

Date/Time Long at 12:00:34 October 30, 2025
Trigger Source Geo: 0.020 in/s, Mic: 135.0 dB(L)
Range Geo: 10.000 in/s
Record Time 4.0 sec at 1024 sps
Operator/Setup: Operator/UM8225.MMB

Serial Number UM8255 V 11-0AK Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration March 12, 2025 by InstanTel
File Name UM8255_20251030120034.IDFW

Notes

Location:

Client:

User Name: AHLGRIMM EXPLOSIVES CO.

General:

Post Event Notes

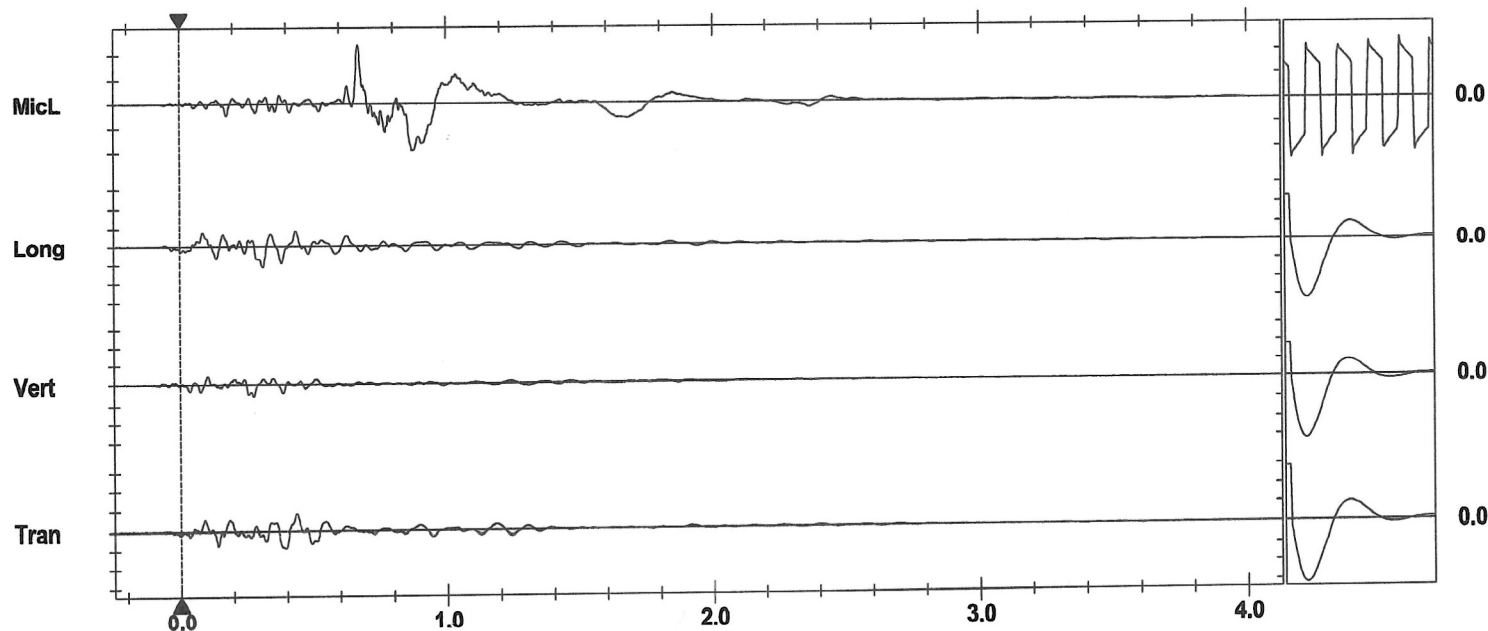
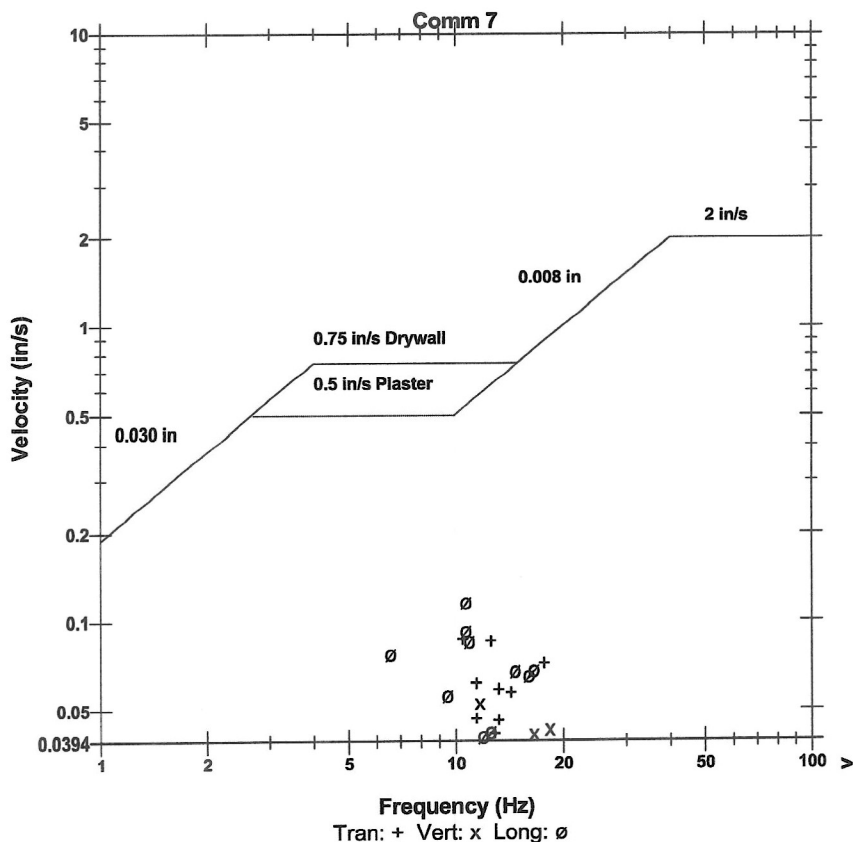
Homburg

