

	Vibration Monitoring Report Summary			
	Thurston Elementary School	Project Number: 233473		Date: 8/22/25 to 8/28/25
	Client: Ann Arbor Public Schools		Client Contact: Erik Bodker (Gilbane)	
Project Address: 2300 Prairie Street, Ann Arbor MI				
Micromate/Minimate Serial No. :		UM17586	Geophone Serial No.:	UM17586
Vibration Unit Location:	UM17586 - Northeast side of side approximately 100 feet west of edge of house at 2211 Georgetown Boulevard			
Maximum Peak Particle Velocity (PPV) (in/sec):			Frequency (Hz) at PPV:	
UM17586	0.1288 - Longitudinal Channel on 8-25-25 at 08:15:18		UM17586	24.4Hz
Maximum Specified PPV (in/sec):		0.20		
Description of Construction Activities: G2 understands that construction activities consist of the installation of Geopier rammed-aggregate piers (RAP) on the northeast side of the proposed structure. Zero (0) vibration events for occurred. The vibration event recorded at 10:59 on August 22 represents a manual test performed by slapping the sandbag holding the geophone in place, the purpose of which was to ensure the automated email report would be triggered if a vibration event occurred.				
Reported By: RPC, E.I.T			Reviewed By: JBS, P.E.	



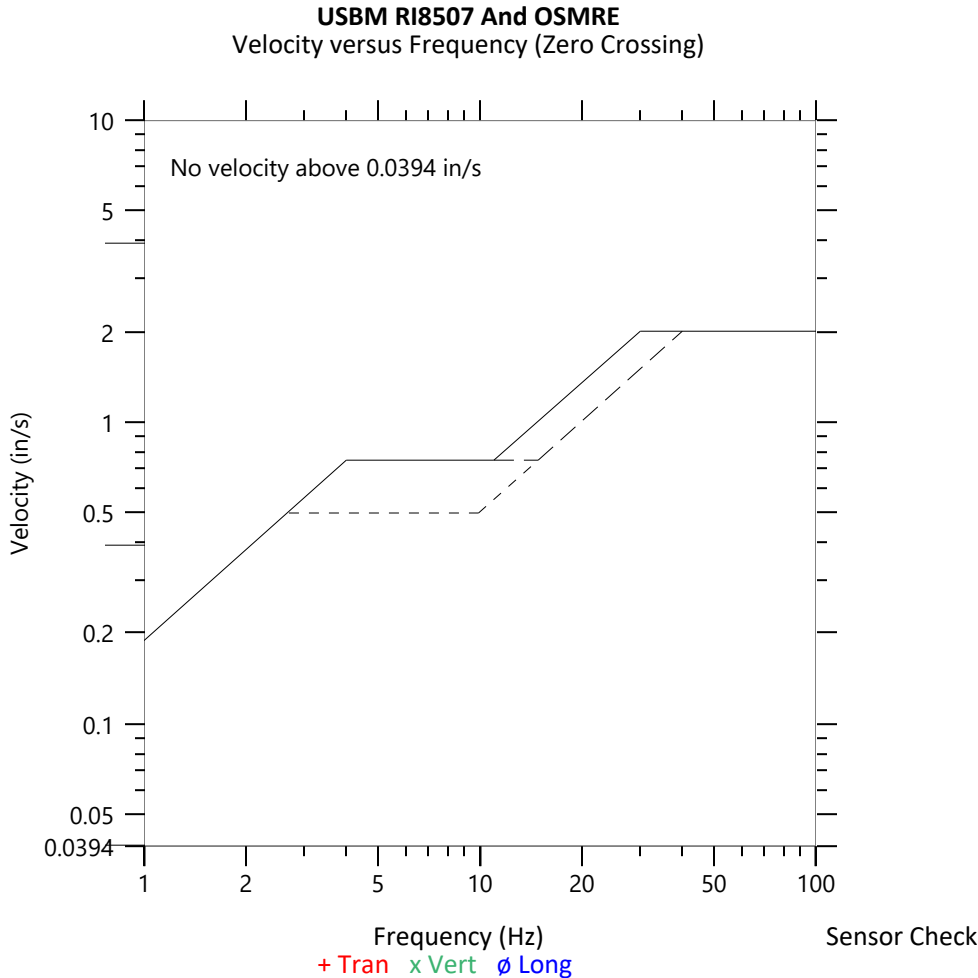
Start August 21, 2025 17:00:16
Finish August 22, 2025 07:29:59
Number of Intervals/Interval 57.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250821170016.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0106 in/s	0.0053 in/s	0.0068 in/s
Zero Crossing Frequency	11.9 Hz	18.3 Hz	14.2 Hz
Date	Aug 22, 2025	Aug 22, 2025	Aug 22, 2025
Time	07:29:59	07:29:59	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.5
Peak Vector Sum	0.0111 in/s at August 22, 2025 07:30:16		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 22, 2025 07:30:17
August 22, 2025 10:59:06
13.92/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

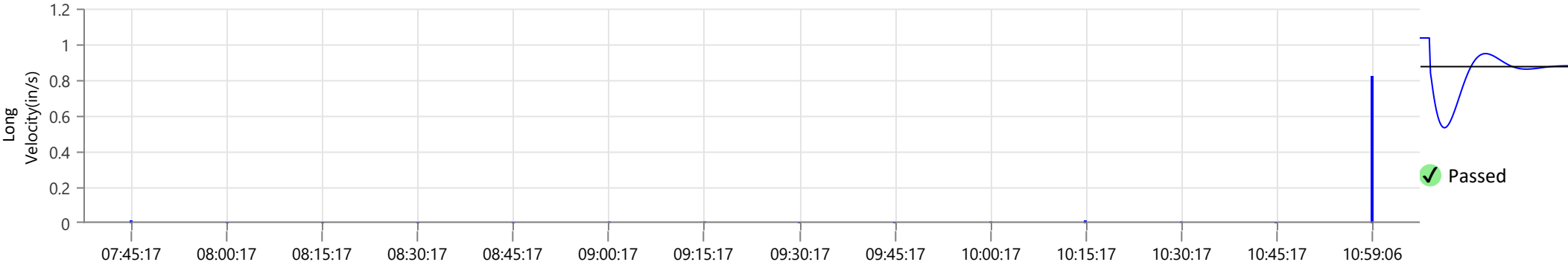
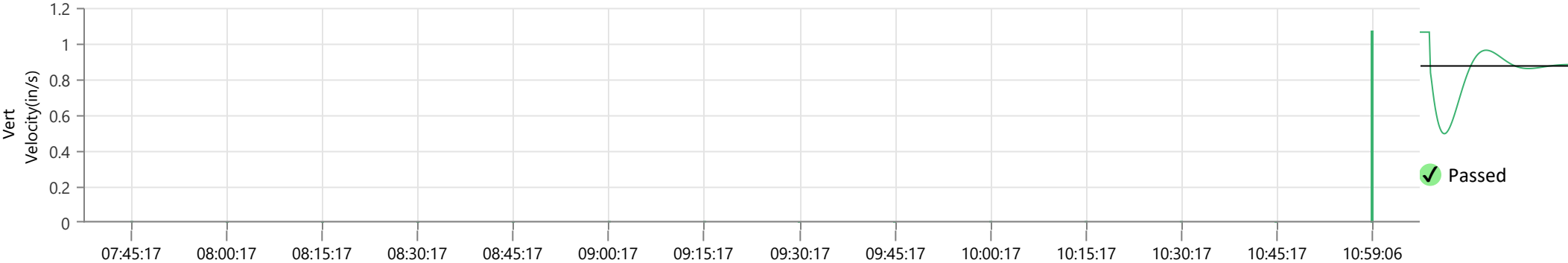
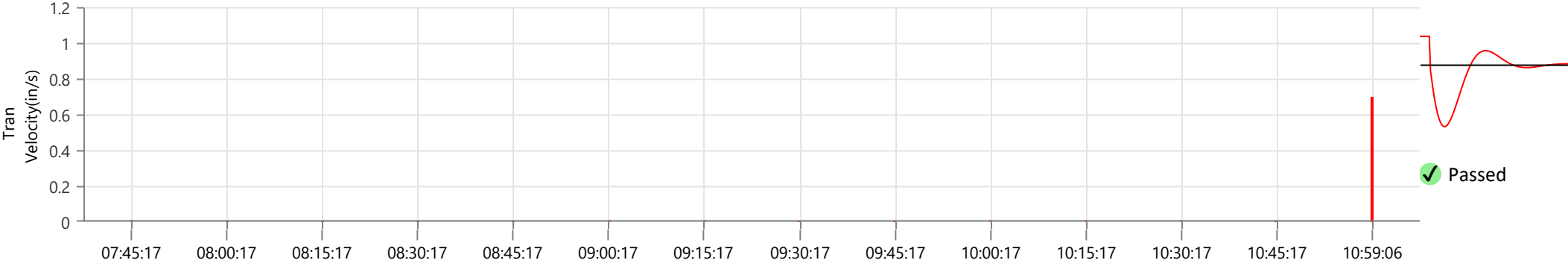
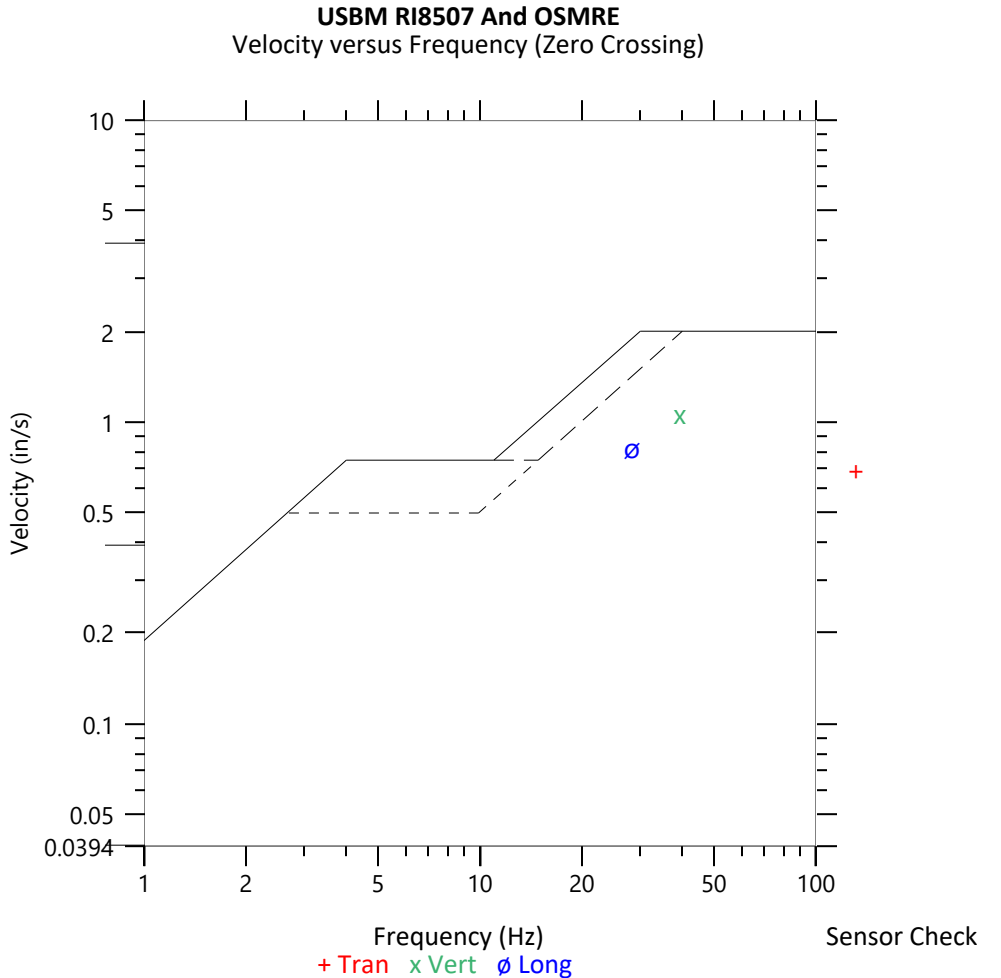
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822073017.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.7041 in/s	1.0734 in/s	0.8288 in/s
Zero Crossing Frequency	>100 Hz	39.4 Hz	28.4 Hz
Date	Aug 22, 2025	Aug 22, 2025	Aug 22, 2025
Time	10:59:06	10:59:06	10:59:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.6
Peak Vector Sum	1.4129 in/s at August 22, 2025 11:00:17		





Waveform Trigger Source
Trigger Level(s)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Tran at August 22, 2025 10:59:01
Geo 0.2000 in/s
1.00 sec/5.0 sec (Fixed)
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822105901.IDFW
Disabled

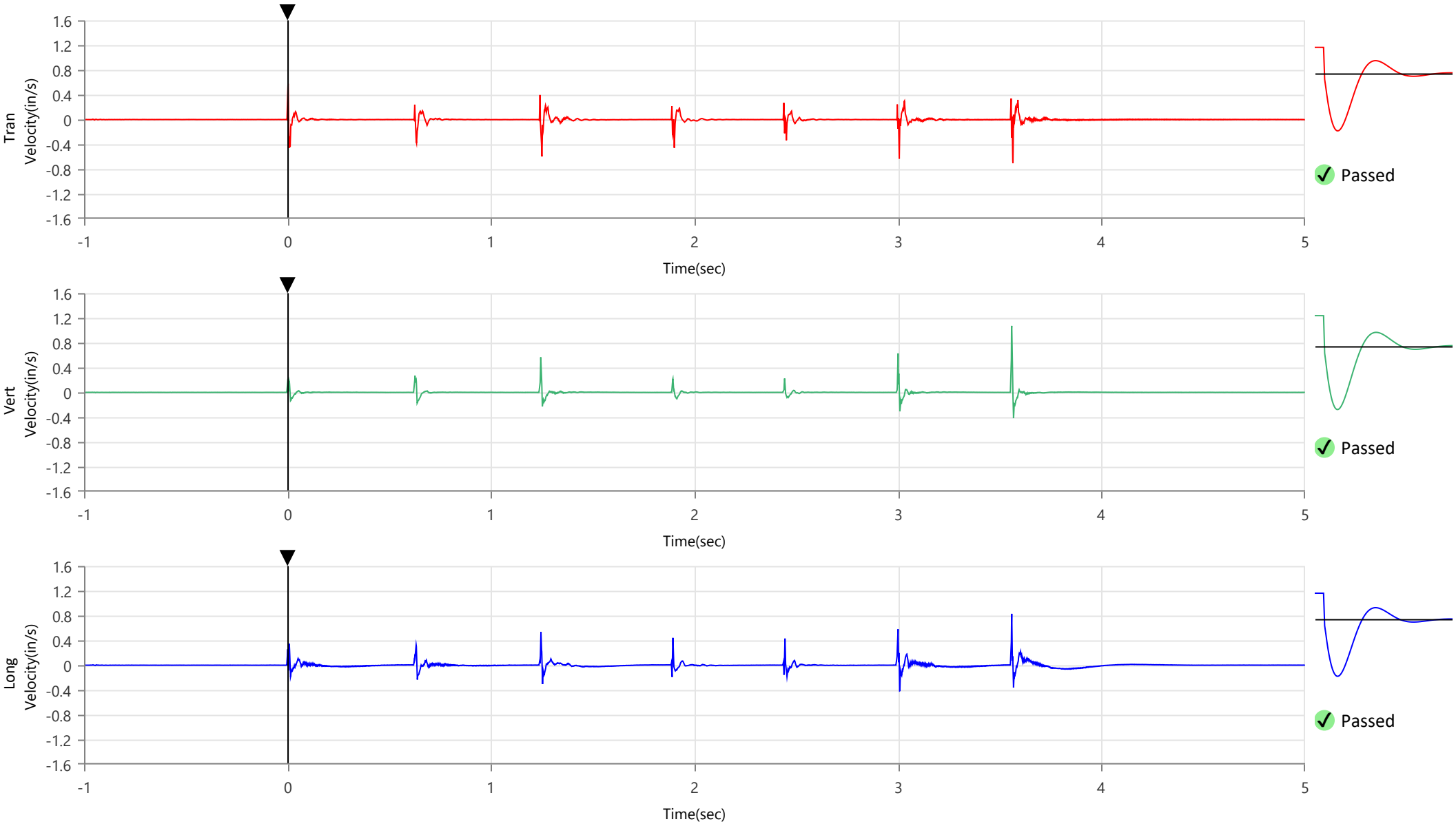
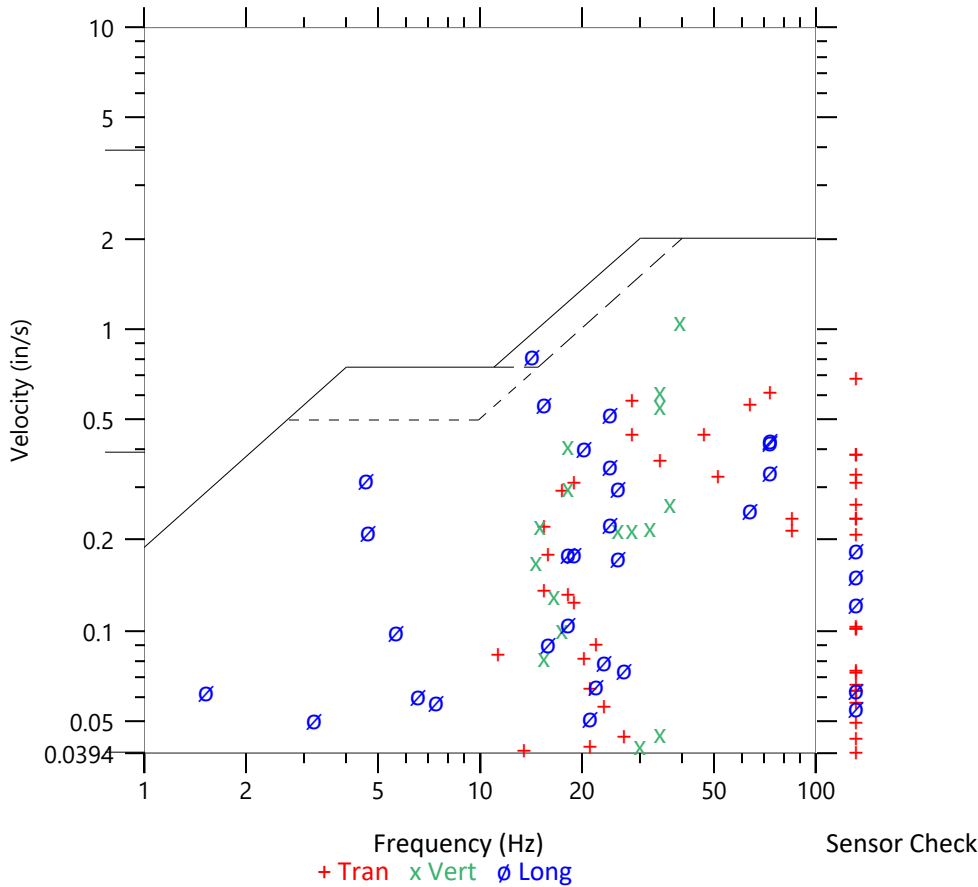
Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor
Gibbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.7041 in/s	1.0734 in/s	0.8288 in/s
Zero Crossing Frequency	>100 Hz	39.4 Hz	28.4 Hz
Time (Relative to Trigger)	3.564 sec	3.559 sec	3.559 sec
Peak Acceleration	1.053 g	1.854 g	0.998 g
Peak Displacement	0.002 in	0.002 in	0.006 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.6
Peak Vector Sum	1.4129 in/s at 3.559 sec		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





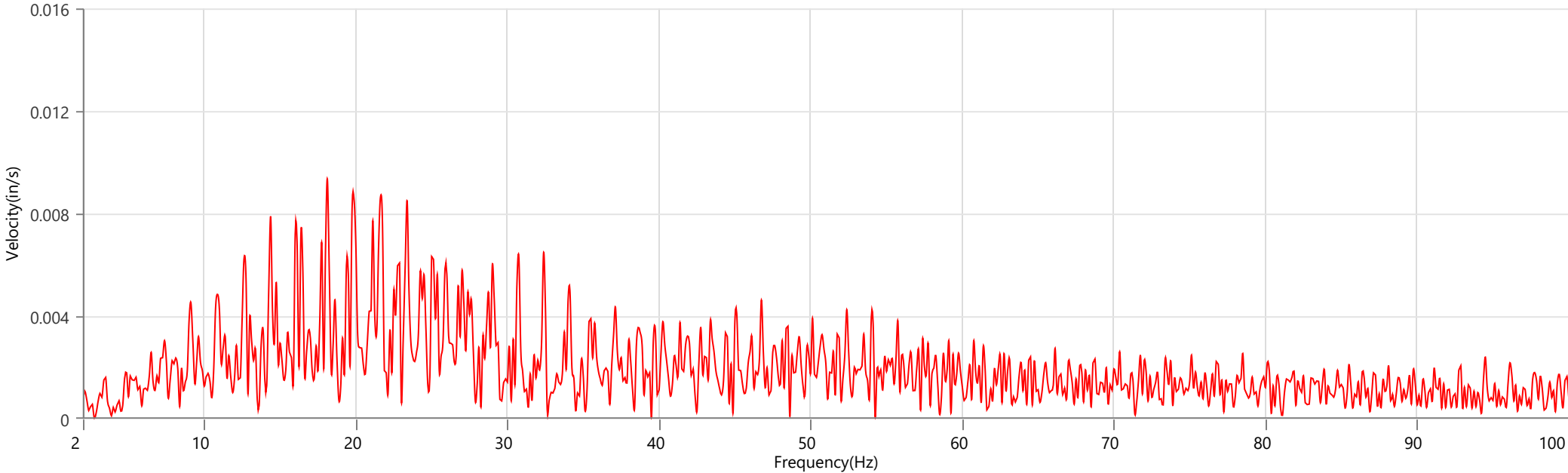
Waveform Trigger Source Tran at August 22, 2025 10:59:01
Trigger Level(s) Geo 0.2000 in/s
Pre-Trigger/Record Time 1.00 sec/5.0 sec (Fixed)
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250822105901.IDFW
USB Sensor Support Disabled

