



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: BN01/26**

**Date: 03<sup>rd</sup> October 2025**

**Company:** Environmental Protection Agency/Dept Planning

**Email:** [queanbeyan@epa.nsw.gov.au](mailto:queanbeyan@epa.nsw.gov.au); [compliance@planning.nsw.gov.au](mailto: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, 03<sup>rd</sup> October 2025, all residential overpressures did not exceed residential threshold of 115.0 dB with the highest reading at the Goodsells Residence which recorded 113.2 dB. The residential ground vibrations did not exceed the residential ground vibration limit of 5mm/s with the highest recording of 2.387mm/s at the Goodsell Residence. All commercial overpressures were also below the threshold of 125.0 dB with the highest reading 116.1 dB at Commercial Properties. The commercial ground vibrations were also below the commercial limits of 25mm/s with the highest reading 2.659mm/s at the Commercial Properties.

Regards

Budd Green  
0418 112 776

**Date/Time** Vert at 12:30:00 October 3, 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** 6.0 Volts  
**Unit Calibration** January 15, 2025 by Saros Int.  
**File Name** Q569L9PS.200

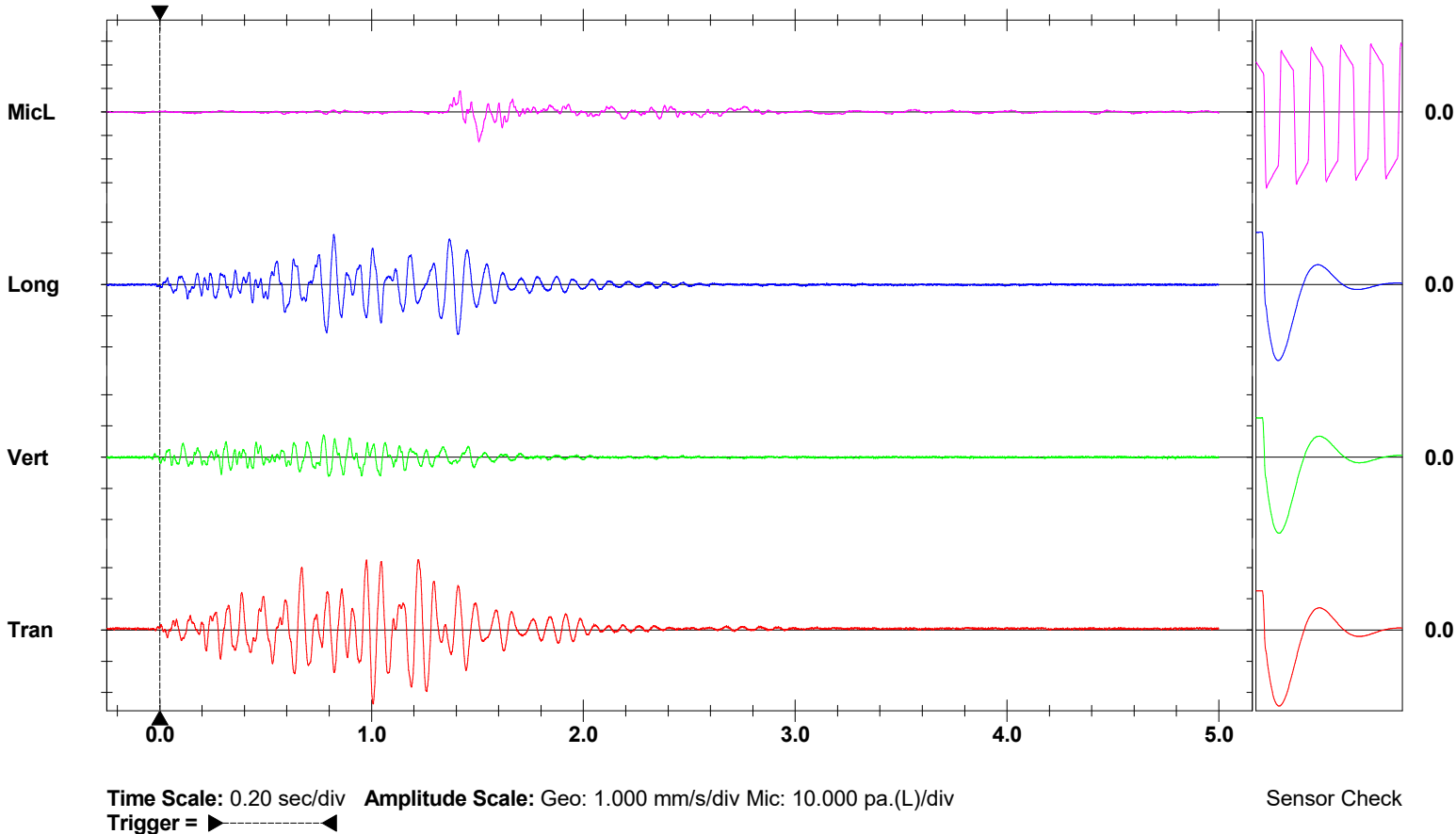
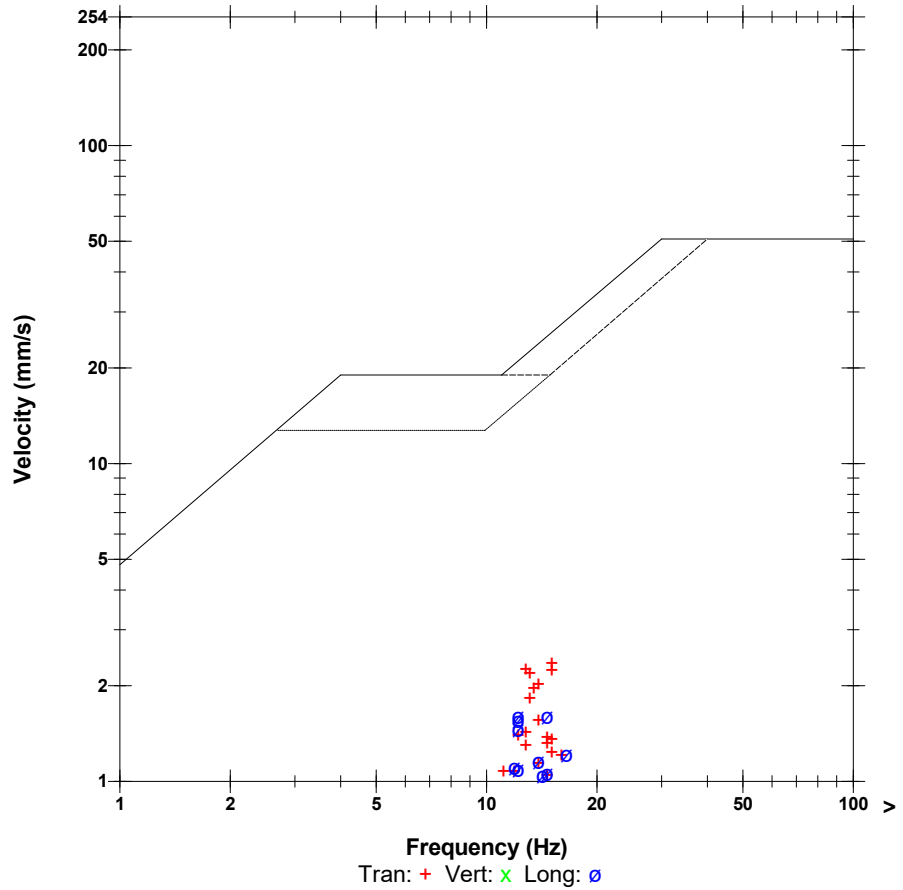
## Notes

**Microphone** Linear Weighting  
**PSPL** 116.1 dB(L) at 1.507 sec  
**ZC Freq** 8.0 Hz  
**Channel Test** Passed (Freq = 19.7 Hz Amp = 505 mv )

|                     | Tran   | Vert   | Long   |      |
|---------------------|--------|--------|--------|------|
| PPV                 | 2.365  | 0.714  | 1.603  | mm/s |
| ZC Freq             | 15     | 19     | 15     | Hz   |
| Time (Rel. to Trig) | 1.006  | 0.773  | 0.821  | sec  |
| Peak Acceleration   | 0.030  | 0.015  | 0.017  | g    |
| Peak Displacement   | 0.029  | 0.006  | 0.021  | mm   |
| Sensor Check        | Passed | Passed | Passed |      |
| Frequency           | 7.5    | 7.5    | 7.7    | Hz   |
| Overswing Ratio     | 3.5    | 3.6    | 3.9    |      |

