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REF: BN07/25

Date: 21st May 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, Wednesday, 21st May 2025, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Goodsells Residence which recorded 113.8 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 3.668mm/s at the Goodsell Residence. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 116.3 dB at Commercial Properties. The commerical ground vibrations were also below the commercial limits of 25mm/s with the highest reading 4.275mm/s at the Commercial Properties.

Regards

A handwritten signature in black ink, appearing to be 'Budd Green', written in a cursive style.

**Budd Green
0418 112 776**

Date/Time Vert at 12:30:01 May 21, 2025
Trigger Source Geo: 0.130 mm/s, Mic: 100.0 dB(L)
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps
Job Number: 1

Serial Number BE15377 V 10.72-1.1 Minimate Blaster
Battery Level 6.2 Volts
Unit Calibration February 3, 2025 by Saros Int.
File Name Q377L2RS.210

Notes

Location:
 Client:
 User Name:
 General:

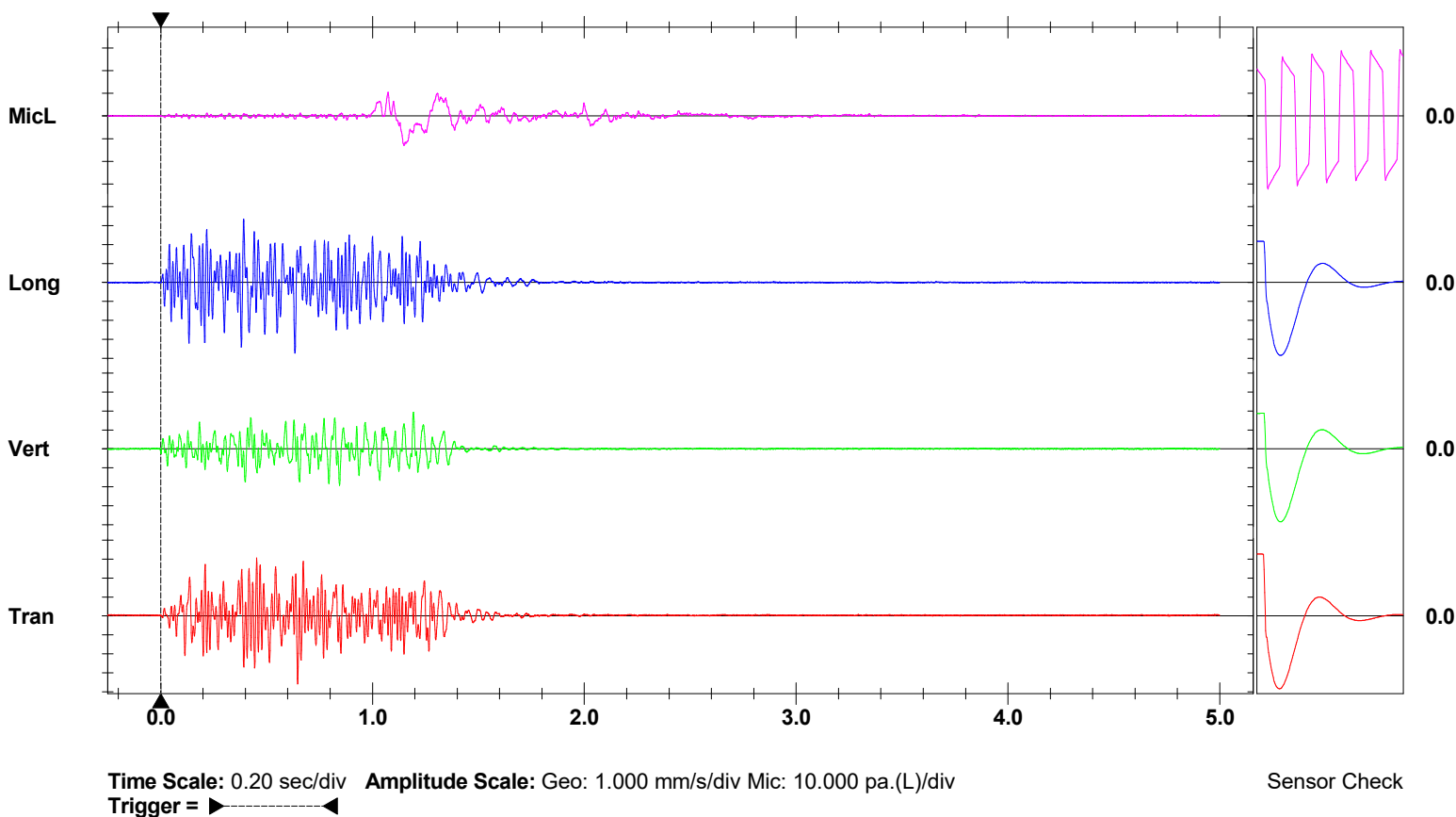
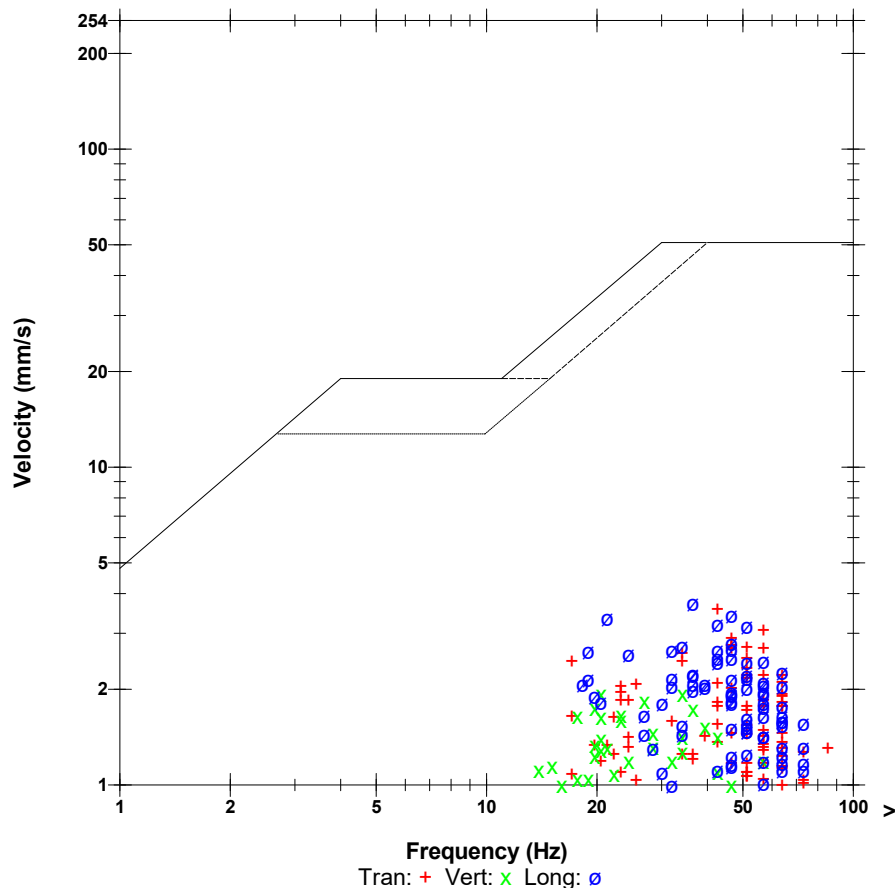
Extended Notes

Microphone Linear Weighting
PSPL 116.3 dB(L) at 1.147 sec
ZC Freq 3.2 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 614 mv)

	Tran	Vert	Long	
PPV	3.588	1.937	3.731	mm/s
ZC Freq	43	20	37	Hz
Time (Rel. to Trig)	0.646	0.845	0.634	sec
Peak Acceleration	0.099	0.050	0.103	g
Peak Displacement	0.016	0.012	0.016	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.2	7.1	Hz
Overswing Ratio	3.9	3.9	3.9	

