

Date/Time Long at 09:52:45 July 12, 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 6.6 Volts
Unit Calibration February 28, 2019 by Instantel
File Name F804I0QG.RX0
Post Event Notes
 Client : Homburg
 Location : Back Gate

Notes

Location:
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: July 12, 2019 13:47:03 (V 10.74)

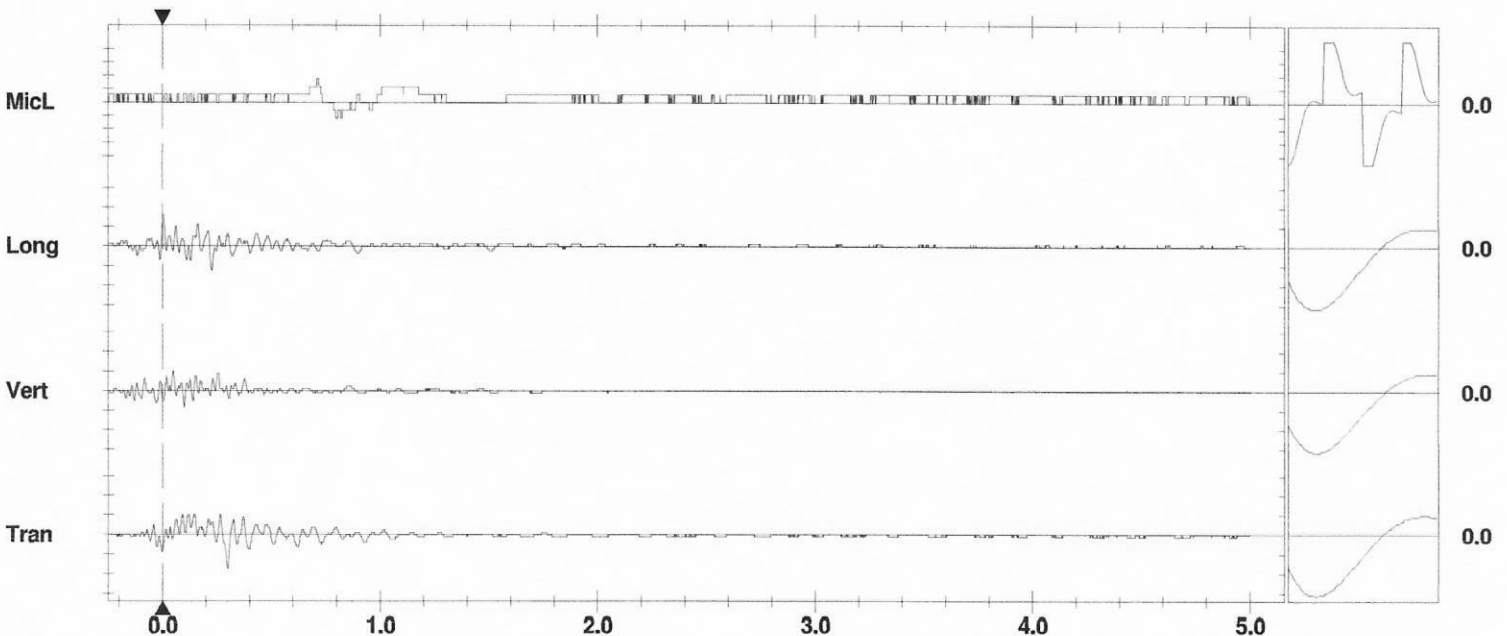
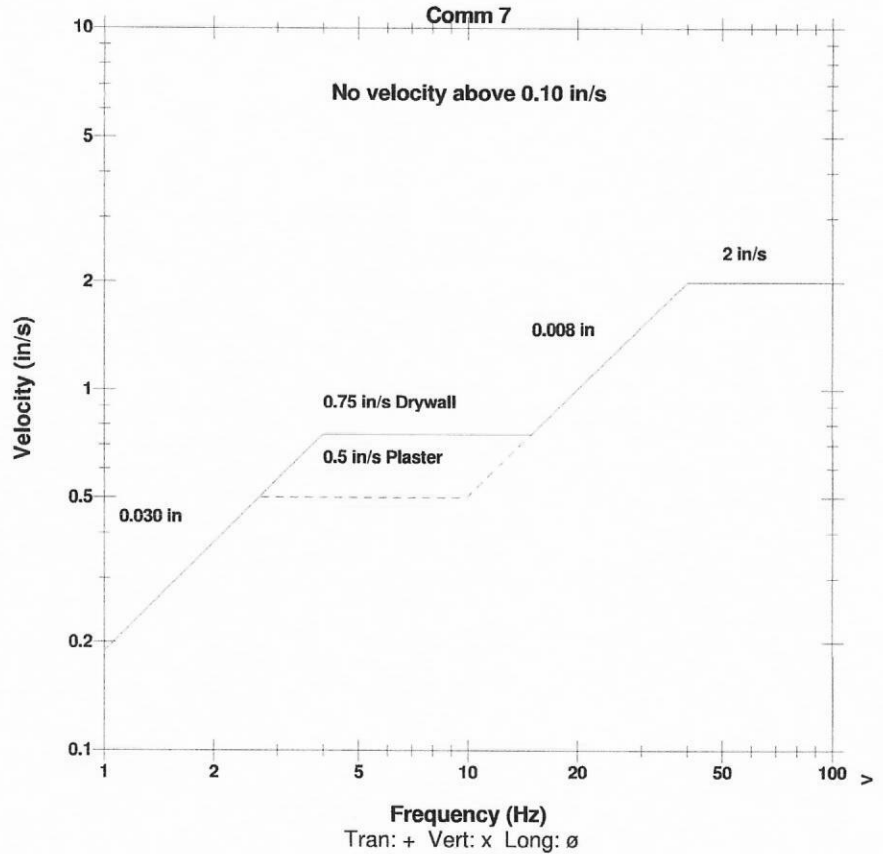
Extended Notes