**Peak Vector Sum** 2.659 mm/s at 1.006 sec

## USBM RI8507 And OSMRE



**Date/Time** Vert at 12:29:49 October 3, 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\_20251003122949.IDFW

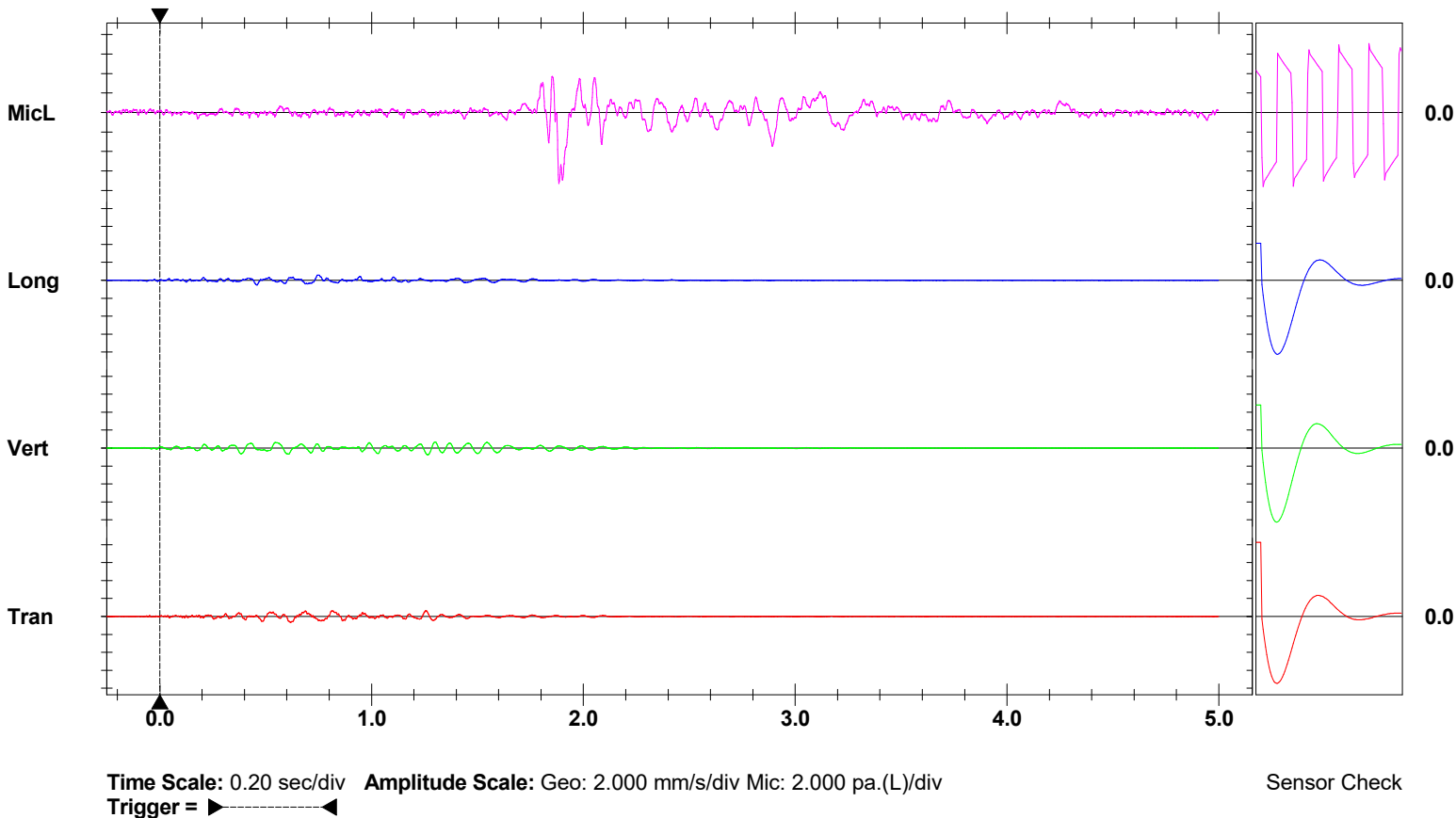
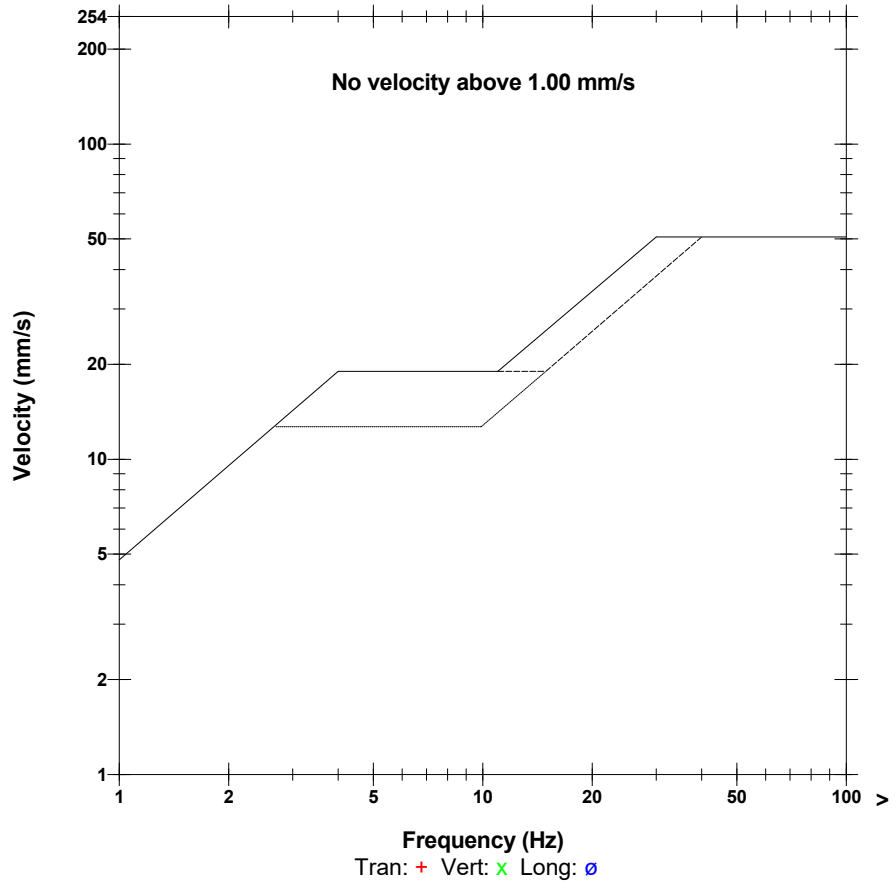
**Notes**  
 Location  
 Client  
 Company  
 General Notes

