

	<h2 style="margin: 0;">Vibration Monitoring Report Summary</h2>			
	Slauson Middle School Renovation and Addition	Project Number: 253121 Client: Ann Arbor Public Schools	Date: 09/28/26 to 10/01/26 Client Contact: Erik Bodker (Gilbane)	
	Project Address: 1019 W Washington St, Ann Arbor, MI 48103			
Micromate/Minimate Serial No. :		UM16684	Geophone Serial No.:	UM16684
Vibration Unit Location:	UM16684 - West side of school, next to property line behind 231 Buena Vista			
Maximum Peak Particle Velocity (PPV) (in/sec):			Frequency (Hz) at PPV:	
UM16684	0.3789 in/sec – Longitudinal channel on 09/29/2026 at 19:24:27		UM16684	73.1 Hz
Maximum Specified PPV (in/sec):	0.20			
<p>Description of Construction Activities:</p> <p>General construction activities with the intent to establish a baseline vibration level during construction. One (1) vibration event exceeded the maximum specified peak particle velocity (PPV): a single impulse of 0.3789 in/s (longitudinal, 73 Hz) on September 29, 2026 at approximately 7:24 PM. The event occurred after working hours and decayed within a fraction of a second; we surmise it was caused by a person or object bumping the geophone casing and not by construction activity. It is well below the USBM RI 8507 and OSMRE damage criteria. Seismograph UM16684 stopped recording at approximately 1:09 AM on October 2, 2026 and required service; no data were recorded until replacement unit UM17586 began monitoring on October 21, 2026. This report covers September 28 through October 1, 2026, from data recovered from UM16684.</p>				
Reported By: RPC, P.E.			Reviewed By: MGD, P.E.	



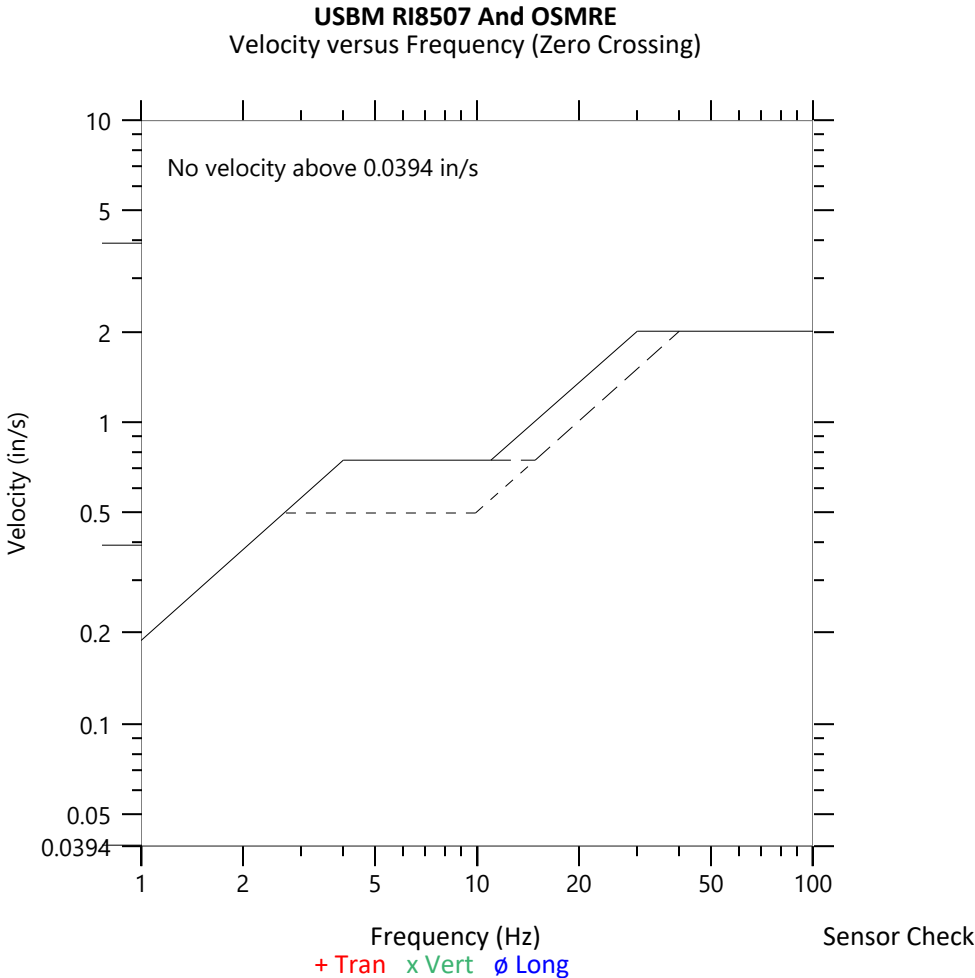
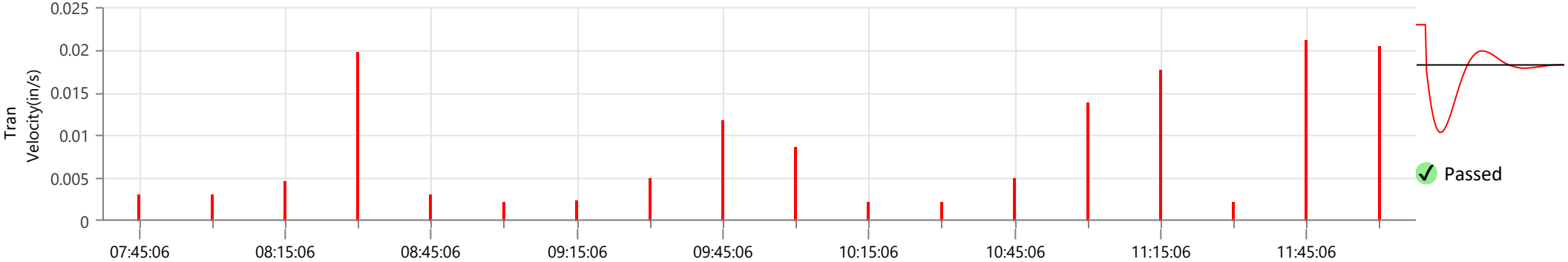
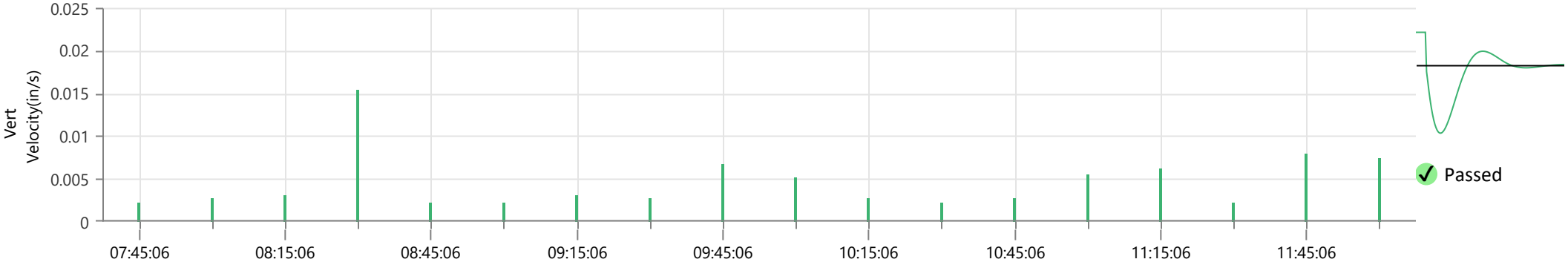
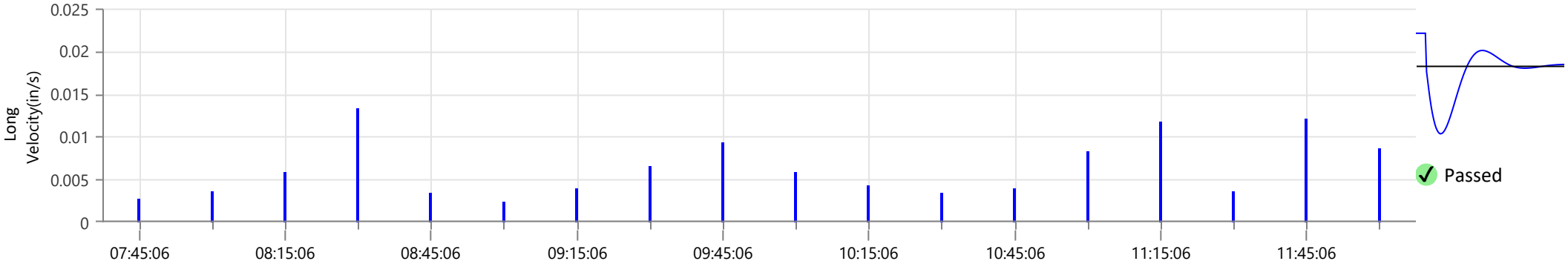
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Number of Intervals/Interval 17.99/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.8 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260928073006.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0211 in/s	0.0155 in/s	0.0133 in/s
Zero Crossing Frequency	28.4 Hz	>100 Hz	>100 Hz
Date	Sep 28, 2026	Sep 28, 2026	Sep 28, 2026
Time	11:45:06	08:30:06	08:30:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.8	4.6	4.2
Peak Vector Sum	0.0272 in/s at September 28, 2026 08:30:06		





