



ACN 095 243 584

**P.O. Box 192
Oak Flats 2529**

ABN 76 095 243 584

**Telephone: 02 4421 7766
Facsimile: 02 4421 7988**

REF: BN06/25

Date: 21st February 2025

Company: Environmental Protection Agency/Dept Planning

Email: queanbeyan@epa.nsw.gov.au; compliance@planning.nsw.gov.au

Attention: to Whom it may concern

Blast Result Notification

Attached are the blast monitor results for today's blast, Friday, 21st February 2025, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Correctional Facility which recorded 114.6 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 1.959mm/s at the Correctional Facility. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 116.6 dB at Commercial Properties. The commercial ground vibrations were also below the commercial limits of 25mm/s with the highest reading 1.895mm/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 12:00:01 February 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 6.3 Volts
Unit Calibration February 3, 2025 by Saros Int.
File Name Q377KY6X.C10

Notes

Location:
 Client:
 User Name:
 General:

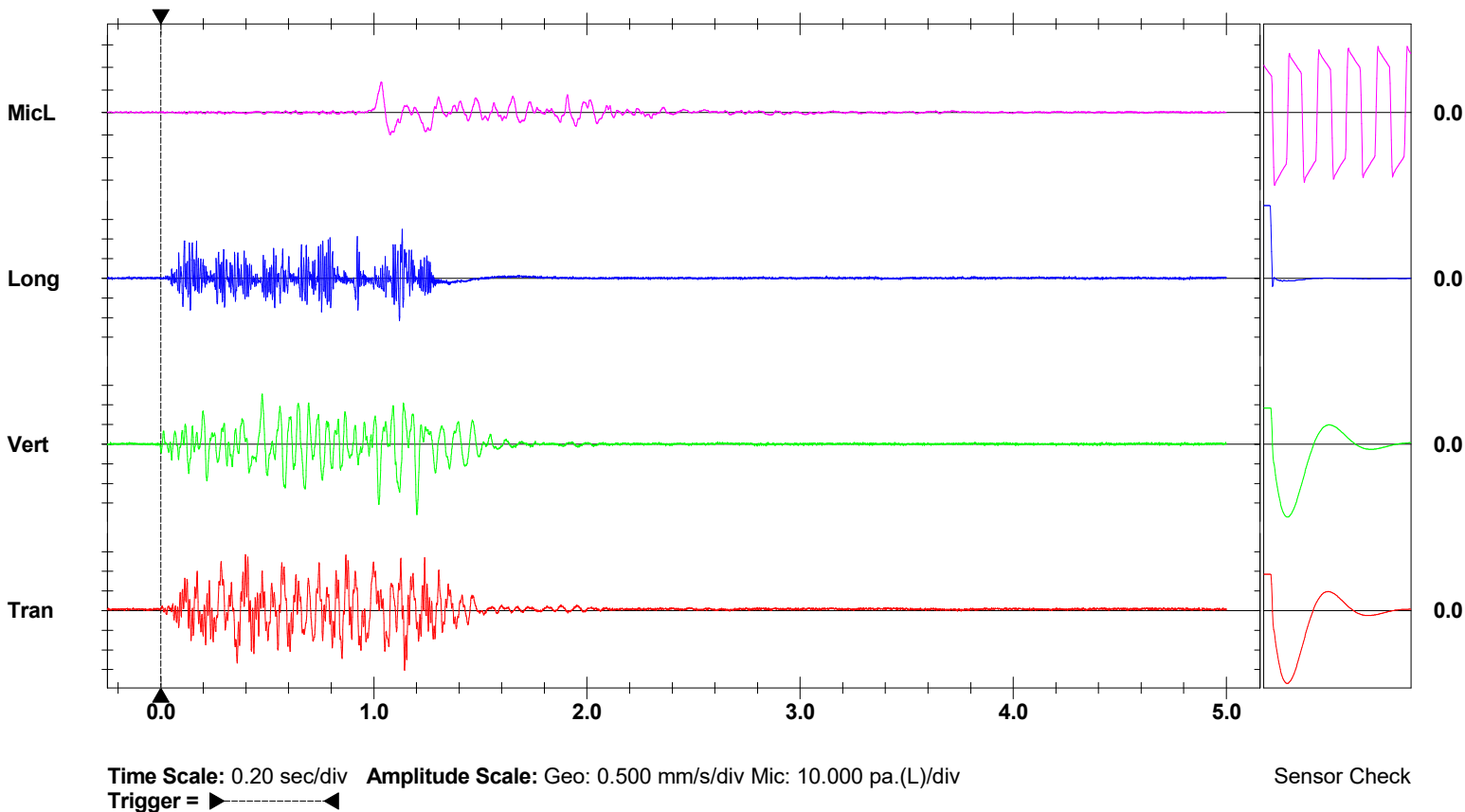
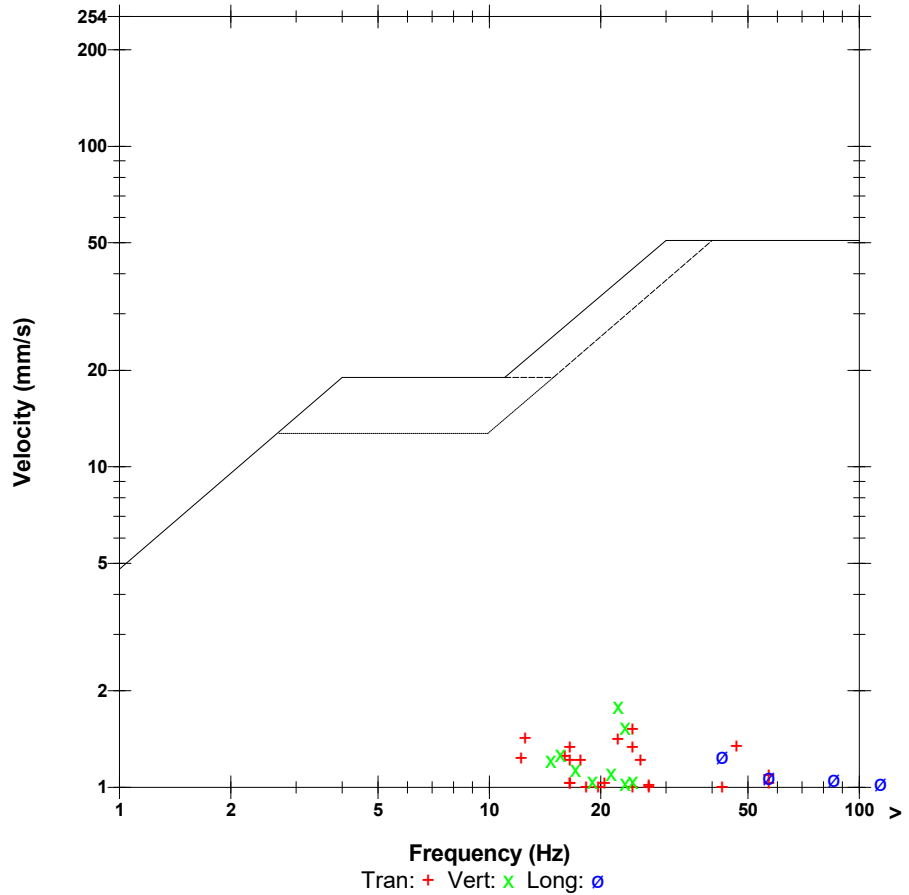
Extended Notes

Microphone Linear Weighting
PSPL 116.6 dB(L) at 1.034 sec
ZC Freq 6.0 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 529 mv)

