

Date/Time Tran at 10:15:25 AM July 21, 2026
Trigger Source Geo: 0.020 in/s
Range Geo: 10.000 in/s
Record Time 4.0 sec at 1024 sps
Operator/Setup: Operator/AHLGRIMM.MMB

Serial Number UM6077 V 11-OCB Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration December 29, 2025 by Instantel
File Name UM6077_20260721101525.IDFW

Notes

Location:

Client:

User Name: AHLGRIMM EXPLOSIVES

General:

Post Event Notes

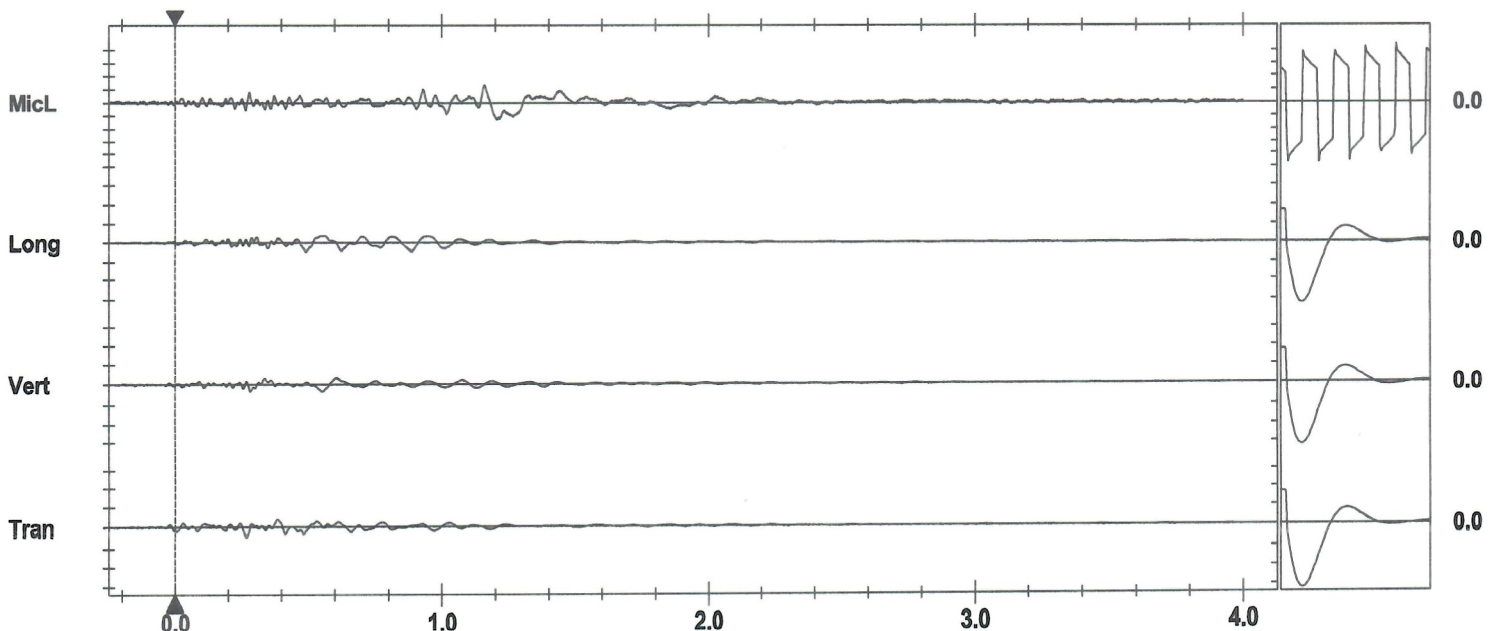
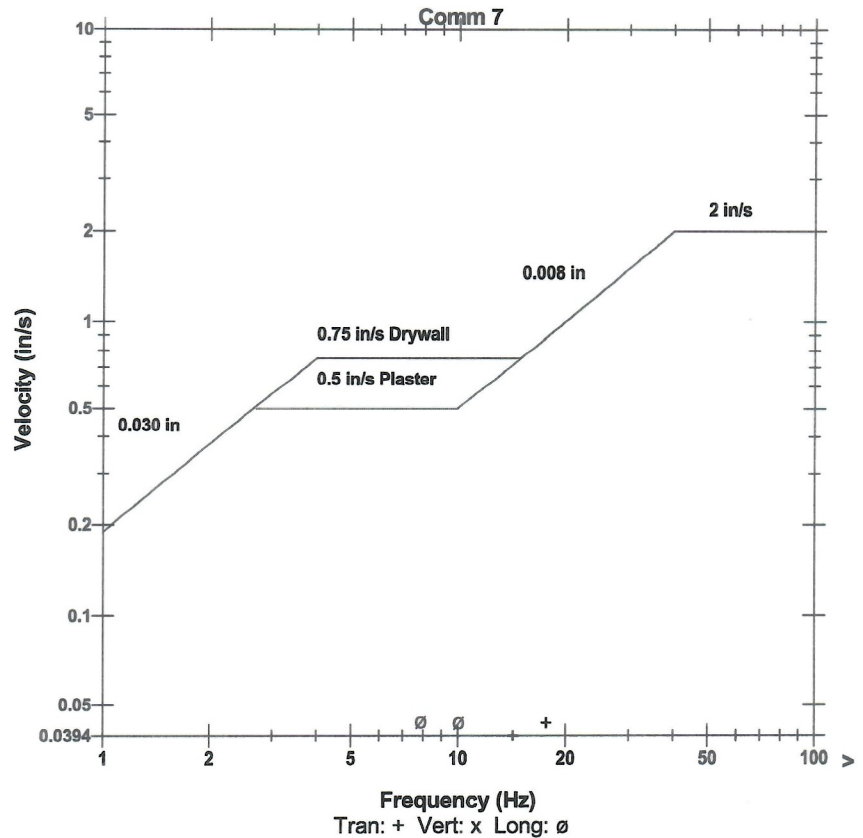
Homburg