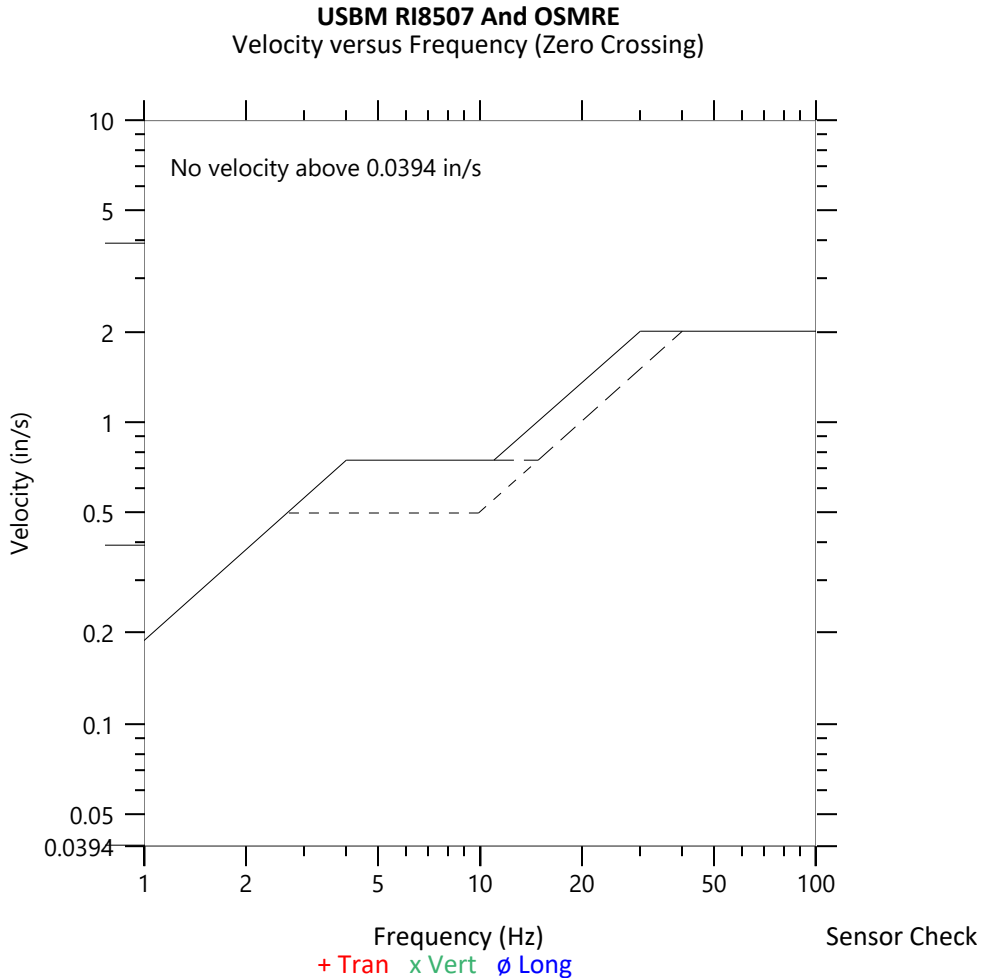
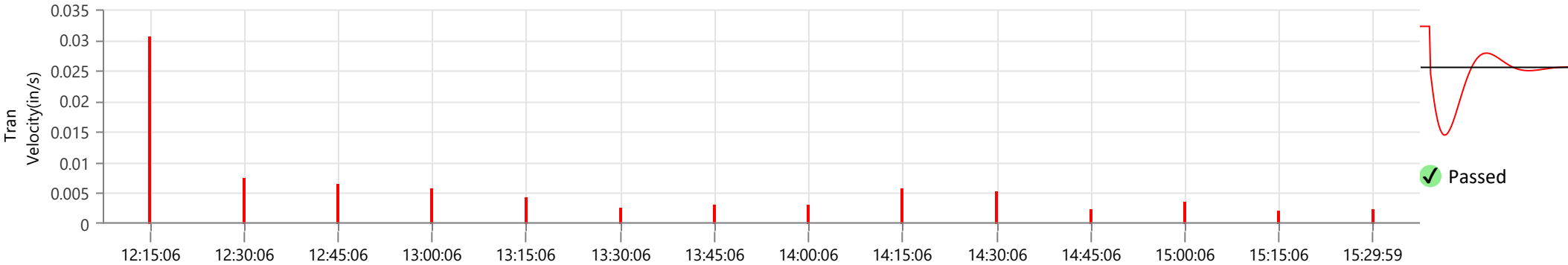
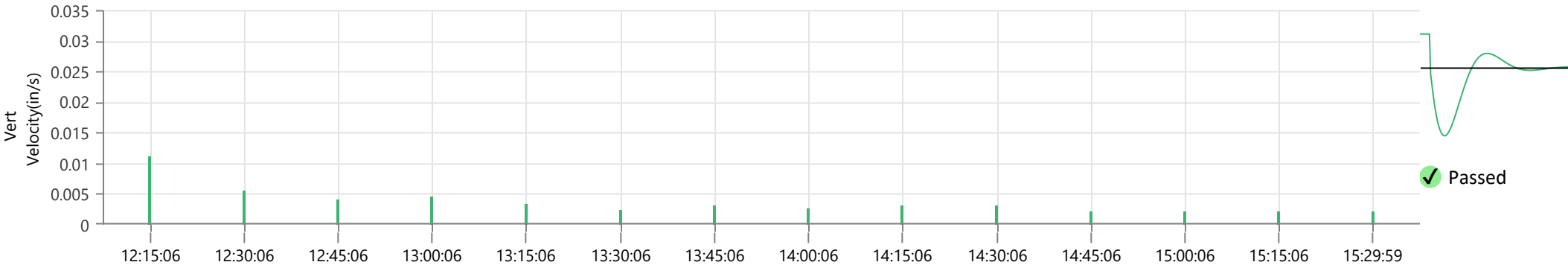
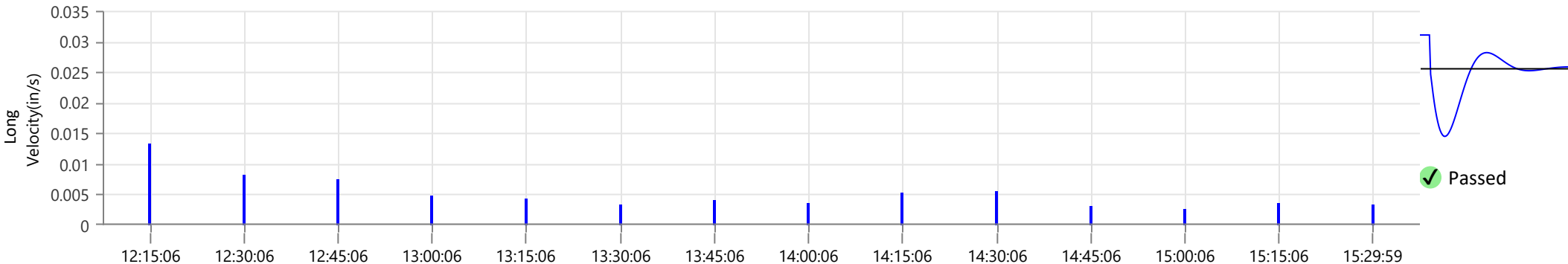
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Number of Intervals/Interval 13.99/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.8 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260928120006.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0307 in/s	0.0112 in/s	0.0133 in/s
Zero Crossing Frequency	36.6 Hz	23.3 Hz	36.6 Hz
Date	Sep 28, 2026	Sep 28, 2026	Sep 28, 2026
Time	12:15:06	12:15:06	12:15:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0320 in/s at September 28, 2026 12:15:06		