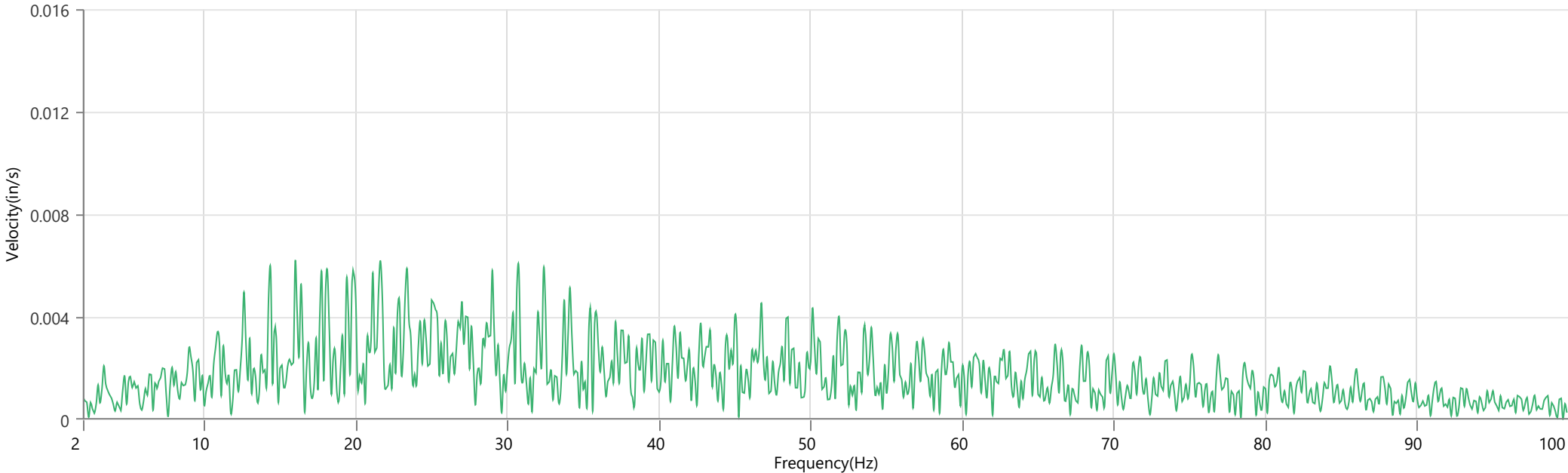
Notes
Location Thurston Elementary School, Ann Arbor
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

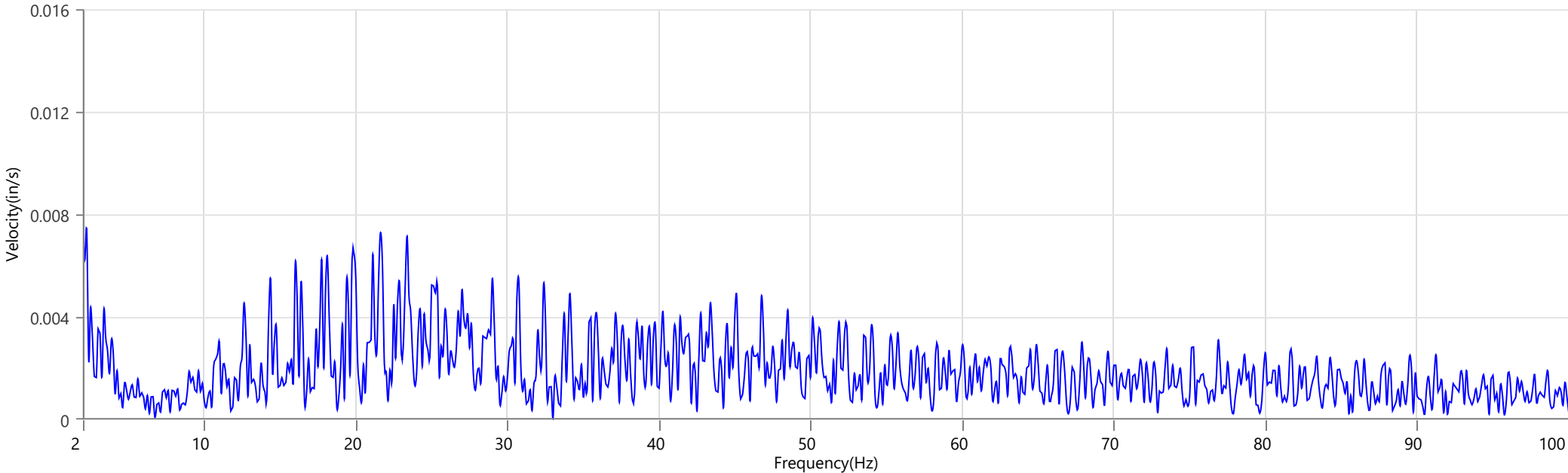
Tran - Dominant Frequency 18.1 Hz, Amplitude 0.0093 in/s (Peak Particle Velocity: 0.7041 in/s)



Vert - Dominant Frequency 21.6 Hz, Amplitude 0.0062 in/s (Peak Particle Velocity: 1.0734 in/s)



Long - Dominant Frequency 2.0 Hz, Amplitude 0.0074 in/s (Peak Particle Velocity: 0.8288 in/s)





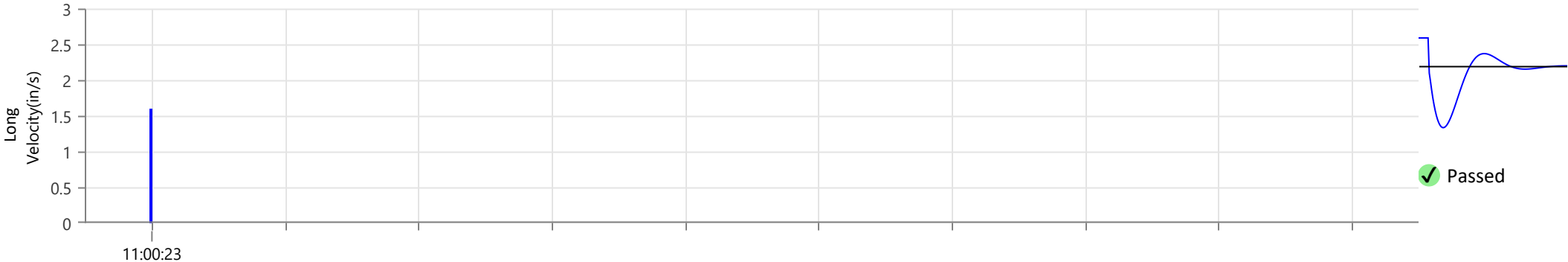
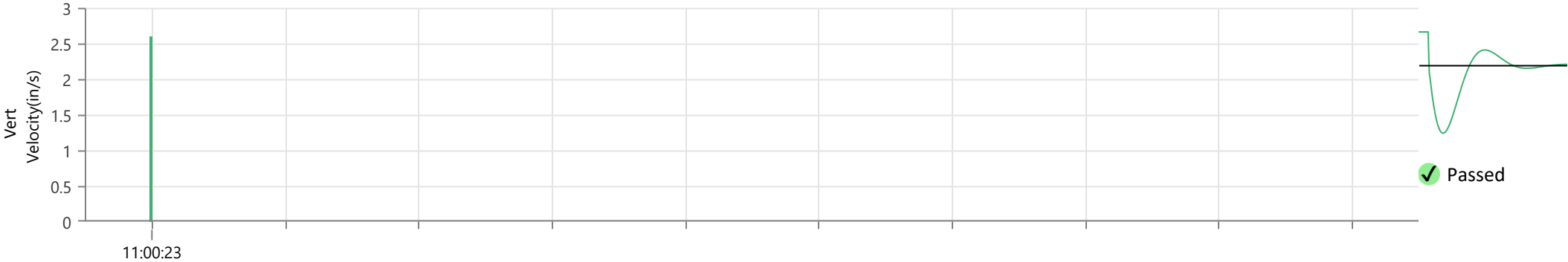
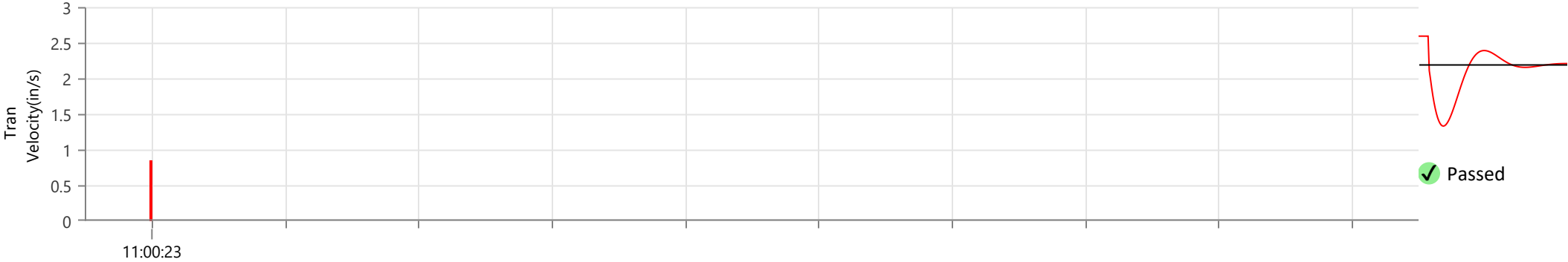
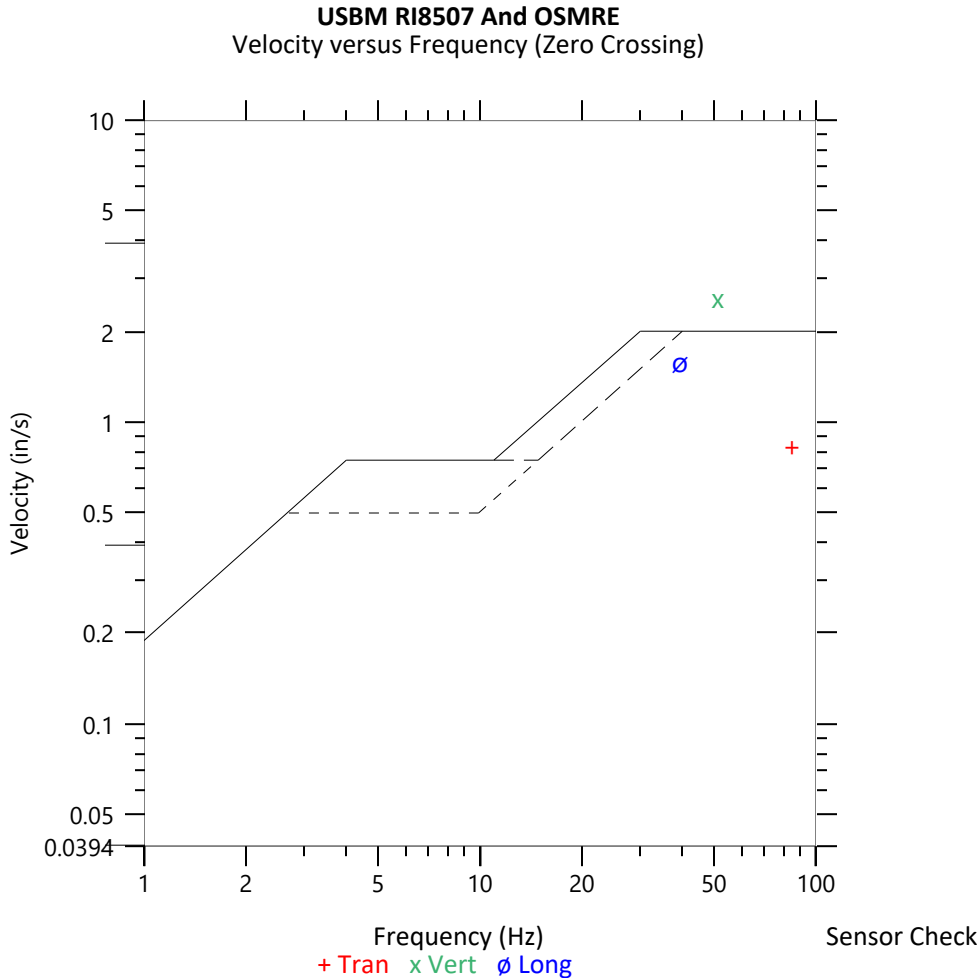
Start August 22, 2025 10:59:34
Finish August 22, 2025 11:00:23
Number of Intervals/Interval 0.05/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250822105934.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.8496 in/s	2.5948 in/s	1.6124 in/s
Zero Crossing Frequency	85.3 Hz	51.2 Hz	39.4 Hz
Date	Aug 22, 2025	Aug 22, 2025	Aug 22, 2025
Time	11:00:23	11:00:23	11:00:23
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	2.7910 in/s at August 22, 2025 11:14:34		





Waveform Trigger Source
Trigger Level(s)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at August 22, 2025 11:00:18
Geo 0.2000 in/s
1.00 sec/5.0 sec (Fixed)
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822110018.IDFW
Disabled

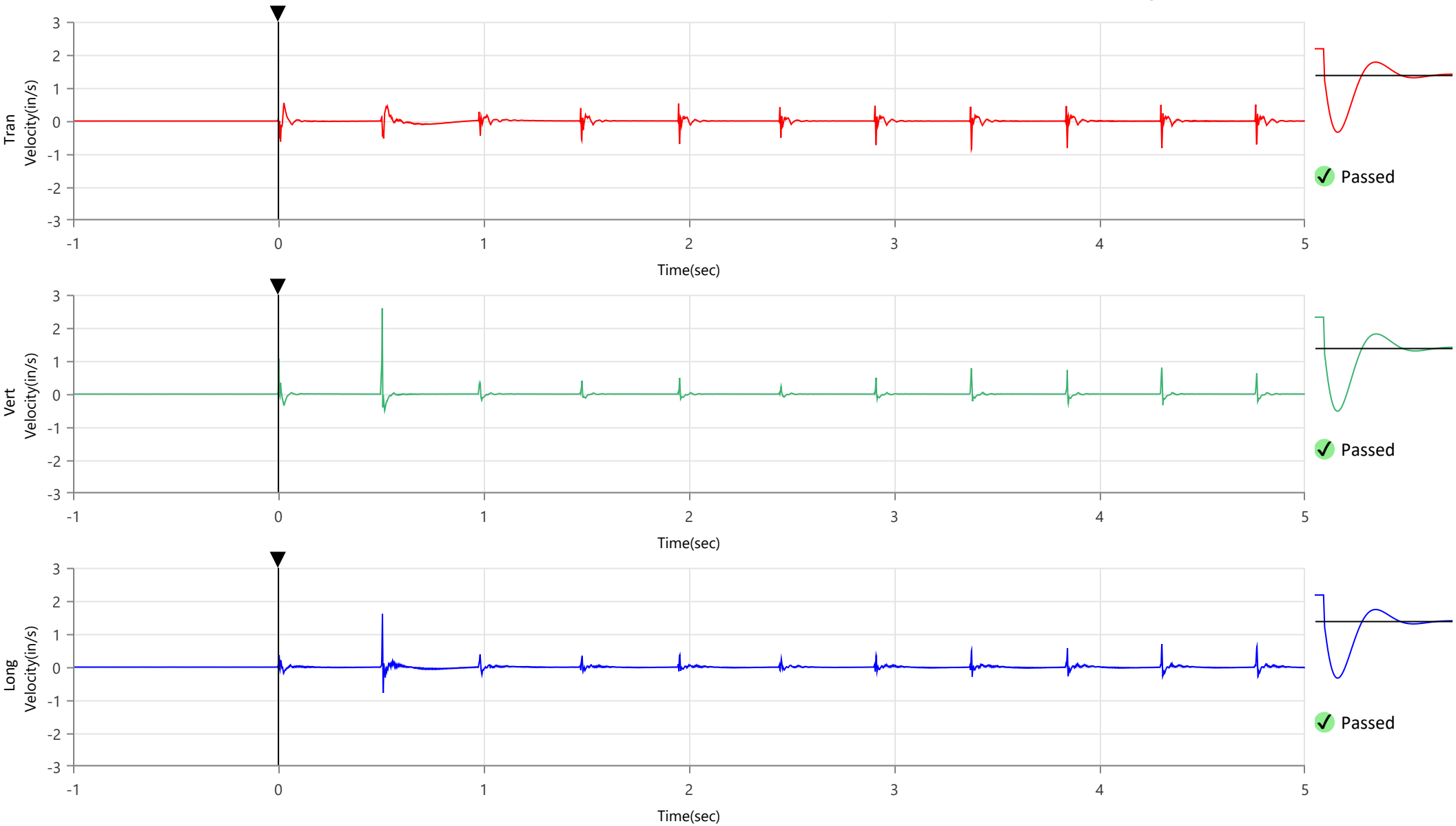
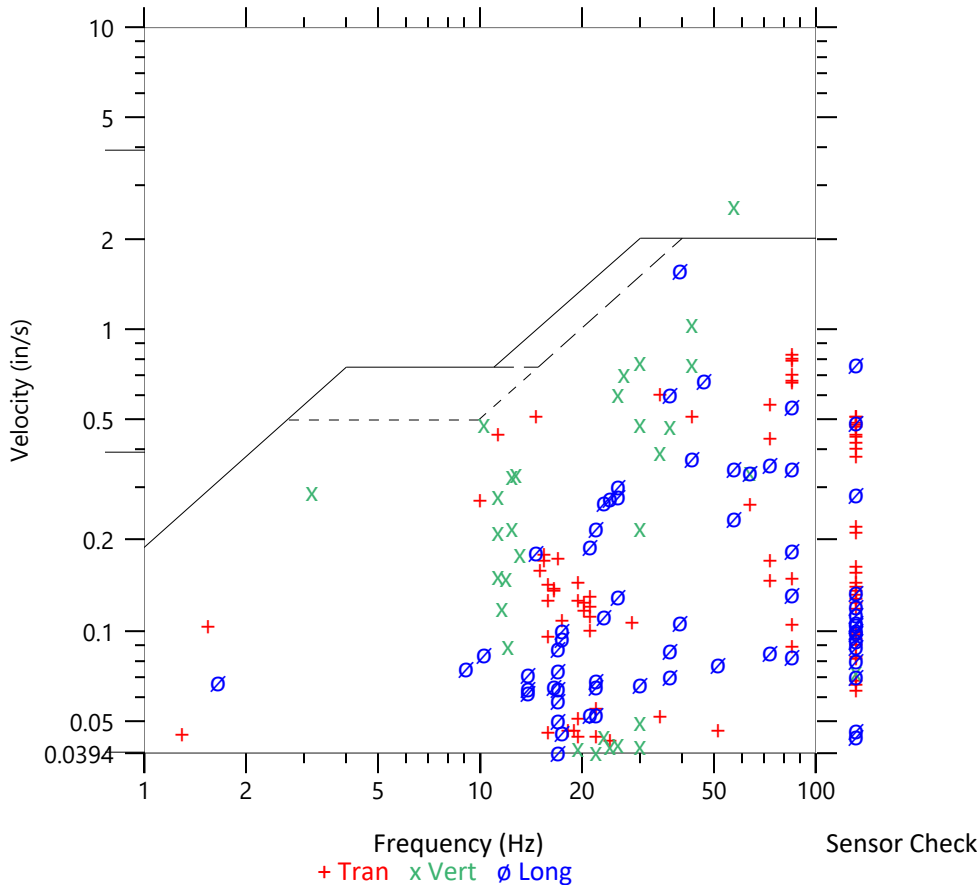
Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor
Gibbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.8496 in/s	2.5948 in/s	1.6124 in/s
Zero Crossing Frequency	85.3 Hz	51.2 Hz	39.4 Hz
Time (Relative to Trigger)	3.375 sec	0.506 sec	0.507 sec
Peak Acceleration	1.156 g	4.086 g	2.936 g
Peak Displacement	0.010 in	0.004 in	0.005 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	2.7910 in/s at 0.506 sec		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Waveform Trigger Source
Trigger Level(s)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at August 22, 2025 11:00:18
Geo 0.2000 in/s
1.00 sec/5.0 sec (Fixed)
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

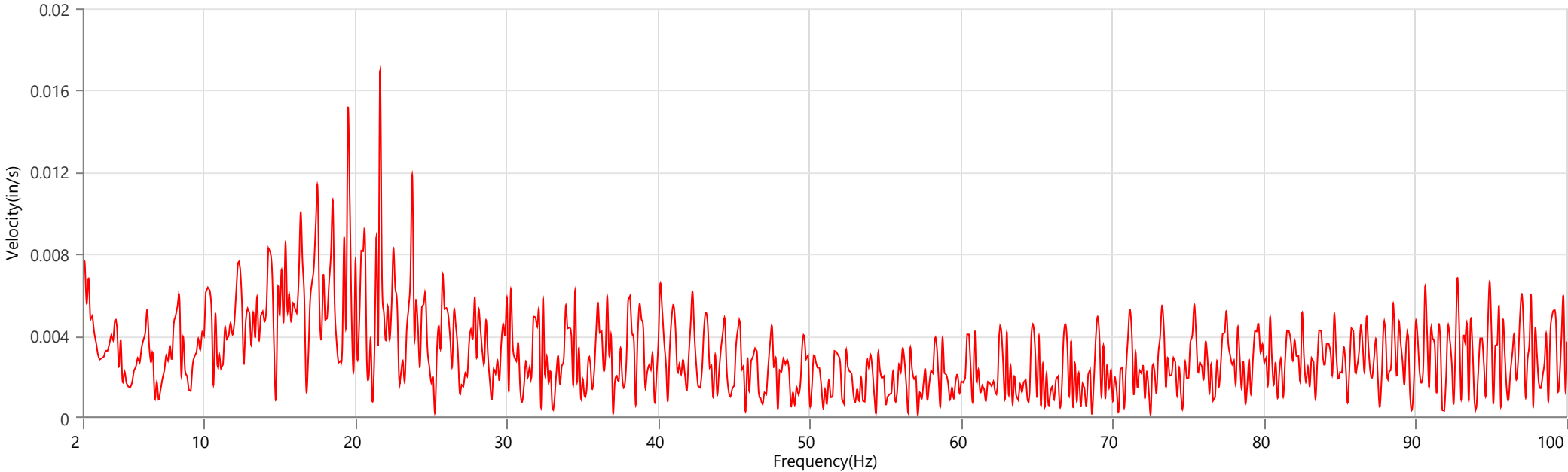
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822110018.IDFW
Disabled

