

Date/Time Long at 09:29:55 July 10, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 4804 V 2.61 MiniMate
Battery Level 6.5 Volts
Unit Calibration February 28, 2019 by Instantel
File Name F804I0MQ.DV0
Post Event Notes
 Client: Homburg
 Location: 5310 Greenbriar

Notes
 Location:
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: July 11, 2019 04:33:38 (V 10.74)

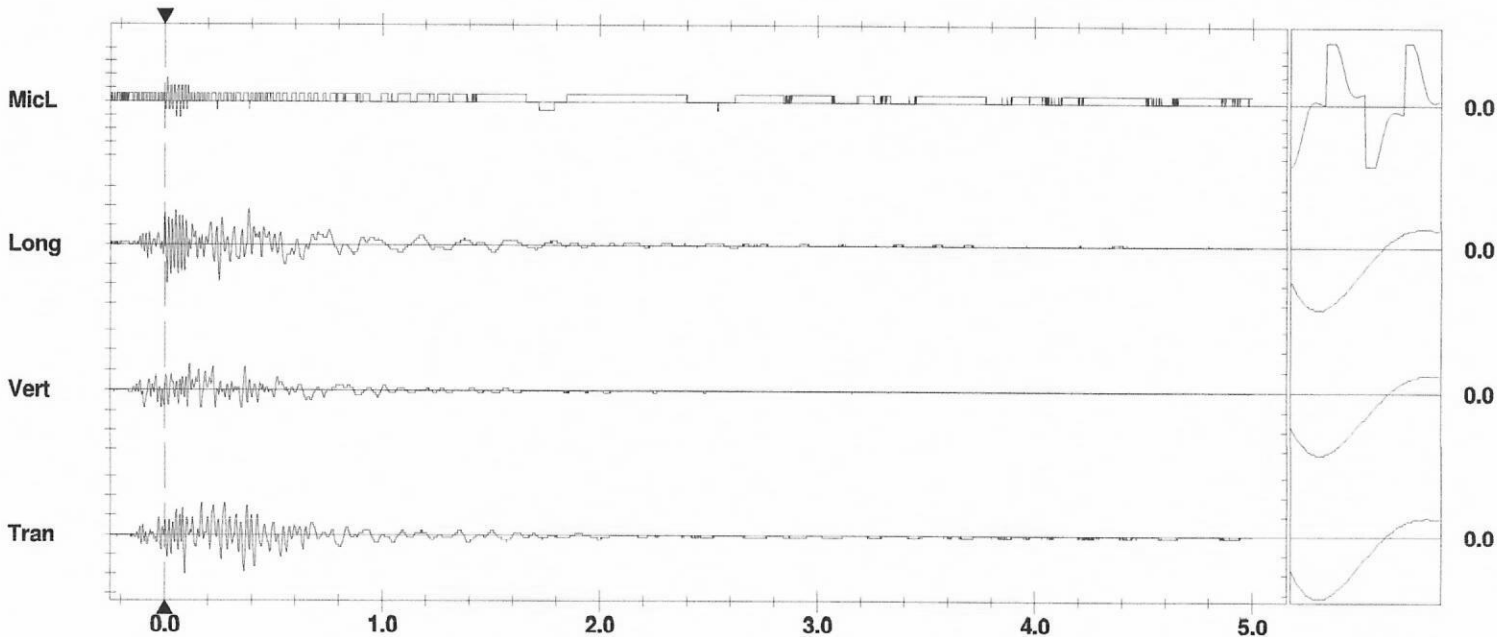
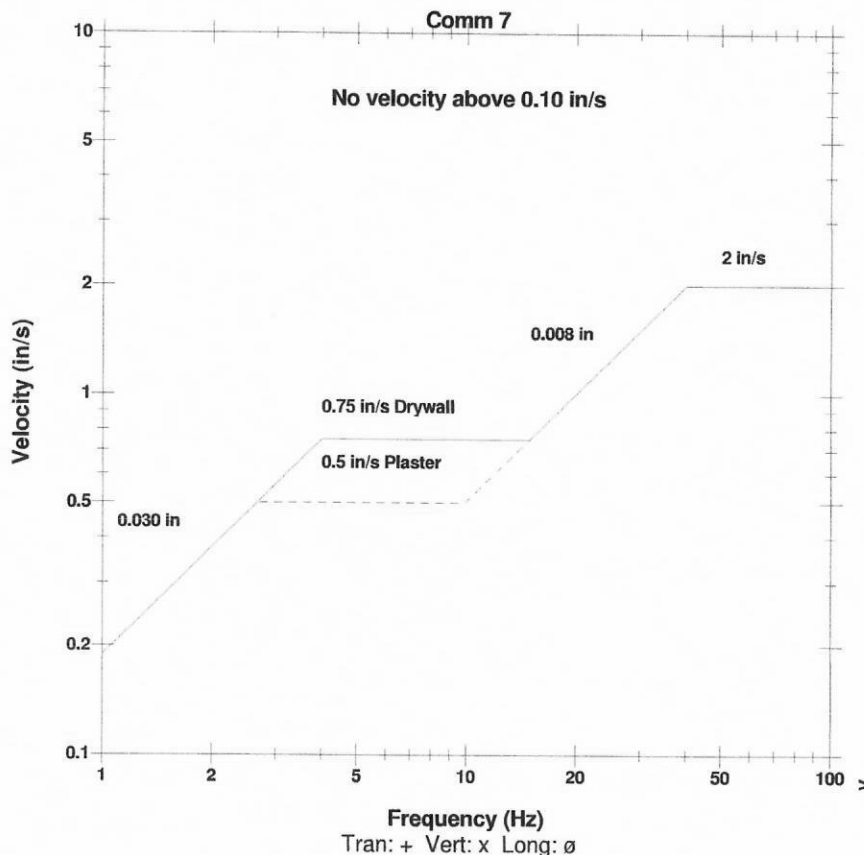
Extended Notes