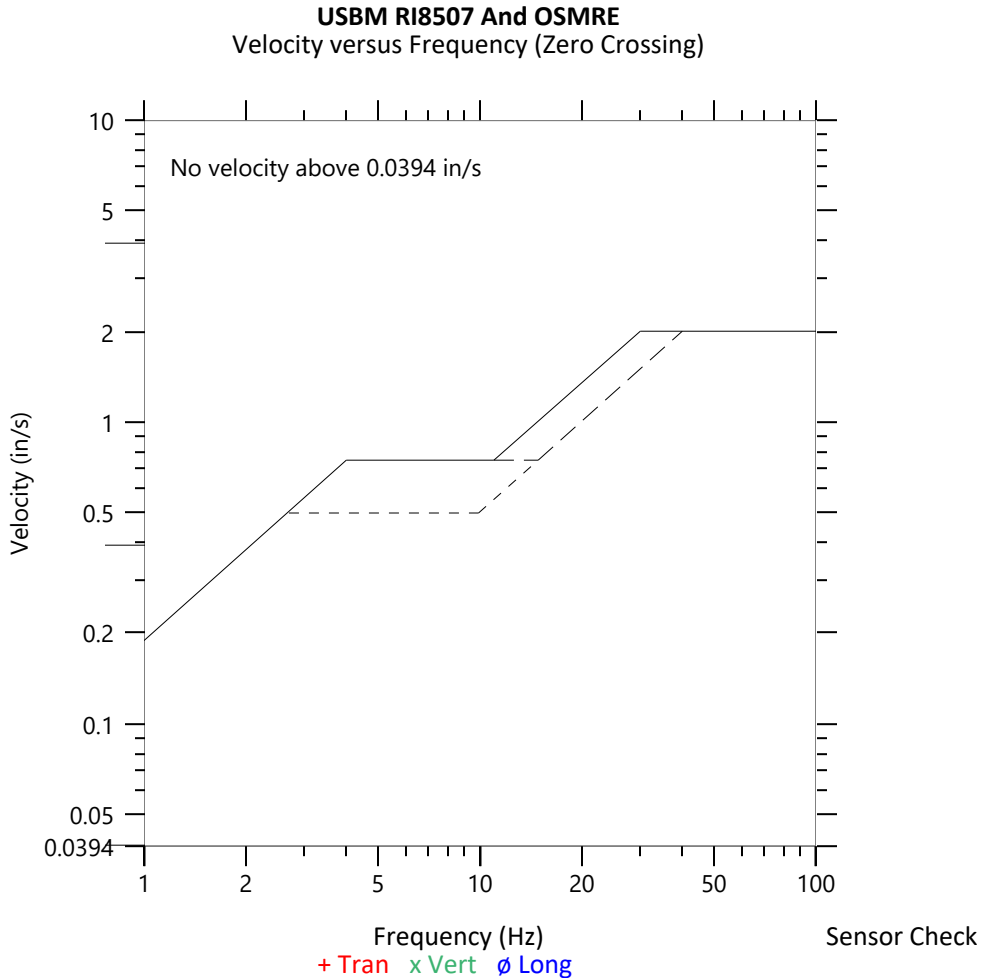
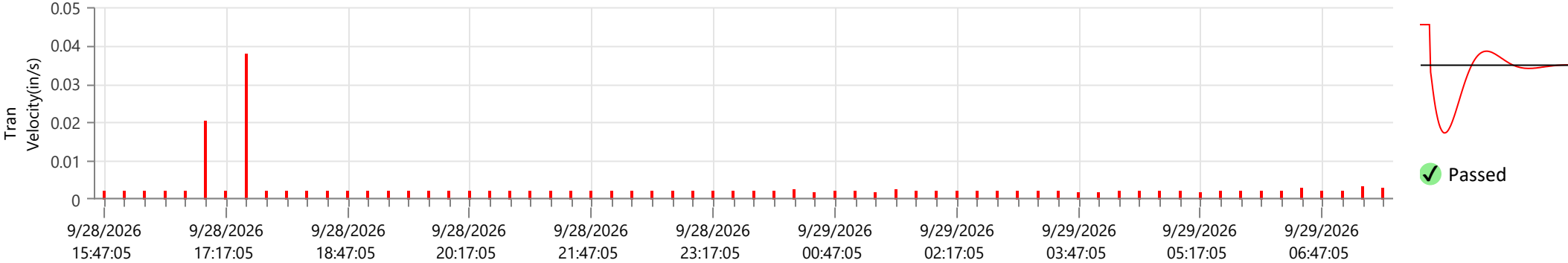
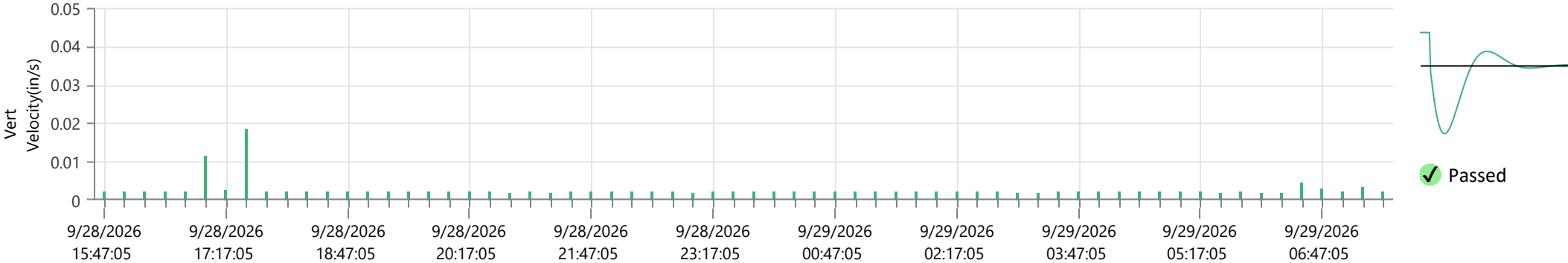
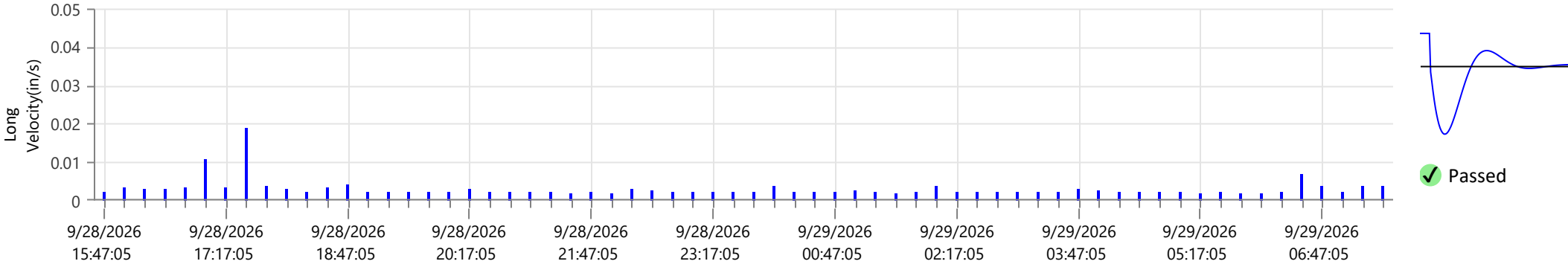
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Number of Intervals/Interval 63.86/900 sec
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Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.8 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260928153205.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0382 in/s	0.0186 in/s	0.0189 in/s
Zero Crossing Frequency	34.1 Hz	>100 Hz	28.4 Hz
Date	Sep 28, 2026	Sep 28, 2026	Sep 28, 2026
Time	17:32:05	17:32:05	17:32:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.8	4.6	4.2
Peak Vector Sum	0.0397 in/s at September 28, 2026 17:32:05		





