

Date/Time Long at 09:44:09 October 25, 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 6.4 Volts
Unit Calibration February 4, 2019 by InstanTel
File Name E331I64W.DL0
Post Event Notes
 Homburg
 109 S Thompson

Notes
 Location: -
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: October 29, 2019 05:15:34 (V 10.74)

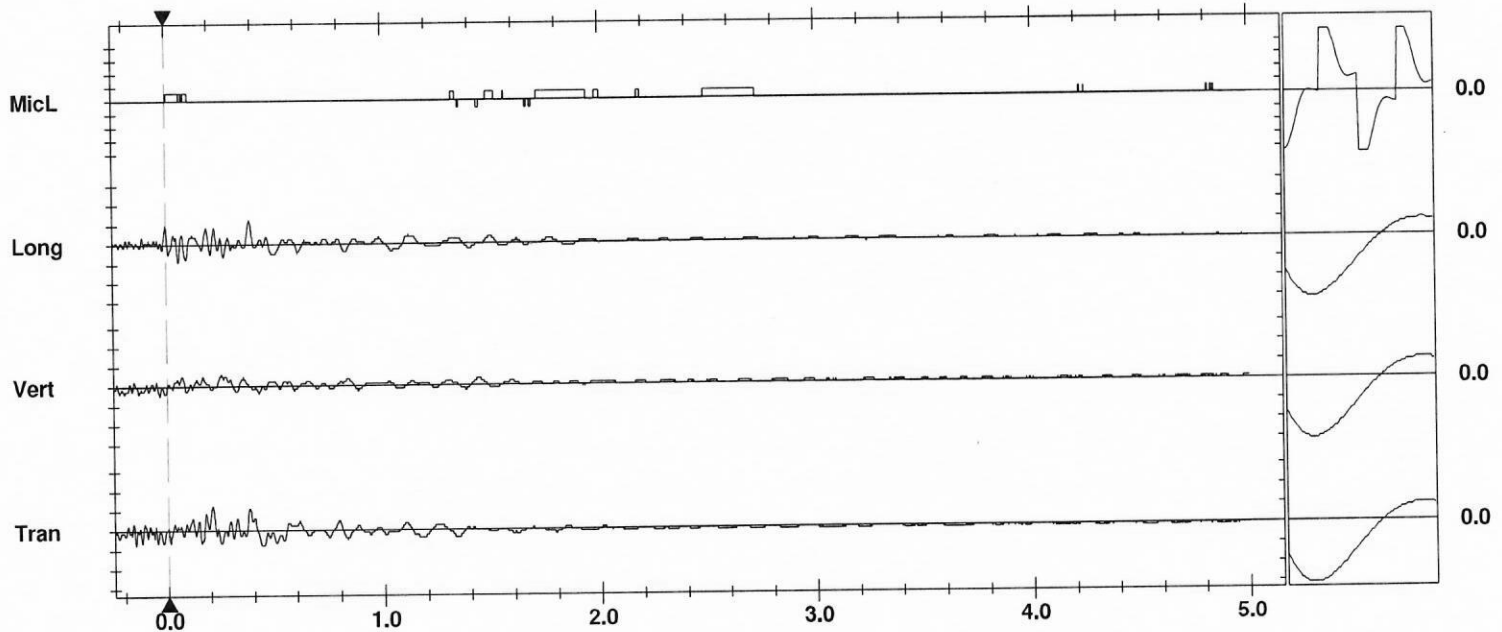
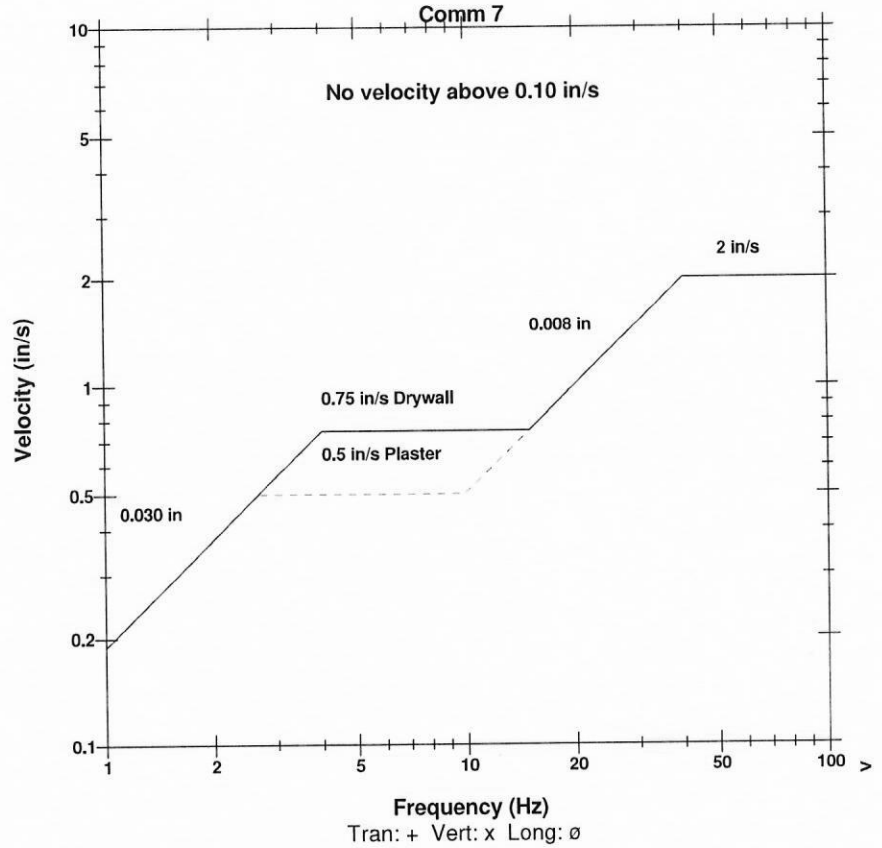
Extended Notes