Peak Vector Sum 4.275 mm/s at 0.392 sec

USBM RI8507 And OSMRE



Date/Time Long at 12:30:00 May 21, 2025
Trigger Source Geo: 0.130 mm/s
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps

Serial Number BE15777 V 10.72-1.1 Minimate Blaster
Battery Level 6.2 Volts
Unit Calibration January 16, 2025 by Saros Int.
File Name Q777L2RS.200

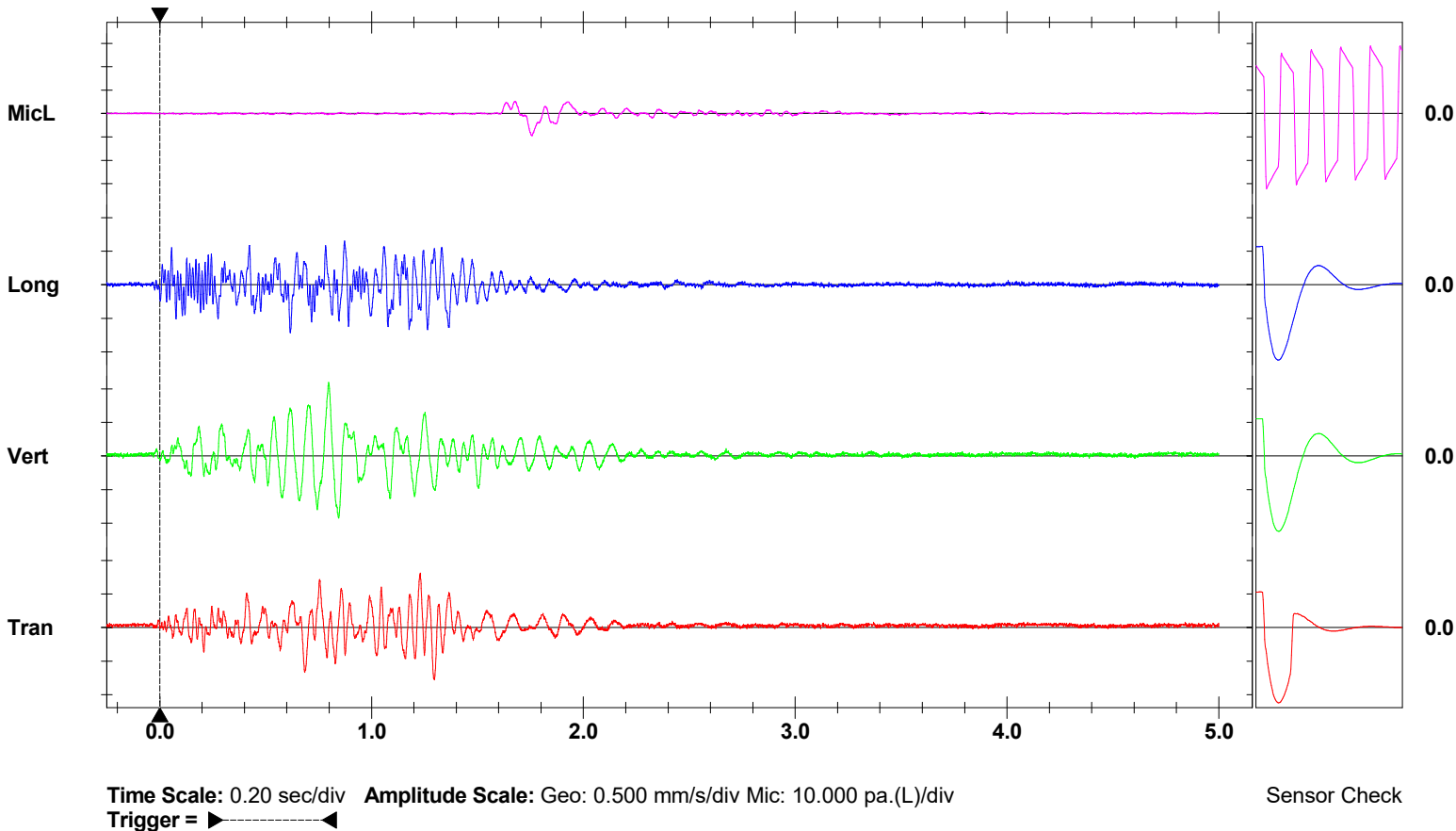
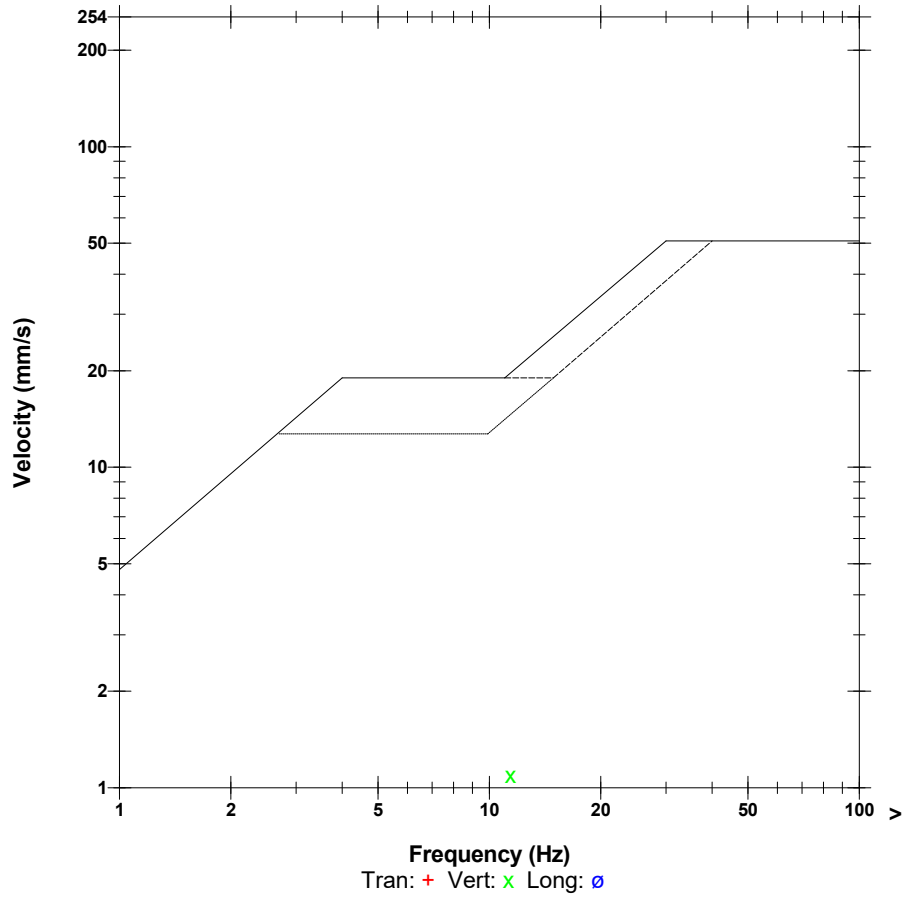
Notes

