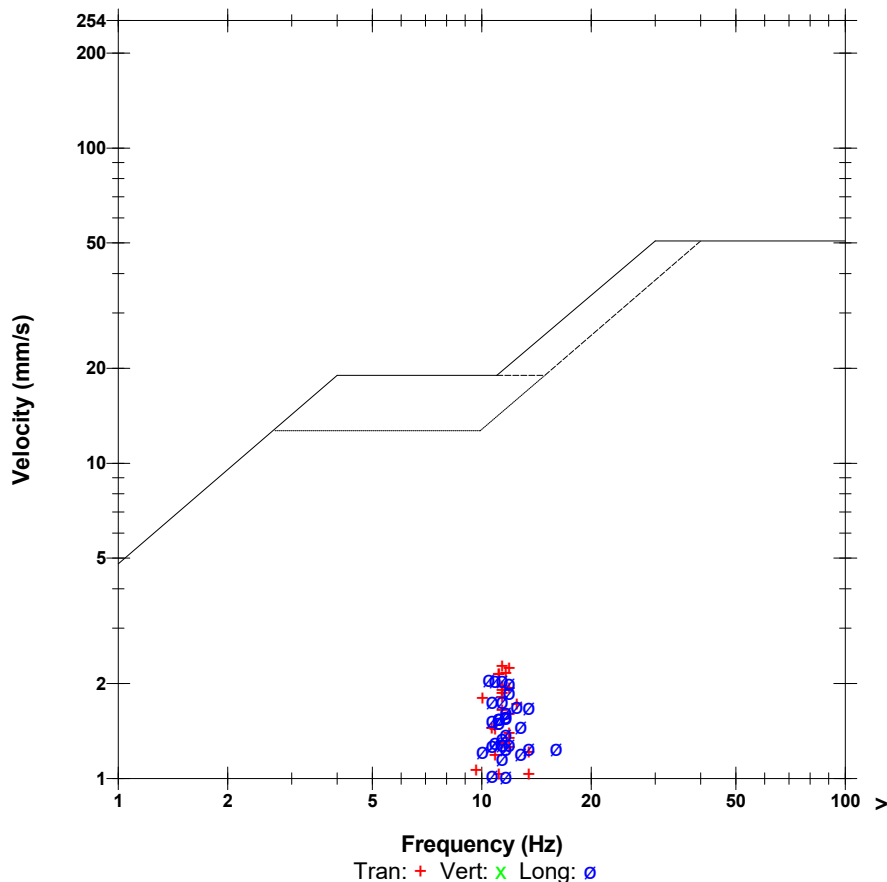
Location
 Client
 Company
 General Notes

Microphone Linear Weighting
PSPL 102.7 dB(L) at 1.550 sec
ZC Freq 9.7 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1405 mv)

	Tran	Vert	Long	
PPV	2.278	0.520	2.073	mm/s
ZC Freq	11	18	10	Hz
Time (Rel. to Trig)	0.848	0.974	0.863	sec
Peak Acceleration	0.045	0.019	0.039	g
Peak Displacement	0.031	0.004	0.029	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.9	7.3	Hz
Overswing Ratio	3.3	3.1	3.5	

Peak Vector Sum 2.689 mm/s at 0.757 sec

USBM RI8507 And OSMRE



Date/Time Vert at 11:59:54 December 4, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.00 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Operator/Setup: Operator/UM11464.mmb

Serial Number UM11464 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 15, 2025 by Saros Int
File Name UM11464_20251204115954.IDFW