Notes
Location
Client
Company
General Notes

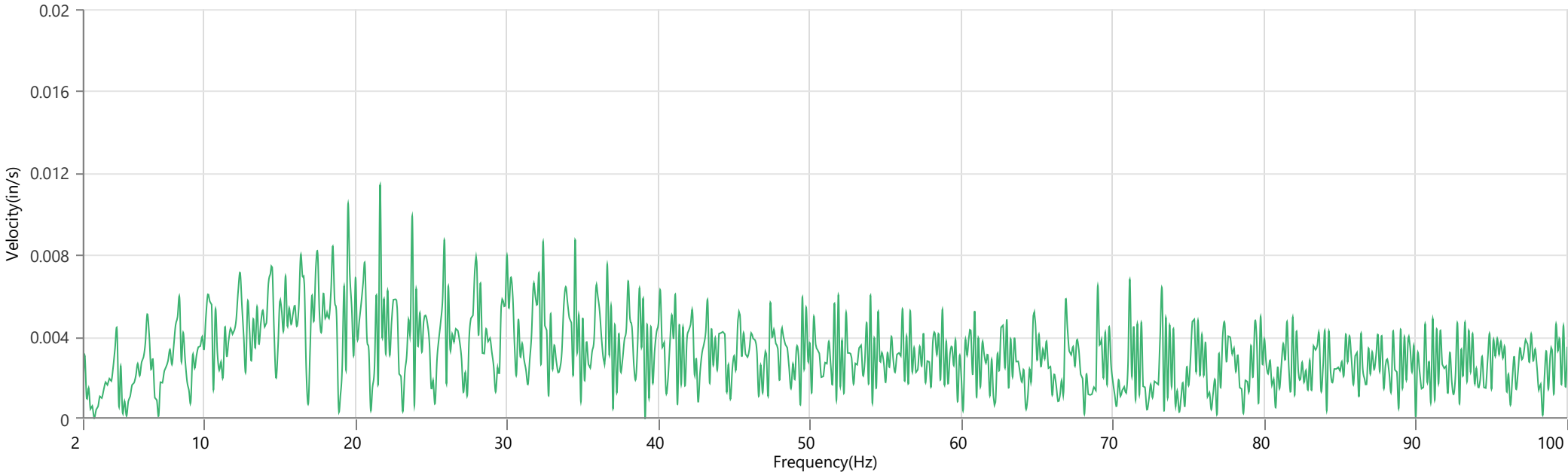
Thurston Elementary School, Ann Arbor
Gibbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

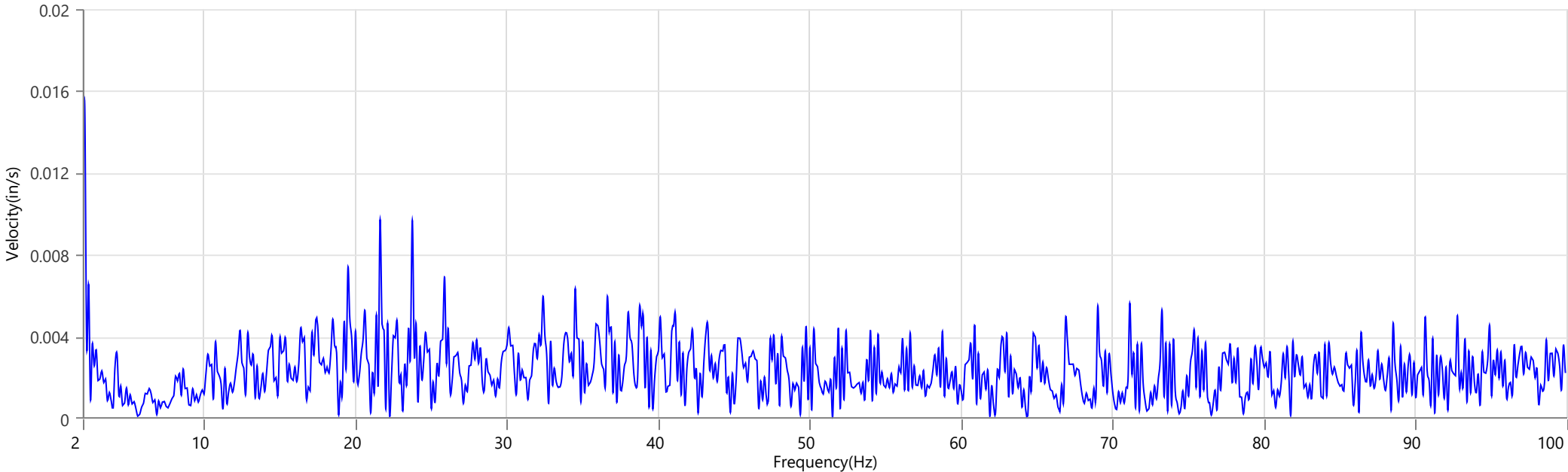
Tran - Dominant Frequency 21.6 Hz, Amplitude 0.0169 in/s (Peak Particle Velocity: 0.8496 in/s)



Vert - Dominant Frequency 21.6 Hz, Amplitude 0.0114 in/s (Peak Particle Velocity: 2.5948 in/s)



Long - Dominant Frequency 2.1 Hz, Amplitude 0.0154 in/s (Peak Particle Velocity: 1.6124 in/s)





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 22, 2025 11:00:48
August 22, 2025 11:59:59
3.95/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

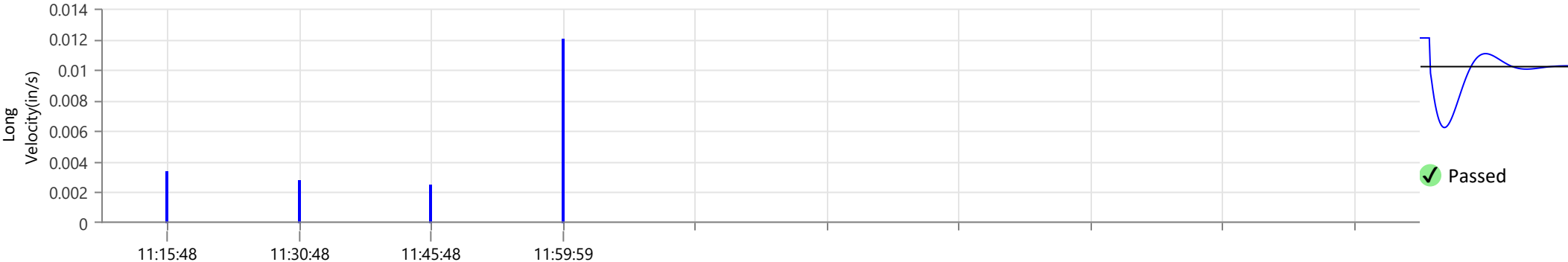
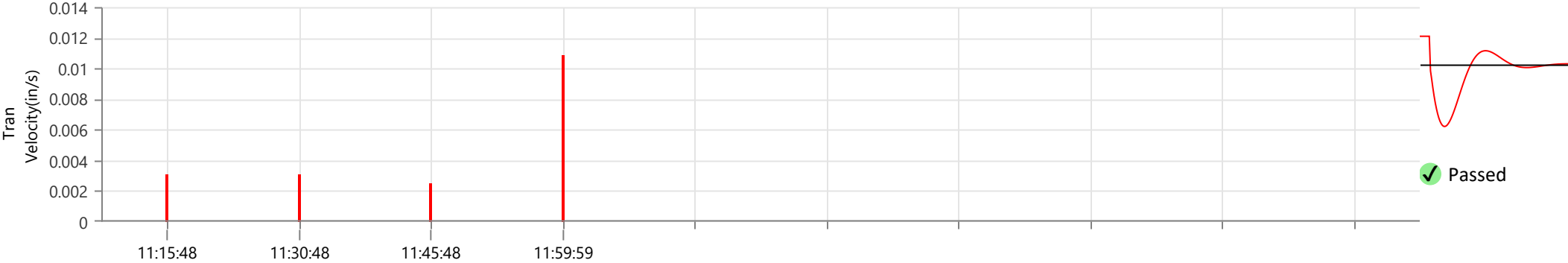
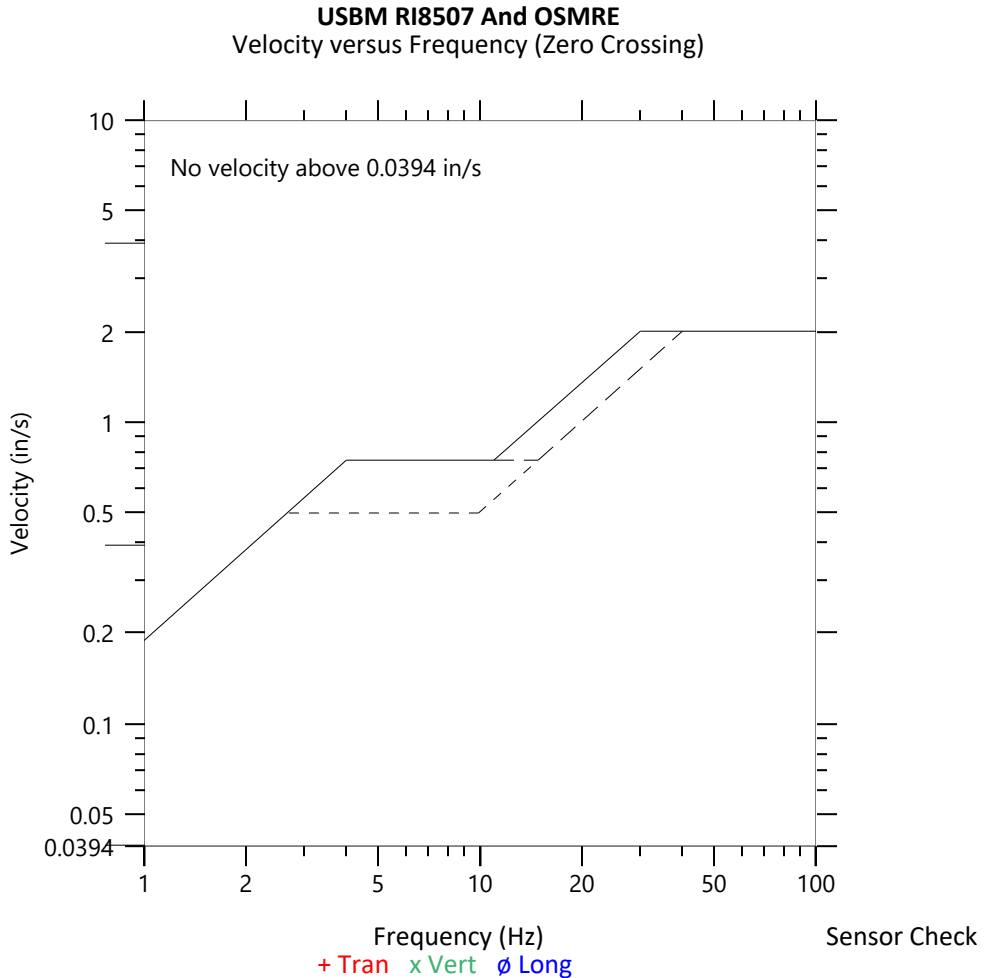
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822110048.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0109 in/s	0.0087 in/s	0.0121 in/s
Zero Crossing Frequency	24.4 Hz	25.6 Hz	25.6 Hz
Date	Aug 22, 2025	Aug 22, 2025	Aug 22, 2025
Time	11:59:59	11:59:59	11:59:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.6
Peak Vector Sum	0.0144 in/s at August 22, 2025 12:00:48		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 22, 2025 12:00:16
August 22, 2025 16:59:59
19.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822120016.IDFH
Disabled

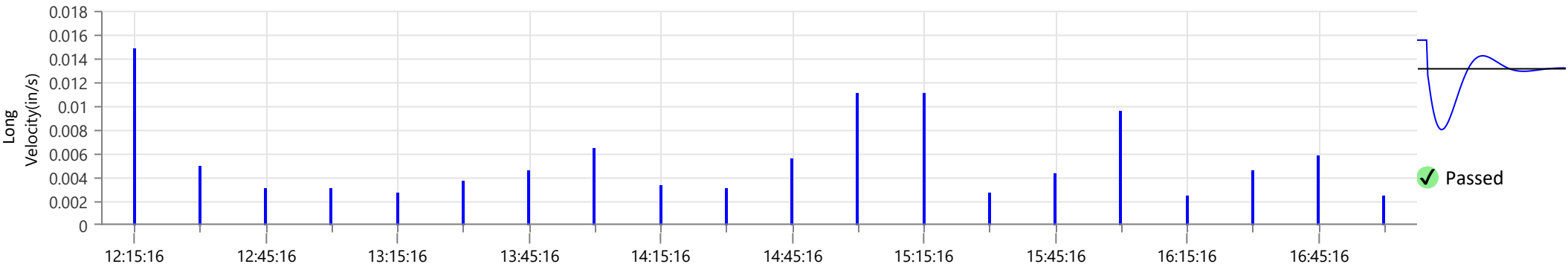
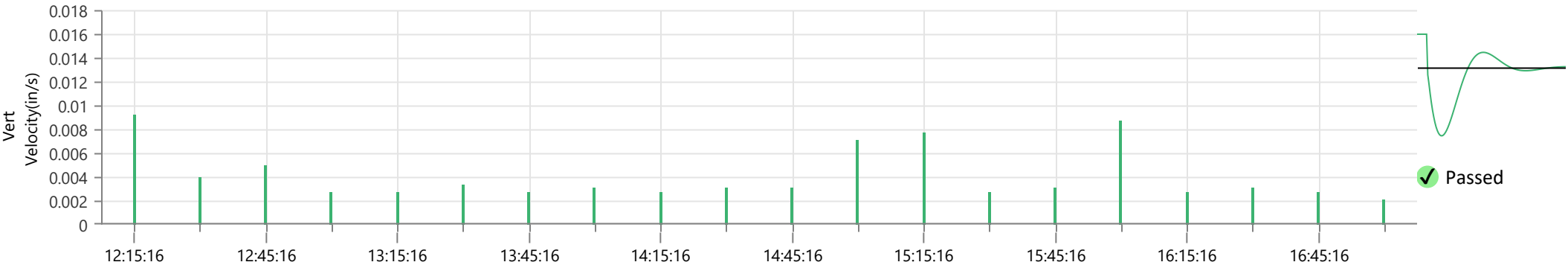
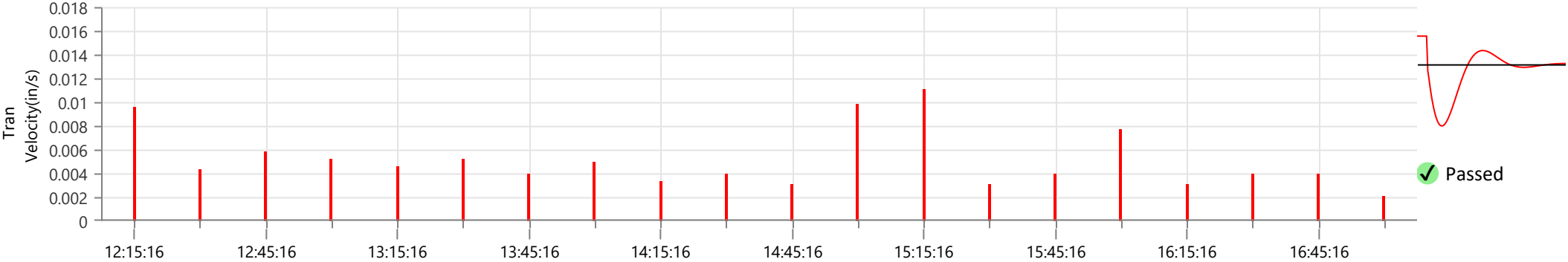
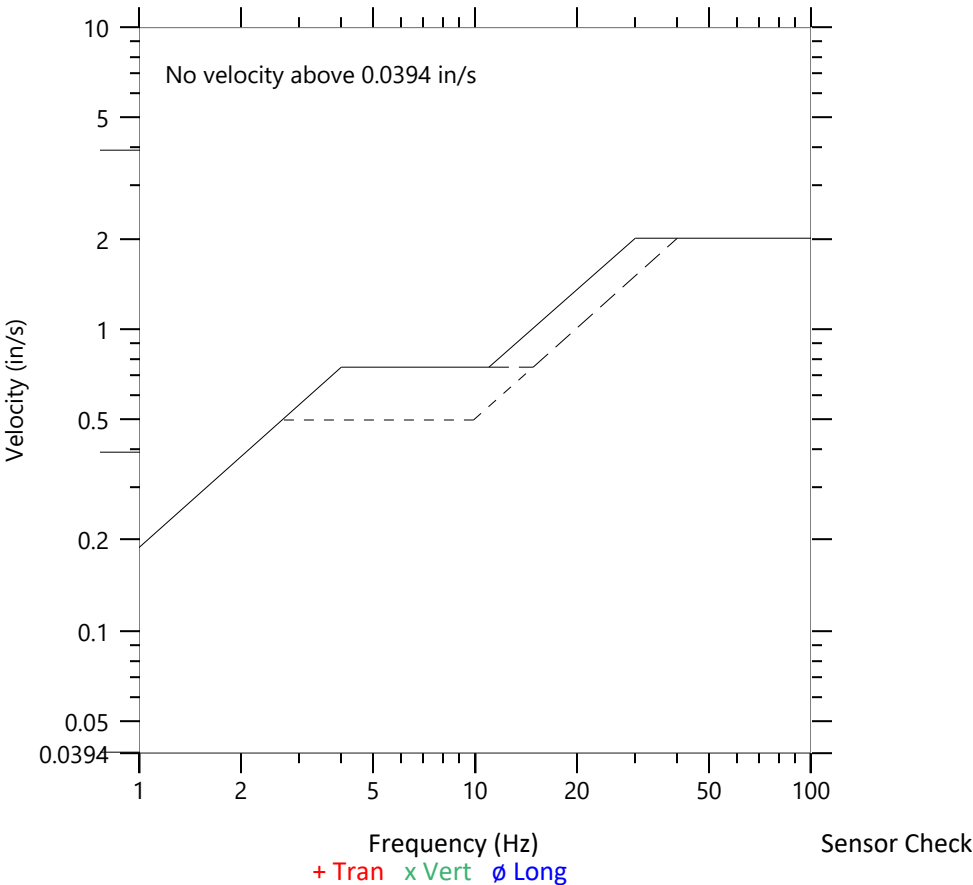
Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0112 in/s	0.0093 in/s	0.0149 in/s
Zero Crossing Frequency	46.5 Hz	25.6 Hz	25.6 Hz
Date	Aug 22, 2025	Aug 22, 2025	Aug 22, 2025
Time	15:15:16	12:15:16	12:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0160 in/s at August 22, 2025 12:15:16		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 22, 2025 17:00:16
August 23, 2025 07:29:59
57.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

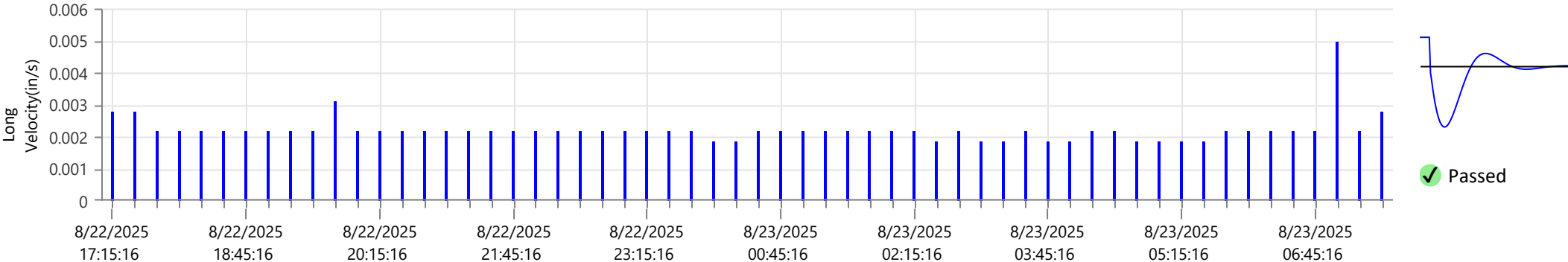
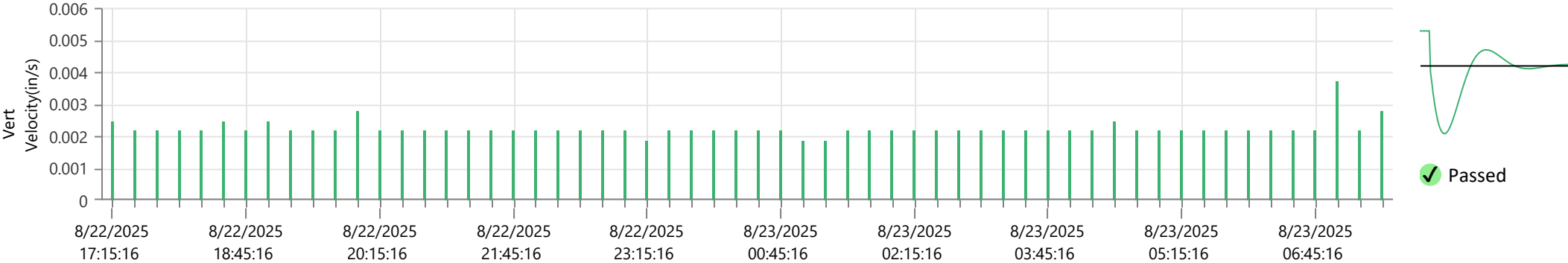
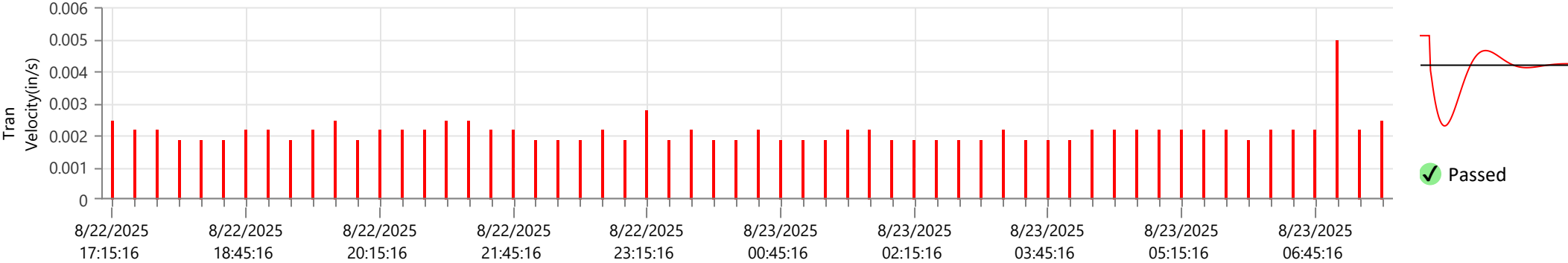
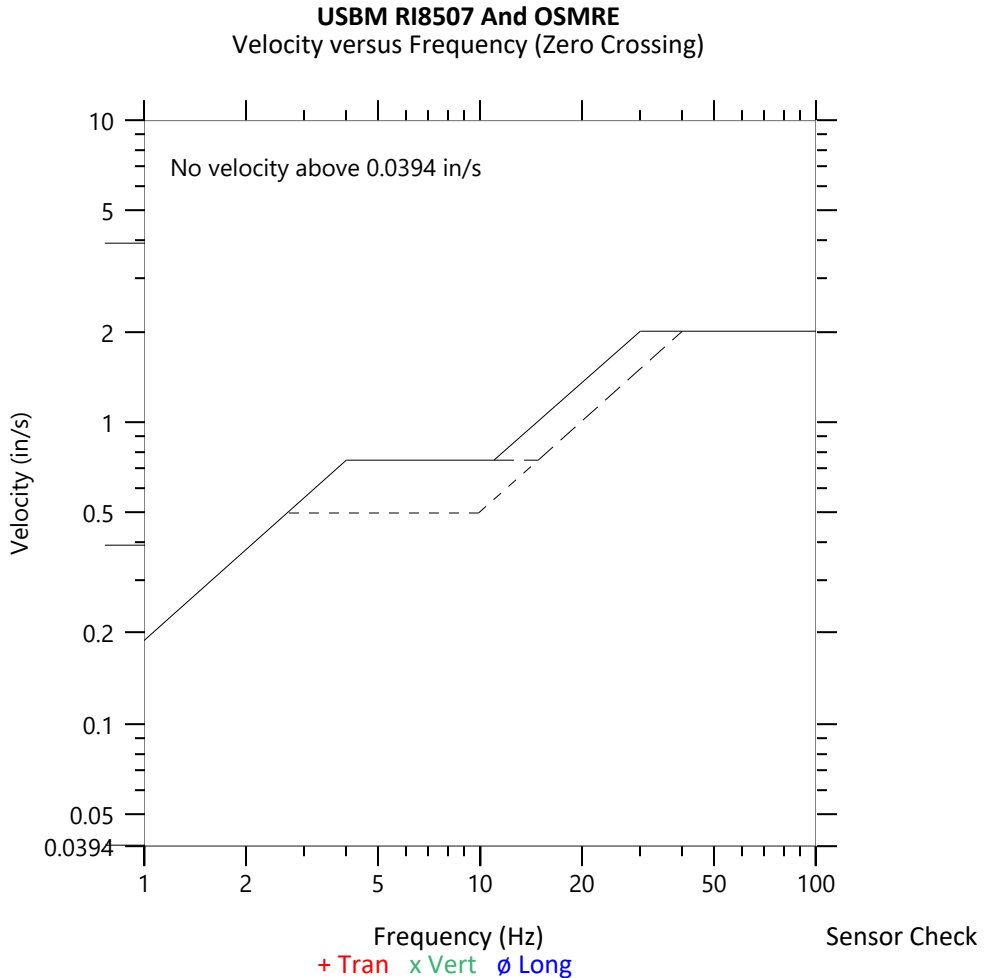
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250822170016.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	18.3 Hz	18.3 Hz	17.1 Hz
Date	Aug 23, 2025	Aug 23, 2025	Aug 23, 2025
Time	07:00:16	07:00:16	07:00:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.5
Peak Vector Sum	0.0058 in/s at August 23, 2025 07:00:16		