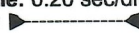
109 S Thompson

Microphone Linear Weighting
PSPL 93.1 dB(L) at 1.158 sec
ZC Freq 13 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1270 mv)

	Tran	Vert	Long	
PPV	0.043	0.035	0.044	in/s
ZC Freq	18	6.6	7.9	Hz
Time (Rel. to Trig)	0.269	0.555	0.886	sec
Peak Acceleration	0.023	0.015	0.031	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.1	7.5	7.3	Hz
Overswing Ratio	4.3	4.1	4.1	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div
Trigger = 

Sensor Check

Date/Time Long at 10:15:37 AM July 21, 2026
Trigger Source Geo: 0.020 in/s
Range Geo: 10.000 in/s
Record Time 4.0 sec at 1024 sps
Operator/Setup: Operator/factory.MMB

Serial Number UM8256 V 11-0BD Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration September 4, 2025 by InstanTel
File Name UM8256_20260721101537.IDFW

Notes

Location:

Client:

User Name:

General:

Post Event Notes

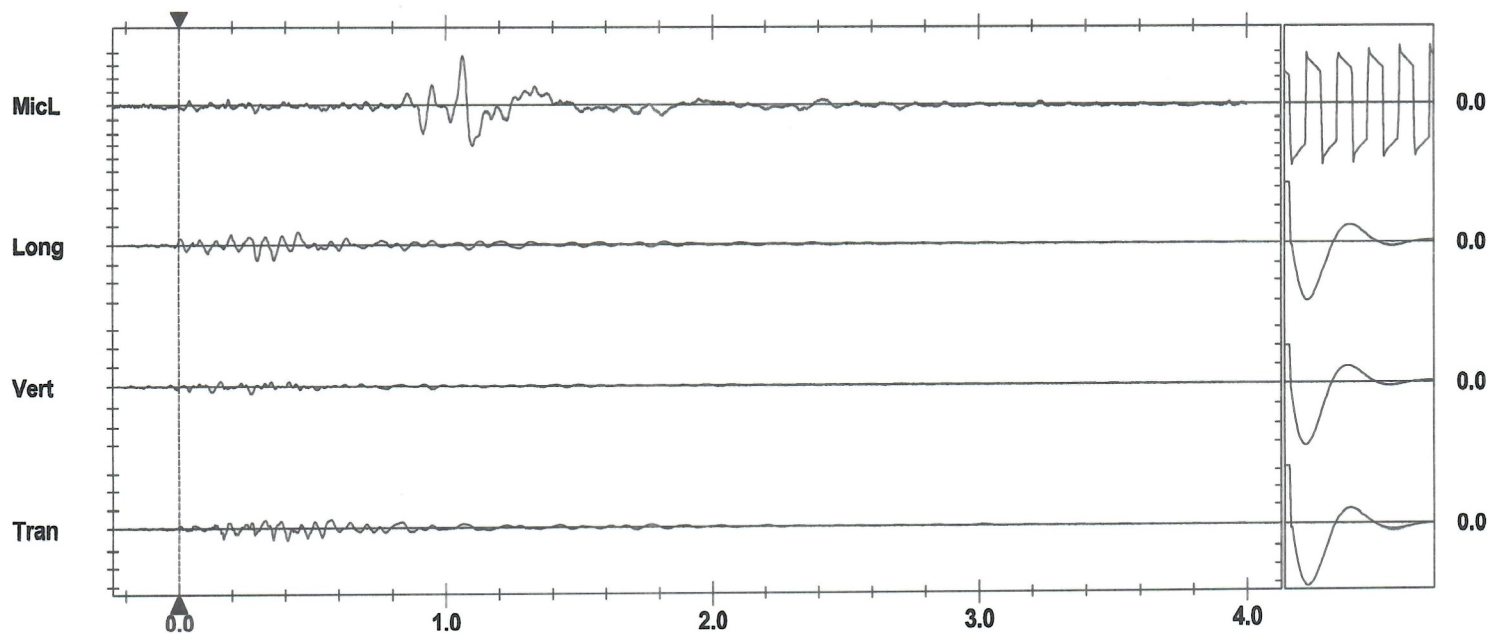
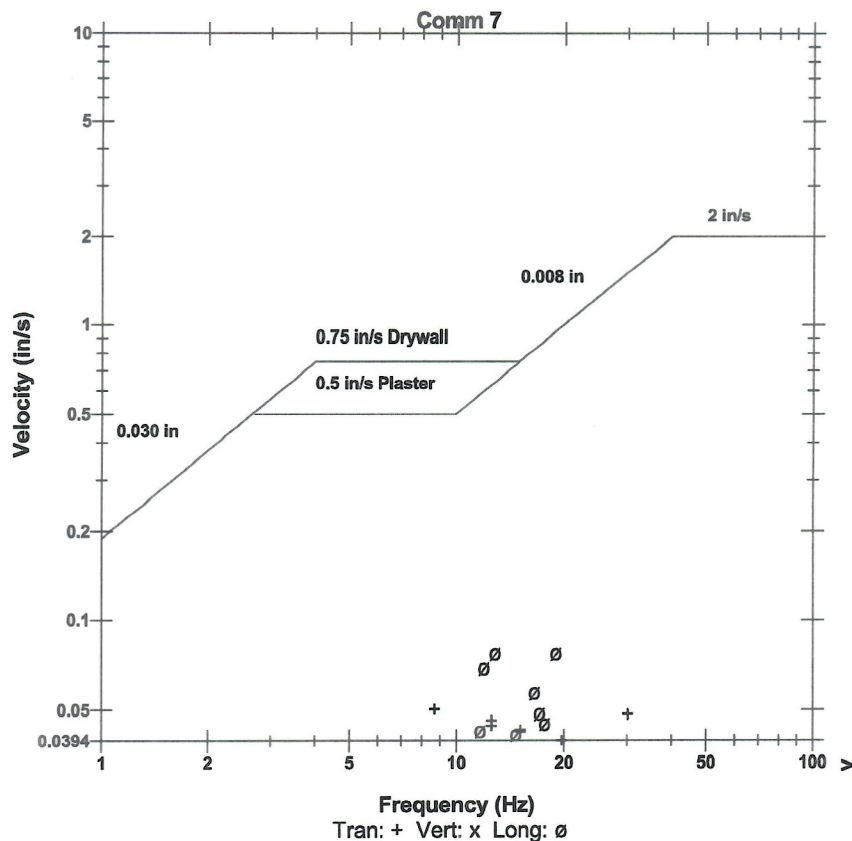
Homburg

5410 Retana

Microphone Linear Weighting
PSPL 102.2 dB(L) at 1.062 sec
ZC Freq 11 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1270 mv)

	Tran	Vert	Long	
PPV	0.050	0.034	0.078	in/s
ZC Freq	8.7	18	19	Hz
Time (Rel. to Trig)	0.408	0.273	0.296	sec
Peak Acceleration	0.037	0.019	0.030	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	6.9	7.5	7.3	Hz
Overswing Ratio	4.3	3.8	3.3	