Microphone Linear Weighting
PSPL 109.5 dB(L) at 0.013 sec
ZC Freq 51 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 508 mv)

	Tran	Vert	Long	
PPV	0.040	0.025	0.040	in/s
ZC Freq	51	43	57	Hz
Time (Rel. to Trig)	0.093	0.115	0.011	sec
Peak Acceleration	0.040	0.020	0.040	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.1	7.7	8.2	Hz
Overswing Ratio	3.3	3.8	3.2	

Peak Vector Sum 0.047 in/s at 0.092 sec

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 09:29:43 July 10, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 4795 V 2.61 MiniMate
Battery Level 6.4 Volts
Unit Calibration February 4, 2019 by InstanTel
File Name F795I0MQ.DJ0
Post Event Notes
 Client: Homburg
 Location: 5410 Retana

Notes

Location:
 Client:
 User Name: AHLGRIMM EXPLOSIVES CO
 Converted: July 11, 2019 04:28:28 (V 10.74)

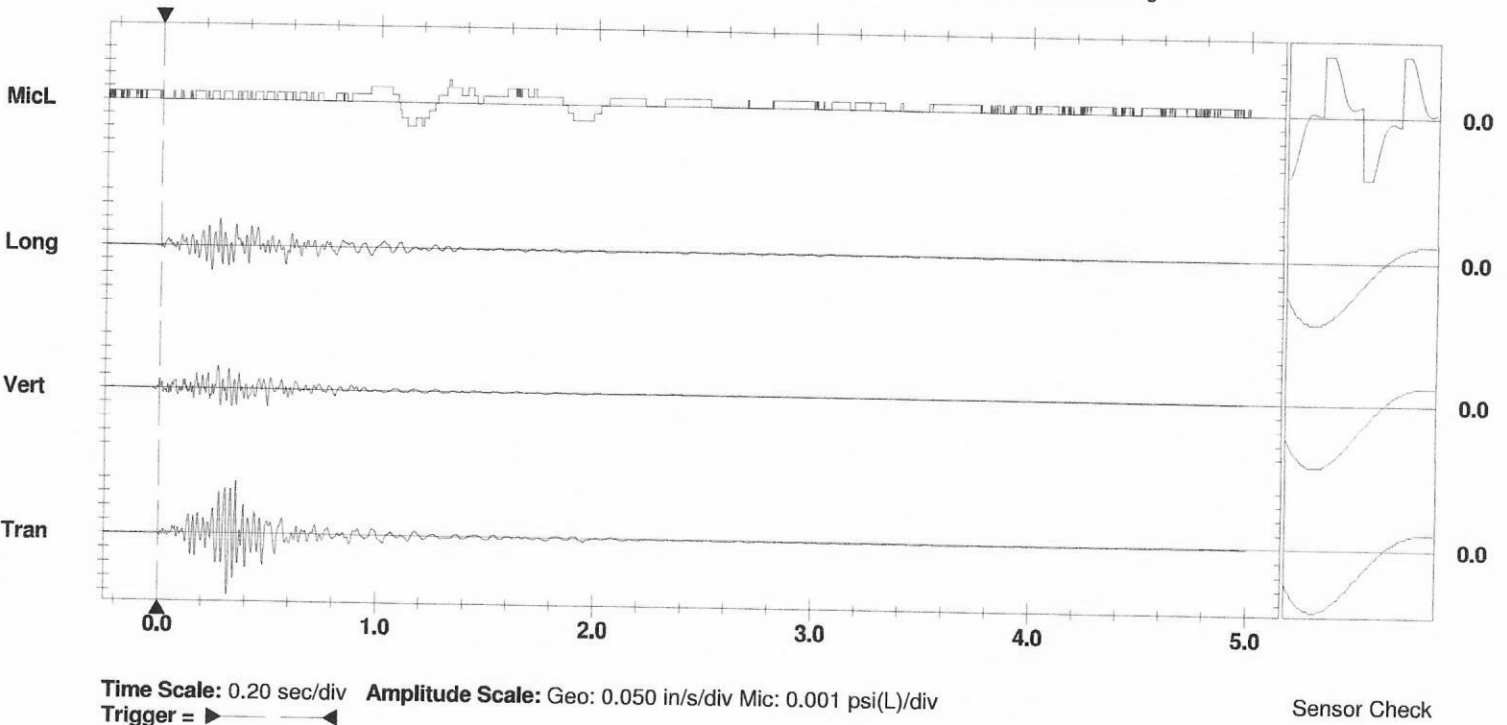
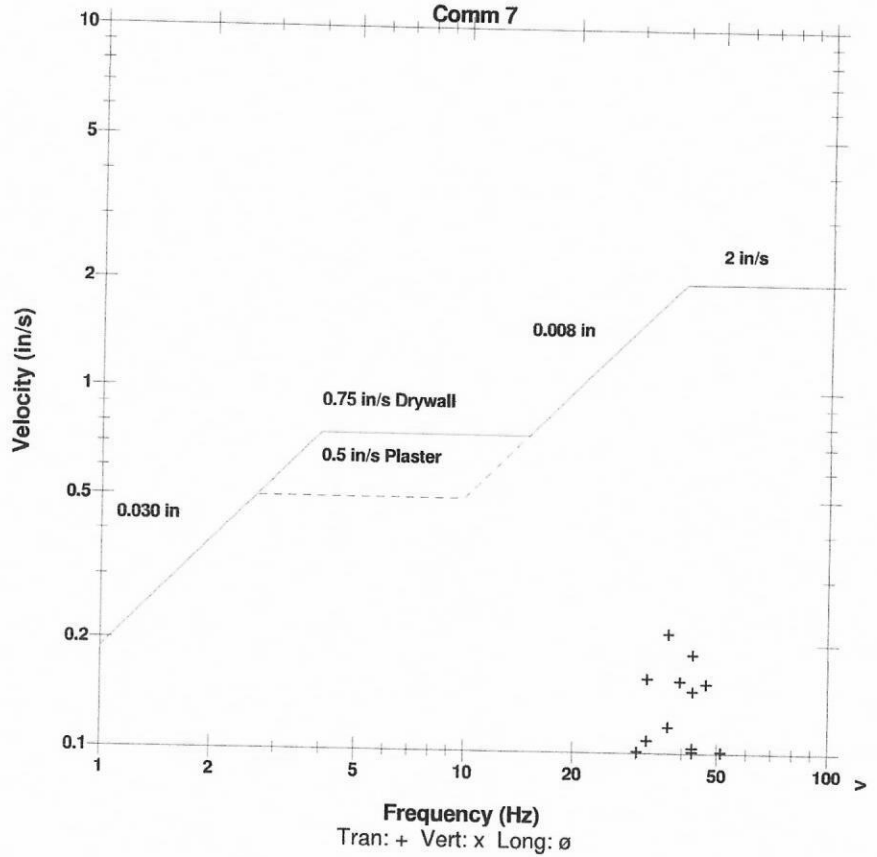
Extended Notes

Microphone Linear Weighting
PSPL 109.5 dB(L) at 1.126 sec
ZC Freq 3.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 500 mv)

	Tran	Vert	Long	
PPV	0.218	0.083	0.095	in/s
ZC Freq	37	20	39	Hz
Time (Rel. to Trig)	0.319	0.271	0.271	sec
Peak Acceleration	0.133	0.060	0.066	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.7	7.7	7.7	Hz
Overswing Ratio	3.9	3.6	3.8	