Microphone Linear Weighting
PSPL 100.0 dB(L) at 0.004 sec
ZC Freq N/A
Channel Test Passed (Freq = 20.0 Hz Amp = 536 mv)

	Tran	Vert	Long	
PPV	0.025	0.013	0.025	in/s
ZC Freq	18	8.0	17	Hz
Time (Rel. to Trig)	0.207	0.252	0.390	sec
Peak Acceleration	0.013	0.007	0.013	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.8	8.0	7.8	Hz
Overswing Ratio	3.7	3.5	3.8	

Peak Vector Sum 0.030 in/s at 0.386 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

Date/Time Vert at 09:44:39 October 25, 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 F795164W.EF0
Post Event Notes
 Homburg
 5410 Retana

Notes
 Location:
 Client:
 User Name: AHLGRIMM EXPLOSIVES CO
 Converted: October 29, 2019 05:25:39 (V 10.74)

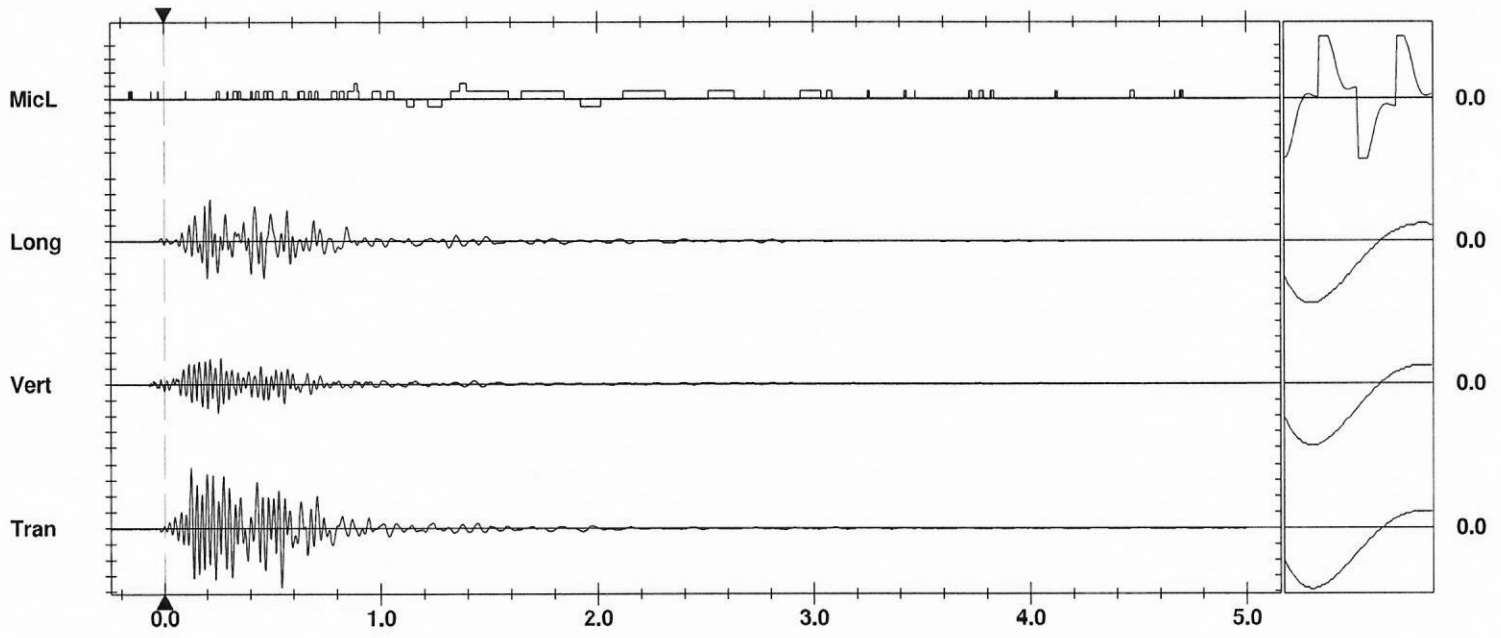
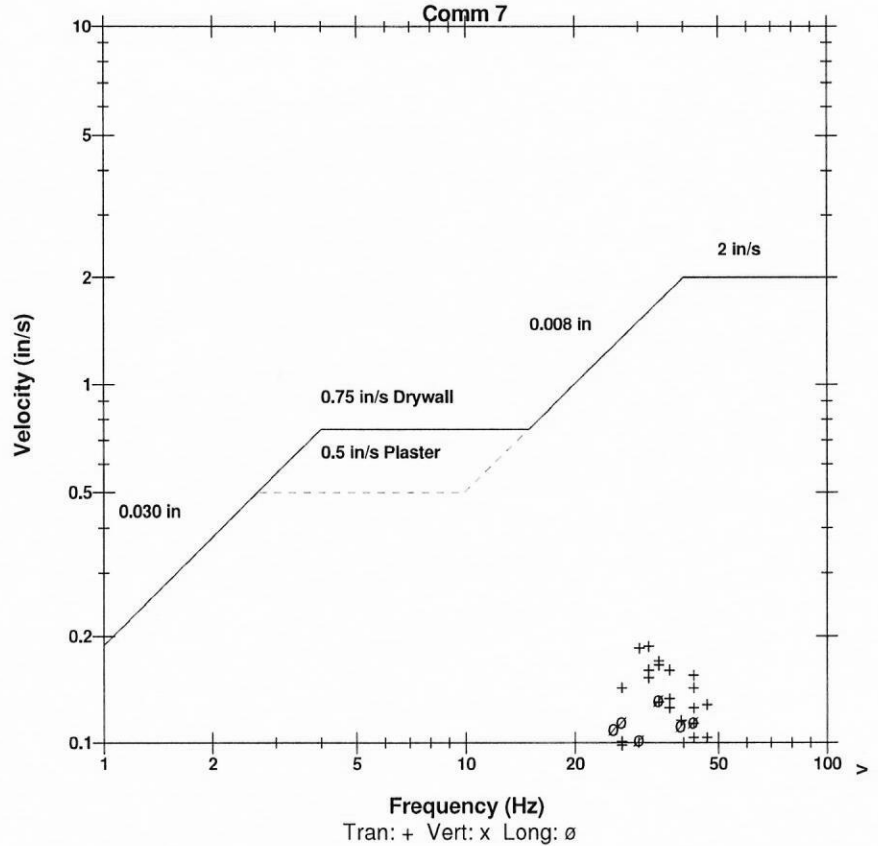
Extended Notes

