



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: BN04/25

Date: 19th November 2024

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, Tuesday, 19th November 2024, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Correctional Facility which recorded 112.8 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 1.355mm/s at the Correctional Facility. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 110.9 dB at Commercial Properties. The commercial ground vibrations were also below the commercial limits of 25mm/s with the highest reading 2.246mm/s at the Commercial Properties.

Regards

Budd Green
0418 112 776

Date/Time Vert at 12:30:03 November 19, 2024
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 6.1 Volts
Unit Calibration January 12, 2024 by Saros Int.
File Name Q377KTCW.230

Notes

Location:
 Client:
 User Name:
 General:

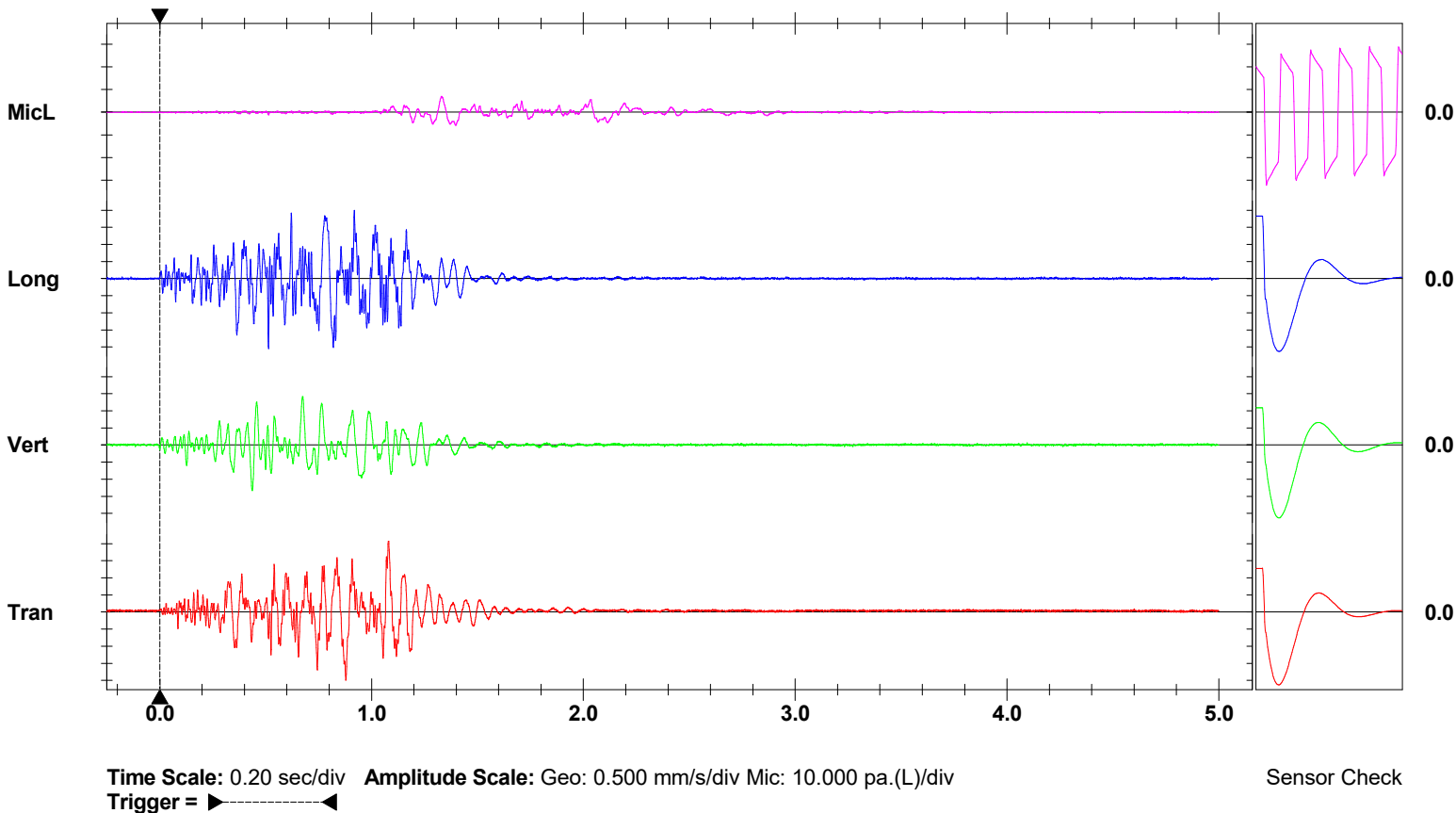
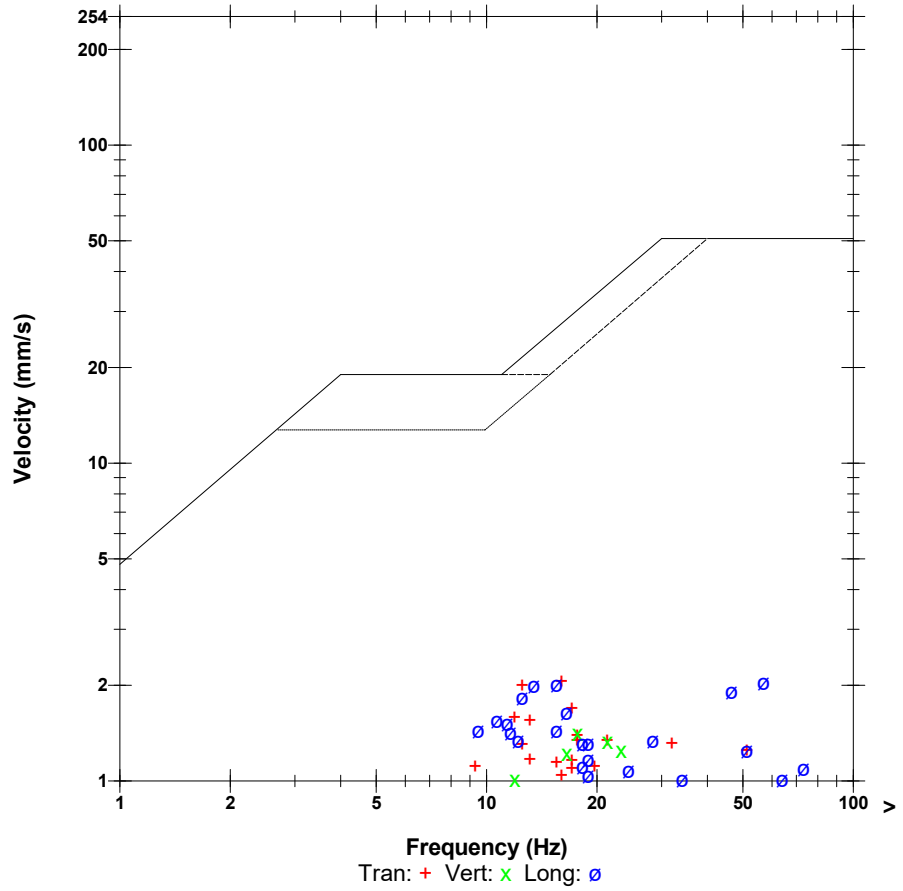
Extended Notes