Peak Vector Sum 0.226 in/s at 0.319 sec

Wisconsin Administrative Code



Date/Time Vert at 09:29:57 July 10, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 4794 V 2.61 MiniMate
Battery Level 6.6 Volts
Unit Calibration January 17, 2019 by InstanTel
File Name F794I0MQ.DX0
Post Event Notes
 Client: Homburg
 Location: Back Gate

Notes
 Location:
 Client:
 User Name:
 Converted: July 11, 2019 04:24:25 (V 10.74)

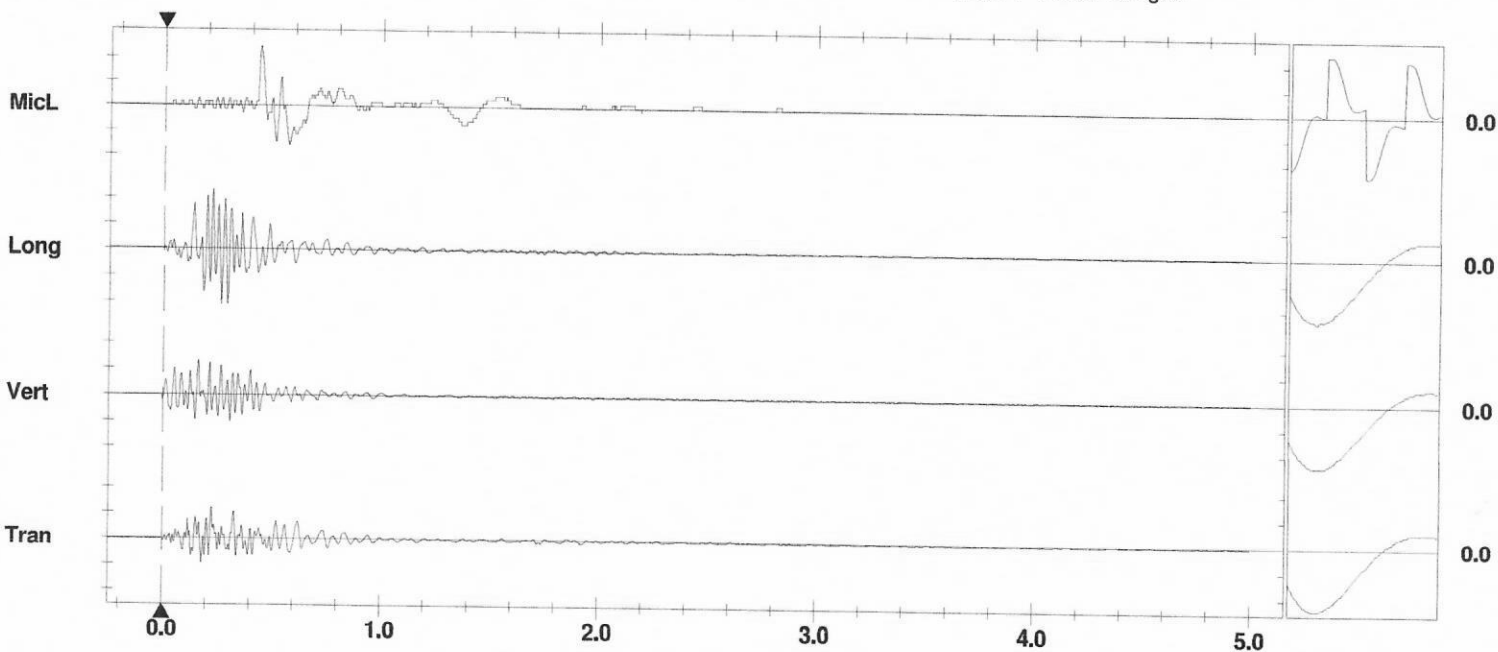
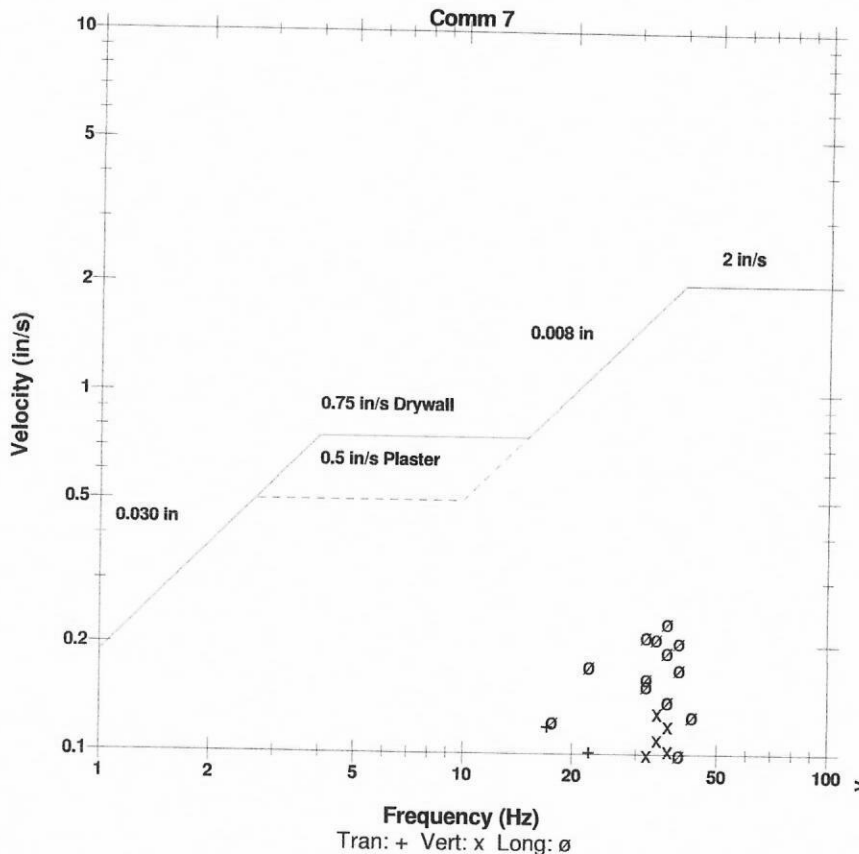
Extended Notes