Notes

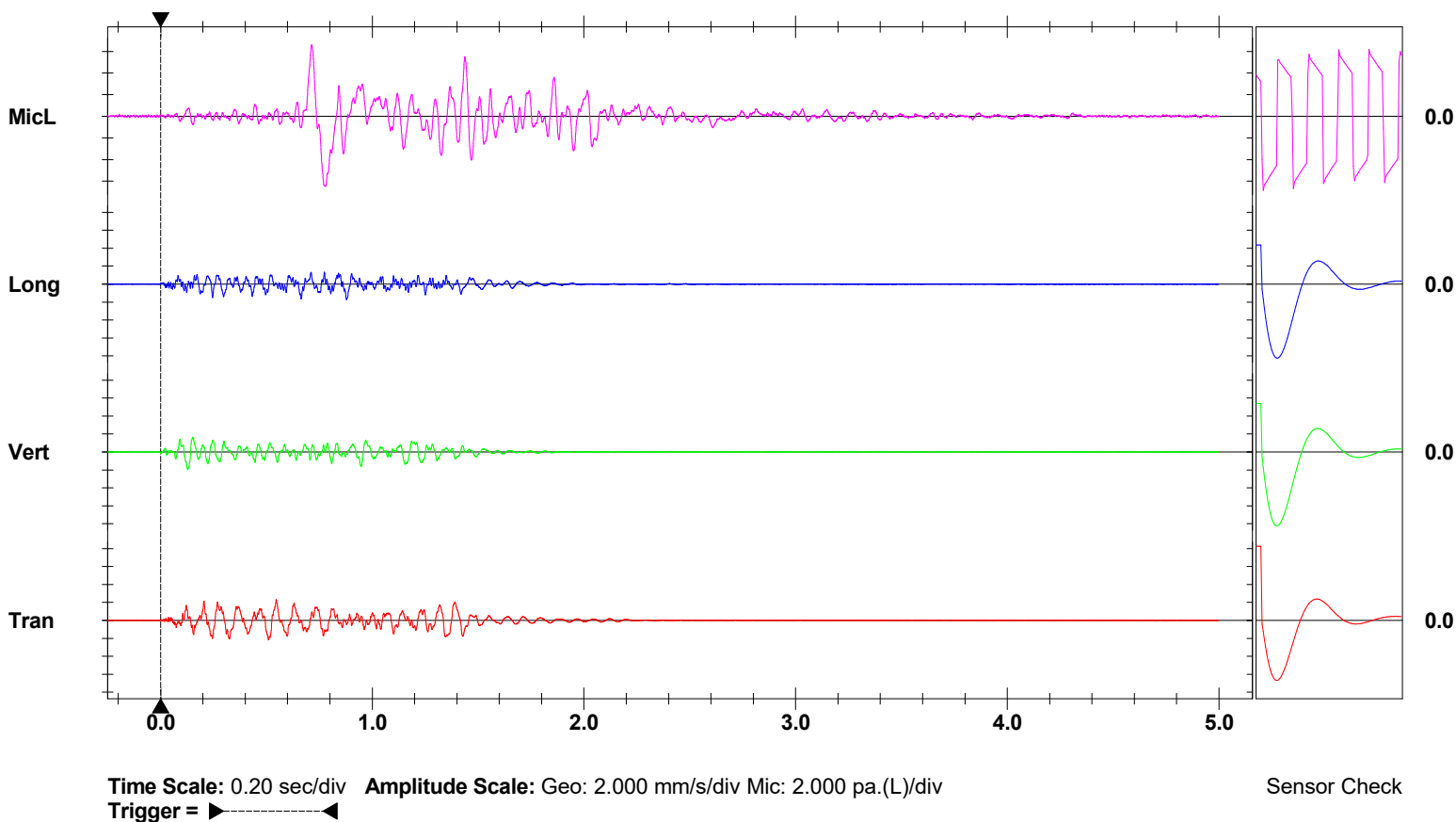
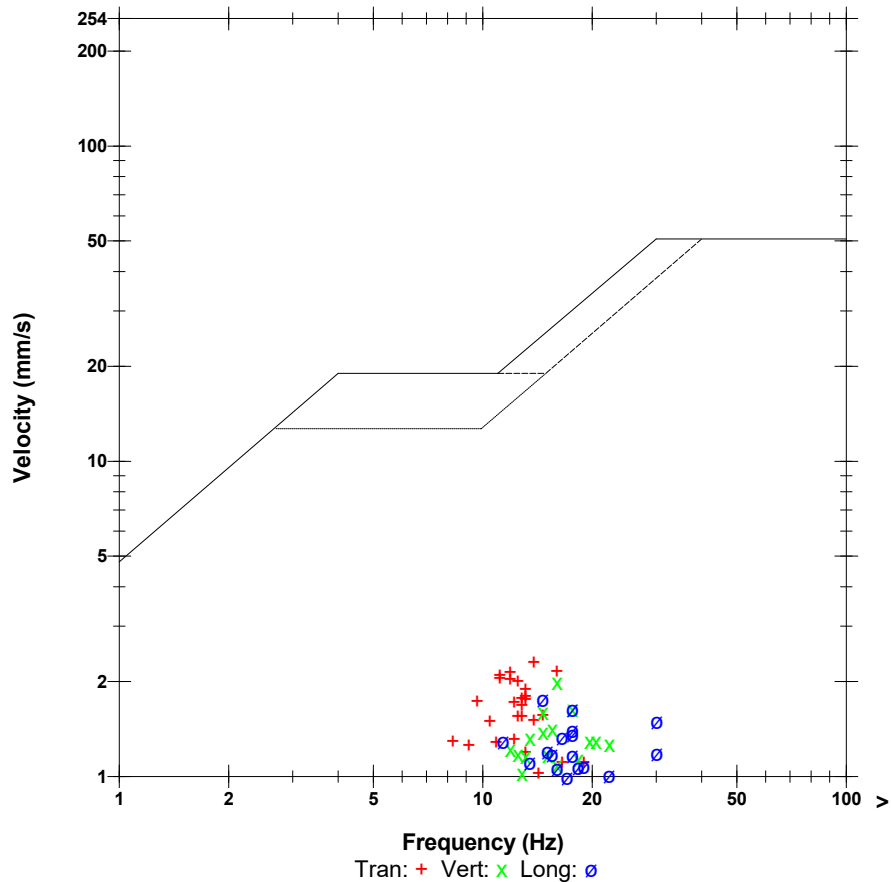
Location
 Client
 Company
 General Notes