Microphone Linear Weighting
PSPL 113.5 dB(L) at 1.756 sec
ZC Freq 4.7 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 607 mv)

	Tran	Vert	Long	
PPV	0.810	1.095	0.714	mm/s
ZC Freq	17	11	18	Hz
Time (Rel. to Trig)	1.229	0.798	0.616	sec
Peak Acceleration	0.013	0.010	0.018	g
Peak Displacement	0.007	0.013	0.006	mm
Sensor Check	Check	Passed	Passed	
Frequency	10.6	7.7	7.6	Hz
Overswing Ratio	5.5	3.4	4.0	

Peak Vector Sum 1.098 mm/s at 0.798 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:29:58 May 21, 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 6.3 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name R020L2RS.1Y0

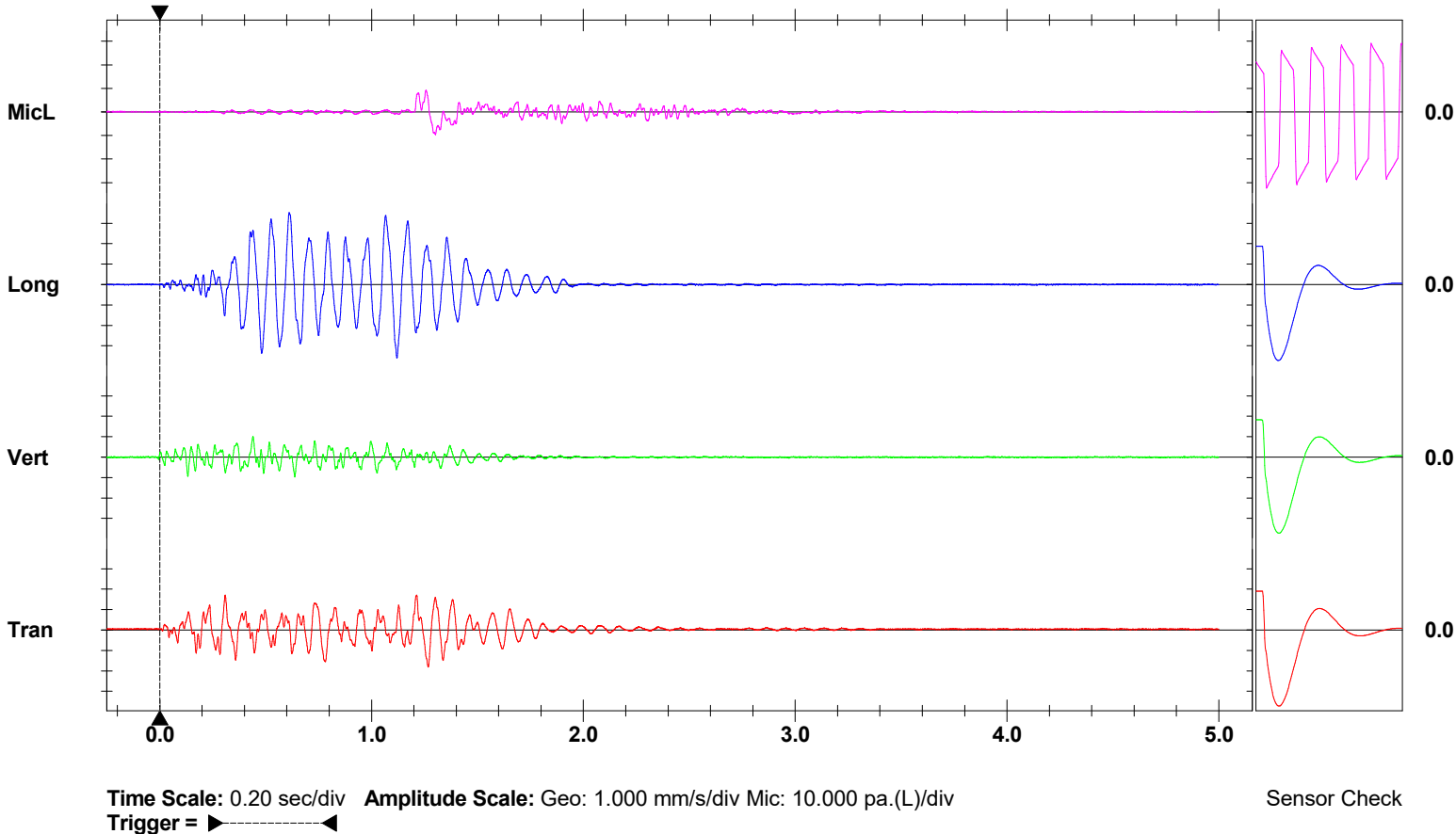
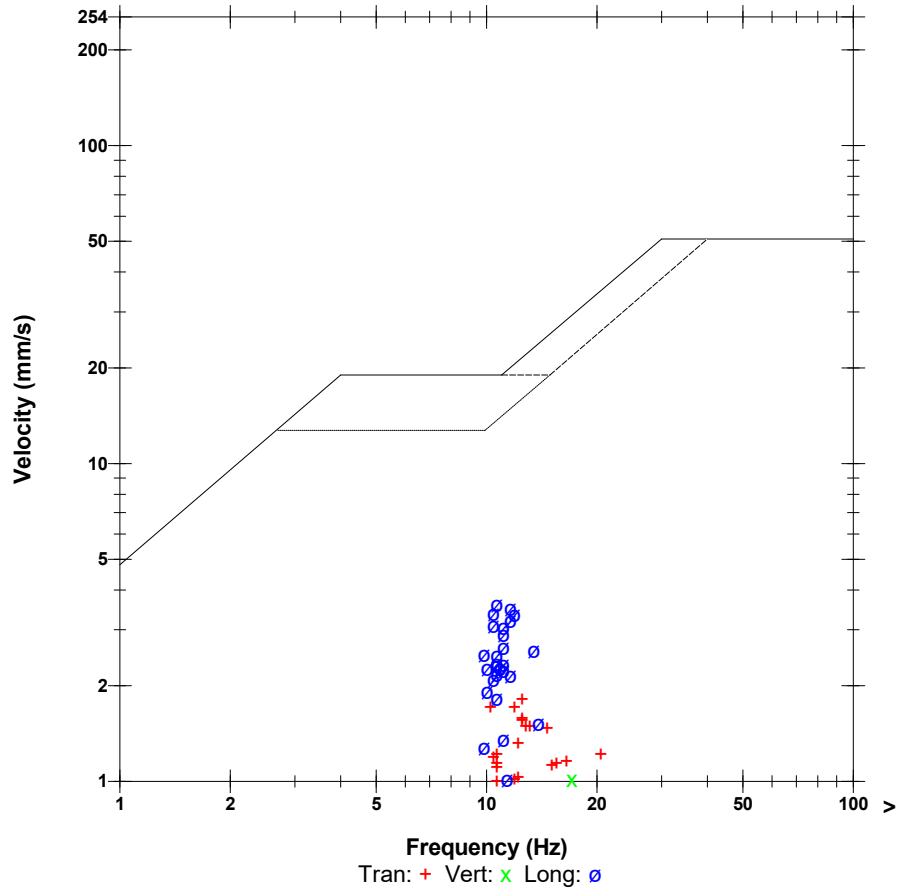
Notes