Microphone Linear Weighting
PSPL 106.0 dB(L) at 0.885 sec
ZC Freq 10 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 500 mv)

	Tran	Vert	Long	
PPV	0.190	0.090	0.133	in/s
ZC Freq	32	39	34	Hz
Time (Rel. to Trig)	0.126	0.253	0.216	sec
Peak Acceleration	0.113	0.060	0.086	g
Peak Displacement	0.001	0.000	0.001	in
Sensor Check	Passed	Passed	Passed	
Frequency	7.6	7.8	7.8	Hz
Overswing Ratio	4.0	3.7	3.7	

Peak Vector Sum 0.198 in/s at 0.202 sec

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 Tran at 09:44:17 October 25, 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 6.4 Volts
Unit Calibration February 28, 2019 by Instantel
File Name F804I64W.DT0
Post Event Notes
 Homburg
 5310 Greenbriar

Notes
 Location:
 Client:
 User Name: Ahlgrimm Explosives Co
 Converted: October 29, 2019 05:36:26 (V 10.74)

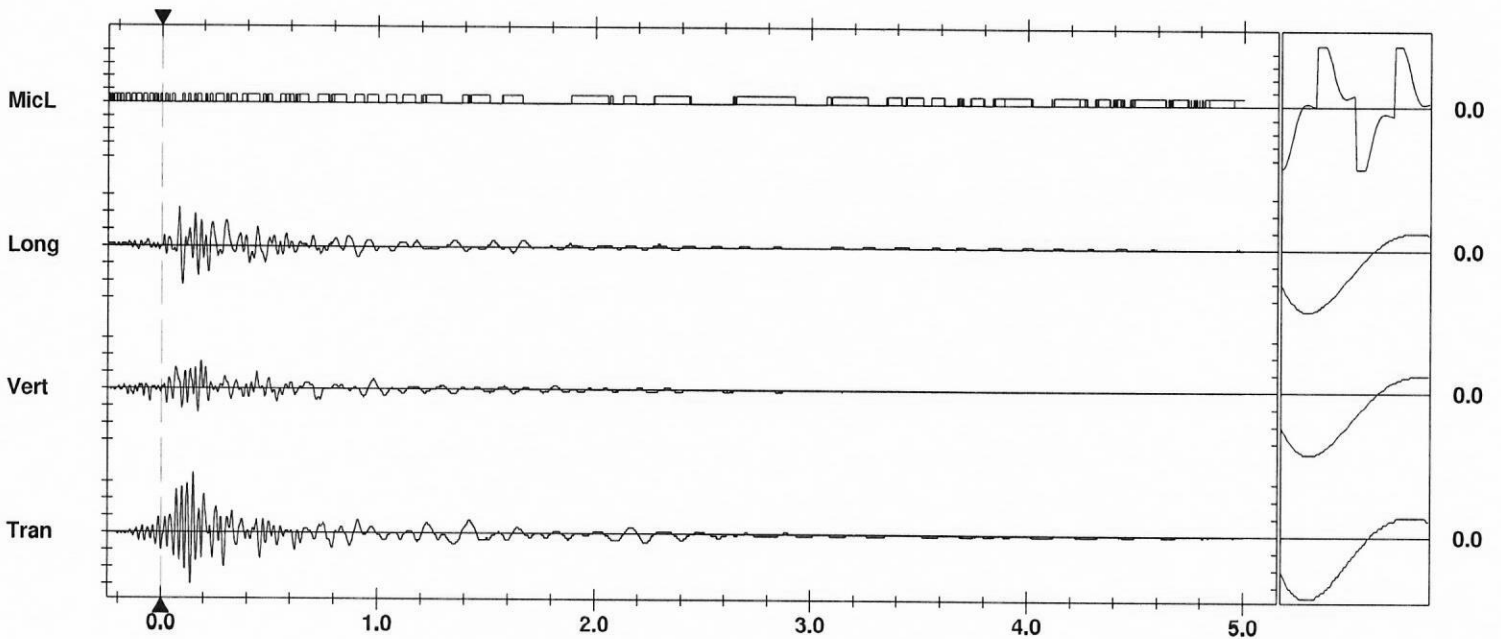
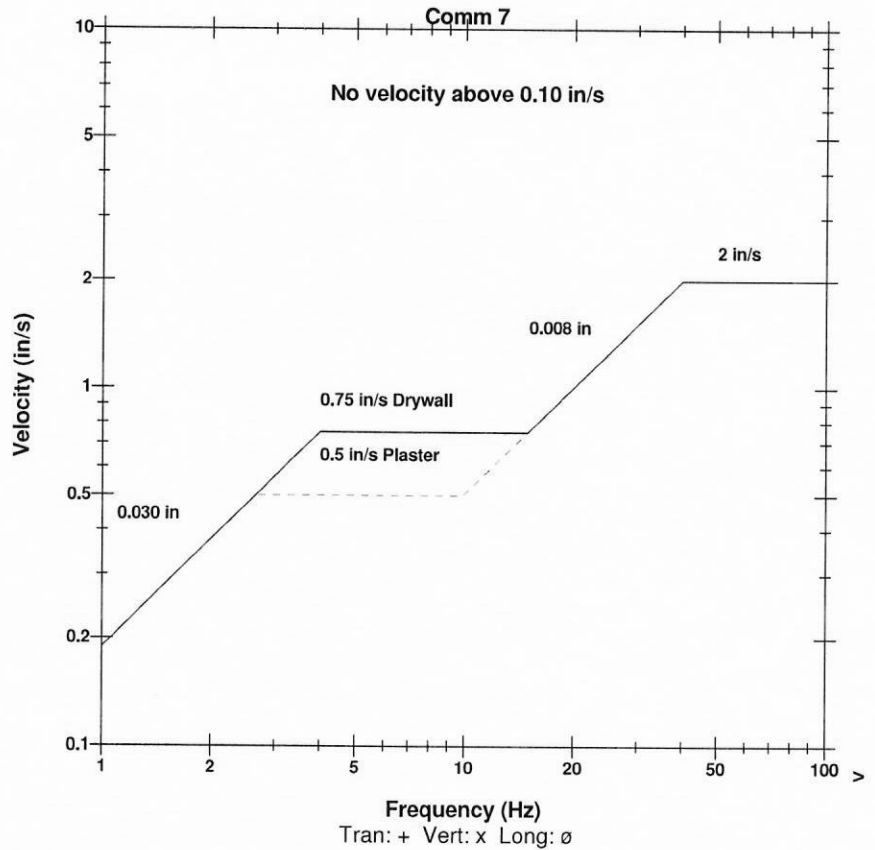
Extended Notes

Microphone Linear Weighting
PSPL 100.0 dB(L) at 0.000 sec
ZC Freq 64 Hz
Channel Test Passed (Freq = 20.0 Hz Amp = 507 mv)

	Tran	Vert	Long	
PPV	0.070	0.033	0.045	in/s
ZC Freq	34	32	27	Hz
Time (Rel. to Trig)	0.152	0.187	0.084	sec
Peak Acceleration	0.040	0.020	0.027	g
Peak Displacement	0.000	0.000	0.000	in
Sensor Check	Passed	Passed	Passed	
Frequency	8.5	7.8	8.1	Hz
Overswing Ratio	3.5	3.7	3.6	

Peak Vector Sum 0.073 in/s at 0.100 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