Backgate

Microphone Linear Weighting
PSPL 118.5 dB(L) at 0.672 sec
ZC Freq 9.5 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1406 mv)

	Tran	Vert	Long	
PPV	0.087	0.053	0.116	in/s
ZC Freq	10	12	11	Hz
Time (Rel. to Trig)	0.436	0.276	0.314	sec
Peak Acceleration	0.047	0.021	0.034	g
Peak Displacement	0.001	0.001	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.3	Hz
Overswing Ratio	3.4	3.9	3.5	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 0.100 in/s/div Mic: 0.001 psi(L)/div
 Trigger =

Sensor Check

Date/Time Vert at 12:00:27 October 30, 2025
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 3.0 sec at 1024 sps

Serial Number 4379 V 2.61 MiniMate
Battery Level 6.6 Volts
Unit Calibration February 12, 2025 by InstanTel
File Name F379LB5L.CR0
Post Event Notes
 Homburg
 5410 Retana

Notes

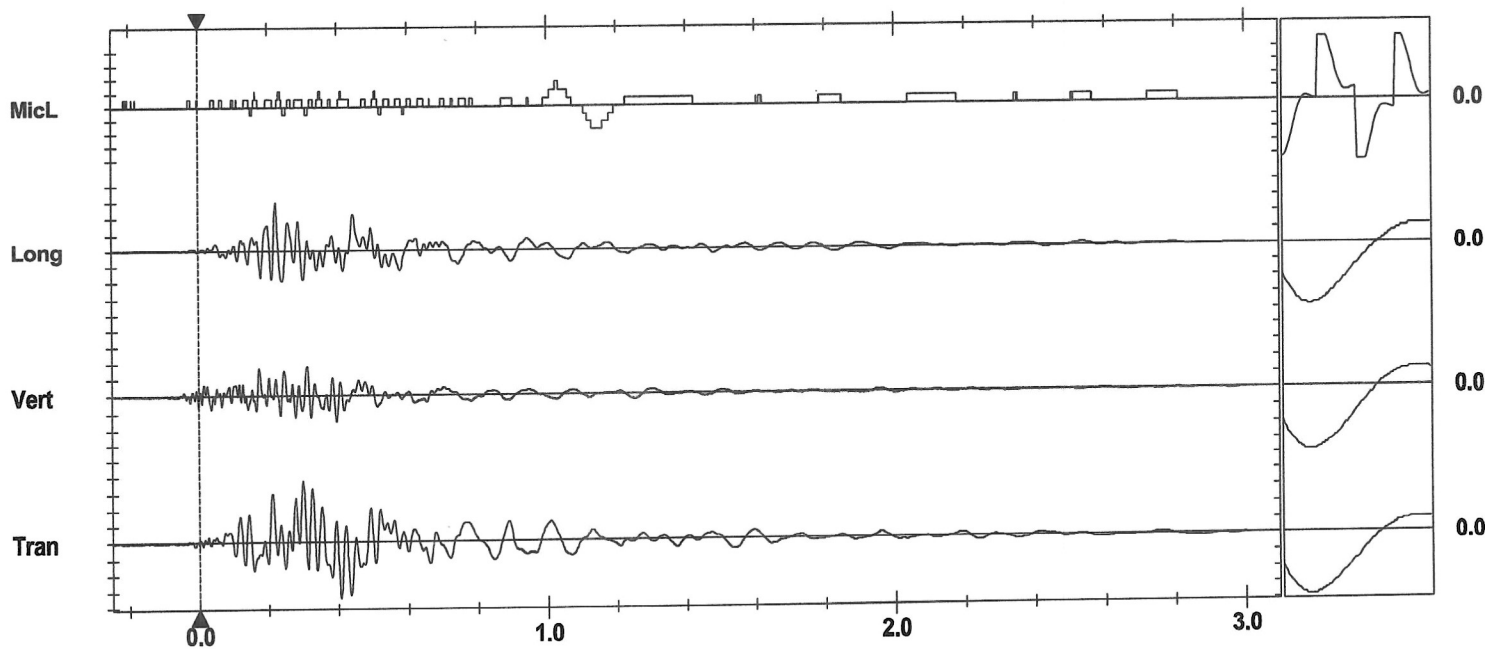
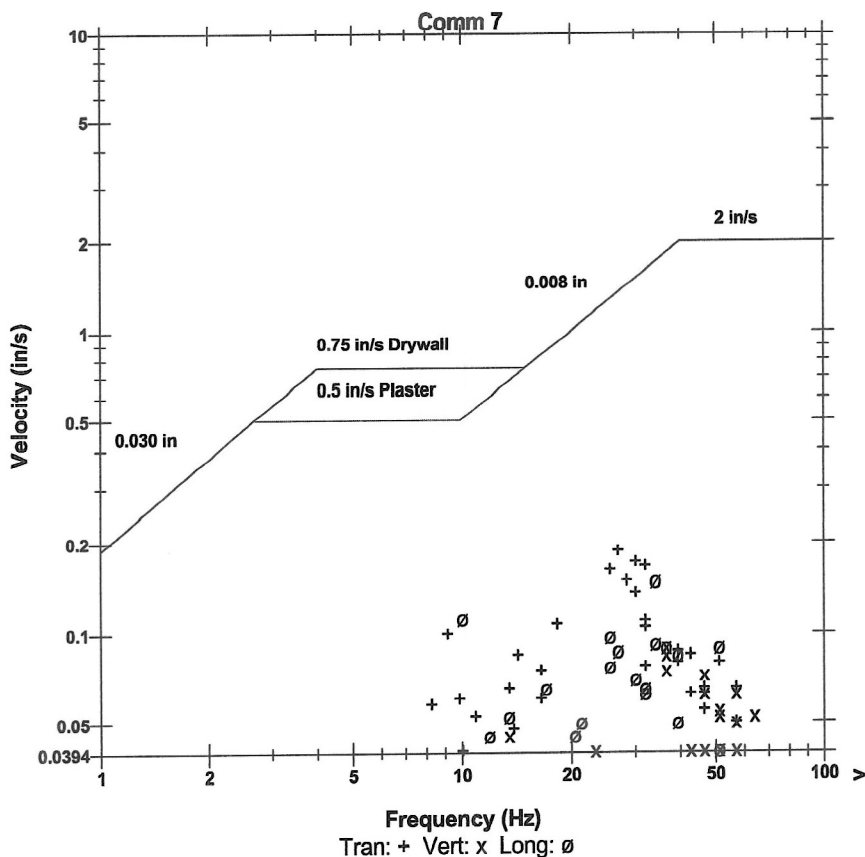
Location:
 Client:
 User Name:
 Converted: October 30, 2025 13:54:12 (V 10.74)

Extended Notes

Microphone Linear Weighting
PSPL 109.5 dB(L) at 1.025 sec
ZC Freq 6.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 495 mv)

	Tran	Vert	Long	
PPV	0.188	0.090	0.150	in/s
ZC Freq	26	34	34	Hz
Time (Rel. to Trig)	0.301	0.313	0.225	sec
Peak Acceleration	0.086	0.066	0.086	g
Peak Displacement	0.001	0.001	0.002	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.6	8.0	8.0	Hz
Overswing Ratio	4.2	3.5	4.1	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 0.050 in/s/div Mic: 0.001 psi(L)/div
 Trigger =