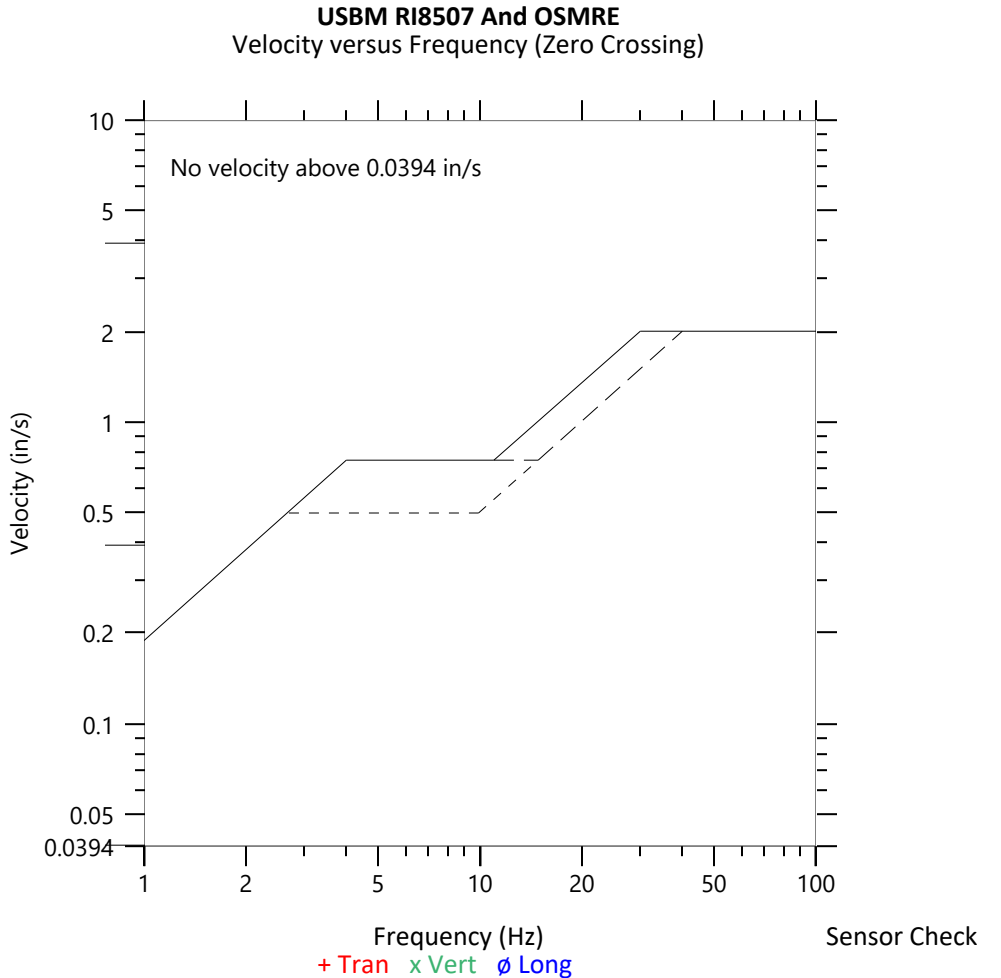
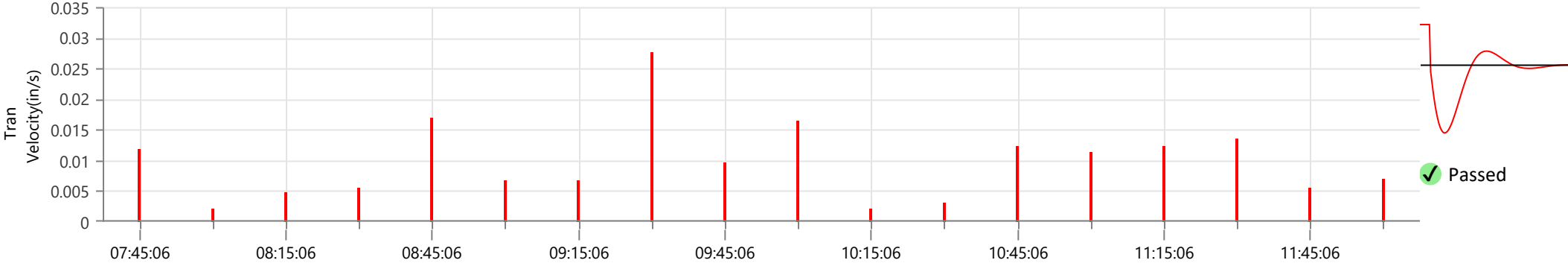
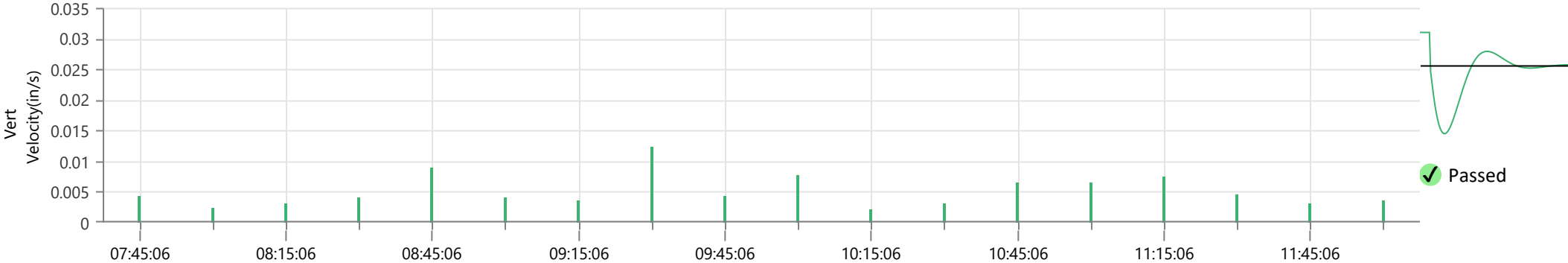
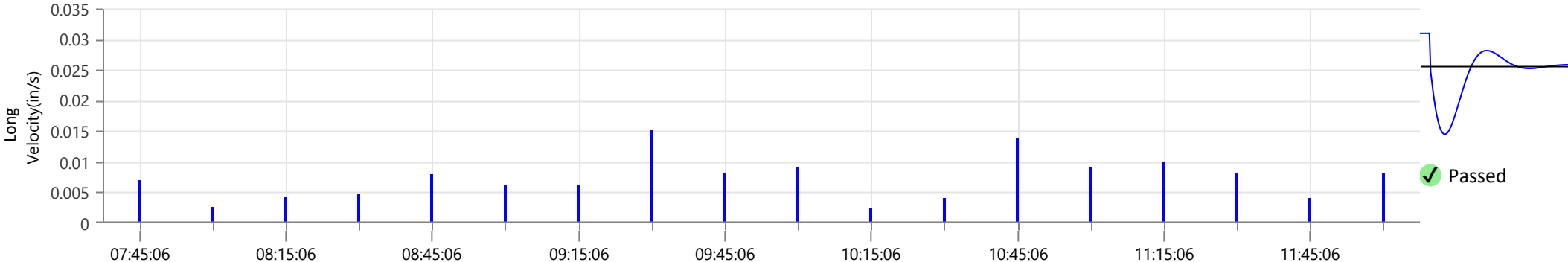
Start September 29, 2026 07:30:06
Finish September 29, 2026 11:59:59
Number of Intervals/Interval 17.99/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.8 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260929073006.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0276 in/s	0.0124 in/s	0.0152 in/s
Zero Crossing Frequency	28.4 Hz	21.3 Hz	28.4 Hz
Date	Sep 29, 2026	Sep 29, 2026	Sep 29, 2026
Time	09:30:06	09:30:06	09:30:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.8	4.6	4.2
Peak Vector Sum	0.0305 in/s at September 29, 2026 09:30:06		





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

September 29, 2026 12:00:06
September 29, 2026 15:29:59
13.99/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