Microphone Linear Weighting
PSPL 110.4 dB(L) at 0.714 sec
ZC Freq 7.9 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1412 mv)

	Tran	Vert	Long	
PPV	2.301	1.994	1.758	mm/s
ZC Freq	14	16	15	Hz
Time (Rel. to Trig)	0.547	0.128	0.878	sec
Peak Acceleration	0.044	0.041	0.041	g
Peak Displacement	0.026	0.019	0.014	mm
Sensor Check	Check	Passed	Passed	
Frequency	7.9	7.7	7.5	Hz
Overswing Ratio	2.8	3.1	3.2	

Peak Vector Sum 2.801 mm/s at 0.246 sec

USBM RI8507 And OSMRE



Date/Time Tran at 12:00:04 December 4, 2025
Trigger Source Geo: 0.130 mm/s
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps

Serial Number BE16020 V 10.72-1.1 Minimate Blaster
Battery Level 6.2 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name R020LCWK.040

Notes

Microphone Linear Weighting
PSPL 97.5 dB(L) at 3.078 sec
ZC Freq 3.7 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 477 mv)

	Tran	Vert	Long	
PPV	0.524	0.222	0.238	mm/s
ZC Freq	26	47	13	Hz
Time (Rel. to Trig)	1.259	0.507	1.337	sec
Peak Acceleration	0.012	0.008	0.008	g
Peak Displacement	0.005	0.001	0.002	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.2	7.4	7.7	Hz
Overswing Ratio	3.7	3.6	3.8	

Peak Vector Sum 0.548 mm/s at 1.237 sec

USBM RI8507 And OSMRE