Microphone Linear Weighting
PSPL 110.9 dB(L) at 1.329 sec
ZC Freq 12 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 600 mv)

	Tran	Vert	Long	
PPV	2.064	1.413	2.048	mm/s
ZC Freq	16	18	57	Hz
Time (Rel. to Trig)	1.079	0.674	0.514	sec
Peak Acceleration	0.050	0.025	0.068	g
Peak Displacement	0.021	0.016	0.026	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.6	7.2	Hz
Overswing Ratio	3.9	3.3	3.9	

Peak Vector Sum 2.246 mm/s at 0.918 sec

USBM RI8507 And OSMRE



Date/Time Vert at 12:30:03 November 19, 2024
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 6.1 Volts
Unit Calibration January 12, 2024 by Saros Int.
File Name Q777KTCW.230

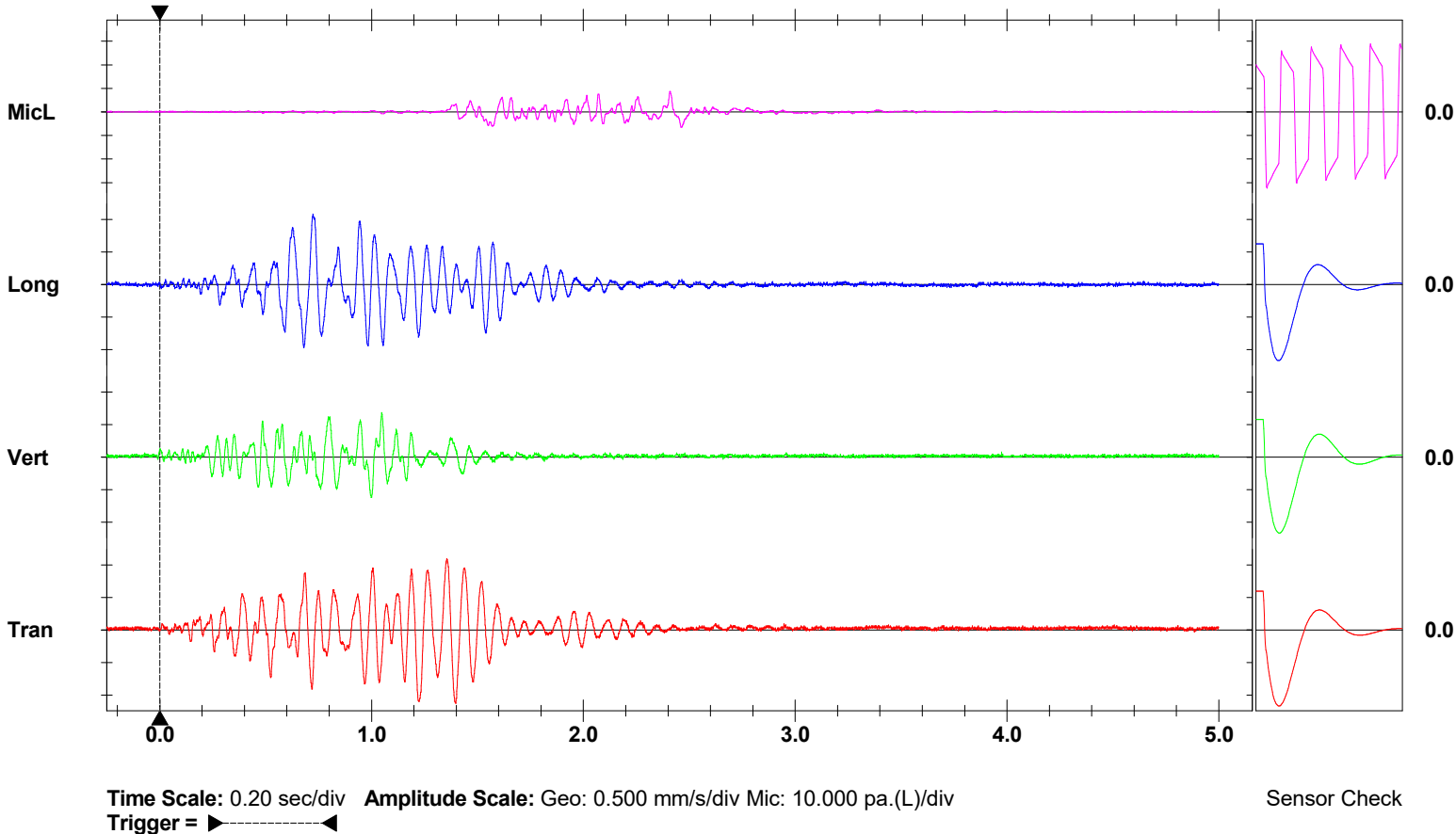
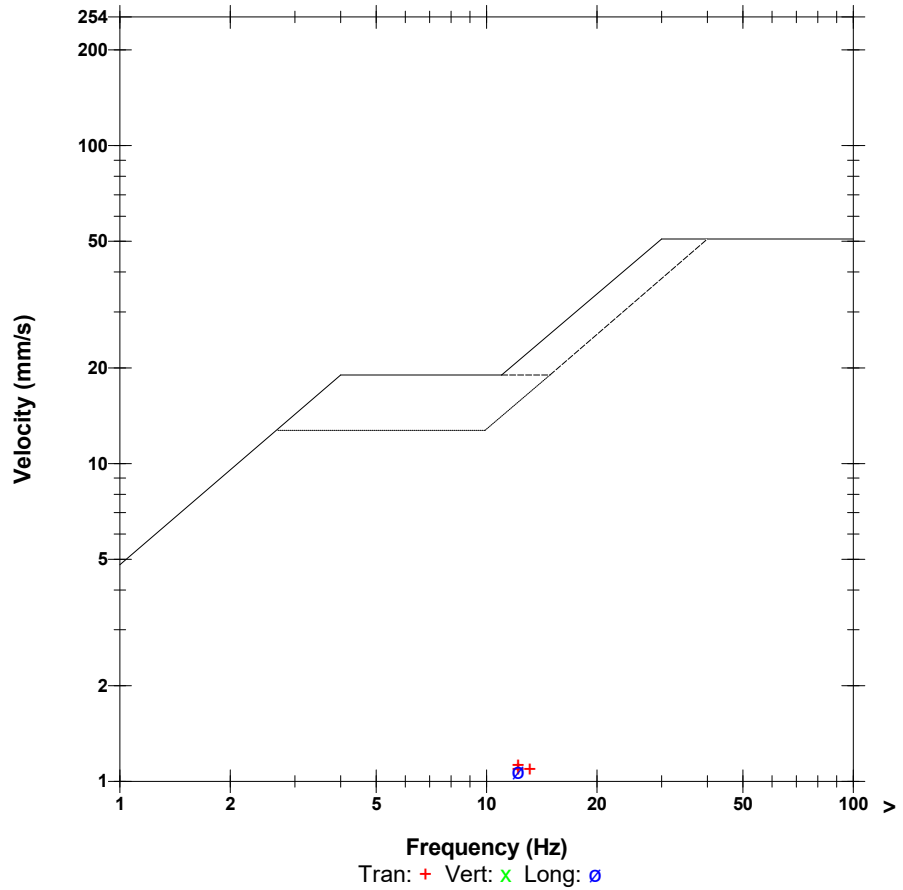
Notes