**Microphone** Linear Weighting  
**PSPL** 111.3 dB(L) at 1.885 sec  
**ZC Freq** 6.9 Hz  
**Channel Test** Passed (Freq = 19.7 Hz Amp = 1507 mv )

|                     | Tran   | Vert   | Long   |      |
|---------------------|--------|--------|--------|------|
| PPV                 | 0.670  | 0.757  | 0.583  | mm/s |
| ZC Freq             | 11     | 13     | 13     | Hz   |
| Time (Rel. to Trig) | 0.616  | 1.266  | 0.745  | sec  |
| Peak Acceleration   | 0.016  | 0.011  | 0.011  | g    |
| Peak Displacement   | 0.011  | 0.011  | 0.008  | mm   |
| Sensor Check        | Passed | Passed | Passed |      |
| Frequency           | 7.5    | 7.7    | 7.3    | Hz   |
| Overswing Ratio     | 3.2    | 3.0    | 3.6    |      |

**Peak Vector Sum** 0.927 mm/s at 1.260 sec

## USBM RI8507 And OSMRE



**Date/Time** Vert at 12:30:02 October 3, 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\_20251003123002.IDFW

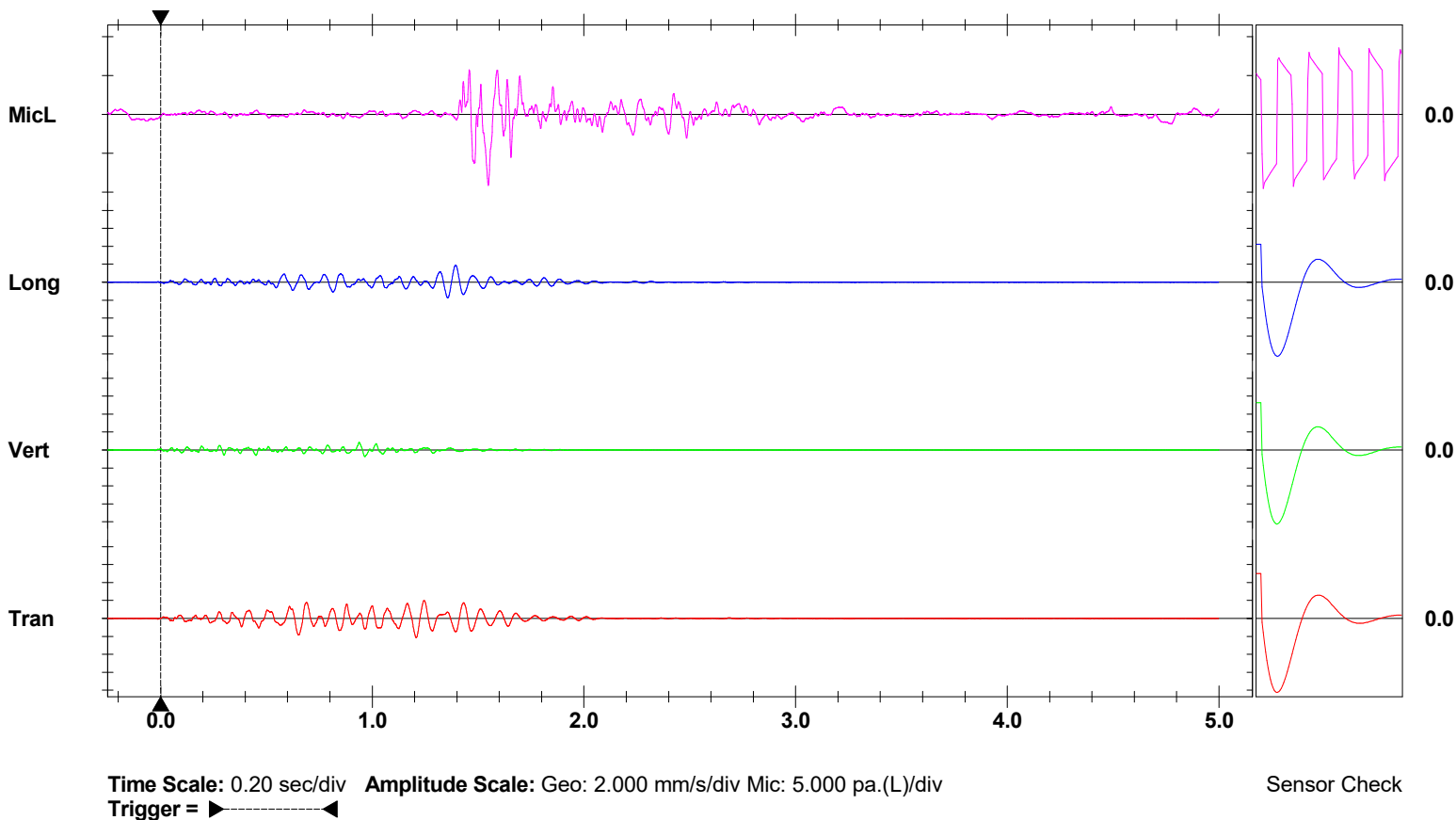
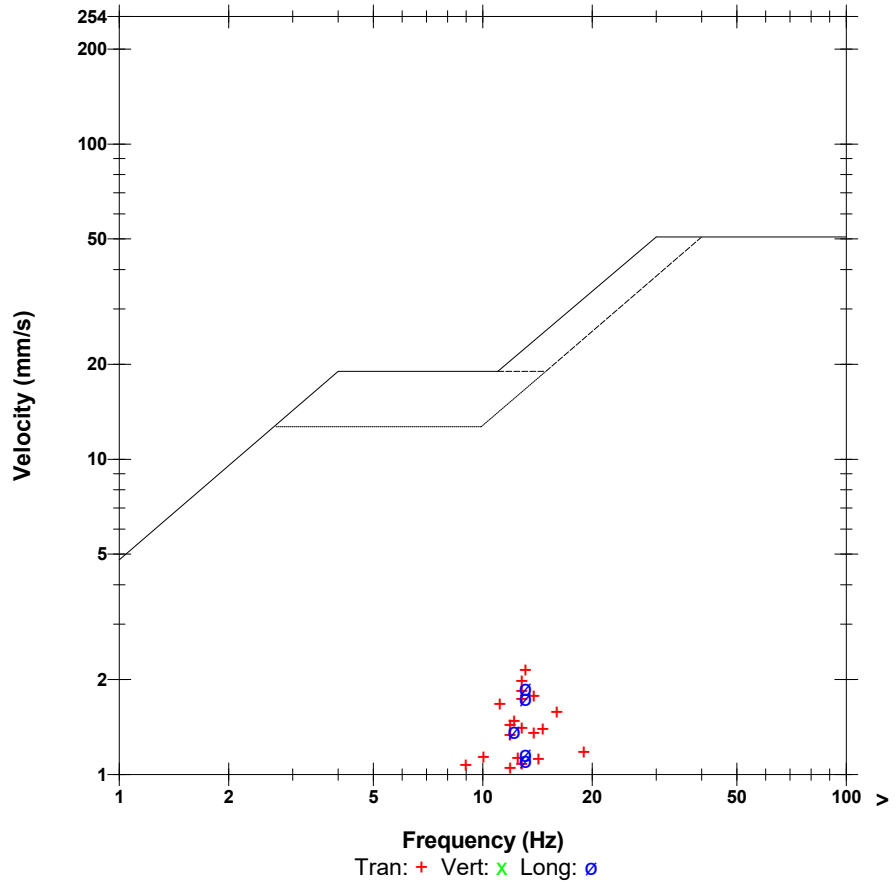
**Notes**  
 Location  
 Client  
 Company  
 General Notes