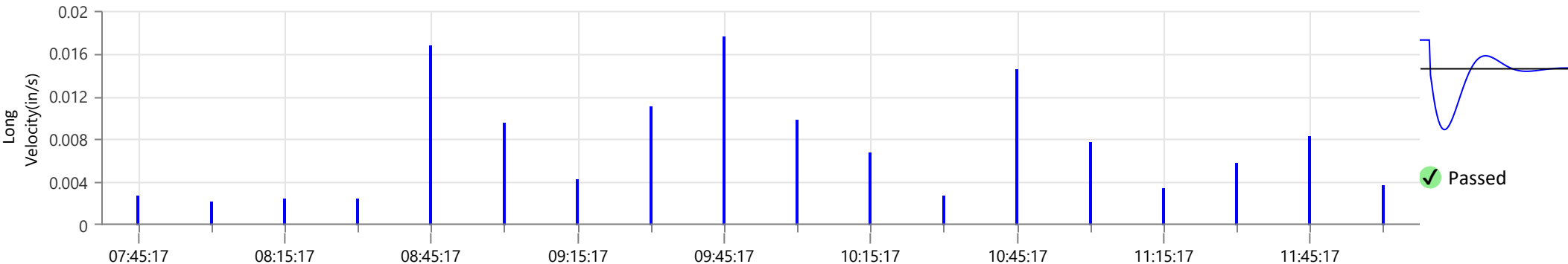
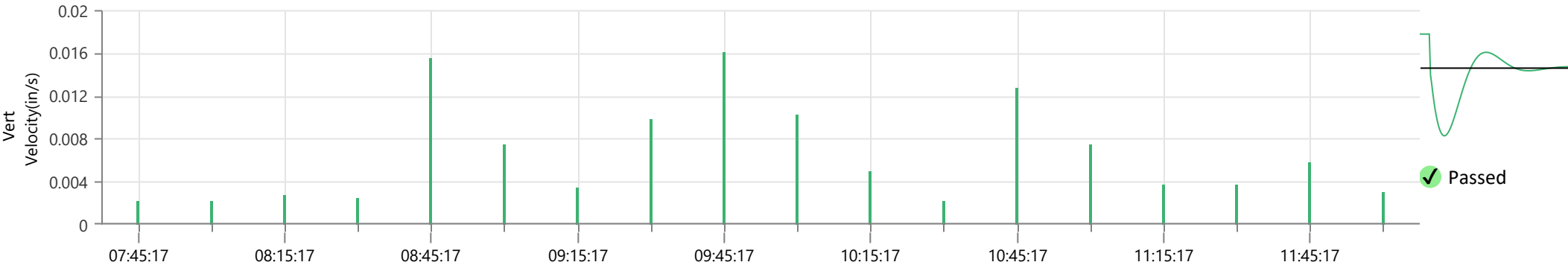
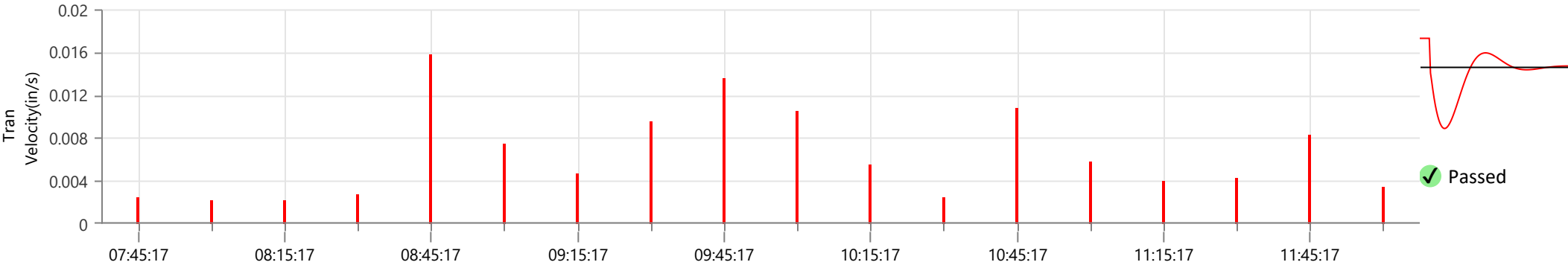
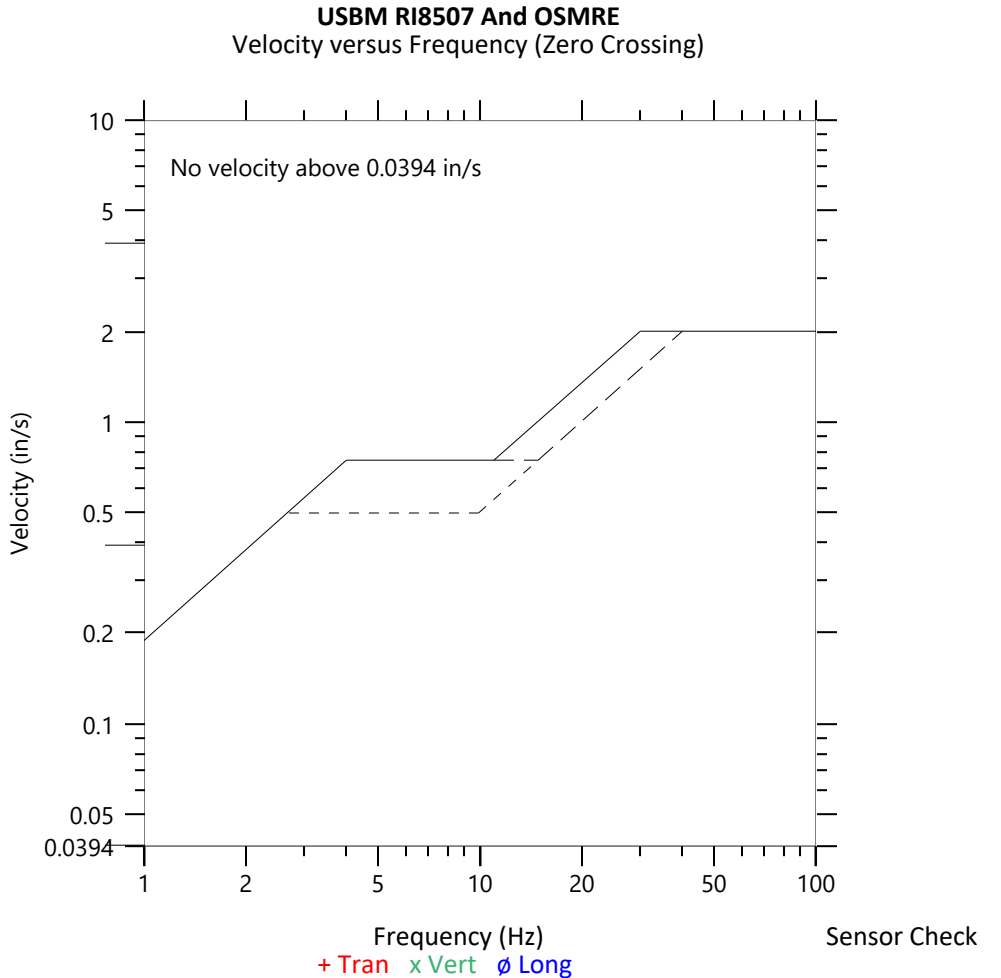
Start August 23, 2025 07:30:17
Finish August 23, 2025 11:59:59
Number of Intervals/Interval 17.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250823073017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0158 in/s	0.0161 in/s	0.0177 in/s
Zero Crossing Frequency	36.6 Hz	32.0 Hz	34.1 Hz
Date	Aug 23, 2025	Aug 23, 2025	Aug 23, 2025
Time	08:45:17	09:45:17	09:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0225 in/s at August 23, 2025 09:45:17		





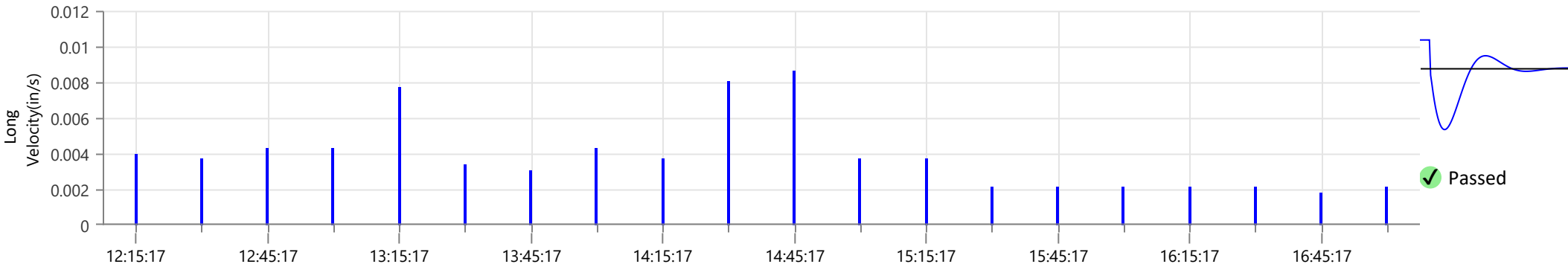
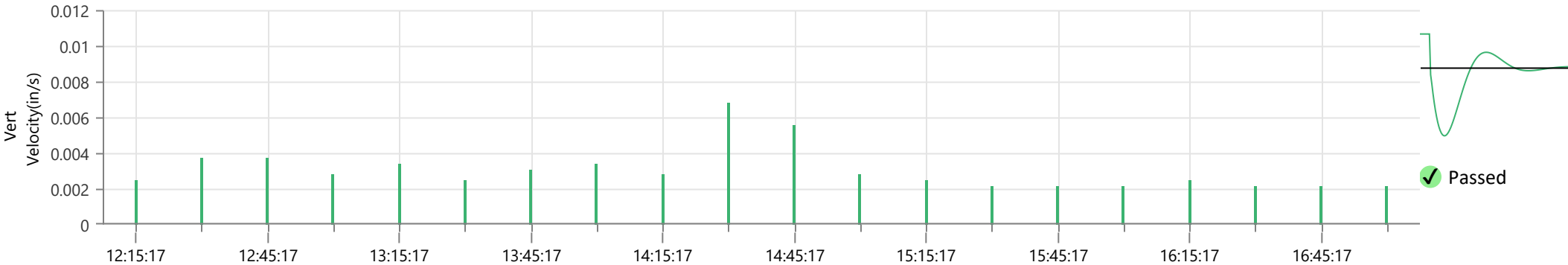
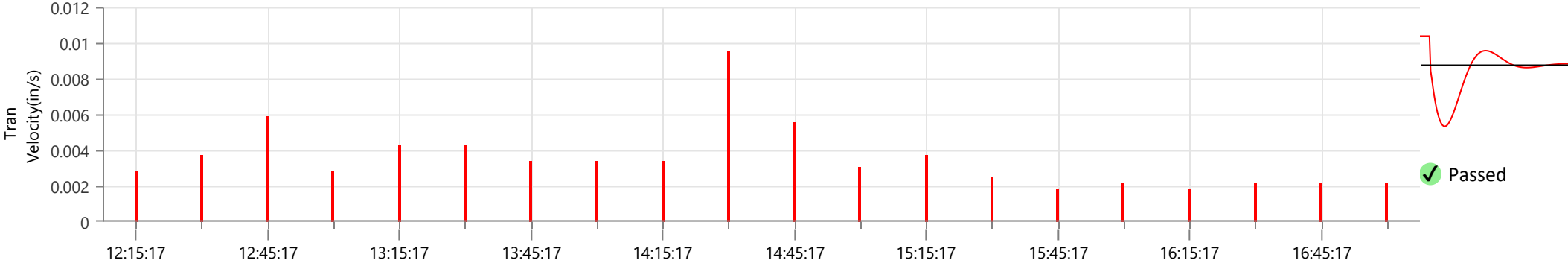
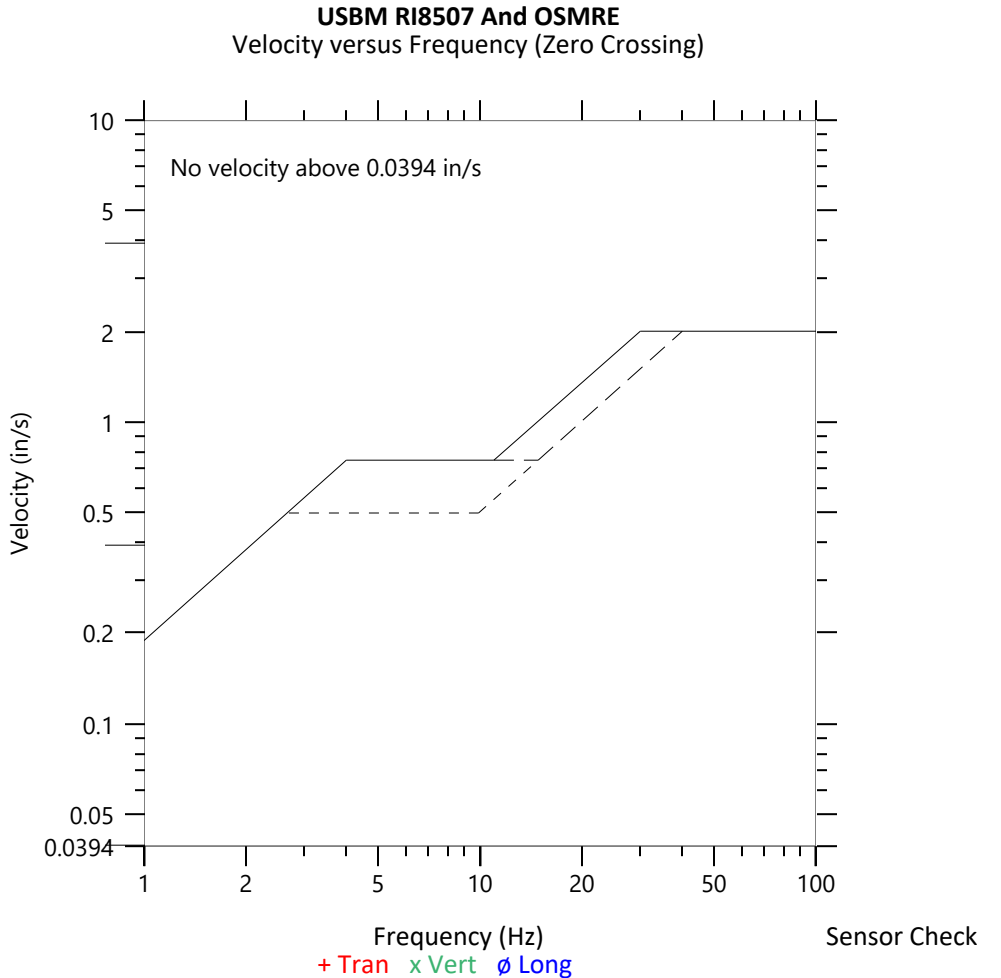
Start August 23, 2025 12:00:17
Finish August 23, 2025 16:59:59
Number of Intervals/Interval 19.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250823120017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0096 in/s	0.0068 in/s	0.0087 in/s
Zero Crossing Frequency	64.0 Hz	32.0 Hz	23.3 Hz
Date	Aug 23, 2025	Aug 23, 2025	Aug 23, 2025
Time	14:30:17	14:30:17	14:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0111 in/s at August 23, 2025 14:30:17		





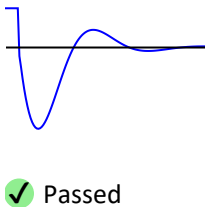
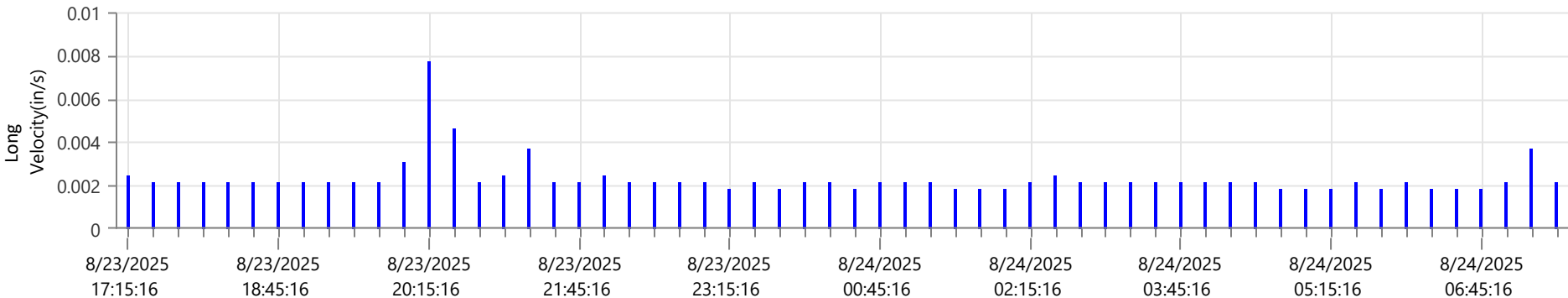
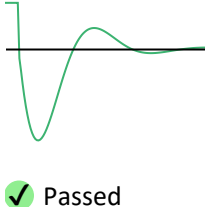
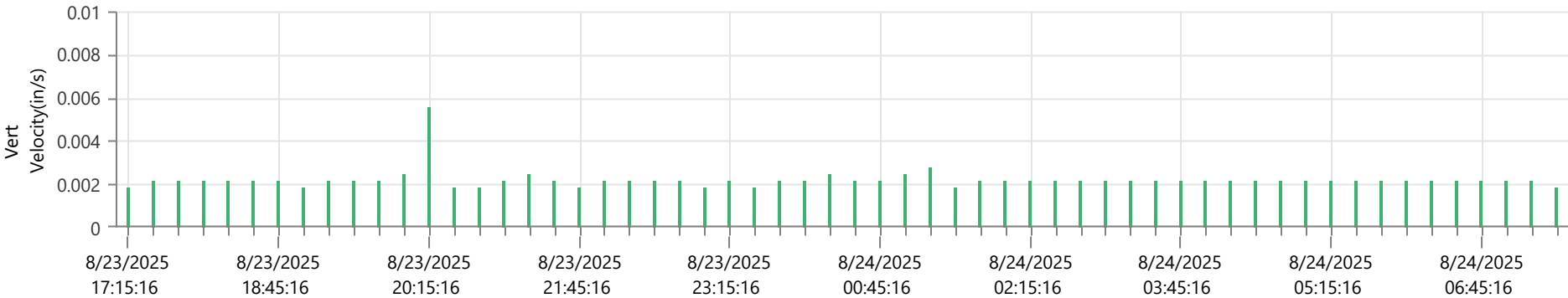
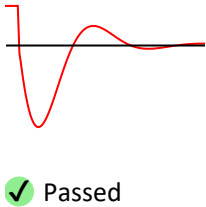
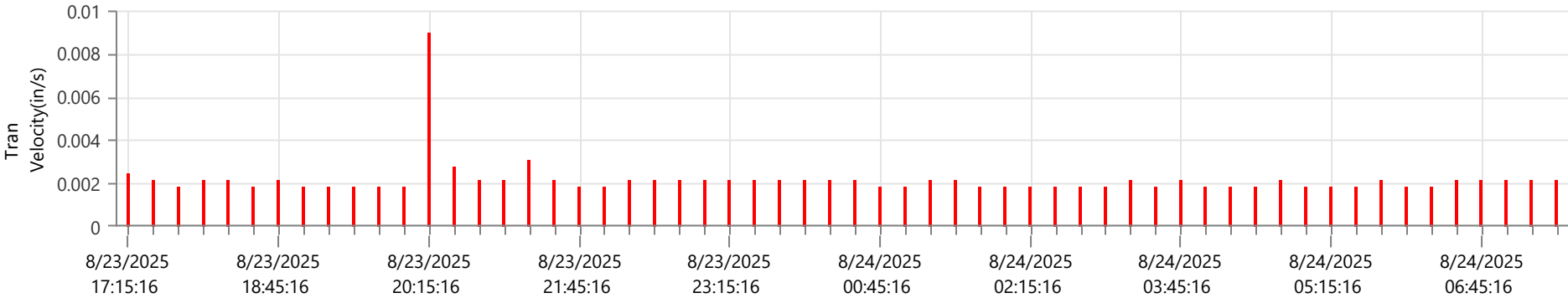
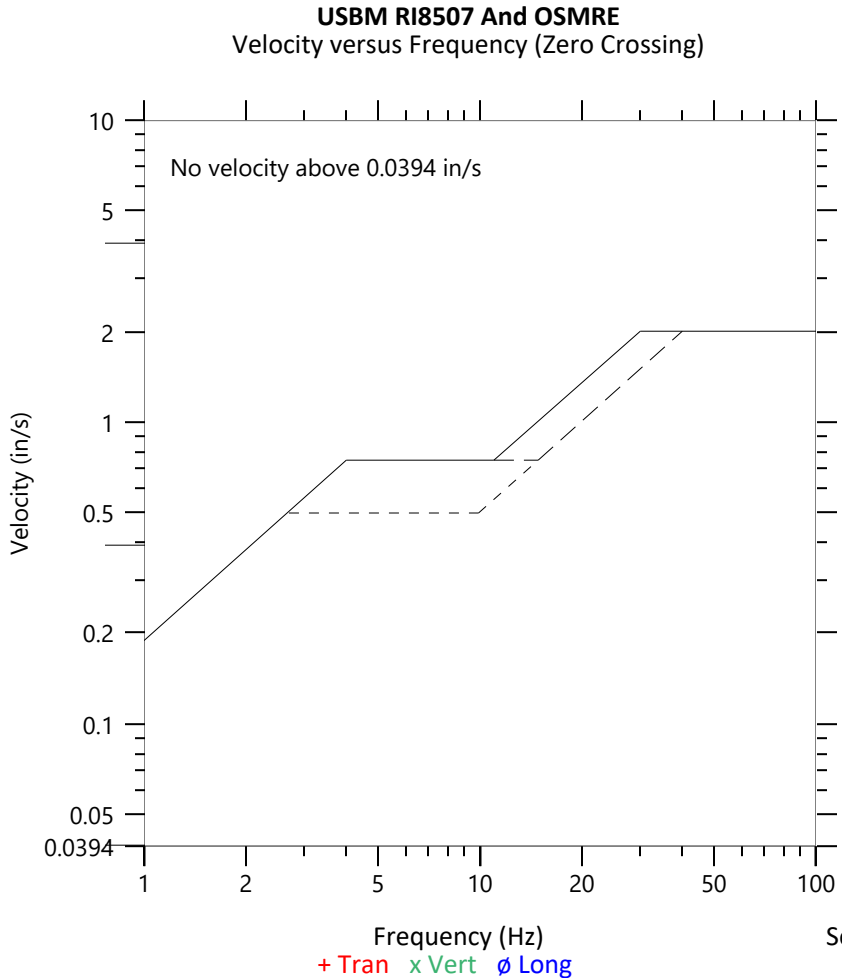
Start August 23, 2025 17:00:16
Finish August 24, 2025 07:29:59
Number of Intervals/Interval 57.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250823170016.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0090 in/s	0.0056 in/s	0.0078 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Aug 23, 2025	Aug 23, 2025	Aug 23, 2025
Time	20:15:16	20:15:16	20:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.5
Peak Vector Sum	0.0093 in/s at August 23, 2025 20:15:16		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 24, 2025 07:30:17
August 24, 2025 11:59:59
17.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