Microphone Linear Weighting
PSPL 109.5 dB(L) at 0.711 sec
ZC Freq 3.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 508 mv)

	Tran	Vert	Long	
PPV	0.035	0.020	0.033	in/s
ZC Freq	16	28	26	Hz
Time (Rel. to Trig)	0.299	0.051	0.006	sec
Peak Acceleration	0.013	0.013	0.013	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.1	7.8	8.2	Hz
Overswing Ratio	3.4	3.8	3.6	

Peak Vector Sum 0.038 in/s at 0.302 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 Long at 09:52:48 July 12, 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 F79410QG.S00
Post Event Notes
 Client : Homburg
 Location : 5310 Greenbriar

Notes
 Location:
 Client:
 User Name:
 Converted: July 12, 2019 13:54:51 (V 10.74)

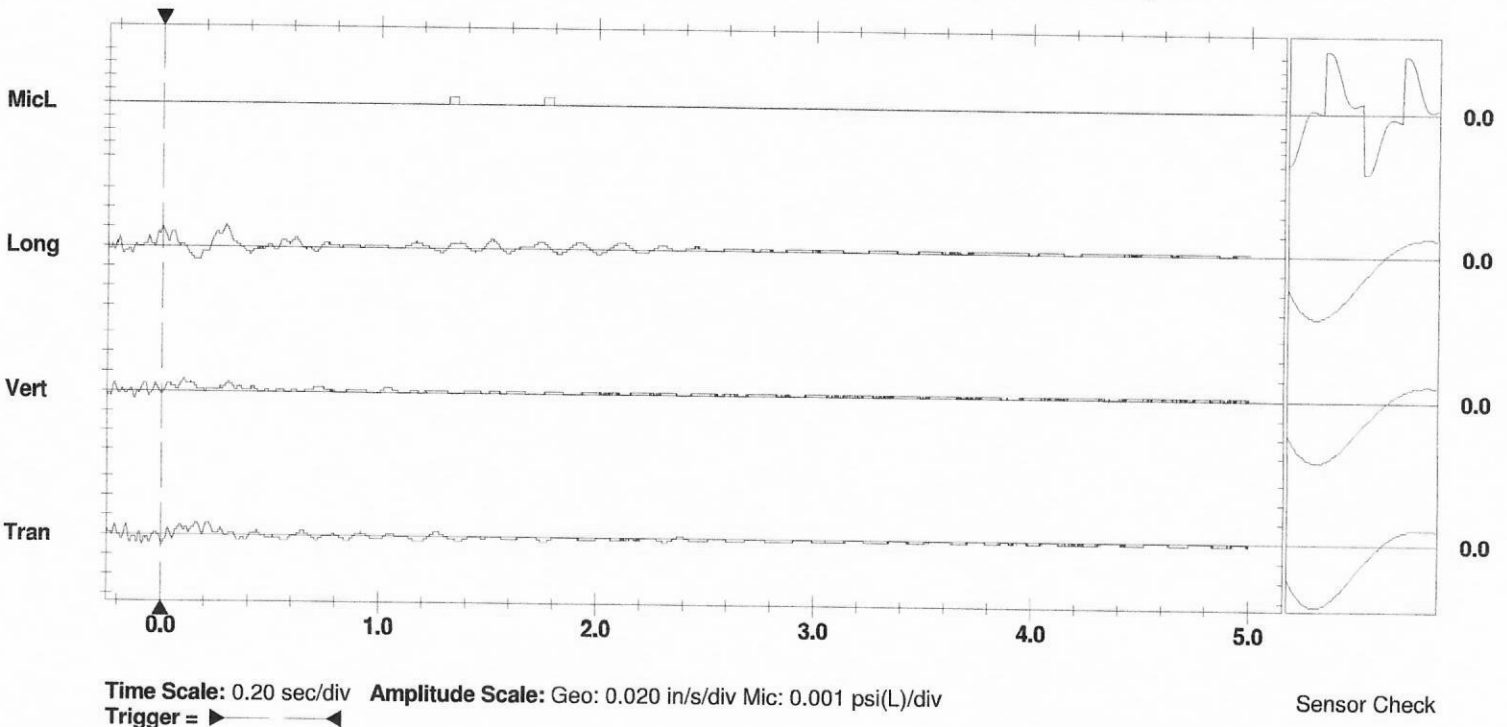
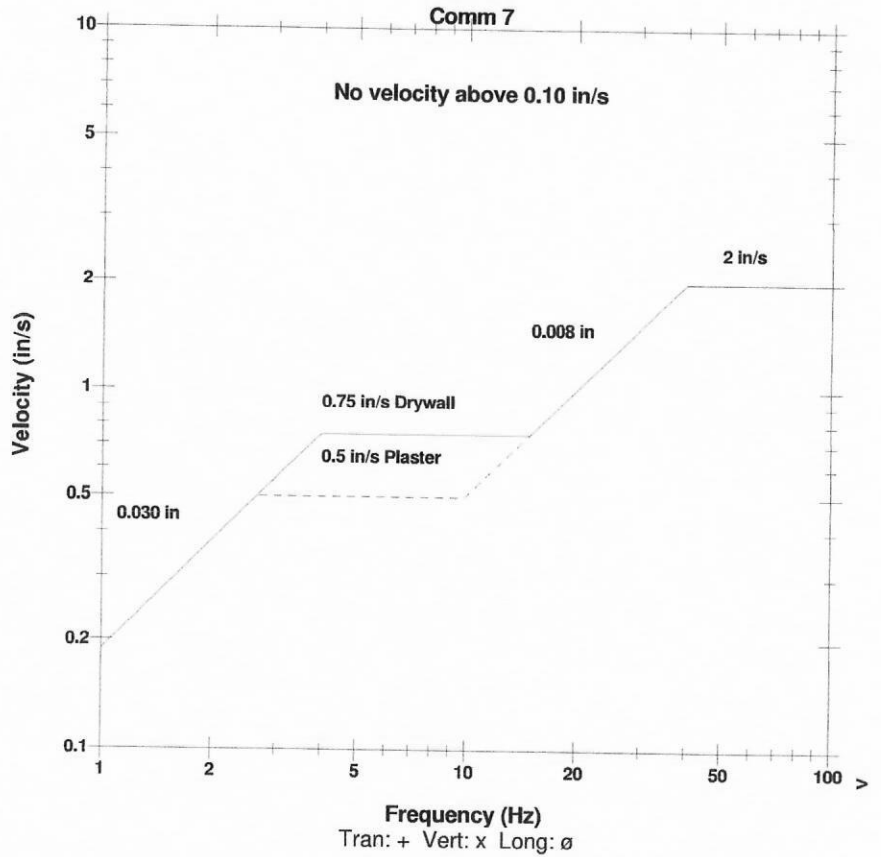
Extended Notes

Microphone Linear Weighting
PSPL 100.0 dB(L) at 1.313 sec
ZC Freq N/A
Channel Test Passed (Freq = 20.0 Hz Amp = 449 mv)

	Tran	Vert	Long	
PPV	0.013	0.013	0.023	in/s
ZC Freq	10	6.0	4.0	Hz
Time (Rel. to Trig)	0.157	0.099	0.291	sec
Peak Acceleration	0.007	0.007	0.007	g
Peak Displacement	0.000	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.1	7.6	8.0	Hz
Overswing Ratio	3.6	3.5	3.5	