Microphone Linear Weighting
PSPL 124.6 dB(L) at 0.437 sec
ZC Freq 11 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 449 mv)

	Tran	Vert	Long	
PPV	0.120	0.130	0.233	in/s
ZC Freq	17	34	37	Hz
Time (Rel. to Trig)	0.229	0.162	0.226	sec
Peak Acceleration	0.080	0.080	0.139	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.0	7.6	8.0	Hz
Overswing Ratio	3.6	3.5	3.6	

Peak Vector Sum 0.258 in/s at 0.227 sec

Wisconsin Administrative Code



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.100 in/s/div Mic: 0.002 psi(L)/div
 Trigger =

Sensor Check

Date/Time Tran at 09:29:59 July 10, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 4379 V 2.61 MiniMate
Battery Level 6.5 Volts
Unit Calibration January 17, 2019 by InstanTel
File Name F37910MQ.DZ0
Post Event Notes
 Client: Homburg
 Location: 109 S. Thompson

Notes
 Location:
 Client:
 User Name:
 Converted: July 11, 2019 04:20:24 (V 10.74)

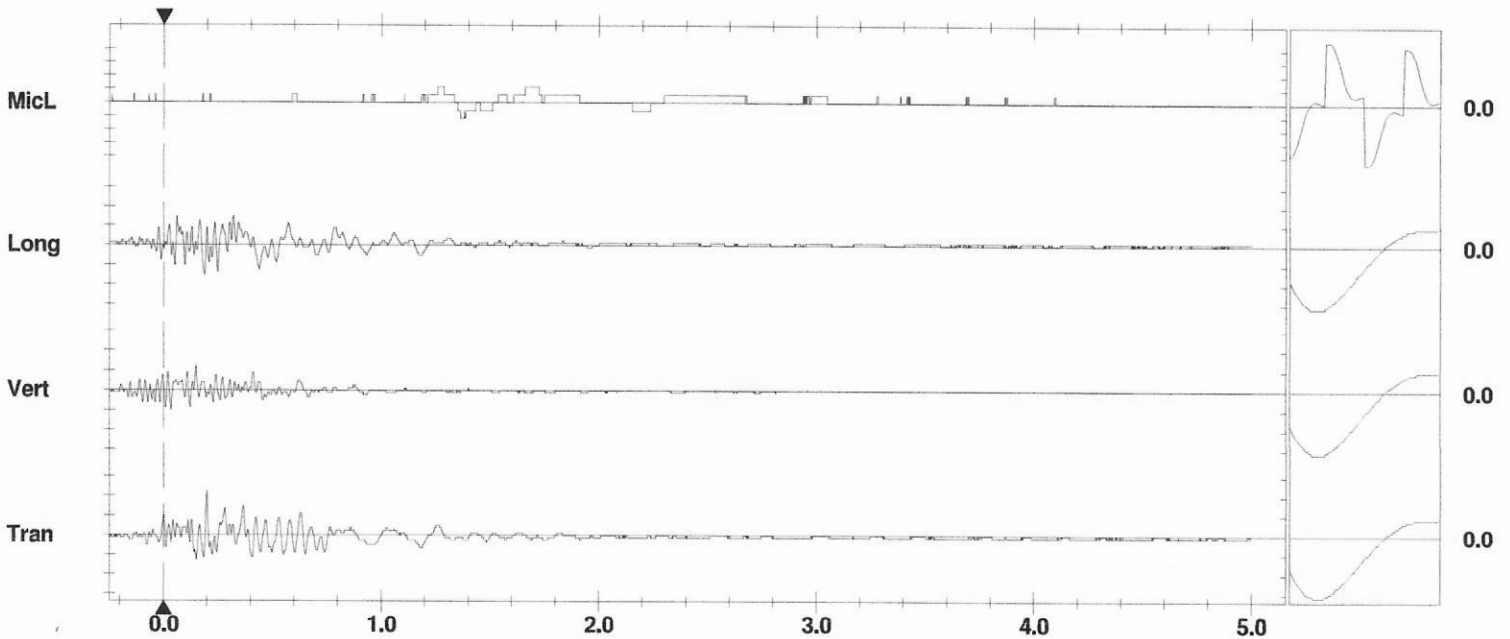
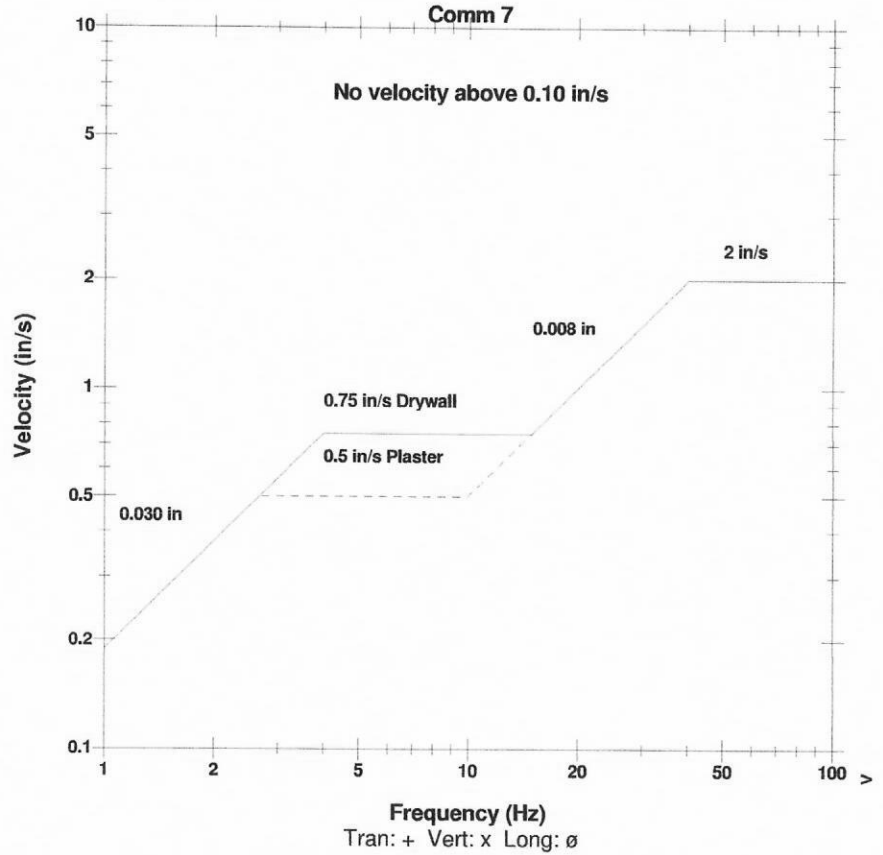
Extended Notes

Microphone Linear Weighting
PSPL 106.0 dB(L) at 1.260 sec
ZC Freq 4.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 450 mv)

	Tran	Vert	Long	
PPV	0.045	0.025	0.030	in/s
ZC Freq	37	34	15	Hz
Time (Rel. to Trig)	0.200	0.150	0.062	sec
Peak Acceleration	0.027	0.013	0.020	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.0	8.0	8.1	Hz
Overswing Ratio	3.8	3.5	3.6	

Peak Vector Sum 0.049 in/s at 0.200 sec

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