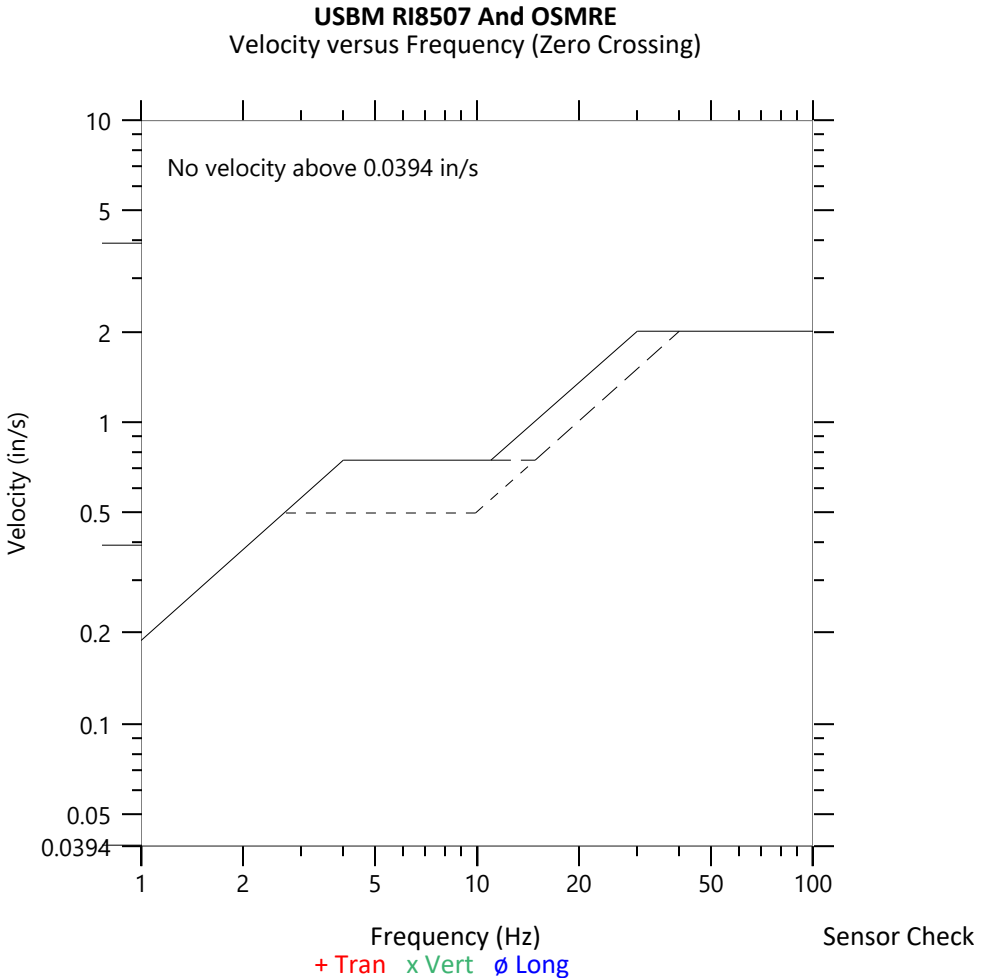
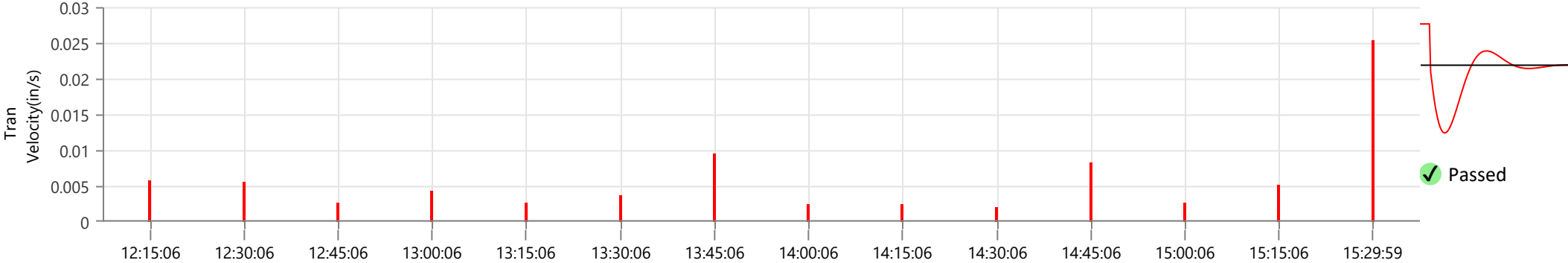
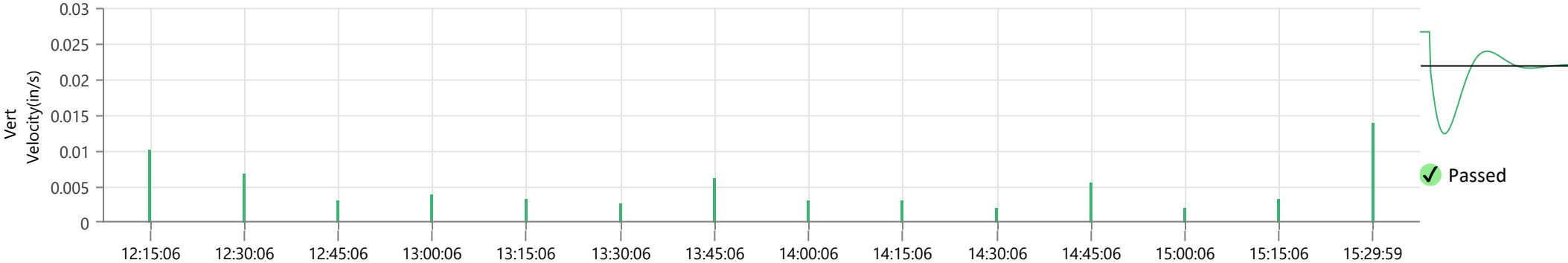
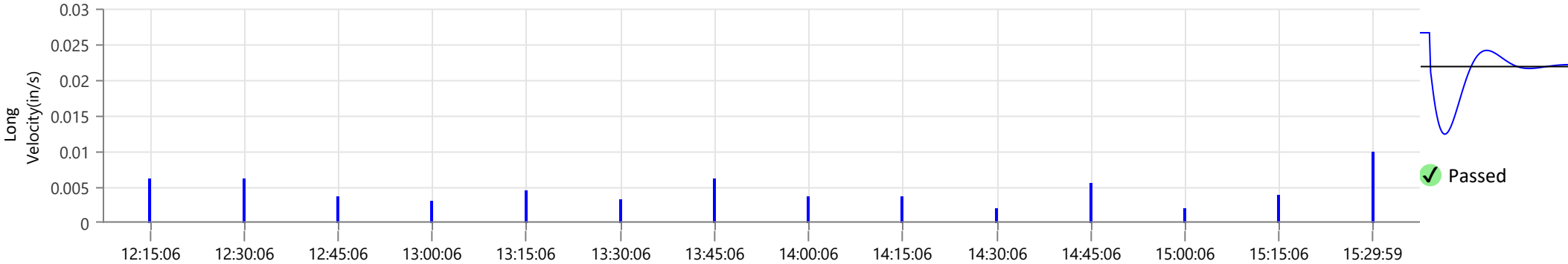
UM16684
Micromate ISEE 11.0BD
3.8 volts
July 26, 2025 by Instantel
UM16684_20260929120006.IDFH
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0254 in/s	0.0140 in/s	0.0099 in/s
Zero Crossing Frequency	13.5 Hz	16.5 Hz	21.3 Hz
Date	Sep 29, 2026	Sep 29, 2026	Sep 29, 2026
Time	15:29:59	15:29:59	15:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0292 in/s at September 29, 2026 15:30:06		





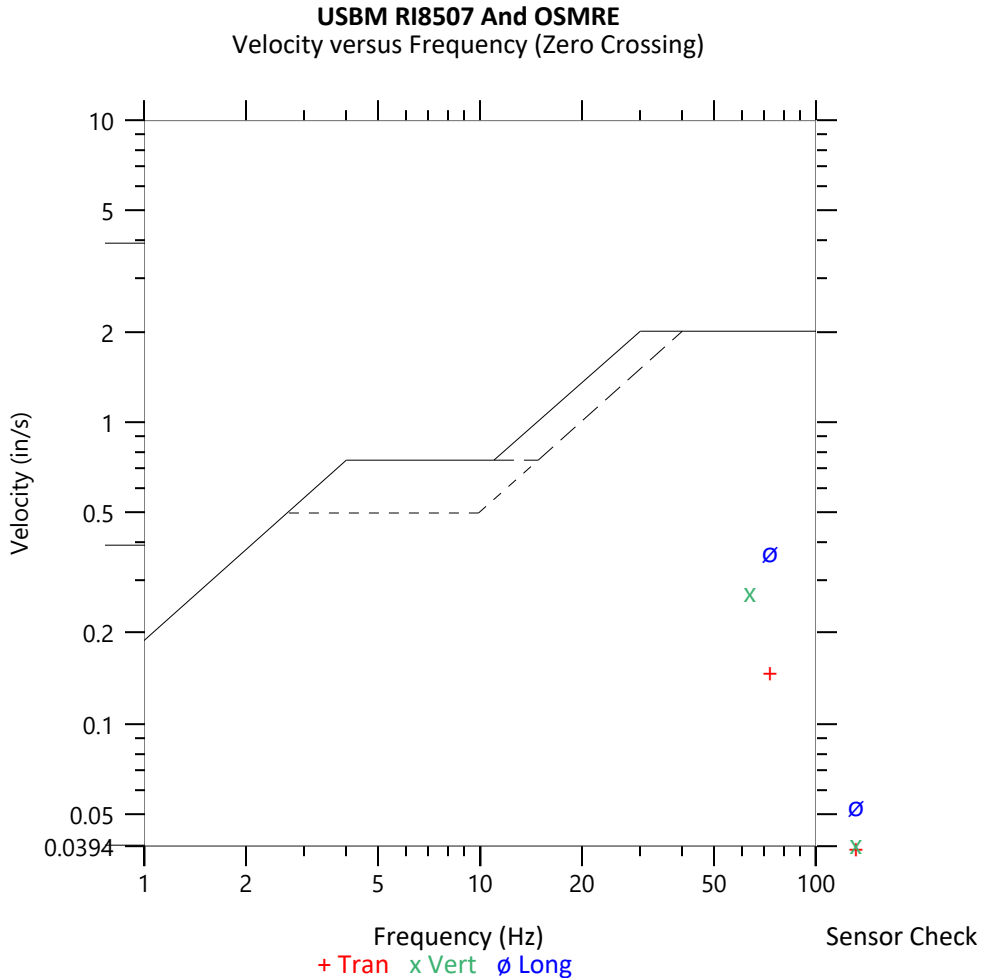
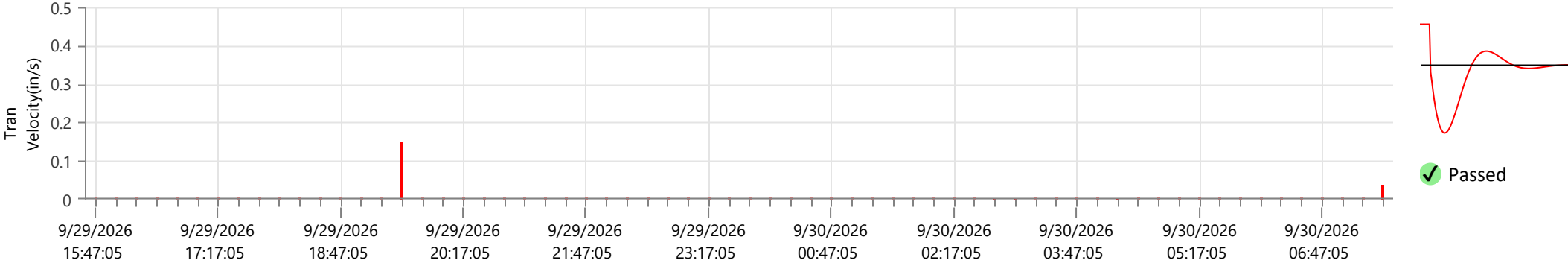
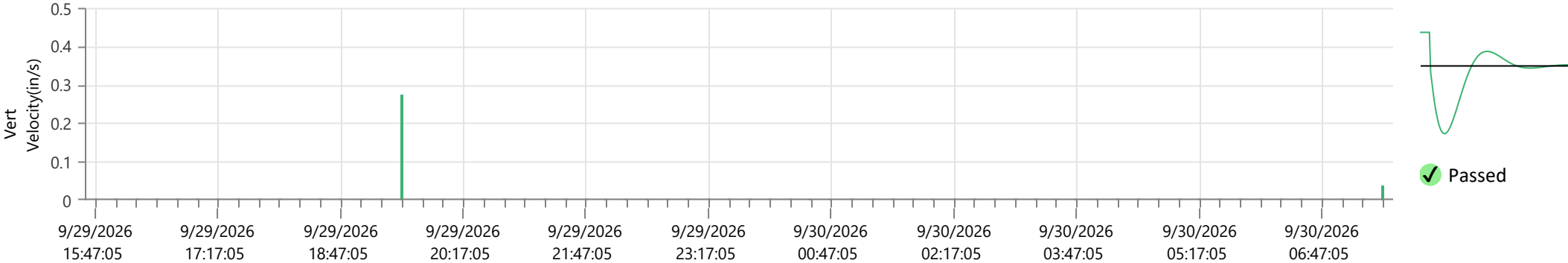
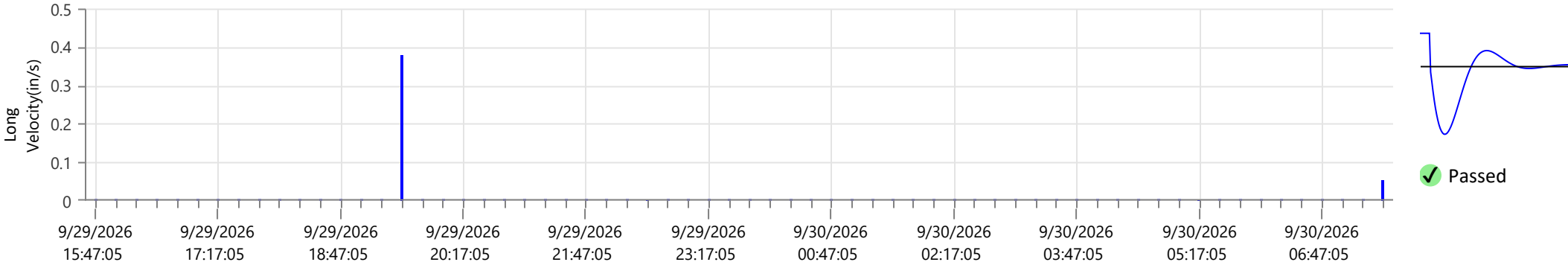
Start September 29, 2026 15:32:05
Finish September 30, 2026 07:29:59
Number of Intervals/Interval 63.86/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.8 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260929153205.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1511 in/s	0.2762 in/s	0.3789 in/s
Zero Crossing Frequency	73.1 Hz	64.0 Hz	73.1 Hz
Date	Sep 29, 2026	Sep 29, 2026	Sep 29, 2026
Time	19:32:05	19:32:05	19:32:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.8	4.6	4.2
Peak Vector Sum	0.4777 in/s at September 29, 2026 19:32:05		