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div
Trigger =

Sensor Check

Date/Time Long at 10:15:07 AM July 21, 2026
Trigger Source Geo: 0.020 in/s
Range Geo: 10.000 in/s
Record Time 3.0 sec at 1024 sps
Operator/Setup: Operator/factory.MMB

Serial Number UM6342 V 11-OCB Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration January 28, 2026 by InstanTel
File Name UM6342_20260721101507.IDFW

Notes

Location:

Client:

User Name: AHLGRIMM EXPLOSIVES CO

General:

Microphone Linear Weighting
PSPL 95.2 dB(L) at 1.677 sec
ZC Freq 9.7 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1262 mv)

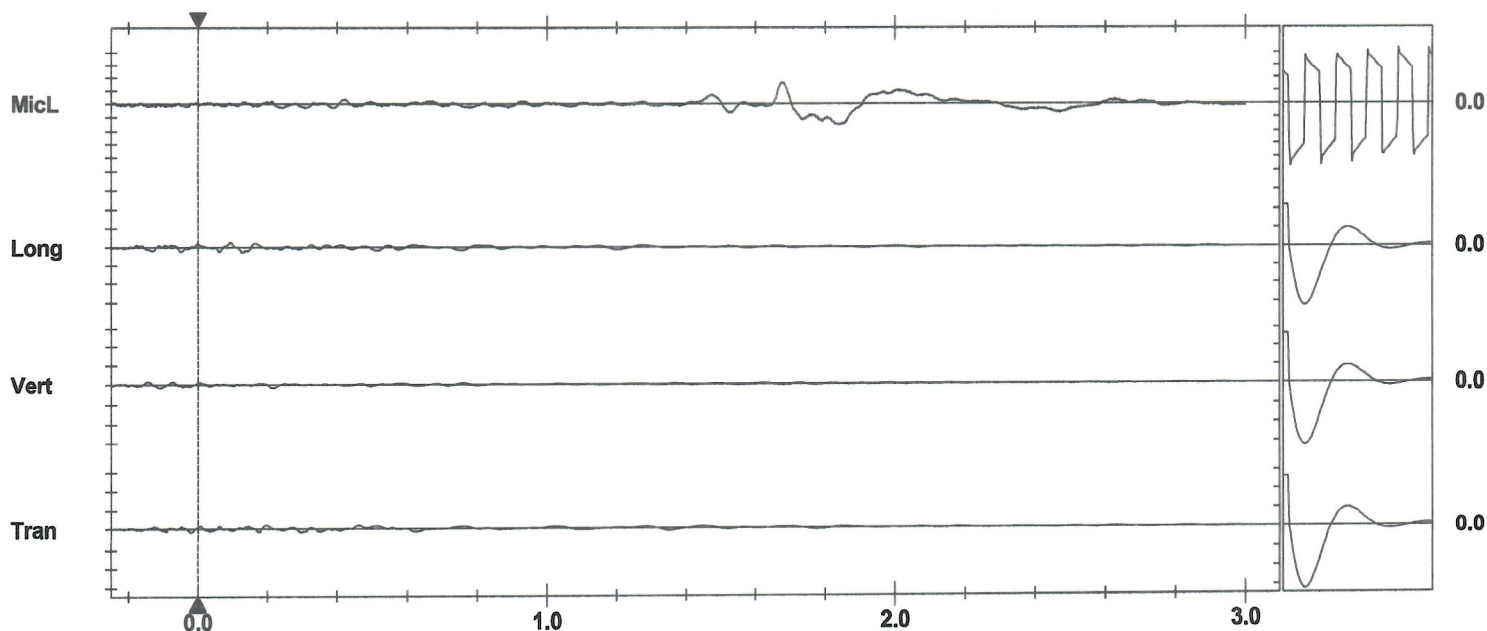
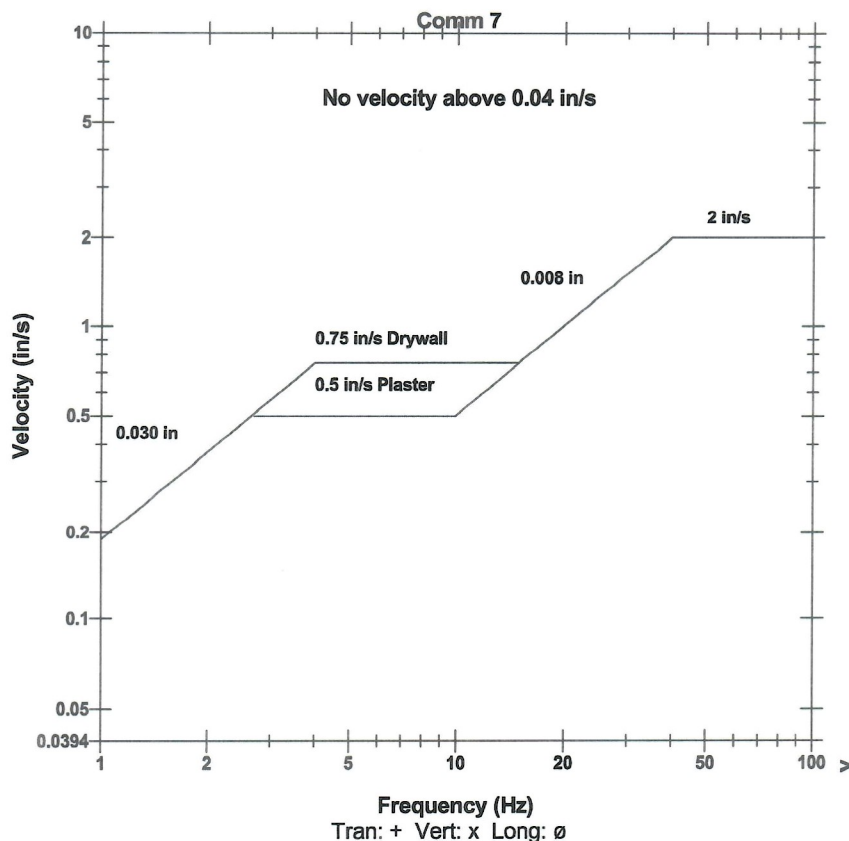
	Tran	Vert	Long	
PPV	0.021	0.016	0.026	in/s
ZC Freq	16	14	15	Hz
Time (Rel. to Trig)	0.200	0.215	0.094	sec
Peak Acceleration	0.015	0.007	0.012	g
Peak Displacement	0.001	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.3	7.3	Hz
Overswing Ratio	3.3	3.6	3.4	