Microphone Linear Weighting
PSPL 112.8 dB(L) at 2.408 sec
ZC Freq 9.0 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 576 mv)

	Tran	Vert	Long	
PPV	1.127	0.683	1.079	mm/s
ZC Freq	12	10	12	Hz
Time (Rel. to Trig)	1.397	1.048	0.724	sec
Peak Acceleration	0.013	0.012	0.012	g
Peak Displacement	0.014	0.008	0.014	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.6	Hz
Overswing Ratio	3.8	3.3	3.9	

Peak Vector Sum 1.355 mm/s at 1.223 sec

USBM RI8507 And OSMRE



Date/Time Long at 12:30:04 November 18, 2024
Trigger Source Geo: 0.700 mm/s, Mic: 130.8 dB(L)
Range Geo: 254.0 mm/s
Record Time 5.0 sec at 1024 sps
Job Number: 1

Serial Number BE16158 V 10.72-1.1 Minimate Blaster
Battery Level 6.0 Volts
Unit Calibration January 12, 2024 by Saros Int.
File Name R158KTB1.E40

Notes

Location:
 Client:
 User Name:
 General:

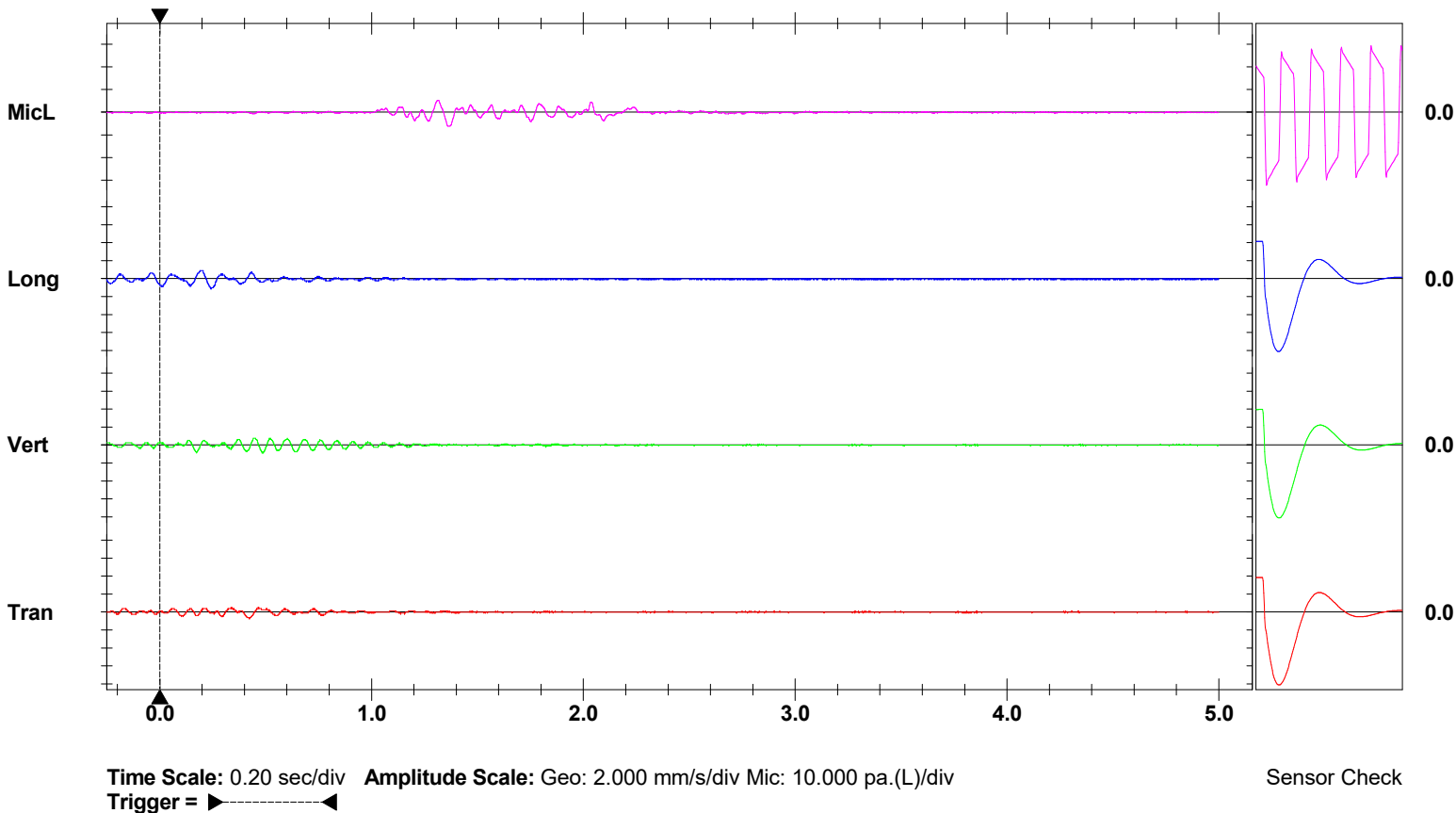
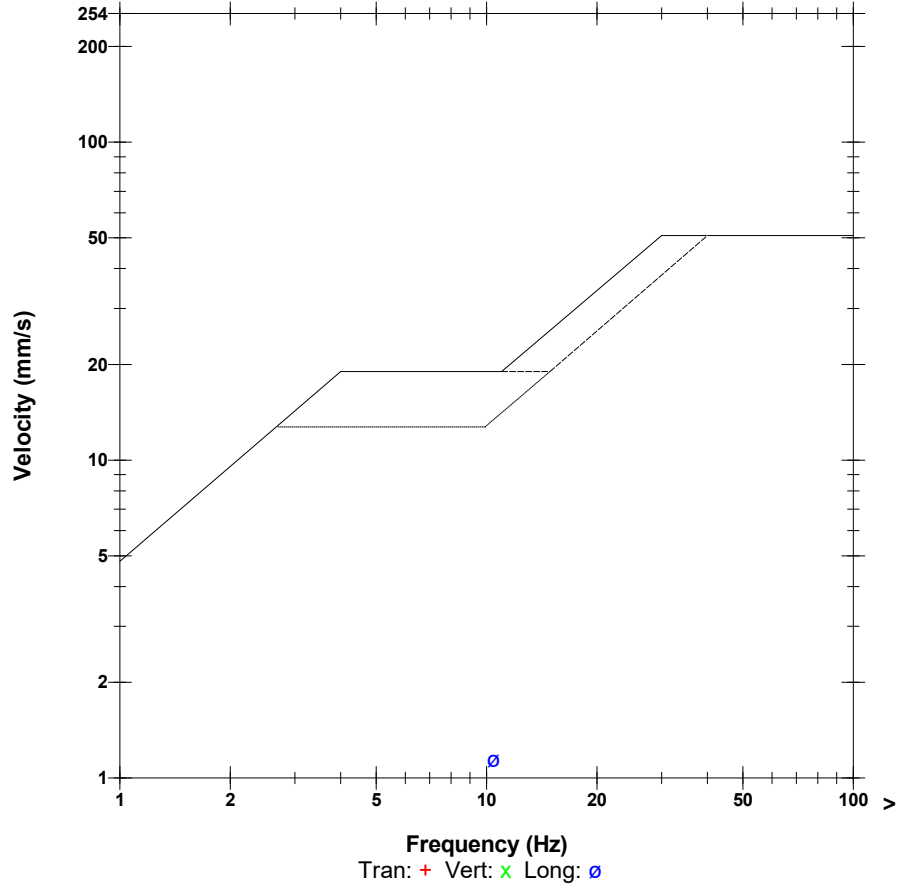
Extended Notes