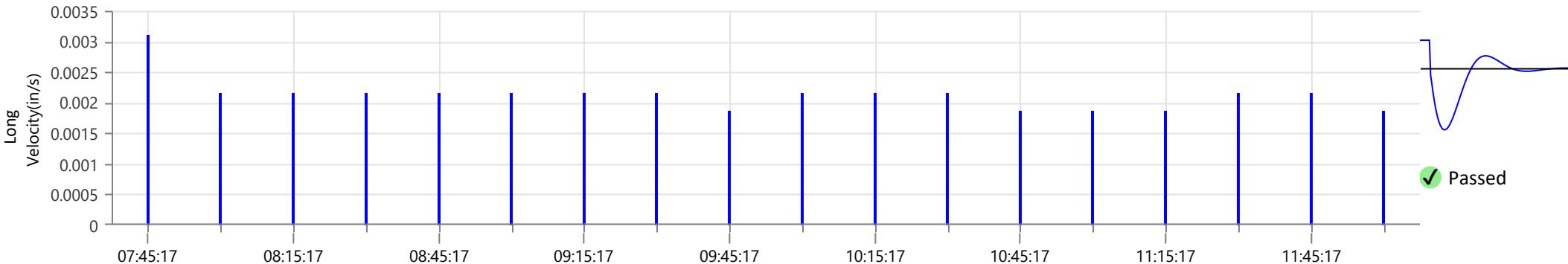
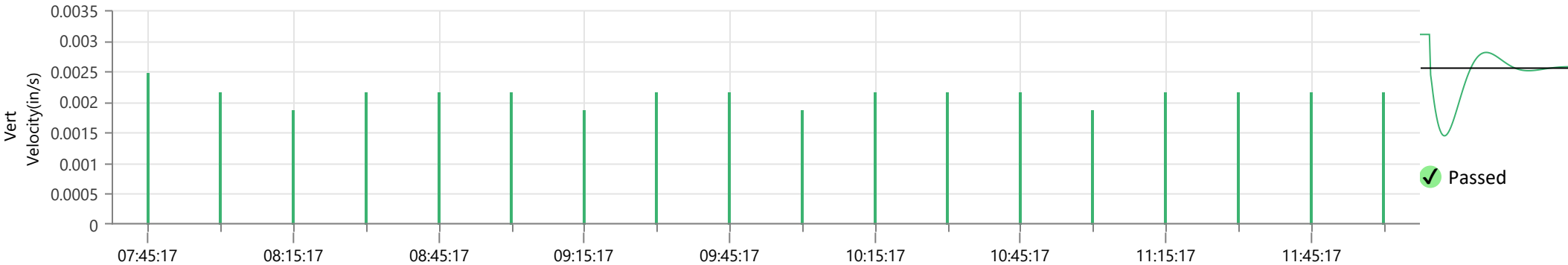
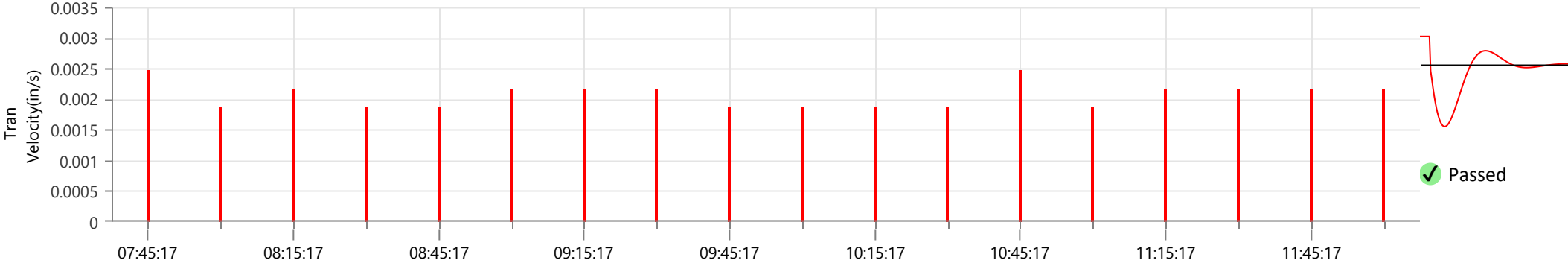
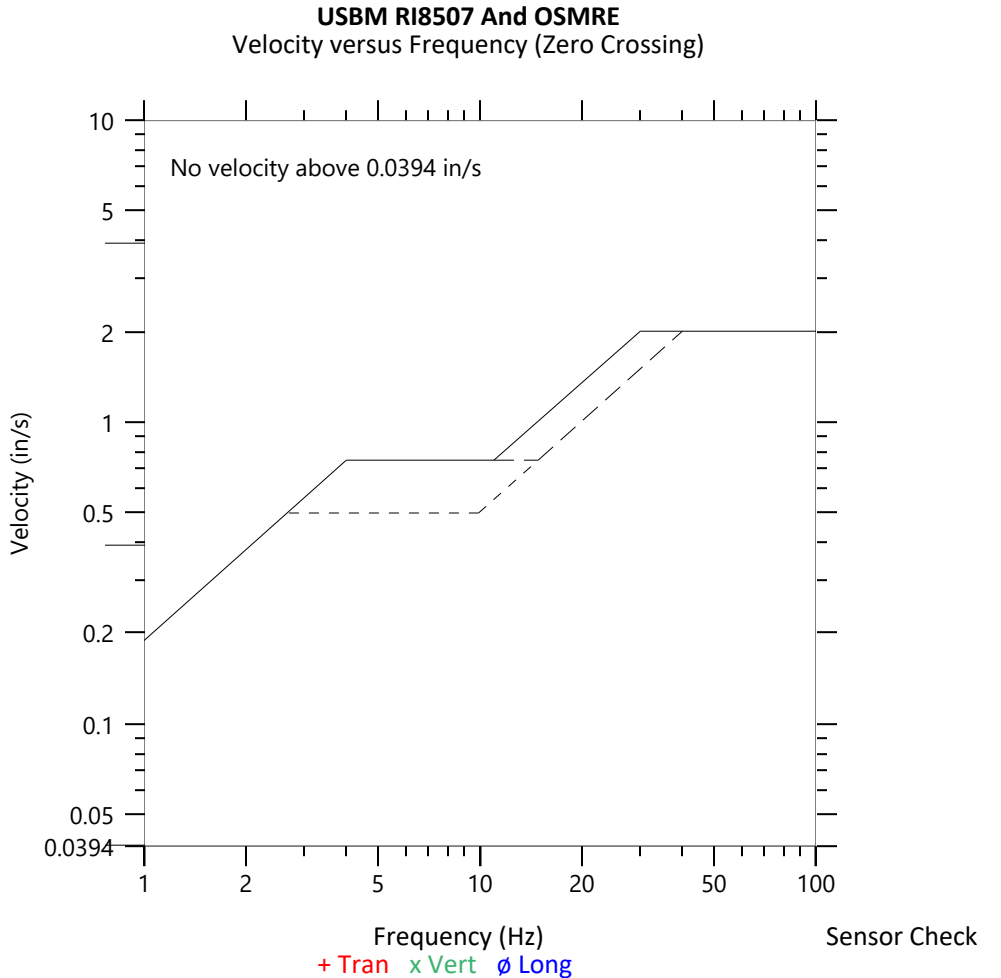
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250824073017.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	N/A	N/A	N/A
Date	Aug 24, 2025	Aug 24, 2025	Aug 24, 2025
Time	07:45:17	07:45:17	07:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.0039 in/s at August 24, 2025 07:45:17		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 24, 2025 12:00:18
August 24, 2025 16:59:59
19.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250824120018.IDFH
Disabled

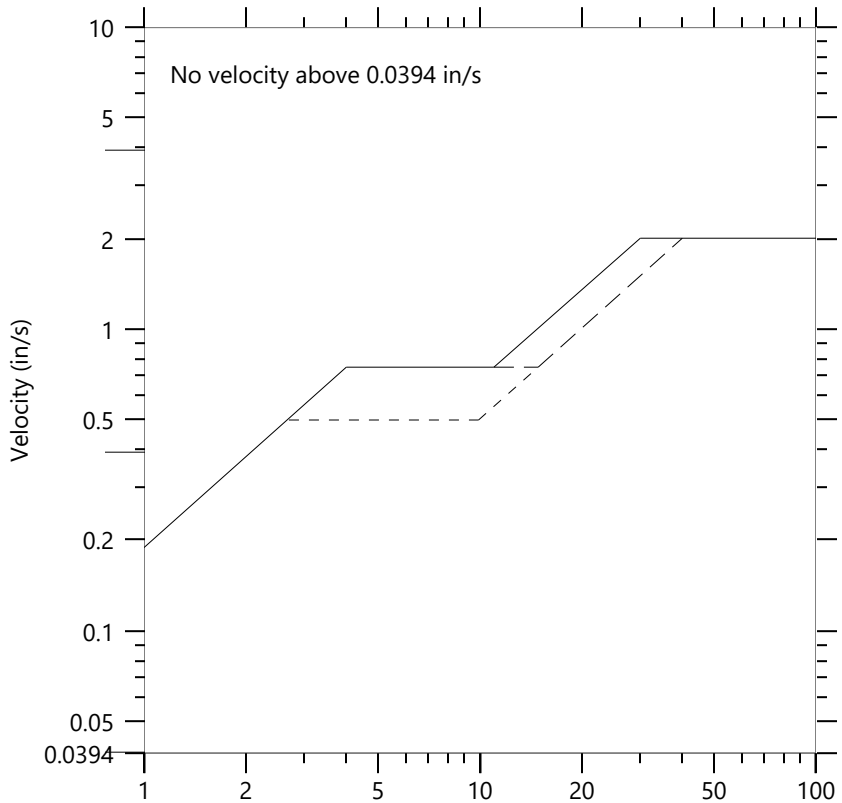
Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	3.8 Hz
Date	Aug 24, 2025	Aug 24, 2025	Aug 24, 2025
Time	12:45:18	14:45:18	12:15:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.6
Peak Vector Sum	0.0031 in/s at August 24, 2025 12:15:18		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





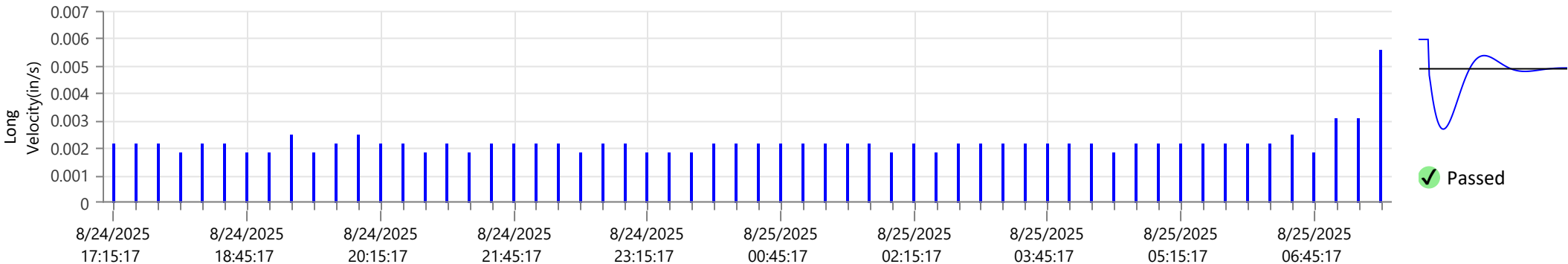
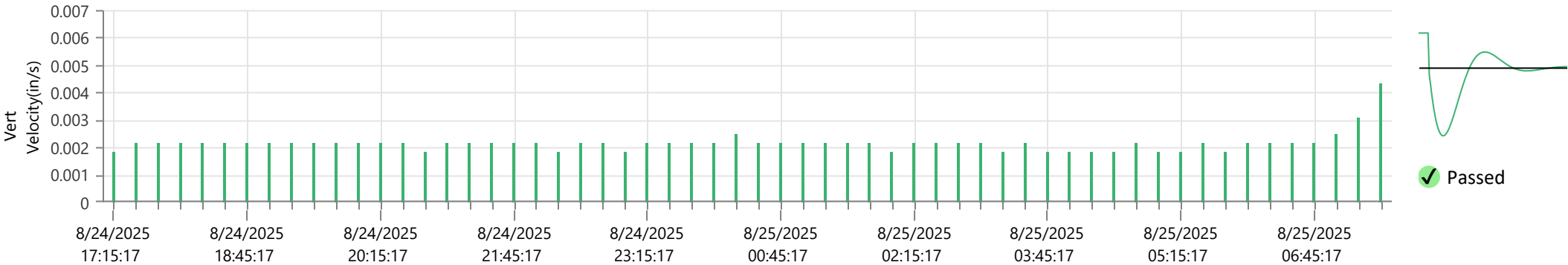
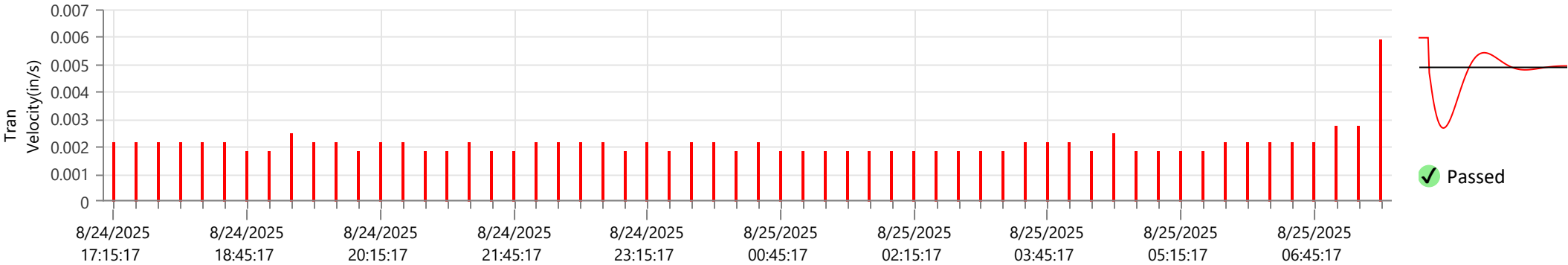
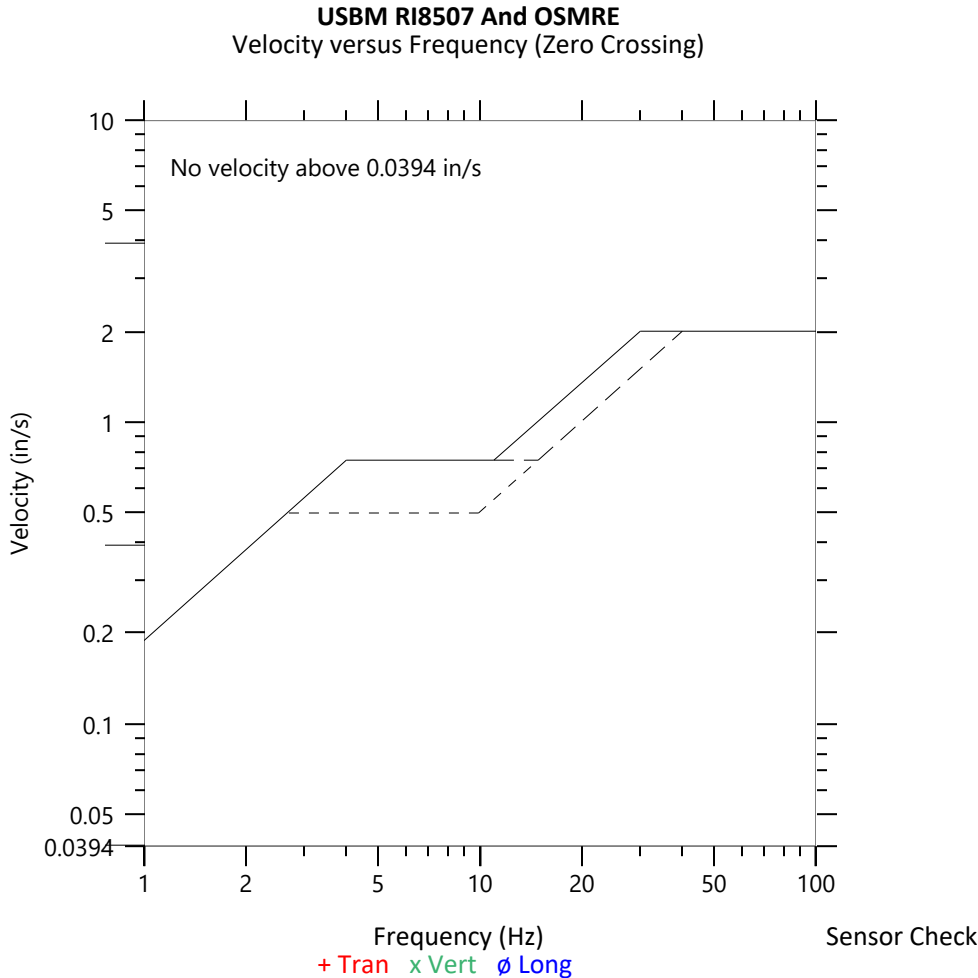
Start August 24, 2025 17:00:17
Finish August 25, 2025 07:29:59
Number of Intervals/Interval 57.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250824170017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0059 in/s	<0.005 in/s	0.0056 in/s
Zero Crossing Frequency	13.5 Hz	16.5 Hz	12.5 Hz
Date	Aug 25, 2025	Aug 25, 2025	Aug 25, 2025
Time	07:29:59	07:29:59	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.1	4.2	4.5
Peak Vector Sum	0.0064 in/s at August 25, 2025 07:30:17		