	Tran	Vert	Long	
PPV	1.524	1.794	1.254	mm/s
ZC Freq	24	22	43	Hz
Time (Rel. to Trig)	1.145	1.201	1.133	sec
Peak Acceleration	0.043	0.028	0.089	g
Peak Displacement	0.014	0.014	0.007	mm
Sensor Check	Passed	Passed	Check	
Frequency	7.3	7.2	6.9	Hz
Overswing Ratio	3.9	3.8	4.7	

Peak Vector Sum 1.895 mm/s at 1.145 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:00:01 February 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 6.3 Volts
Unit Calibration January 16, 2025 by Saros Int.
File Name Q777KY6X.C10

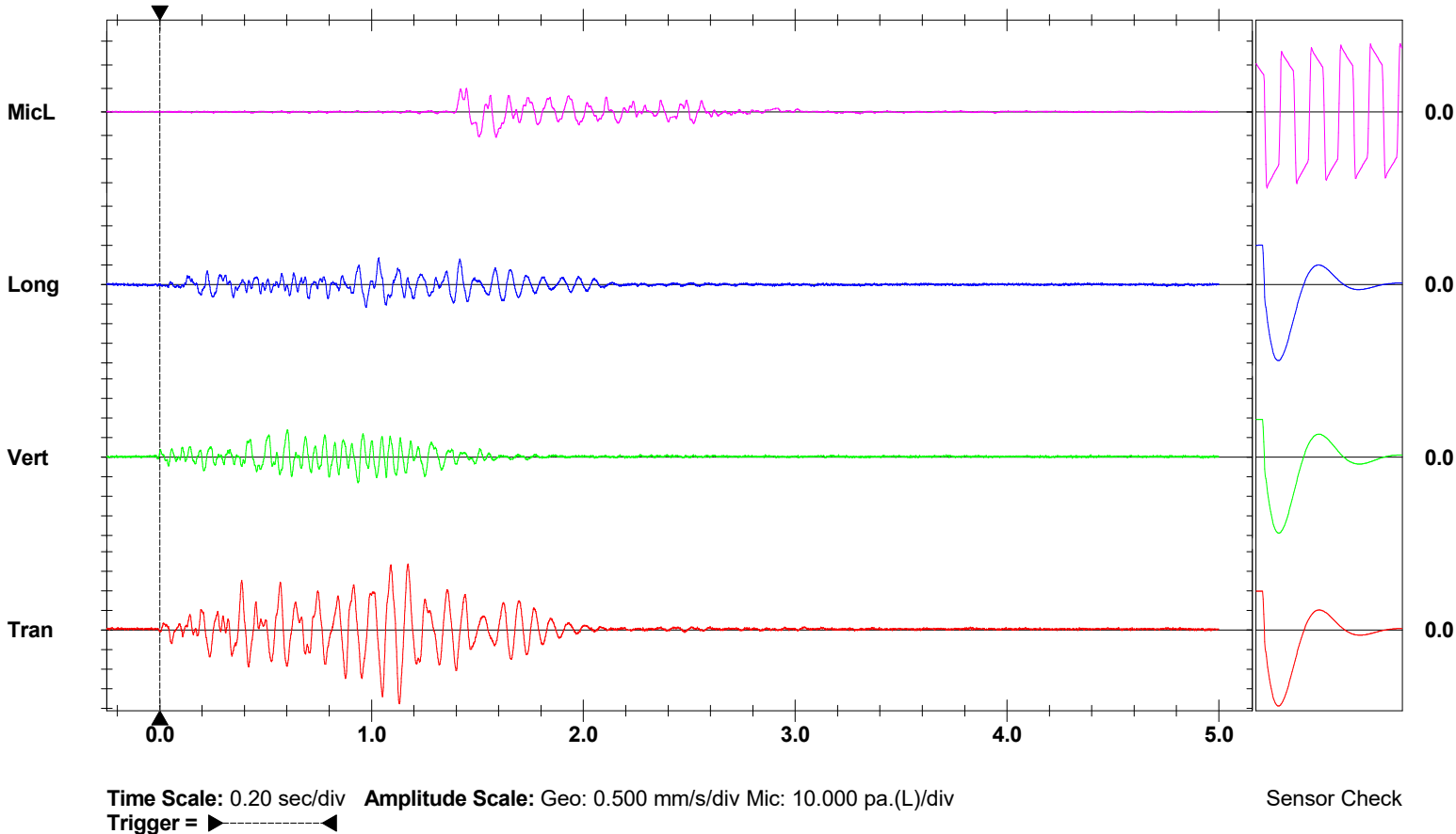
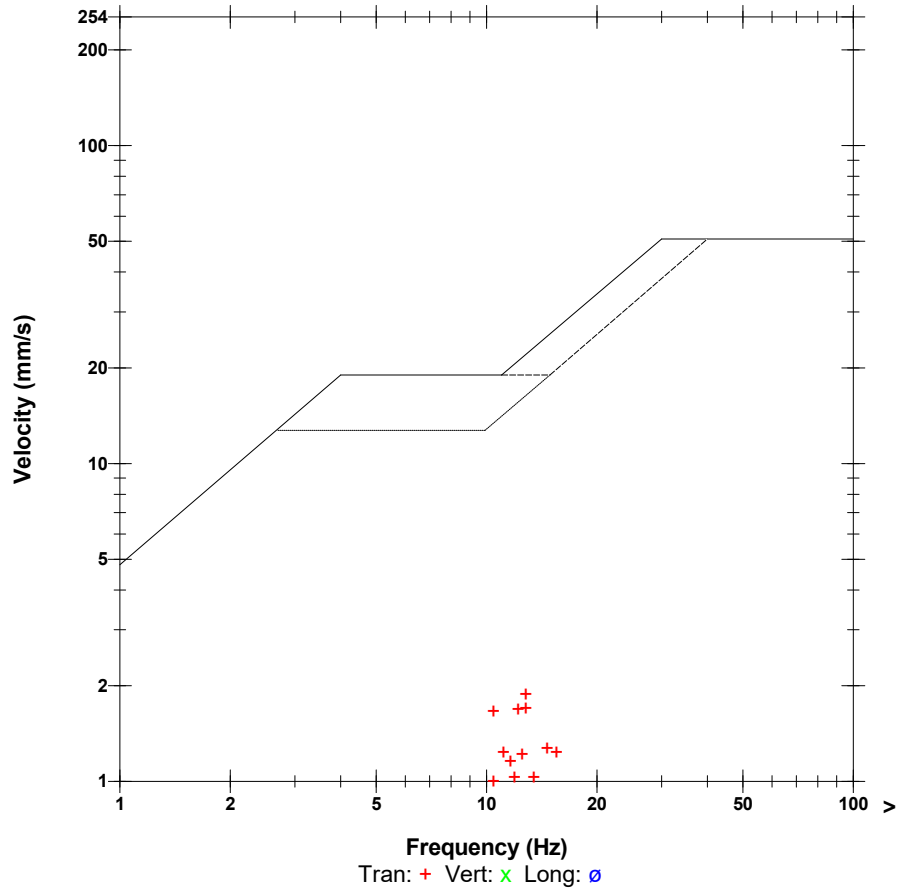
Notes