Sensor Check

Date/Time Vert at 12:00:20 October 30, 2025
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 3.0 sec at 1024 sps

Notes

Location:
 Client:
 User Name:
 Converted: October 30, 2025 13:55:40 (V 10.74)

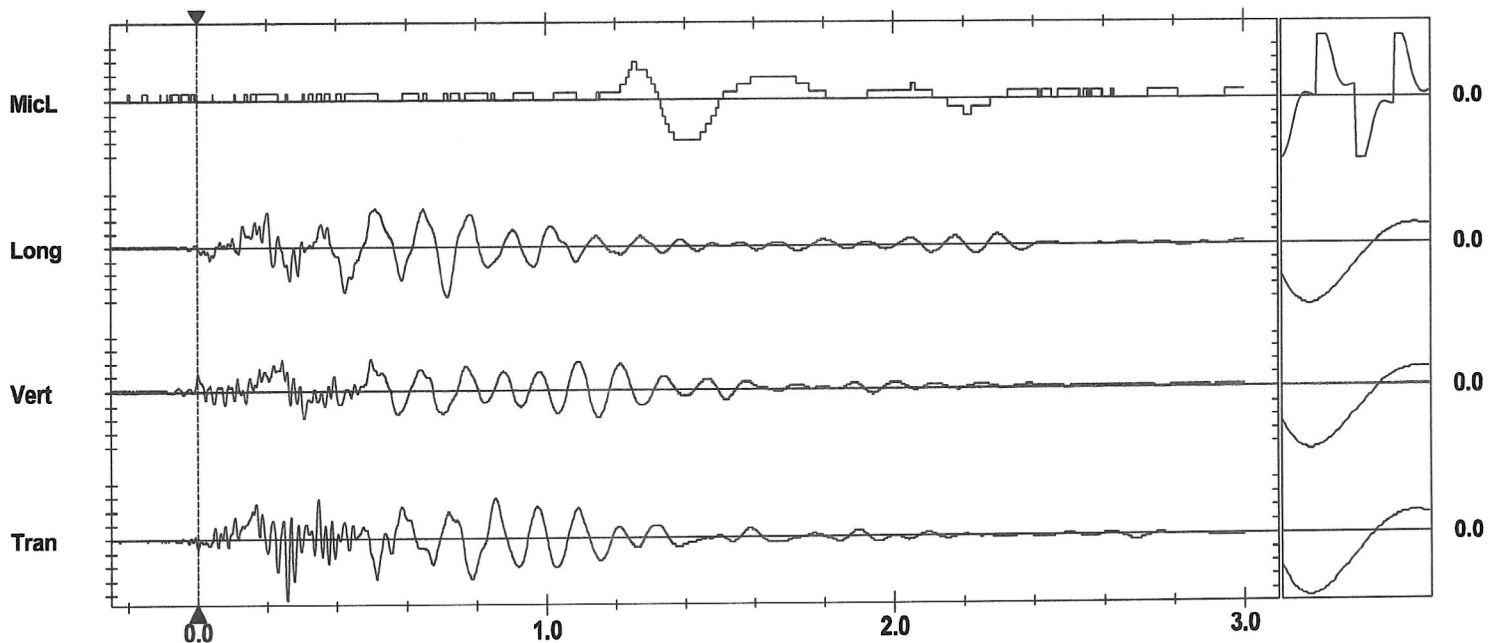
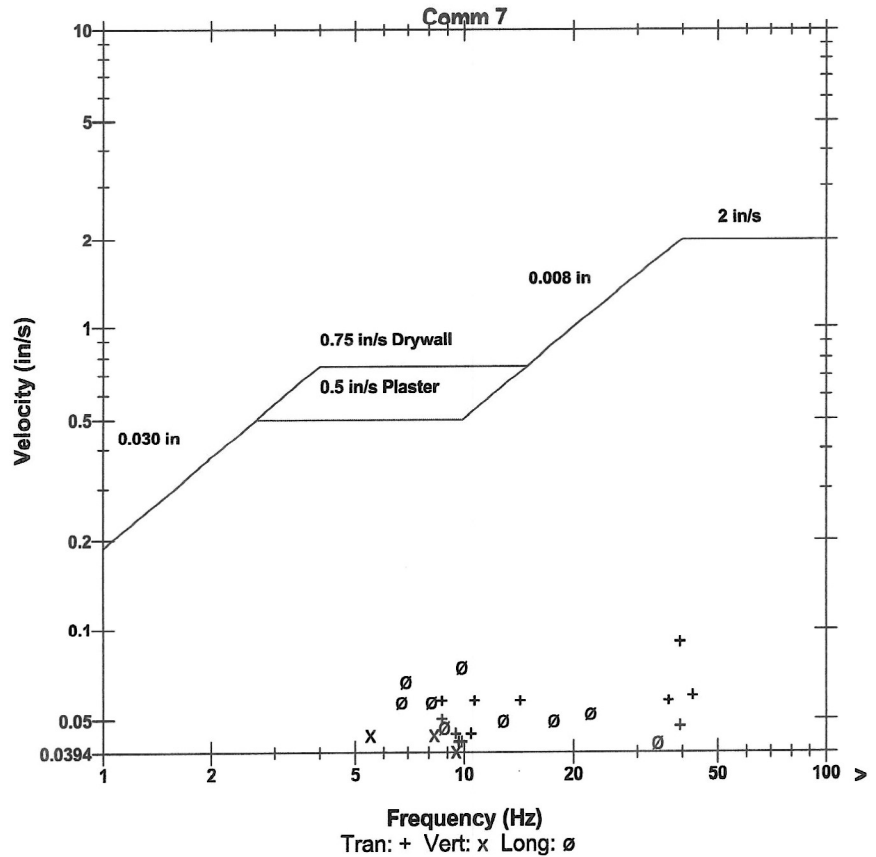
Serial Number 4804 V 2.61 MiniMate
Battery Level 6.6 Volts
Unit Calibration December 24, 2024 by Instantel
File Name F804LB5L.CK0
Post Event Notes
 Homburg
 109 S Thompson