Microphone Linear Weighting
PSPL 113.8 dB(L) at 1.302 sec
ZC Freq 8.0 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 594 mv)

	Tran	Vert	Long	
PPV	1.810	1.016	3.604	mm/s
ZC Freq	12	17	11	Hz
Time (Rel. to Trig)	1.267	0.440	1.120	sec
Peak Acceleration	0.022	0.020	0.038	g
Peak Displacement	0.020	0.009	0.050	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.6	Hz
Overswing Ratio	3.6	3.8	4.0	

Peak Vector Sum 3.668 mm/s at 1.120 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:30:00 May 21, 2025
Trigger Source Geo: 0.130 mm/s
Range Geo: 31.75 mm/s
Record Time 5.0 sec at 1024 sps

Serial Number BE15569 V 10.72-1.1 Minimate Blaster
Battery Level 6.3 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name Q569L2RS.200

Notes

Microphone Linear Weighting
PSPL 109.2 dB(L) at 2.785 sec
ZC Freq 16 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 568 mv)

	Tran	Vert	Long	
PPV	0.571	0.476	0.762	mm/s
ZC Freq	16	32	32	Hz
Time (Rel. to Trig)	0.854	0.815	0.257	sec
Peak Acceleration	0.012	0.015	0.018	g
Peak Displacement	0.005	0.003	0.004	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.2	7.5	7.4	Hz
Overswing Ratio	3.9	3.8	4.0	

Peak Vector Sum 0.780 mm/s at 0.257 sec

USBM RI8507 And OSMRE