**Microphone** Linear Weighting  
**PSPL** 113.2 dB(L) at 1.549 sec  
**ZC Freq** 9.8 Hz  
**Channel Test** Passed (Freq = 19.7 Hz Amp = 1542 mv )

|                     | Tran   | Vert   | Long   |      |
|---------------------|--------|--------|--------|------|
| PPV                 | 2.152  | 0.859  | 1.876  | mm/s |
| ZC Freq             | 13     | 15     | 13     | Hz   |
| Time (Rel. to Trig) | 1.208  | 0.938  | 1.393  | sec  |
| Peak Acceleration   | 0.022  | 0.011  | 0.017  | g    |
| Peak Displacement   | 0.025  | 0.007  | 0.023  | mm   |
| Sensor Check        | Passed | Passed | Passed |      |
| Frequency           | 7.5    | 7.5    | 7.5    | Hz   |
| Overswing Ratio     | 3.1    | 3.2    | 3.2    |      |

**Peak Vector Sum** 2.387 mm/s at 1.395 sec

**USBM RI8507 And OSMRE**



**Date/Time** Vert at 12:29:59 October 3, 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** R020L9PS.1Z0

## Notes

**Microphone** Linear Weighting  
**PSPL** 105.5 dB(L) at 3.186 sec  
**ZC Freq** 5.5 Hz  
**Channel Test** Passed (Freq = 19.7 Hz Amp = 511 mv )

|                     | Tran   | Vert   | Long   |      |
|---------------------|--------|--------|--------|------|
| PPV                 | 0.365  | 0.302  | 0.317  | mm/s |
| ZC Freq             | 11     | 32     | 17     | Hz   |
| Time (Rel. to Trig) | 0.794  | 0.978  | 0.946  | sec  |
| Peak Acceleration   | 0.012  | 0.010  | 0.008  | g    |
| Peak Displacement   | 0.005  | 0.001  | 0.003  | mm   |
| Sensor Check        | Passed | Passed | Passed |      |
| Frequency           | 7.2    | 7.4    | 7.5    | Hz   |
| Overswing Ratio     | 3.8    | 3.6    | 3.9    |      |

**Peak Vector Sum** 0.451 mm/s at 0.979 sec

## USBM RI8507 And OSMRE