Post Event Notes

Homburg

5310 Greenbriar

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.000 psi(L)/div
Trigger =

Sensor Check

Date/Time Long at 10:15:26 AM July 21, 2026
Trigger Source Geo: 0.020 in/s
Range Geo: 10.000 in/s
Record Time 4.0 sec at 1024 sps
Operator/Setup: Operator/factory.MMB

Serial Number UM8255 V 11-0BD Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration March 18, 2026 by Instantel
File Name UM8255_20260721101526.IDFW

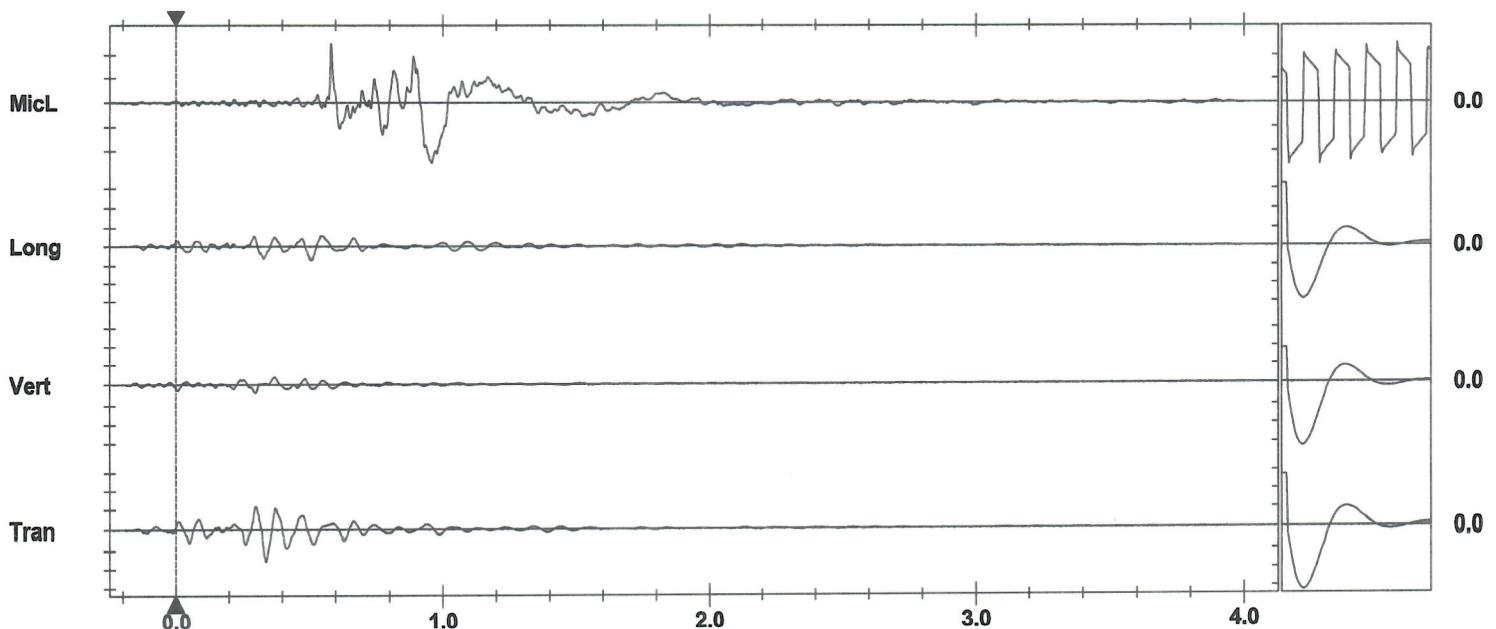
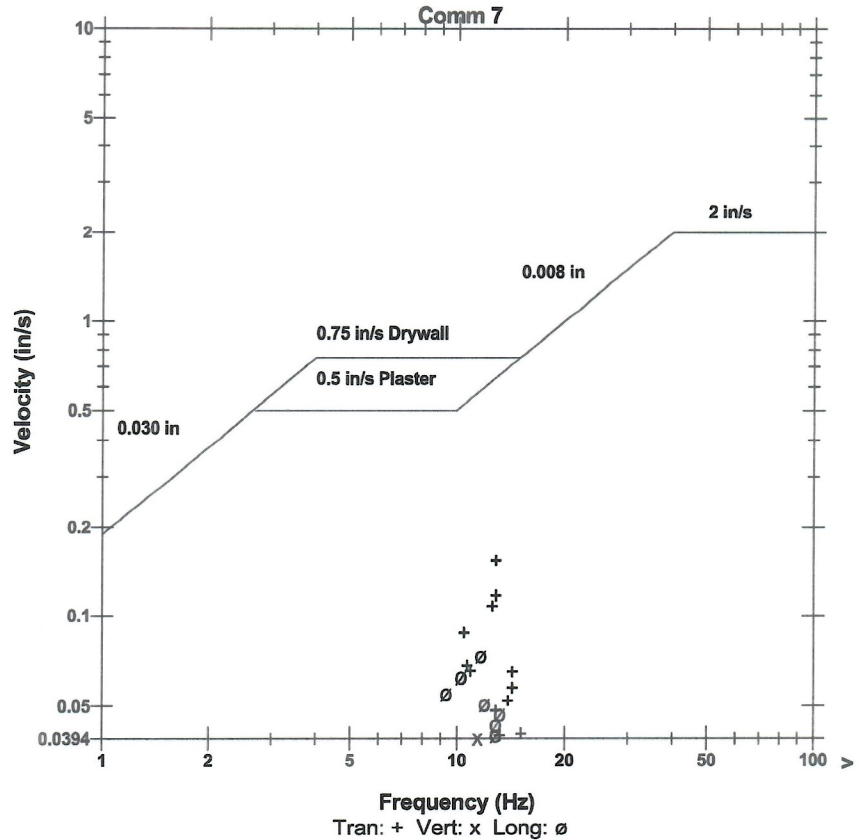
Notes
 Location:
 Client:
 User Name:
 General:

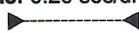
Post Event Notes
 Homburg
 Back Gate

Microphone Linear Weighting
PSPL 112.7 dB(L) at 0.583 sec
ZC Freq 13 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1222 mv)

	Tran	Vert	Long	
PPV	0.155	0.040	0.074	in/s
ZC Freq	13	11	12	Hz
Time (Rel. to Trig)	0.339	0.298	0.511	sec
Peak Acceleration	0.062	0.021	0.031	g
Peak Displacement	0.002	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.5	7.5	7.5	Hz
Overswing Ratio	3.3	3.8	3.1	

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