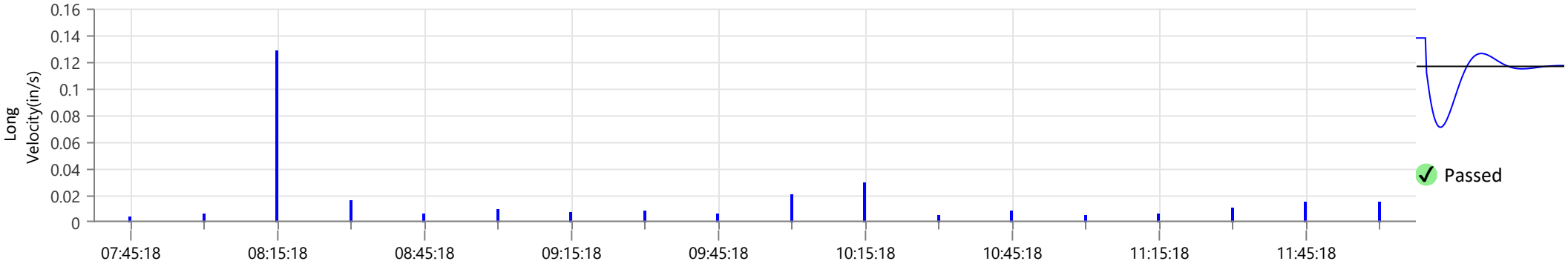
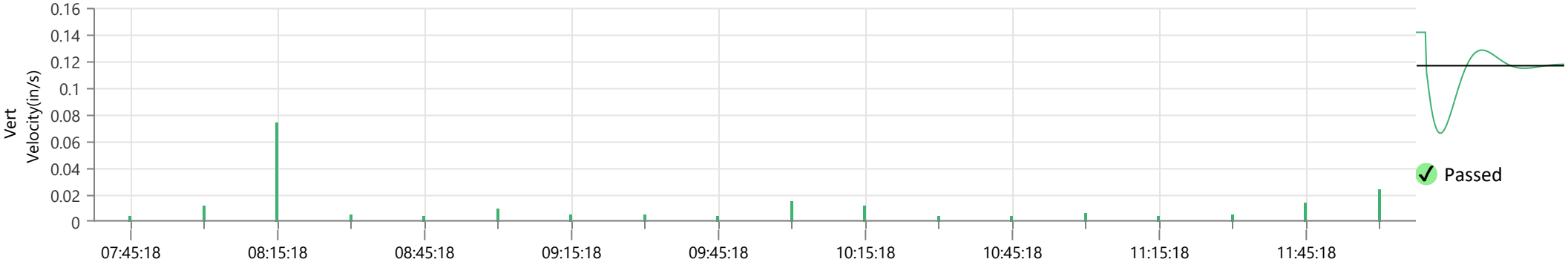
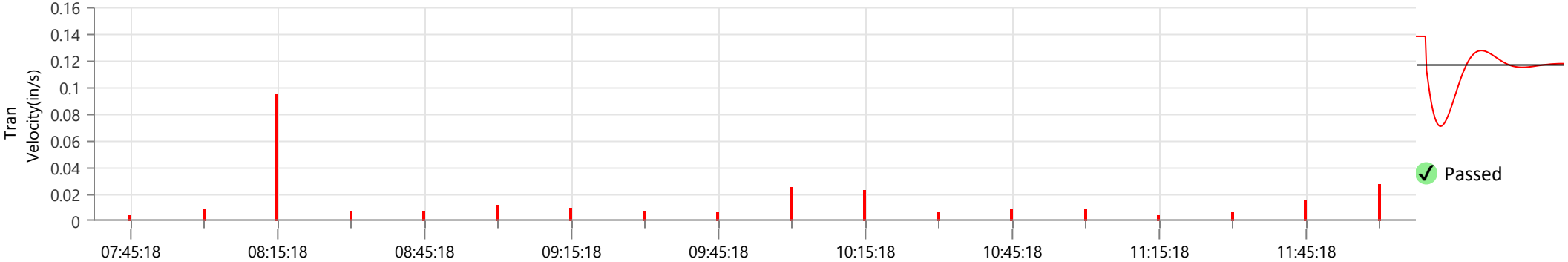
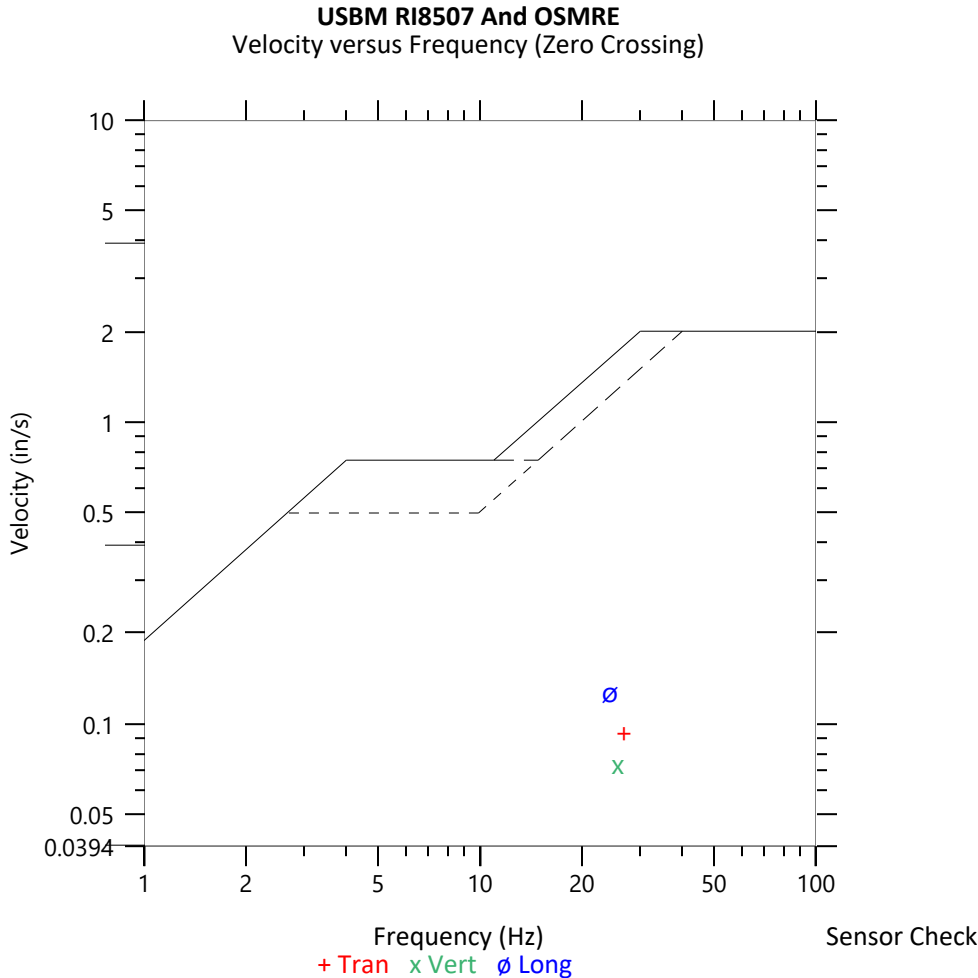
Start August 25, 2025 07:30:18
Finish August 25, 2025 11:59:59
Number of Intervals/Interval 17.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250825073018.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0959 in/s	0.0745 in/s	0.1288 in/s
Zero Crossing Frequency	26.9 Hz	25.6 Hz	24.4 Hz
Date	Aug 25, 2025	Aug 25, 2025	Aug 25, 2025
Time	08:15:18	08:15:18	08:15:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.1630 in/s at August 25, 2025 08:15:18		





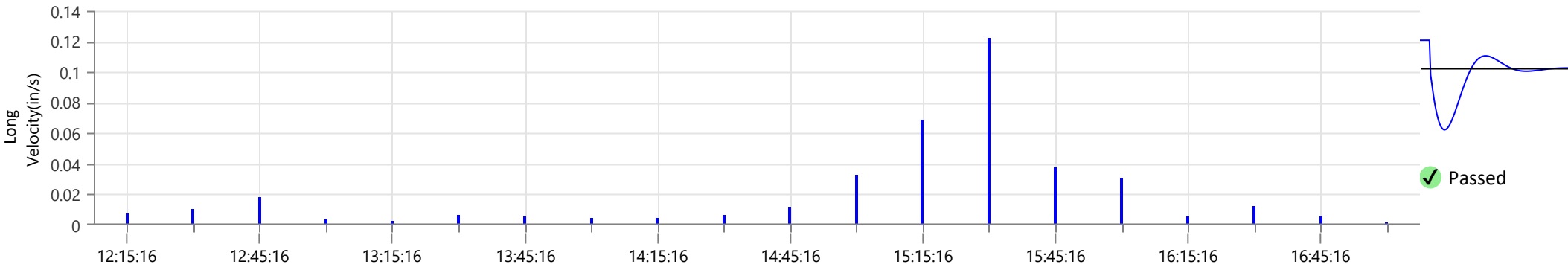
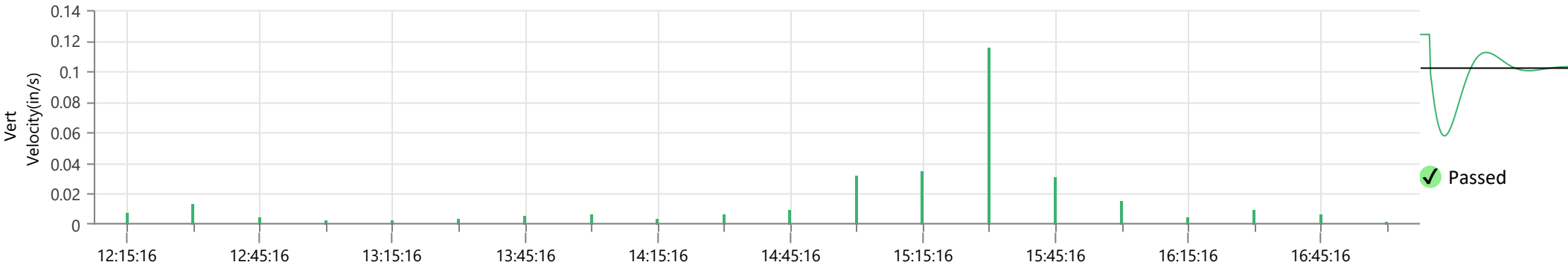
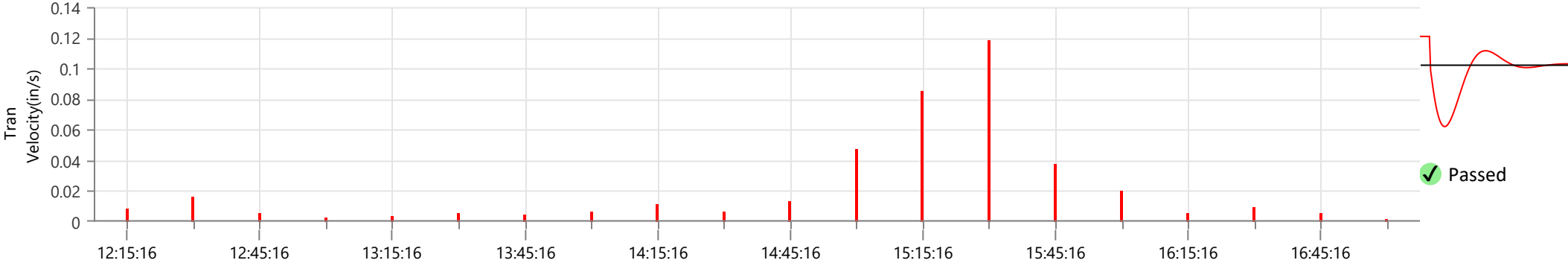
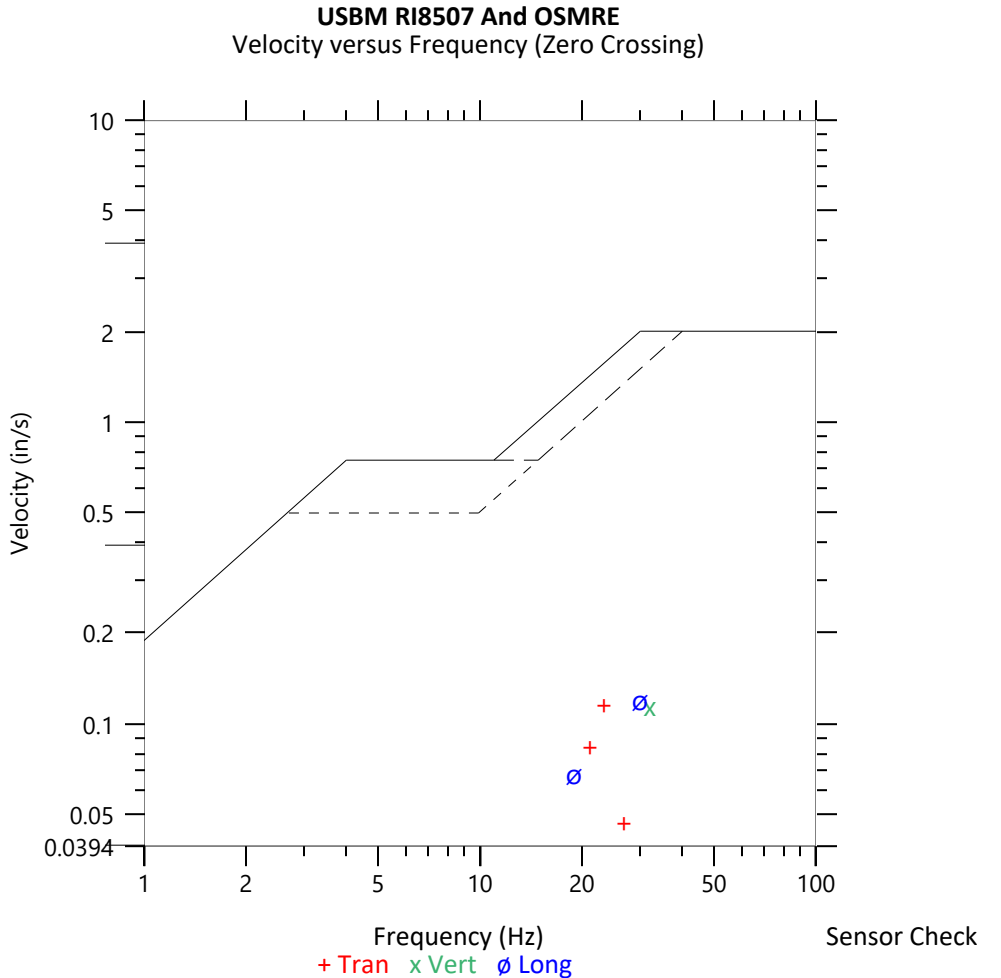
Start August 25, 2025 12:00:16
Finish August 25, 2025 16:59:59
Number of Intervals/Interval 19.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250825120016.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1182 in/s	0.1157 in/s	0.1223 in/s
Zero Crossing Frequency	23.3 Hz	32.0 Hz	30.1 Hz
Date	Aug 25, 2025	Aug 25, 2025	Aug 25, 2025
Time	15:30:16	15:30:16	15:30:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.1481 in/s at August 25, 2025 15:30:16		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 25, 2025 17:00:16
August 26, 2025 07:29:59
57.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

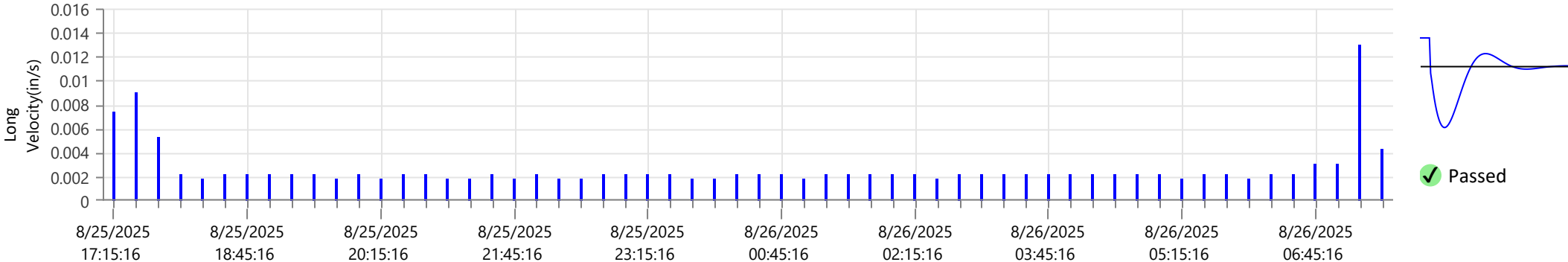
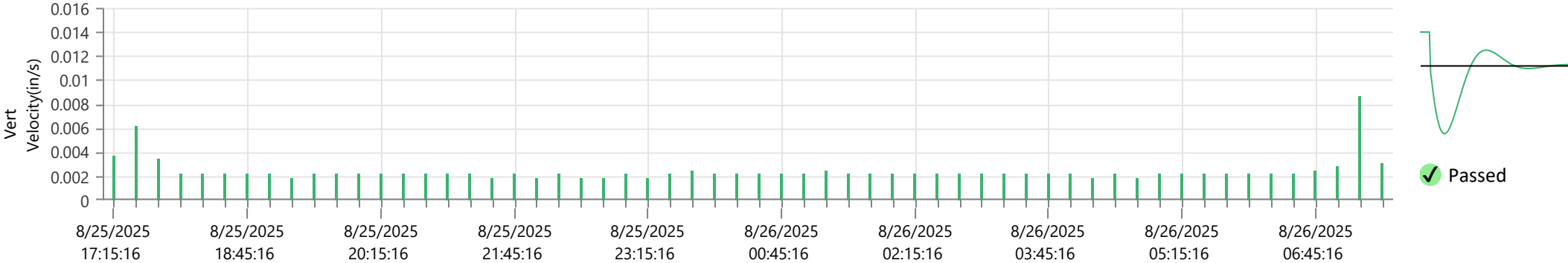
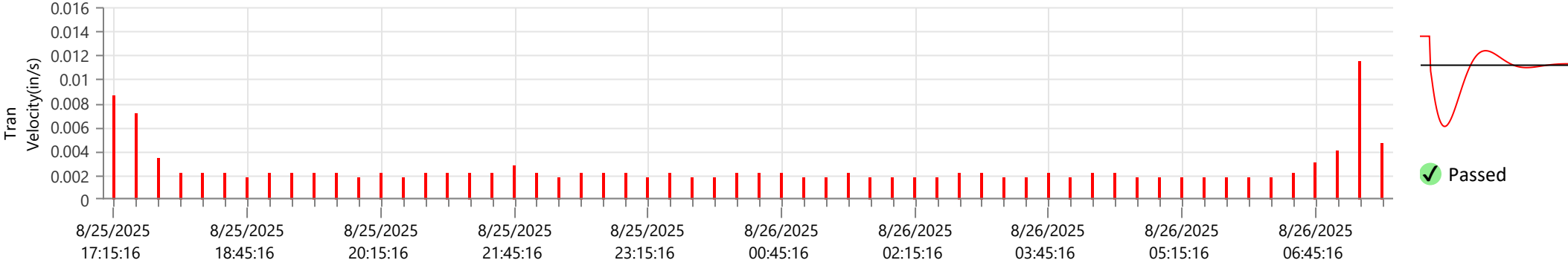
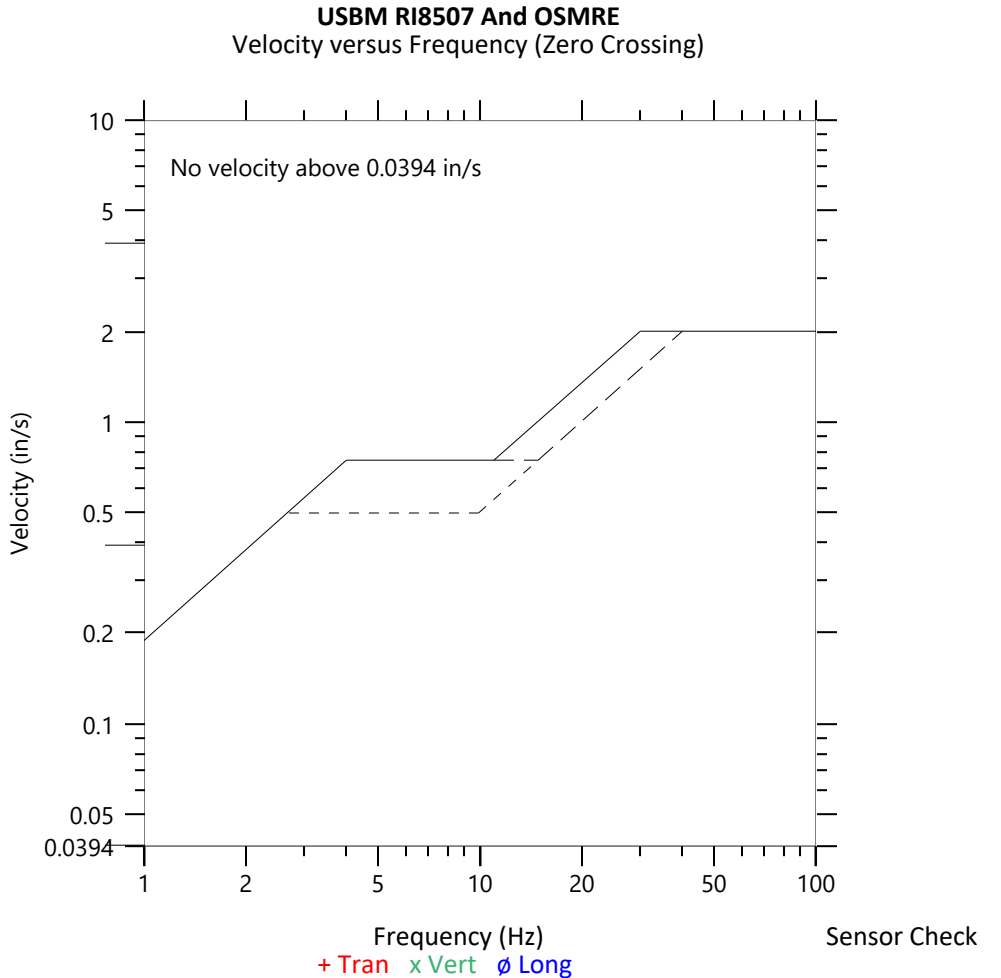
UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250825170016.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0115 in/s	0.0087 in/s	0.0130 in/s
Zero Crossing Frequency	14.2 Hz	13.8 Hz	15.5 Hz
Date	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025
Time	07:15:16	07:15:16	07:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0144 in/s at August 26, 2025 07:15:16		