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

Vert at September 29, 2026 19:24:27
Geo 0.2000 in/s
1.00 sec/5.0 sec (Fixed)
1024 sps
253121 Slauson Middle School.mmb
Operator

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

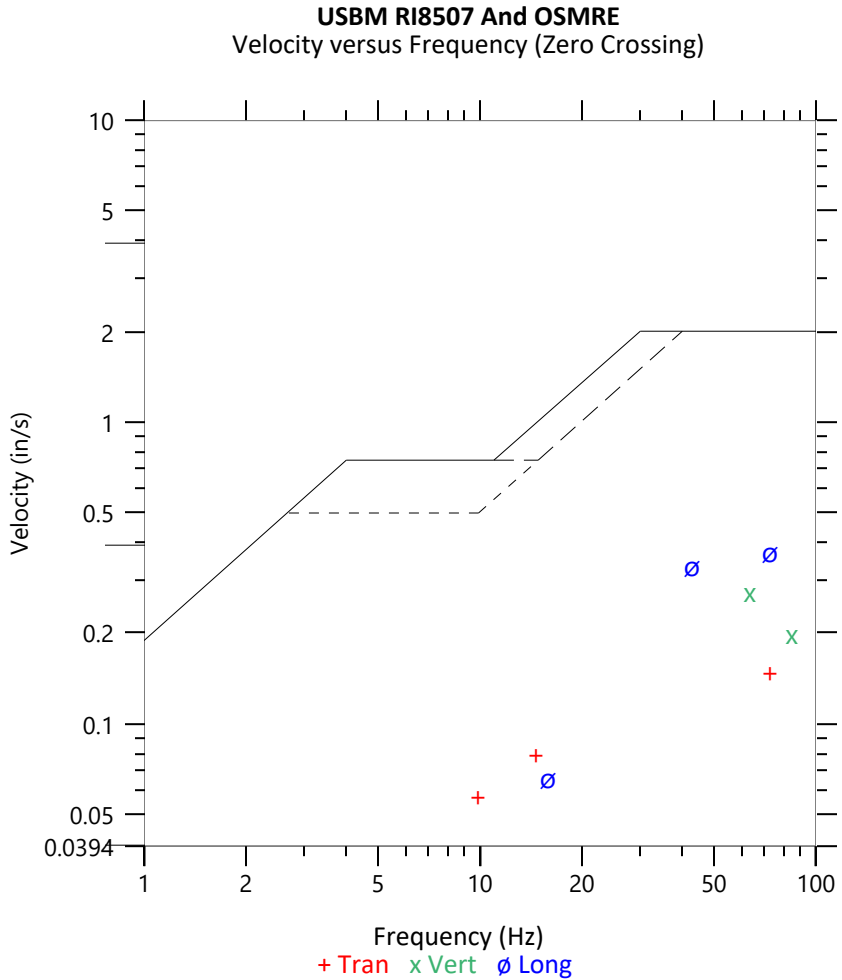
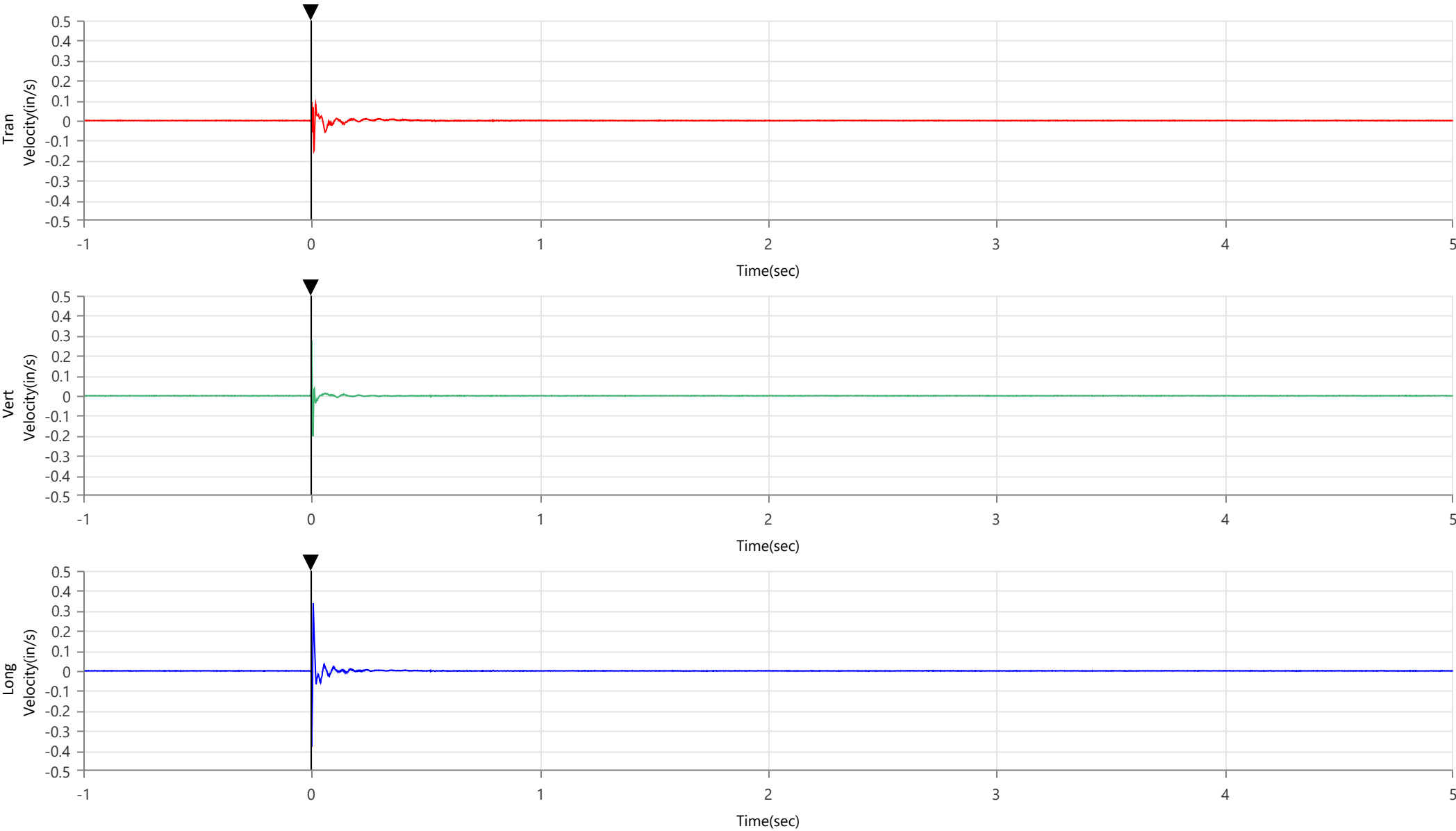
UM16684
Micromate ISEE 11.0BD
3.8 volts
July 26, 2025 by Instantel
UM16684_20260929192427.IDFW
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1511 in/s	0.2762 in/s	0.3789 in/s
Zero Crossing Frequency	73.1 Hz	64.0 Hz	73.1 Hz
Time (Relative to Trigger)	0.010 sec	0.000 sec	0.000 sec
Peak Acceleration	0.235 g	0.377 g	0.565 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	Disabled	Disabled	Disabled
Peak Vector Sum	0.4777 in/s at 0.000 sec		