Microphone Linear Weighting
PSPL 109.9 dB(L) at 1.360 sec
ZC Freq 9.8 Hz
Channel Test Passed (Freq = 20.1 Hz Amp = 533 mv)

	Tran	Vert	Long	
PPV	0.762	0.889	1.143	mm/s
ZC Freq	11	15	10	Hz
Time (Rel. to Trig)	0.421	0.174	0.241	sec
Peak Acceleration	0.027	0.027	0.027	g
Peak Displacement	0.011	0.010	0.018	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.4	7.4	7.5	Hz
Overswing Ratio	3.8	3.7	3.9	

Peak Vector Sum 1.157 mm/s at 0.241 sec

USBM RI8507 And OSMRE



Date/Time Tran at 12:30:03 November 19, 2024
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 12, 2024 by Saros Int.
File Name R020KTCW.230

Notes

Microphone Linear Weighting
PSPL 101.9 dB(L) at 3.456 sec
ZC Freq 10 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 558 mv)

	Tran	Vert	Long	
PPV	0.302	0.190	0.222	mm/s
ZC Freq	11	51	22	Hz
Time (Rel. to Trig)	1.120	0.303	0.447	sec
Peak Acceleration	0.008	0.008	0.010	g
Peak Displacement	0.004	0.001	0.002	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.2	7.5	7.4	Hz
Overswing Ratio	3.8	3.7	3.9	

Peak Vector Sum 0.316 mm/s at 0.359 sec

USBM RI8507 And OSMRE