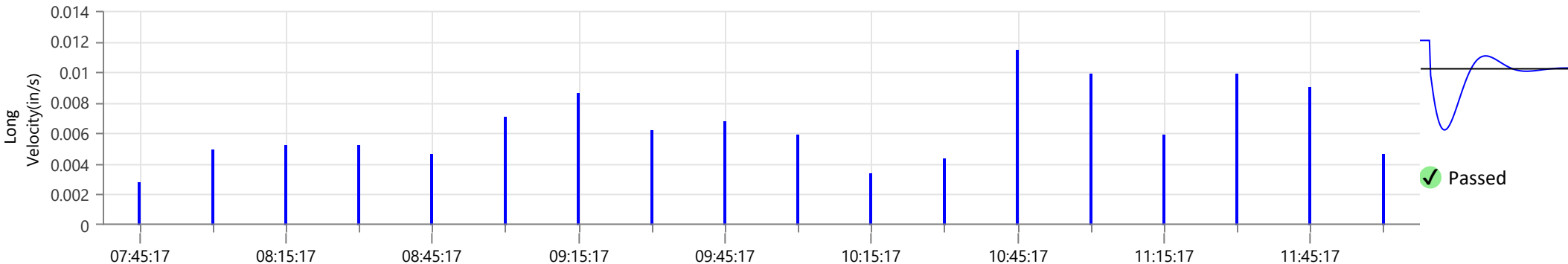
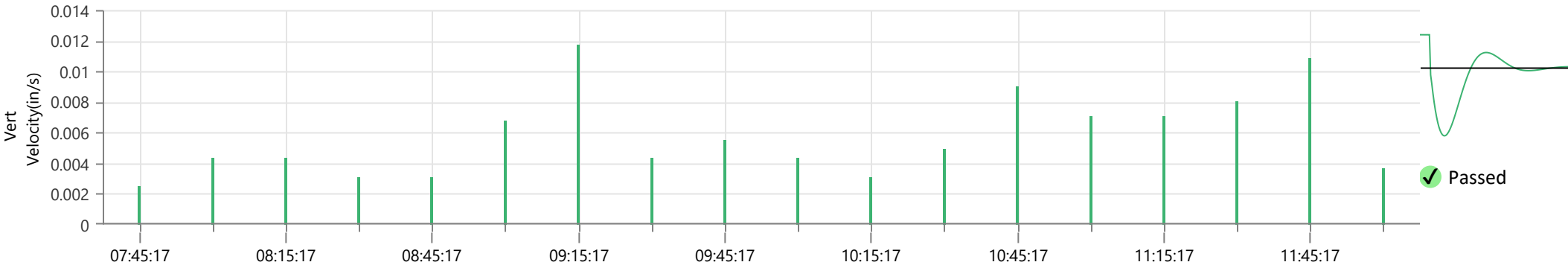
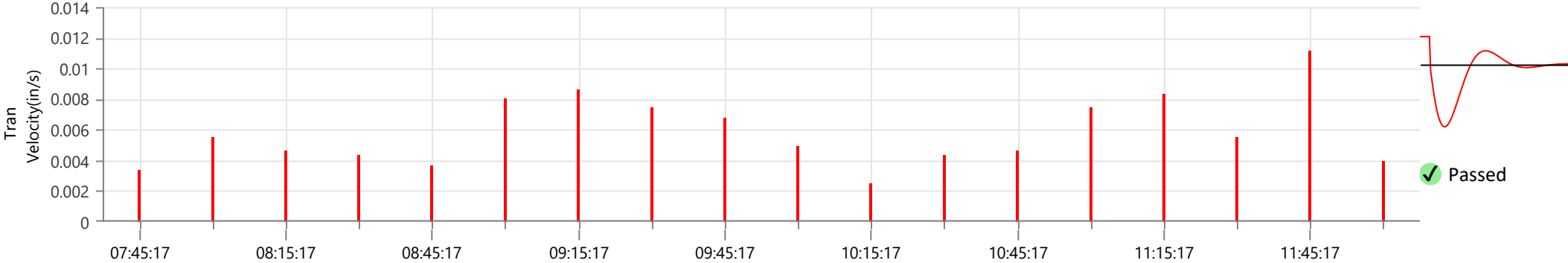
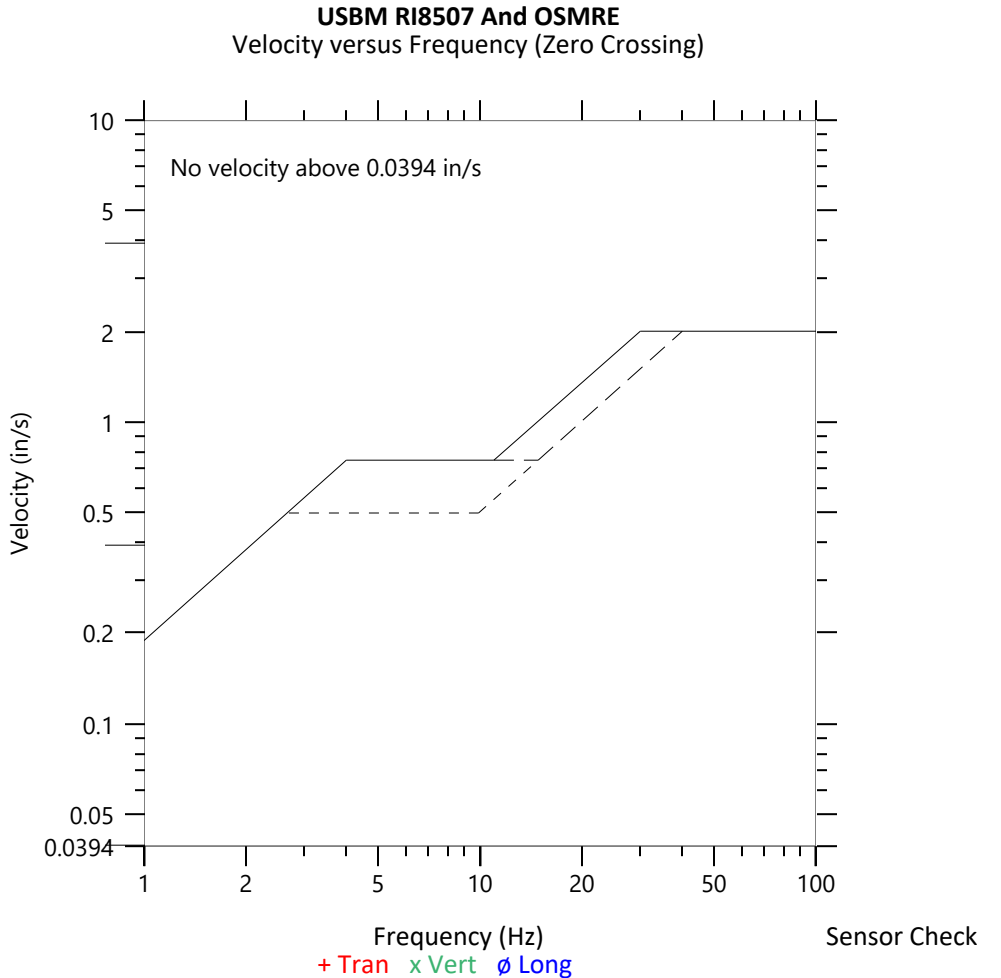
Start August 26, 2025 07:30:17
Finish August 26, 2025 11:59:59
Number of Intervals/Interval 17.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250826073017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0112 in/s	0.0118 in/s	0.0115 in/s
Zero Crossing Frequency	23.3 Hz	28.4 Hz	30.1 Hz
Date	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025
Time	11:45:17	09:15:17	10:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.0135 in/s at August 26, 2025 11:45:17		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 26, 2025 12:00:17
August 26, 2025 16:59:59
19.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250826120017.IDFH
Disabled

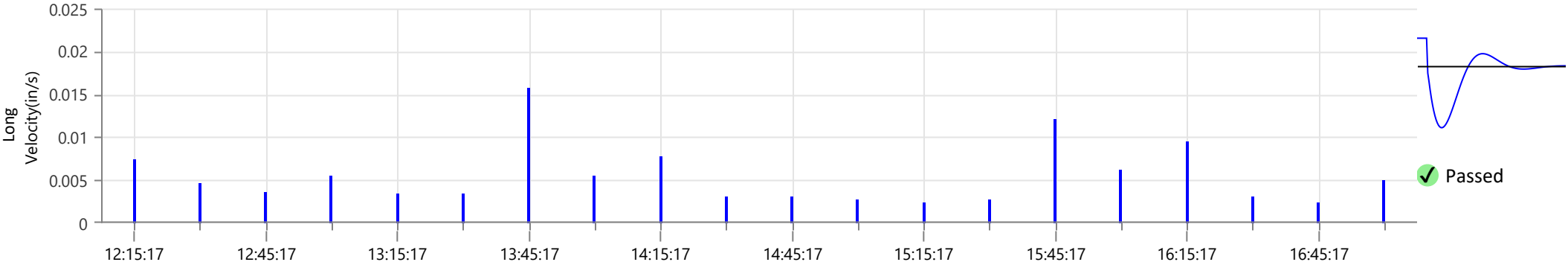
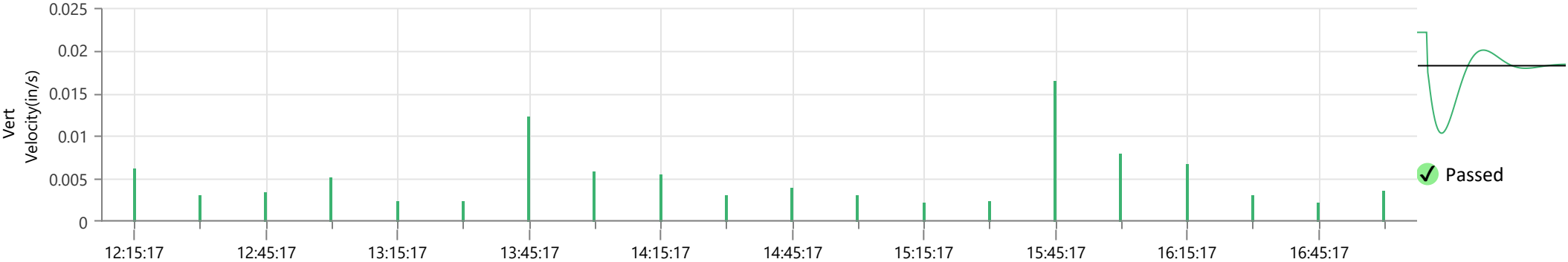
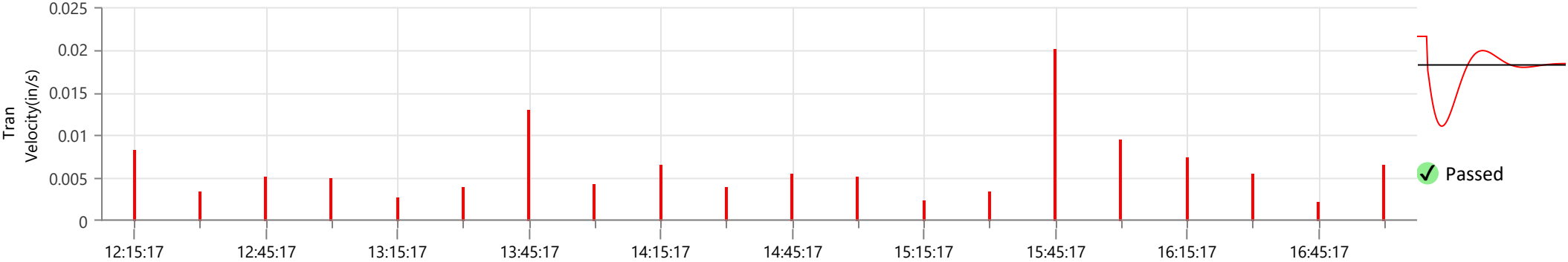
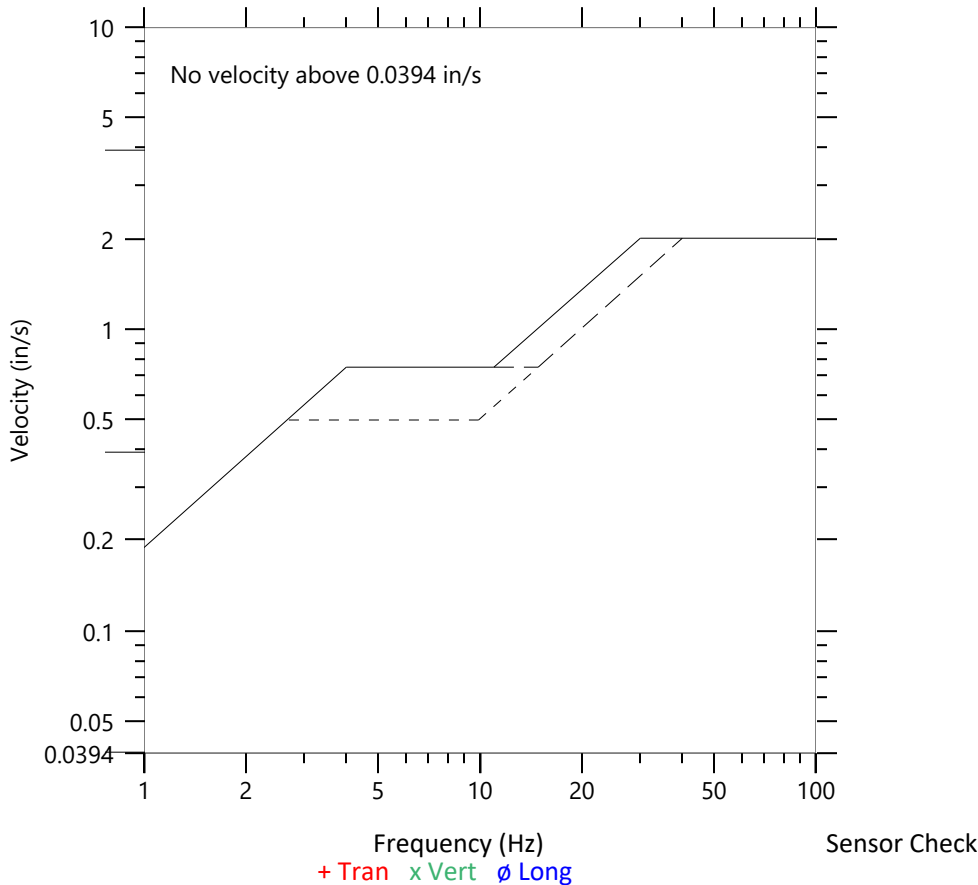
Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0202 in/s	0.0164 in/s	0.0158 in/s
Zero Crossing Frequency	23.3 Hz	17.7 Hz	23.3 Hz
Date	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025
Time	15:45:17	15:45:17	13:45:17
Sensor Check	✔ Passed	✔ Passed	✔ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.0214 in/s at August 26, 2025 15:45:17		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Start August 26, 2025 17:00:16
Finish August 27, 2025 07:29:59
Number of Intervals/Interval 57.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

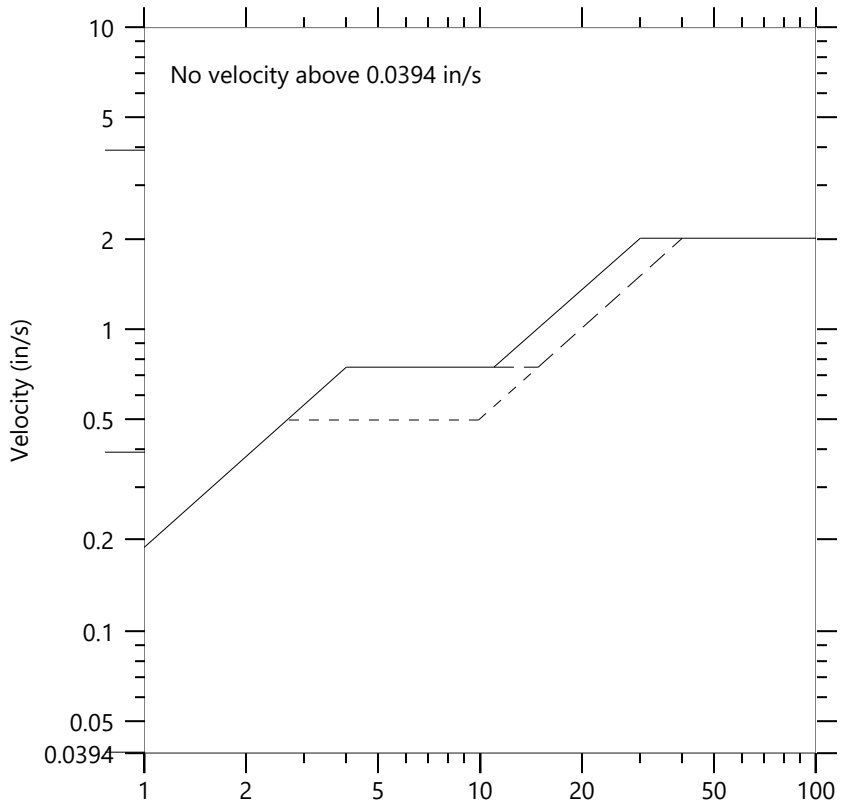
Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250826170016.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0074 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	32.0 Hz	17.1 Hz	51.2 Hz
Date	Aug 26, 2025	Aug 27, 2025	Aug 27, 2025
Time	17:15:16	07:15:16	07:00:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0083 in/s at August 26, 2025 17:15:16		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





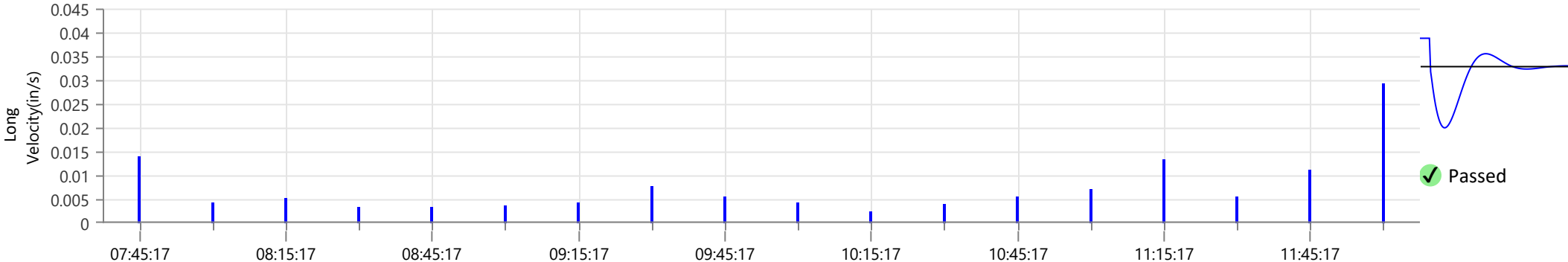
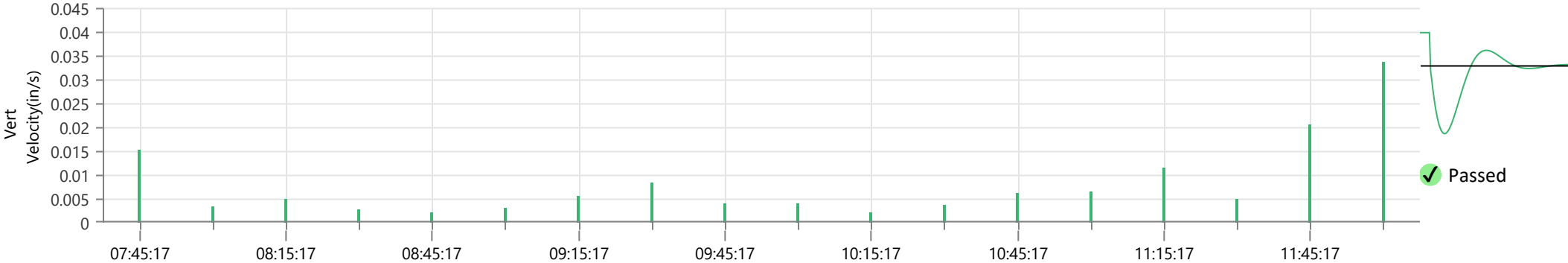
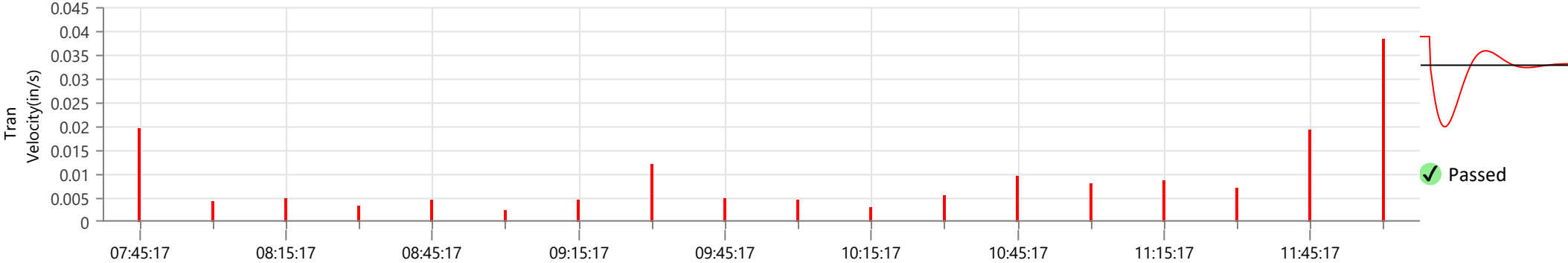
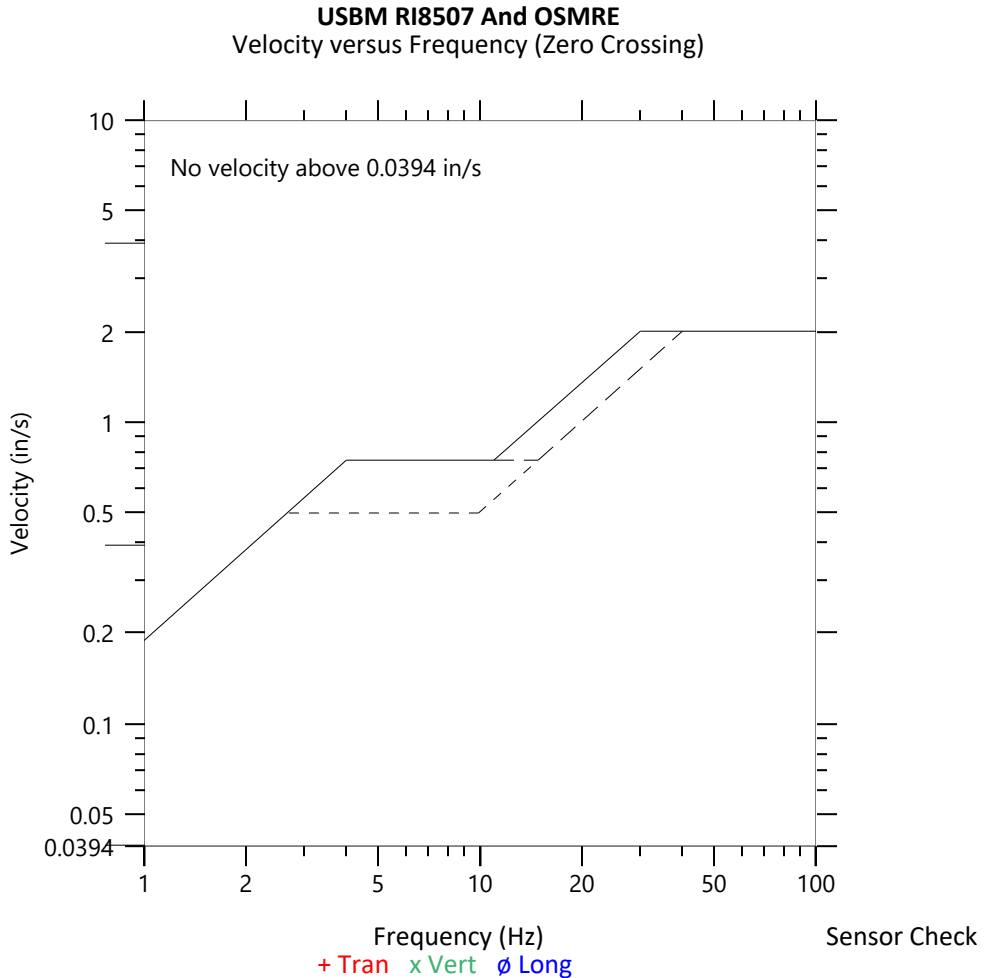
Start August 27, 2025 07:30:17
Finish August 27, 2025 11:59:59
Number of Intervals/Interval 17.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250827073017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0385 in/s	0.0338 in/s	0.0295 in/s
Zero Crossing Frequency	24.4 Hz	22.3 Hz	32.0 Hz
Date	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025
Time	11:59:59	11:59:59	11:59:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.0443 in/s at August 27, 2025 12:00:17		