Microphone Linear Weighting
PSPL 114.6 dB(L) at 1.587 sec
ZC Freq 7.8 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 487 mv)

	Tran	Vert	Long	
PPV	1.889	0.698	0.683	mm/s
ZC Freq	13	17	13	Hz
Time (Rel. to Trig)	1.132	0.603	1.034	sec
Peak Acceleration	0.018	0.013	0.010	g
Peak Displacement	0.022	0.007	0.007	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.6	7.6	Hz
Overswing Ratio	3.8	3.3	4.0	

Peak Vector Sum 1.959 mm/s at 1.132 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:00:01 February 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 6.5 Volts
Unit Calibration January 15, 2025 by Saros Int.
File Name Q569KY6X.C10

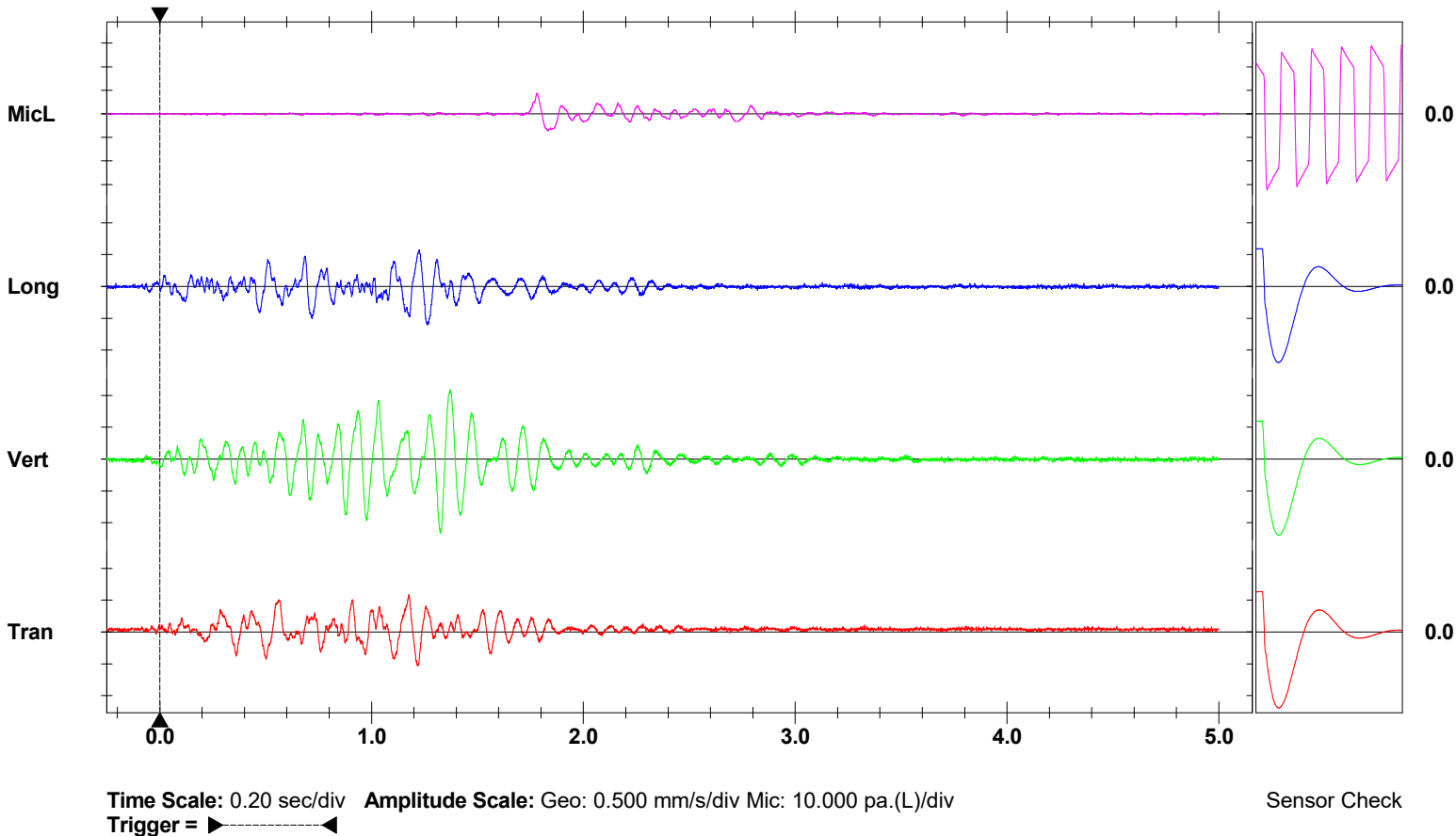
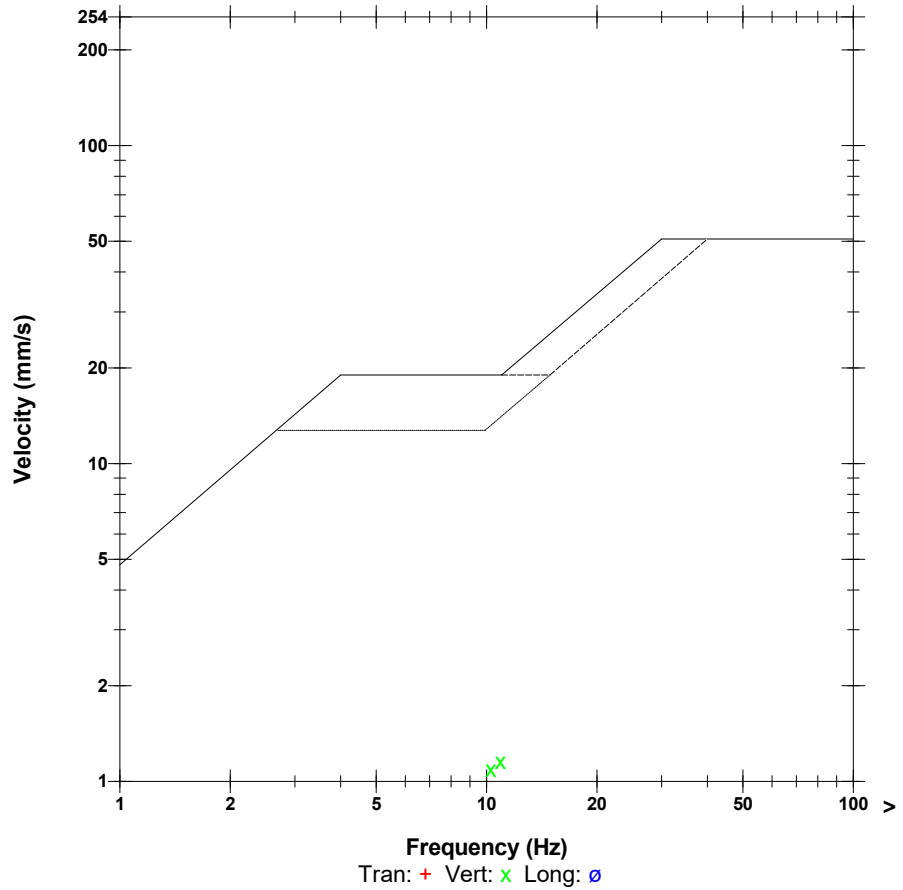
Notes