Extended Notes

Microphone Linear Weighting
PSPL 114.0 dB(L) at 1.249 sec
ZC Freq 3.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 508 mv)

	Tran	Vert	Long	
PPV	0.090	0.045	0.075	in/s
ZC Freq	39	5.0	9.0	Hz
Time (Rel. to Trig)	0.259	0.245	0.715	sec
Peak Acceleration	0.053	0.020	0.027	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.1	7.7	8.1	Hz
Overswing Ratio	3.4	3.8	3.5	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.020 in/s/div Mic: 0.001 psi(L)/div
 Trigger =

Sensor Check

Date/Time Vert at 11:59:55 October 30, 2025
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 3.0 sec at 1024 sps

Serial Number 4794 V 2.61 MiniMate
Battery Level 6.5 Volts
Unit Calibration January 21, 2025 by InstanTel
File Name F794LB5L.BV0
Post Event Notes
 Homburg
 5310 Greenbrier

Notes

Location:

Client:

User Name:

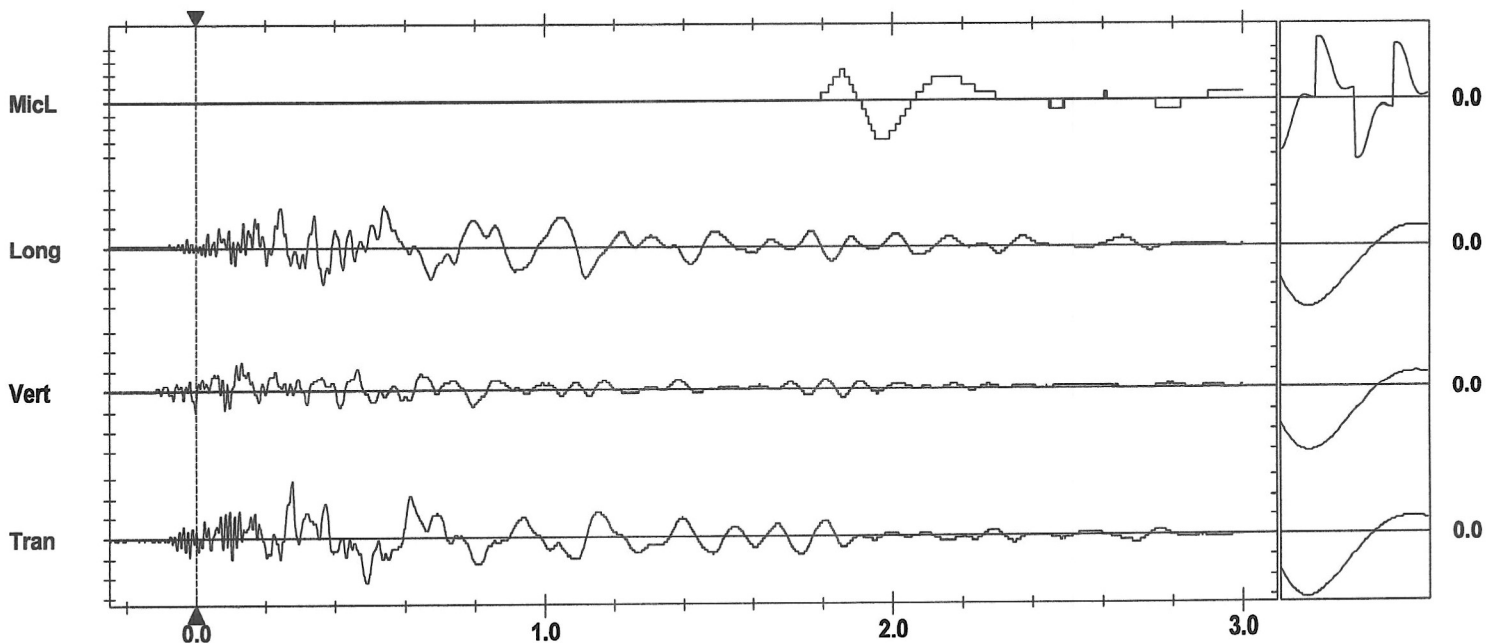
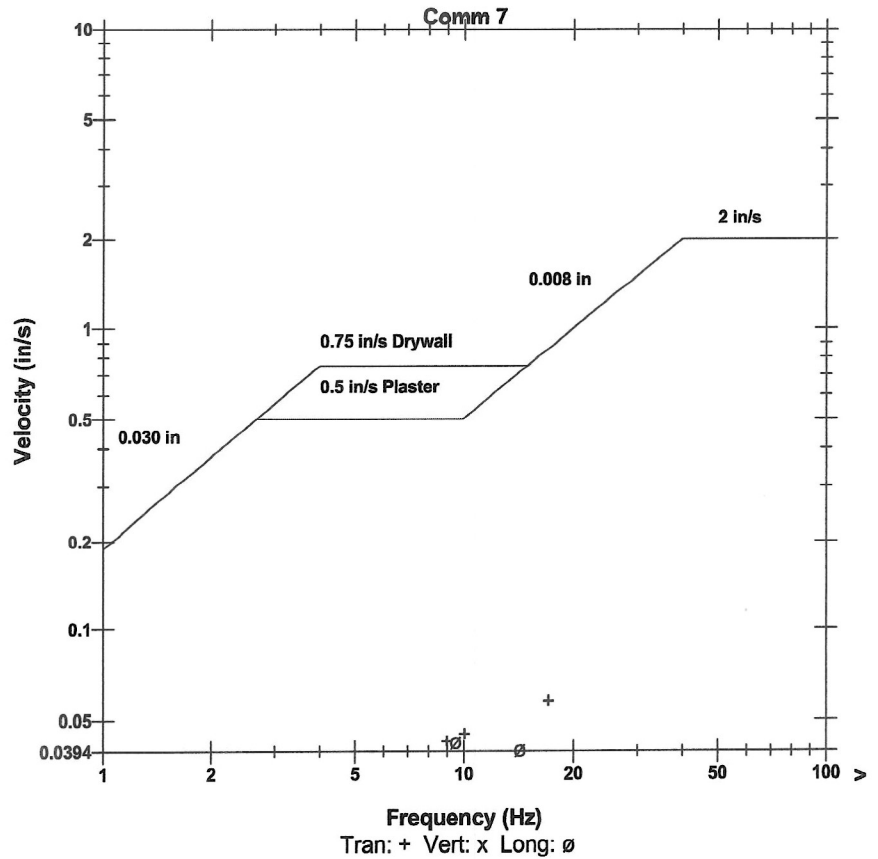
Converted: October 30, 2025 13:52:26 (V 10.74)

Extended Notes

Microphone Linear Weighting
PSPL 114.0 dB(L) at 1.951 sec
ZC Freq 4.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 445 mv)

	Tran	Vert	Long	
PPV	0.058	0.030	0.043	in/s
ZC Freq	15	8.0	5.0	Hz
Time (Rel. to Trig)	0.277	0.132	0.540	sec
Peak Acceleration	0.033	0.020	0.020	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.1	7.7	8.0	Hz
Overswing Ratio	3.5	3.5	3.6	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.020 in/s/div Mic: 0.001 psi(L)/div
Trigger =

Sensor Check