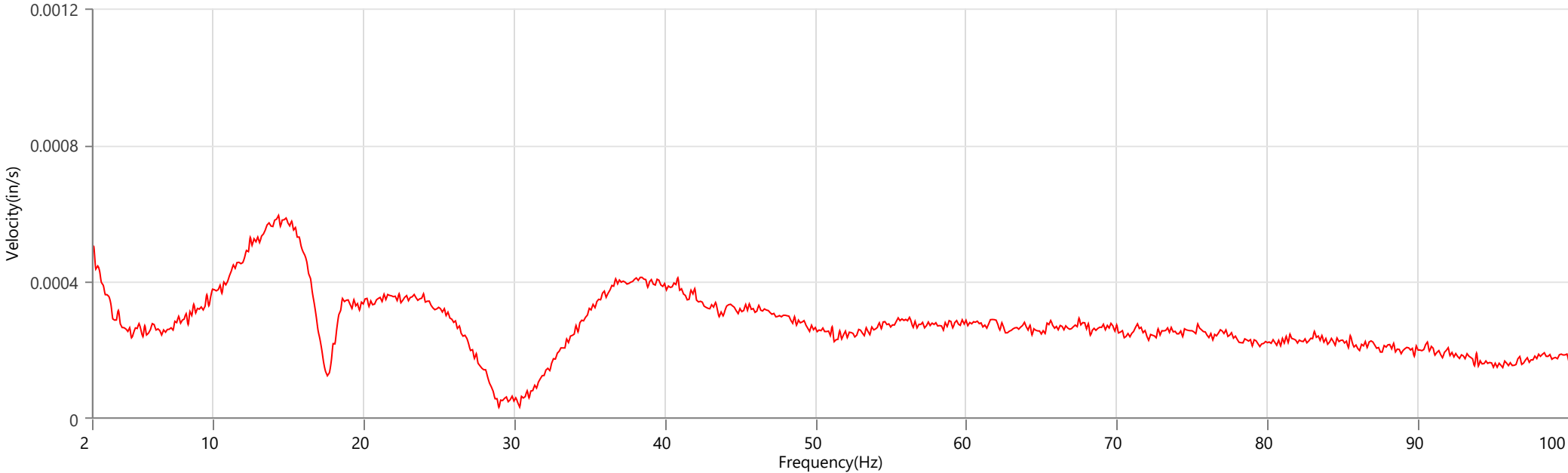


Waveform Trigger Source	Vert at September 29, 2026 19:24:27	Serial Number	UM16684
Trigger Level(s)	Geo 0.2000 in/s	Model Number	Micromate ISEE 11.0BD
Pre-Trigger/Record Time	1.00 sec/5.0 sec (Fixed)	Battery Level	3.8 volts
Sample Rate	1024 sps	Unit Calibration	July 26, 2025 by Instantel
Setup File Name	253121 Slauson Middle School.mmb	Event File Name	UM16684_20260929192427.IDFW
Operator	Operator	USB Sensor Support	Disabled

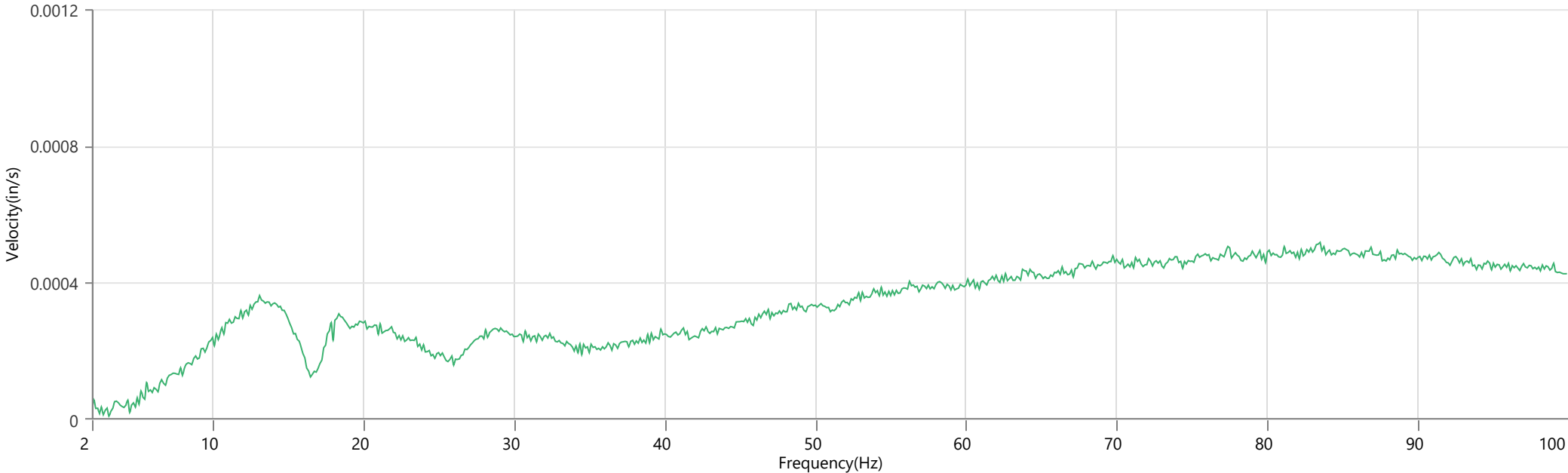
Notes	
Location	1019 W Washington St, Ann Arbor, MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 No. 253121

Post Event Notes No text to be displayed.

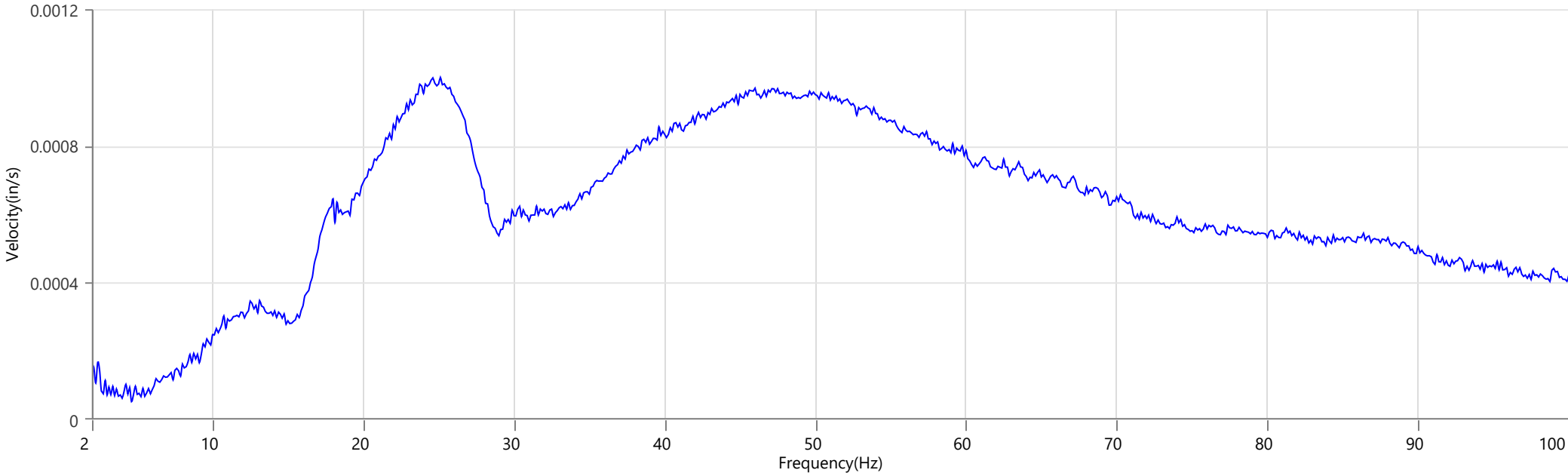
Tran - Dominant Frequency 14.4 Hz, Amplitude 0.0006 in/s (Peak Particle Velocity: 0.1511 in/s)