Microphone Linear Weighting
PSPL 112.8 dB(L) at 1.779 sec
ZC Freq 7.9 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 545 mv)

	Tran	Vert	Long	
PPV	0.587	1.159	0.603	mm/s
ZC Freq	8.5	11	11	Hz
Time (Rel. to Trig)	1.177	1.324	1.263	sec
Peak Acceleration	0.008	0.013	0.008	g
Peak Displacement	0.009	0.017	0.009	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.6	Hz
Overswing Ratio	3.5	3.7	3.9	

Peak Vector Sum 1.165 mm/s at 1.324 sec

USBM RI8507 And OSMRE



Date/Time Tran at 12:00:02 February 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 R020KY6X.C20

Notes

Microphone Linear Weighting
PSPL 108.4 dB(L) at 3.005 sec
ZC Freq 7.9 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 524 mv)

	Tran	Vert	Long	
PPV	0.317	0.270	0.397	mm/s
ZC Freq	10	21	27	Hz
Time (Rel. to Trig)	1.546	1.161	0.823	sec
Peak Acceleration	0.010	0.008	0.010	g
Peak Displacement	0.005	0.002	0.005	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.5	Hz
Overswing Ratio	3.8	3.7	3.9	

Peak Vector Sum 0.413 mm/s at 0.823 sec

USBM RI8507 And OSMRE