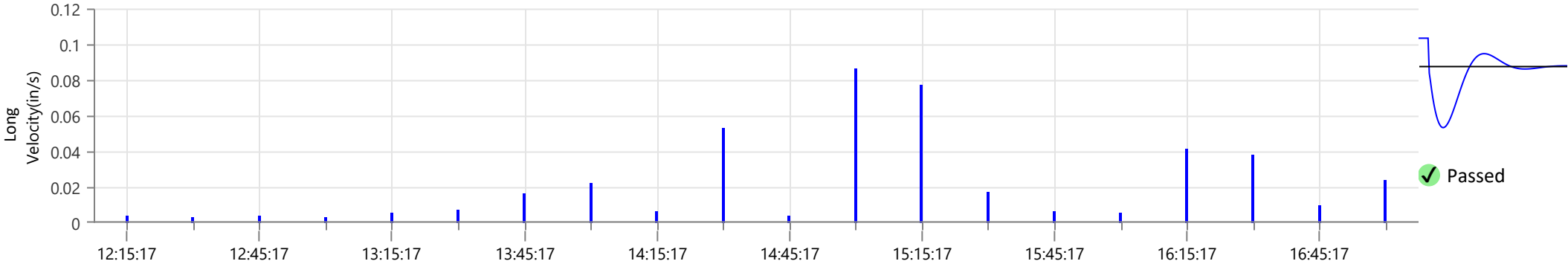
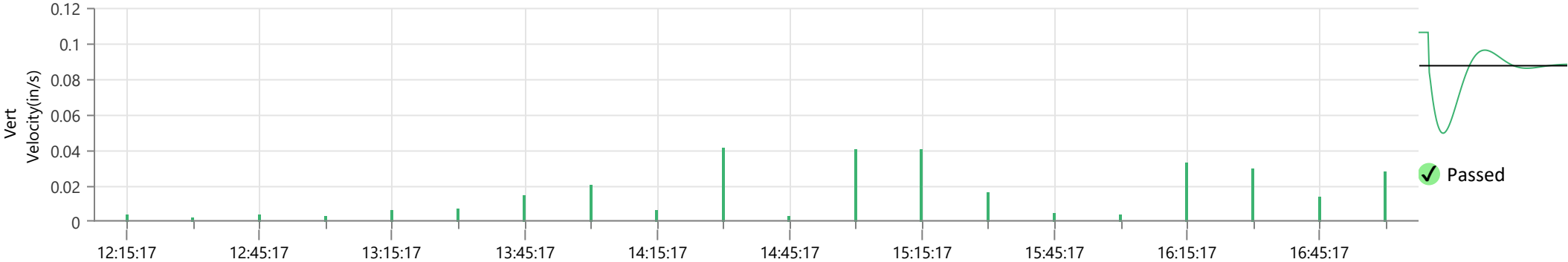
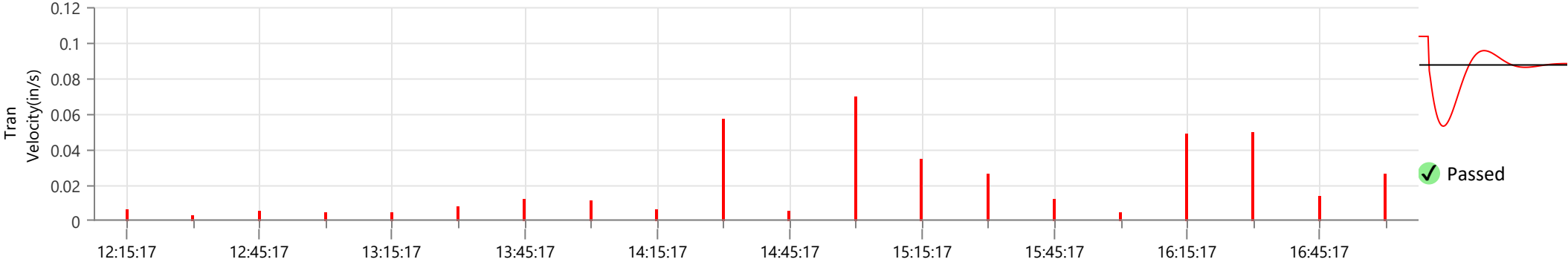
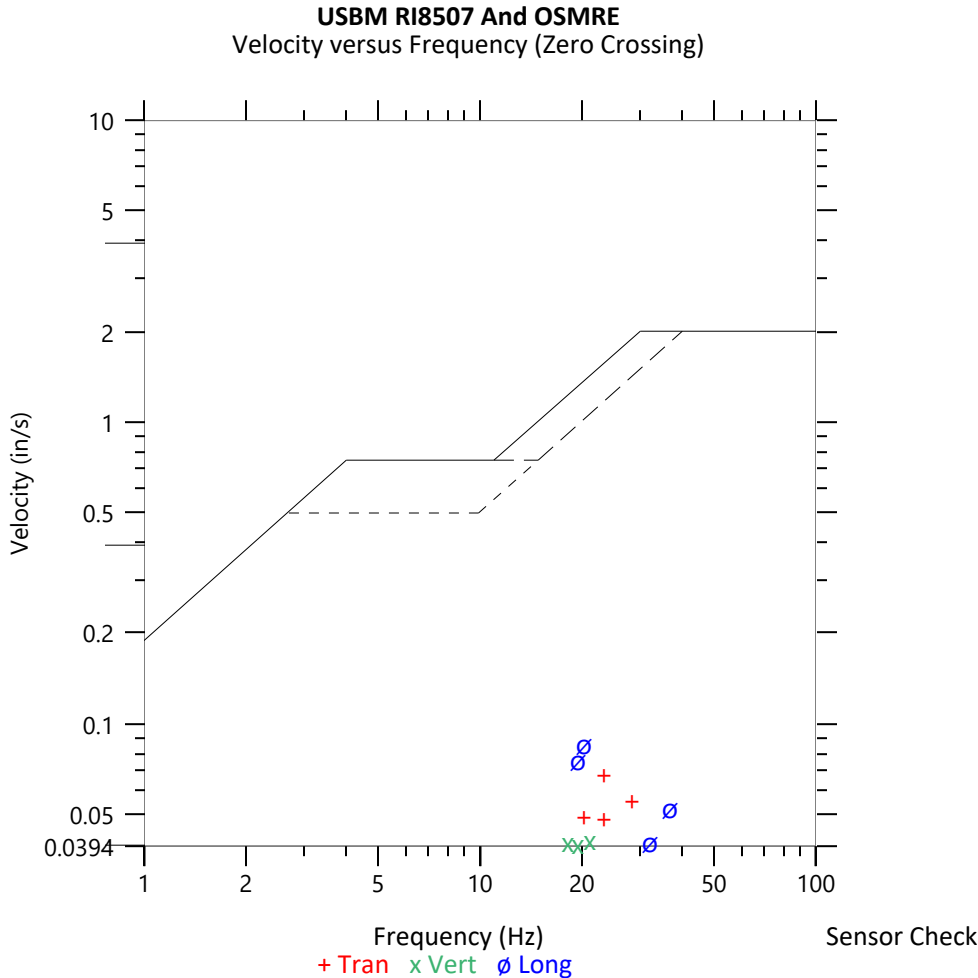
Start August 27, 2025 12:00:17
Finish August 27, 2025 17:00:00
Number of Intervals/Interval 19.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250827120017.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0698 in/s	0.0419 in/s	0.0866 in/s
Zero Crossing Frequency	23.3 Hz	21.3 Hz	20.5 Hz
Date	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025
Time	15:00:17	14:30:17	15:00:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.1002 in/s at August 27, 2025 15:00:17		





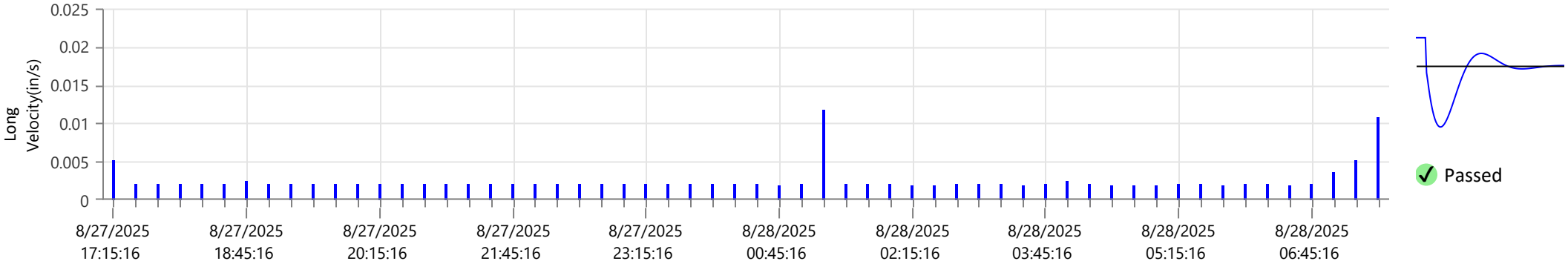
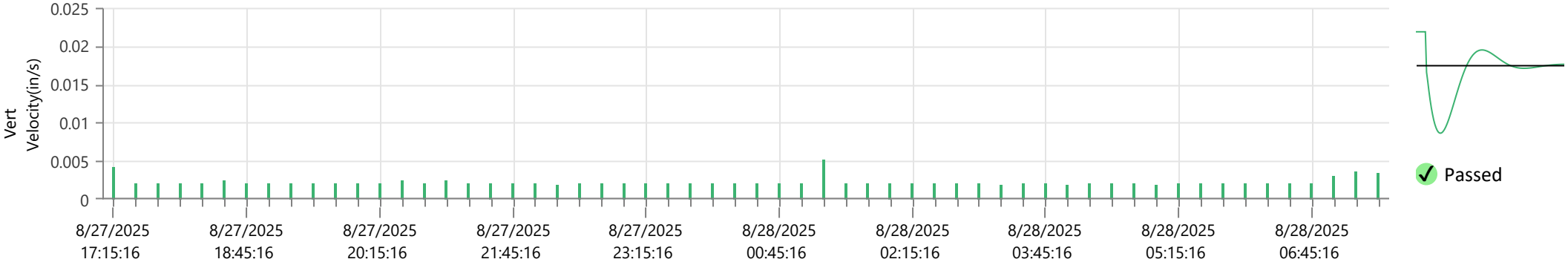
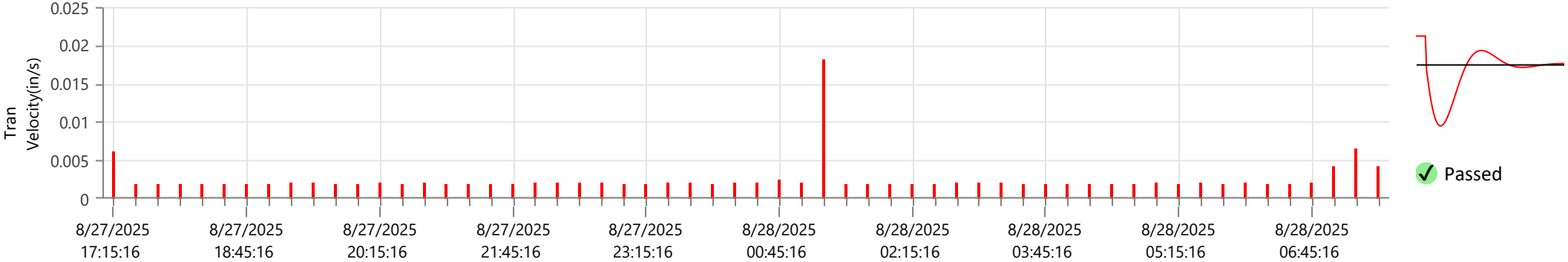
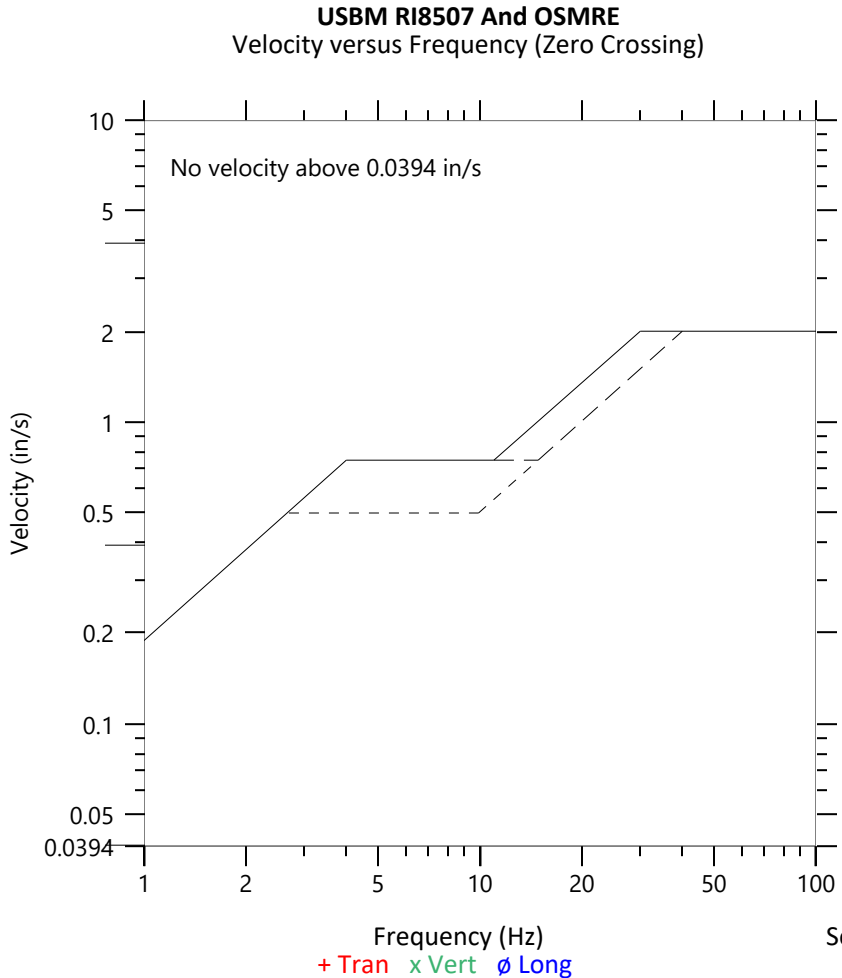
Start August 27, 2025 17:00:16
Finish August 28, 2025 07:29:59
Number of Intervals/Interval 57.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250827170016.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0183 in/s	0.0053 in/s	0.0118 in/s
Zero Crossing Frequency	30.1 Hz	42.7 Hz	51.2 Hz
Date	Aug 28, 2025	Aug 28, 2025	Aug 28, 2025
Time	01:15:16	01:15:16	01:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.2	4.6
Peak Vector Sum	0.0199 in/s at August 28, 2025 01:15:16		





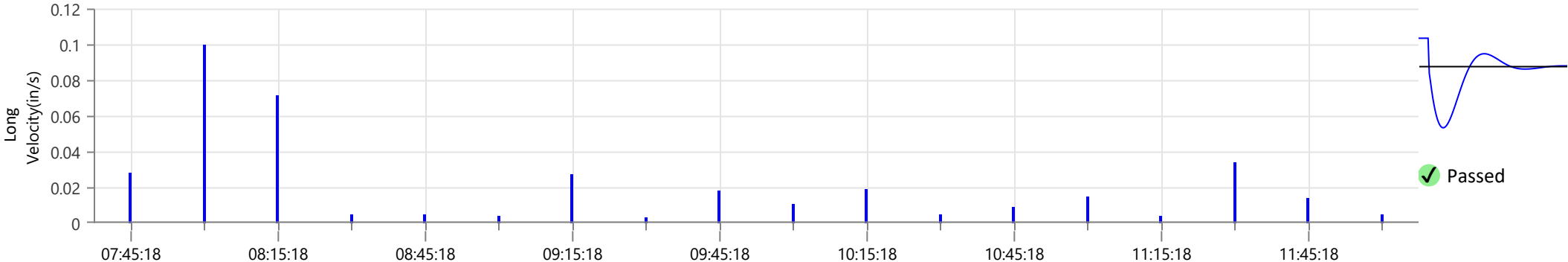
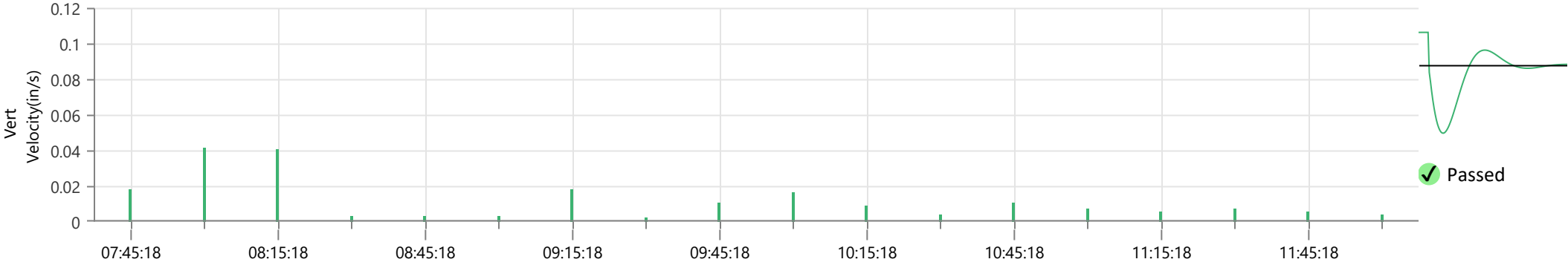
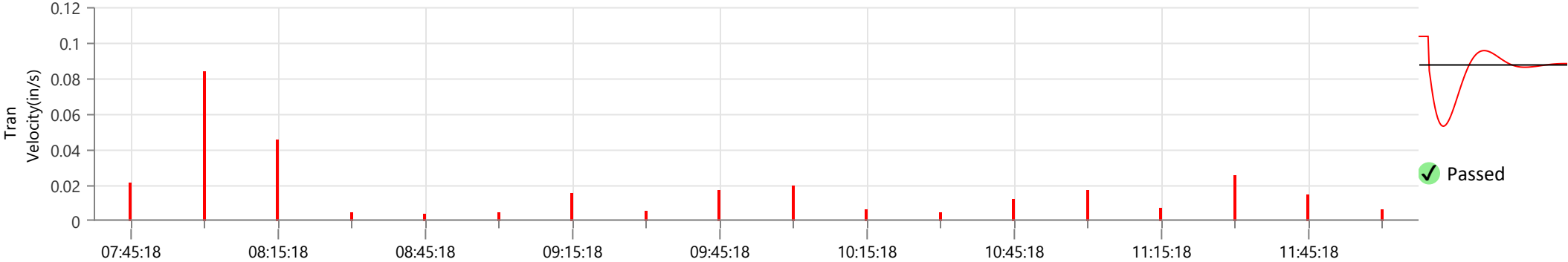
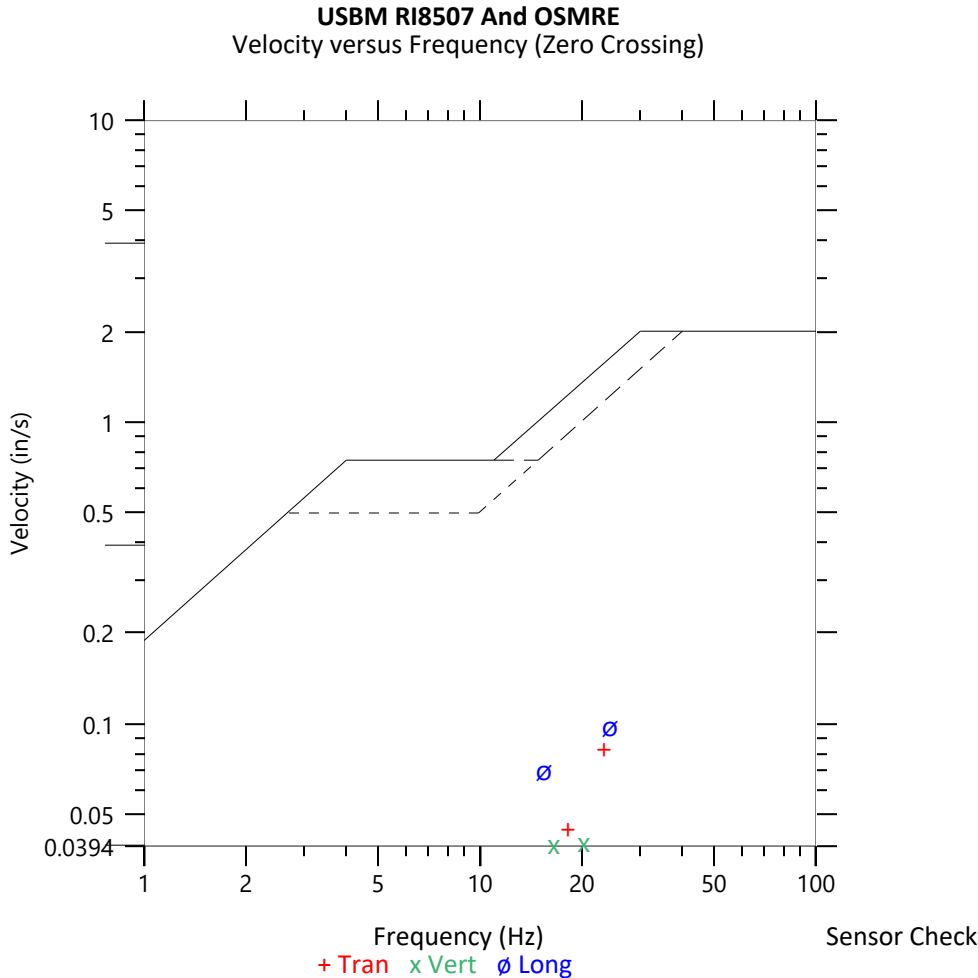
Start August 28, 2025 07:30:18
Finish August 28, 2025 11:59:59
Number of Intervals/Interval 17.98/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17586
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration January 21, 2025 by Instantel
Event File Name UM17586_20250828073018.IDFH
USB Sensor Support Disabled

Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0841 in/s	0.0413 in/s	0.0999 in/s
Zero Crossing Frequency	23.3 Hz	20.5 Hz	24.4 Hz
Date	Aug 28, 2025	Aug 28, 2025	Aug 28, 2025
Time	08:00:18	08:00:18	08:00:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.1214 in/s at August 28, 2025 08:00:18		





Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

August 28, 2025 12:00:16
August 28, 2025 16:59:59
19.98/900 sec
1024 sps
233473 Thurston Elementary School.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM17586
Micromate ISEE 11.0AK
3.8 volts
January 21, 2025 by Instantel
UM17586_20250828120016.IDFH
Disabled

Notes
Location
Client
Company
General Notes

Thurston Elementary School, Ann Arbor MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0242 in/s	0.0202 in/s	0.0276 in/s
Zero Crossing Frequency	25.6 Hz	28.4 Hz	25.6 Hz
Date	Aug 28, 2025	Aug 28, 2025	Aug 28, 2025
Time	13:30:16	13:15:16	13:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.5 Hz
Overswing Ratio	4.2	4.3	4.7
Peak Vector Sum	0.0296 in/s at August 28, 2025 13:30:16		