Peak Vector Sum 0.024 in/s at 0.294 sec
 N/A: Not Applicable

Wisconsin Administrative Code



Date/Time Long at 09:52:39 July 12, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 3331 V 2.61 MiniMate
Battery Level 6.5 Volts
Unit Calibration February 4, 2019 by InstanTel
File Name E331I0QG.RR0
Post Event Notes
 Client : Homburg
 Location : 109 S Thompson

Notes
 Location: -
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: July 12, 2019 13:42:39 (V 10.74)

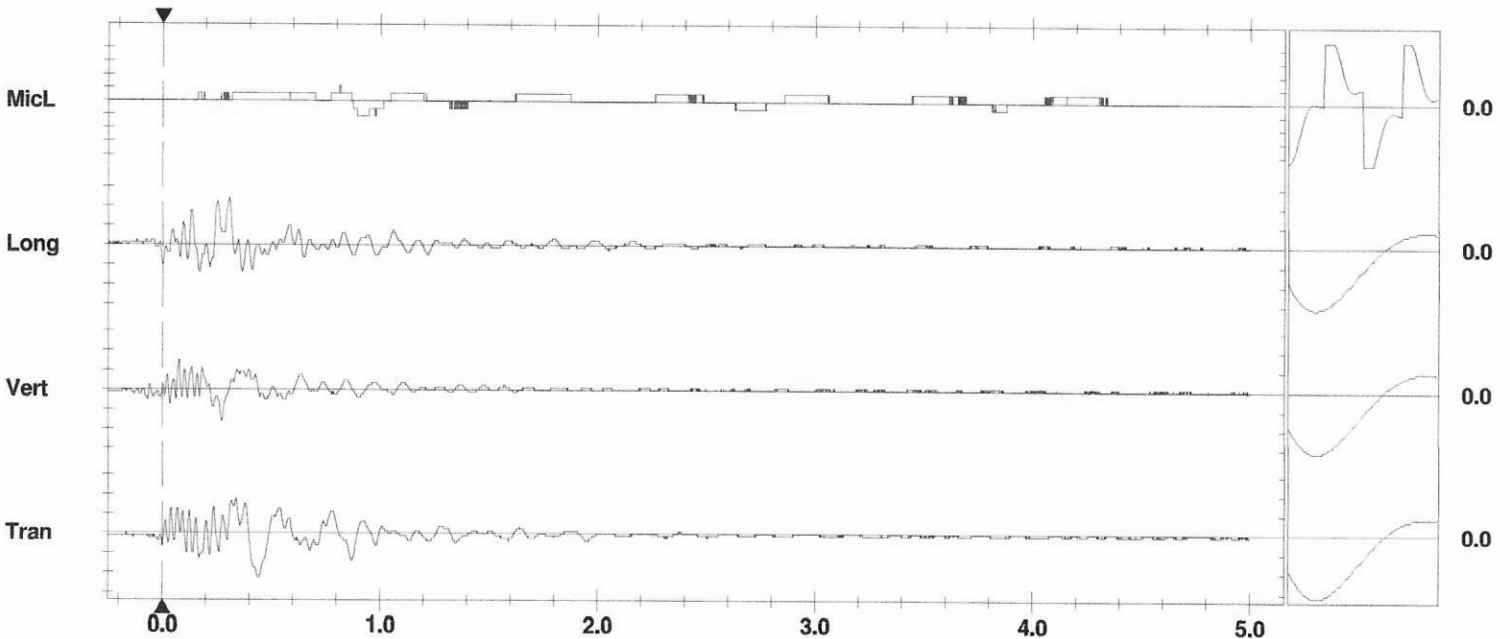
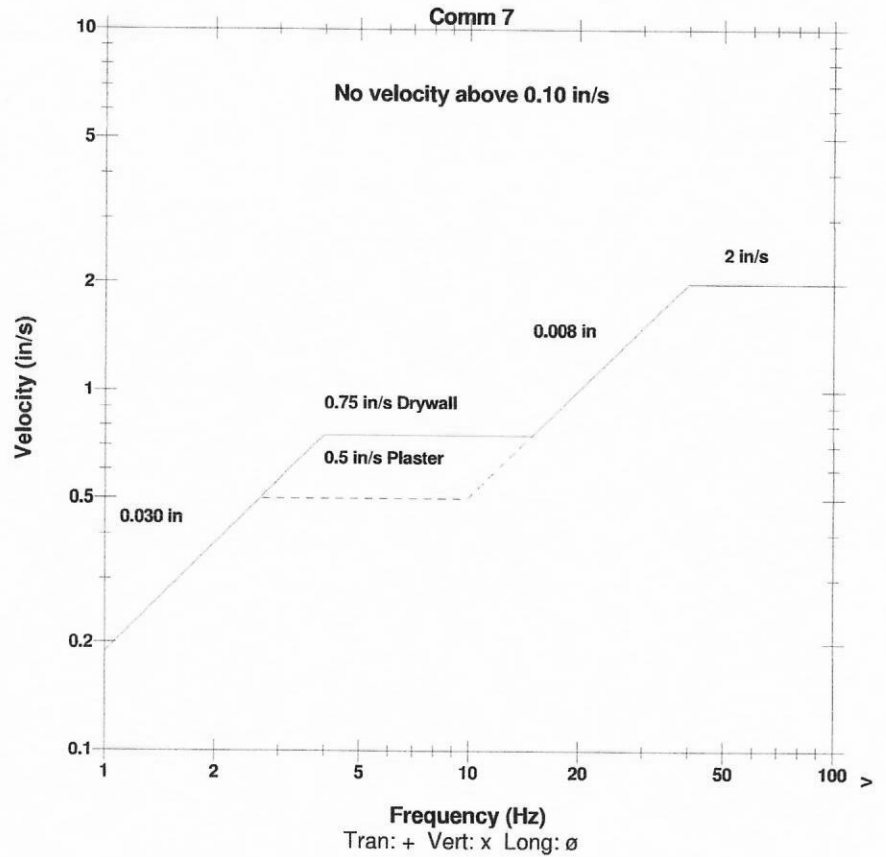
Extended Notes

Microphone Linear Weighting
PSPL 106.0 dB(L) at 0.813 sec
ZC Freq 5.0 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 537 mv)

	Tran	Vert	Long	
PPV	0.045	0.033	0.048	in/s
ZC Freq	6.0	6.0	6.0	Hz
Time (Rel. to Trig)	0.438	0.273	0.307	sec
Peak Acceleration	0.020	0.013	0.013	g
Peak Displacement	0.001	0.001	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.8	8.0	7.8	Hz
Overswing Ratio	3.8	3.5	3.9	

Peak Vector Sum 0.052 in/s at 0.312 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 09:52:12 July 12, 2019
Trigger Source Geo: 0.020 in/s
Range Geo: 4.999 in/s
Record Time 5.0 sec at 1024 sps

Serial Number 3053 V 2.61 MiniMate
Battery Level 6.4 Volts
Unit Calibration February 27, 2019 by InstanTEL
File Name E05310QG.R00
Post Event Notes
 Client : Homburg
 Location : 5410 Retana

Notes
 Location:
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: July 12, 2019 13:35:47 (V 10.74)

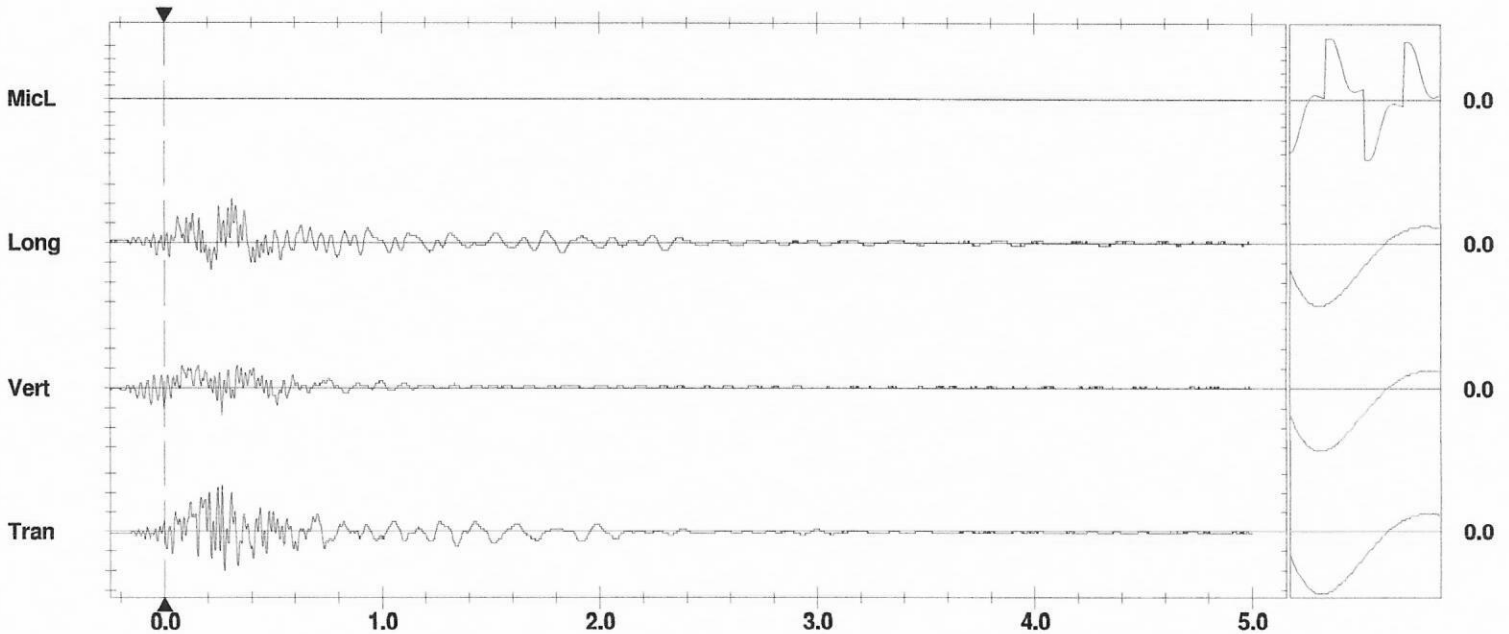
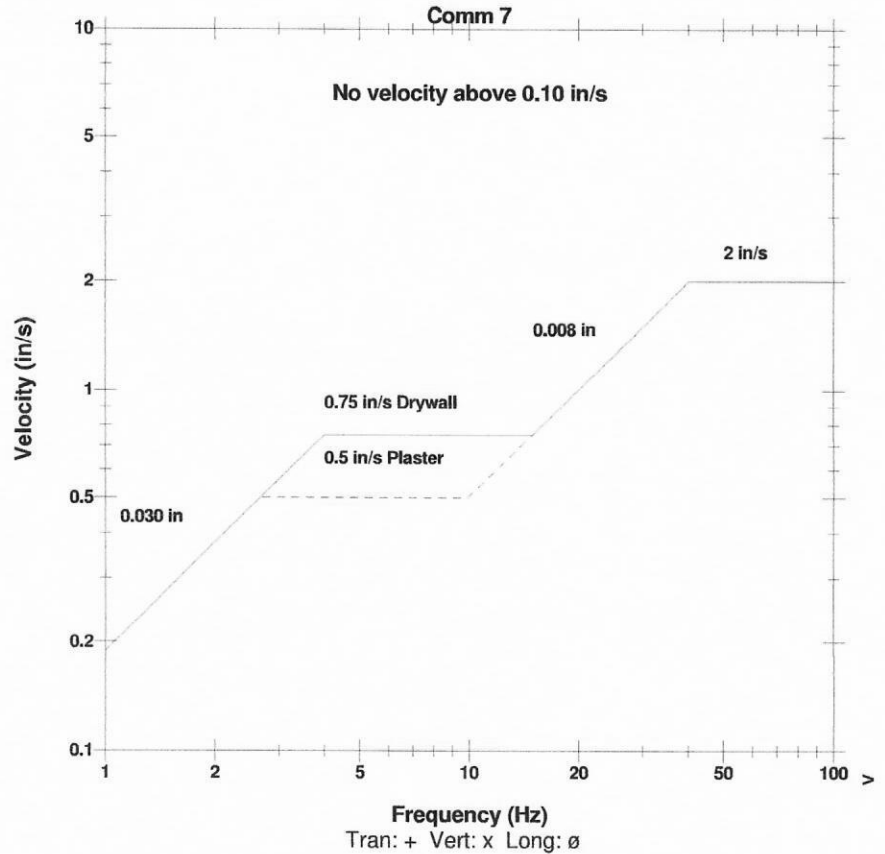
Extended Notes

Microphone Linear Weighting
PSPL <100 dB(L)
ZC Freq N/A
Channel Test Passed (Freq = 20.0 Hz Amp = 455 mv)

	Tran	Vert	Long	
PPV	0.048	0.028	0.045	in/s
ZC Freq	43	39	9.0	Hz
Time (Rel. to Trig)	0.266	0.266	0.312	sec
Peak Acceleration	0.033	0.013	0.020	g
Peak Displacement	0.000	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.8	7.8	8.0	Hz
Overswing Ratio	3.2	3.3	3.6	

Peak Vector Sum 0.056 in/s at 0.266 sec
 N/A: Not Applicable

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