Vert - Dominant Frequency 83.5 Hz, Amplitude 0.0005 in/s (Peak Particle Velocity: 0.2762 in/s)



Long - Dominant Frequency 25.1 Hz, Amplitude 0.0010 in/s (Peak Particle Velocity: 0.3789 in/s)





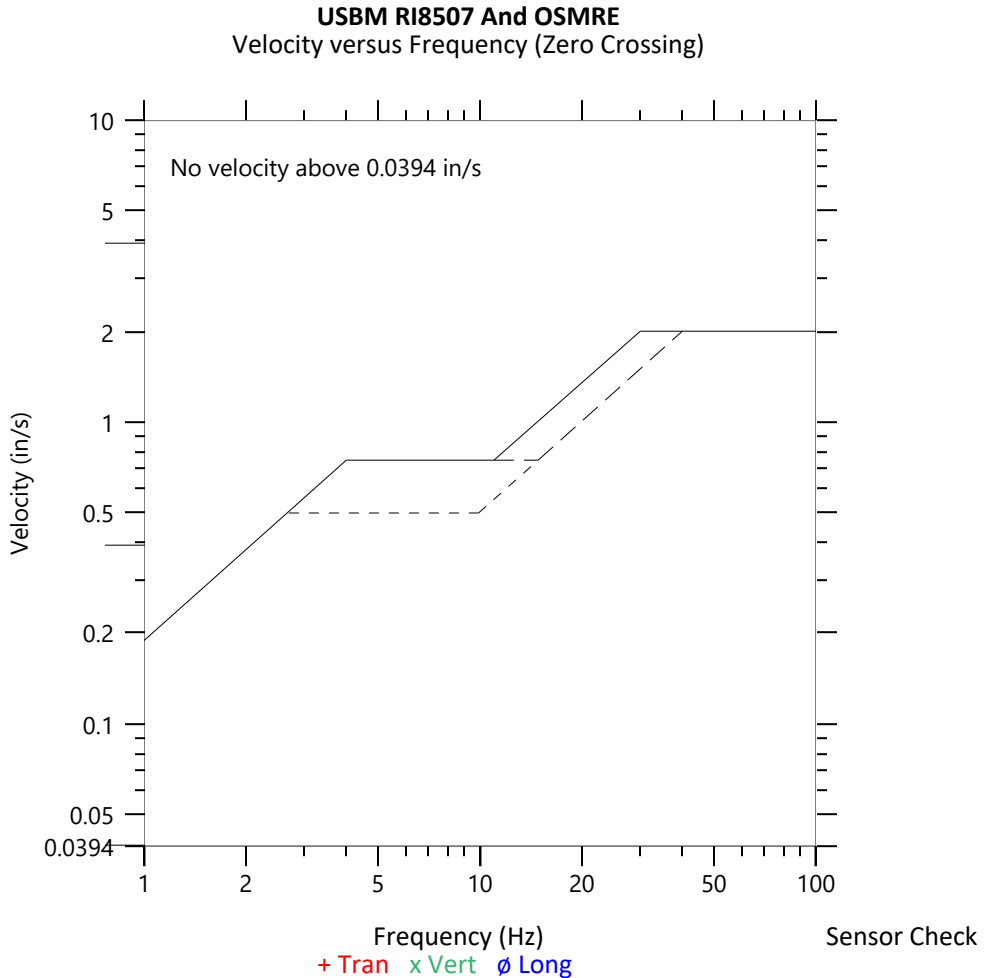
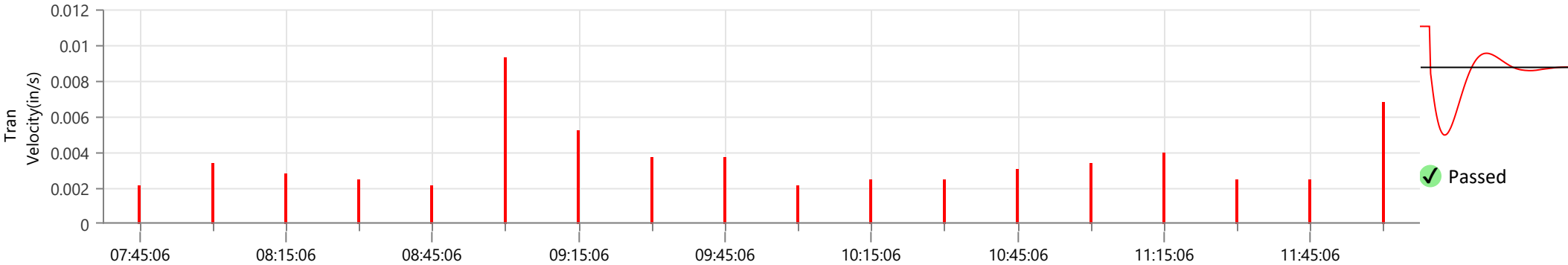
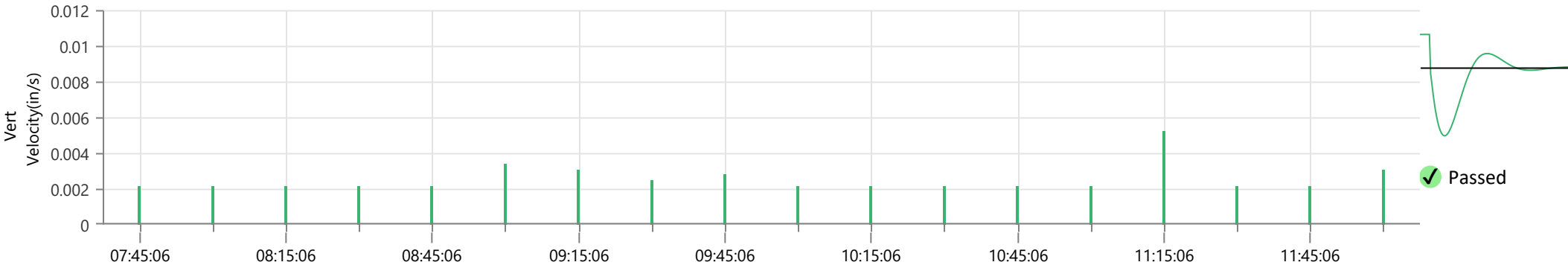
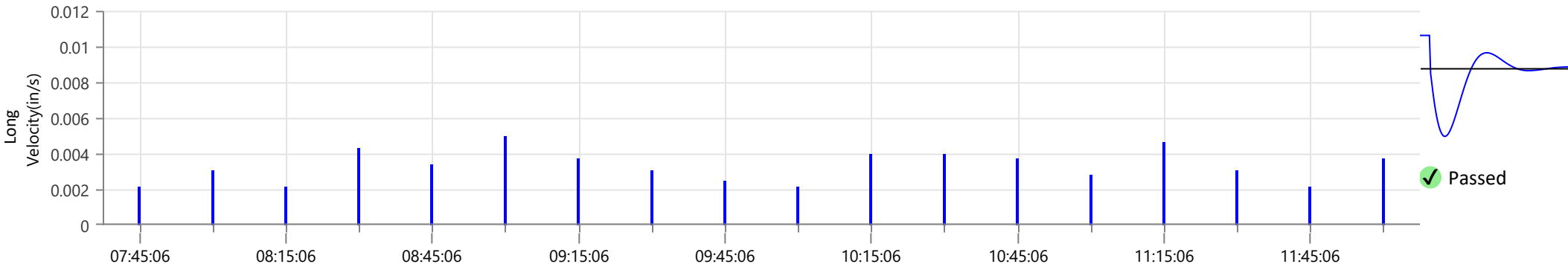
Start September 30, 2026 07:30:06
Finish September 30, 2026 11:59:59
Number of Intervals/Interval 17.99/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.7 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260930073006.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0093 in/s	0.0053 in/s	<0.005 in/s
Zero Crossing Frequency	34.1 Hz	28.4 Hz	34.1 Hz
Date	Sep 30, 2026	Sep 30, 2026	Sep 30, 2026
Time	09:00:06	11:15:06	09:00:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.6	4.2
Peak Vector Sum	0.0098 in/s at September 30, 2026 09:00:06		





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

September 30, 2026 12:00:06
September 30, 2026 15:29:59
13.99/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

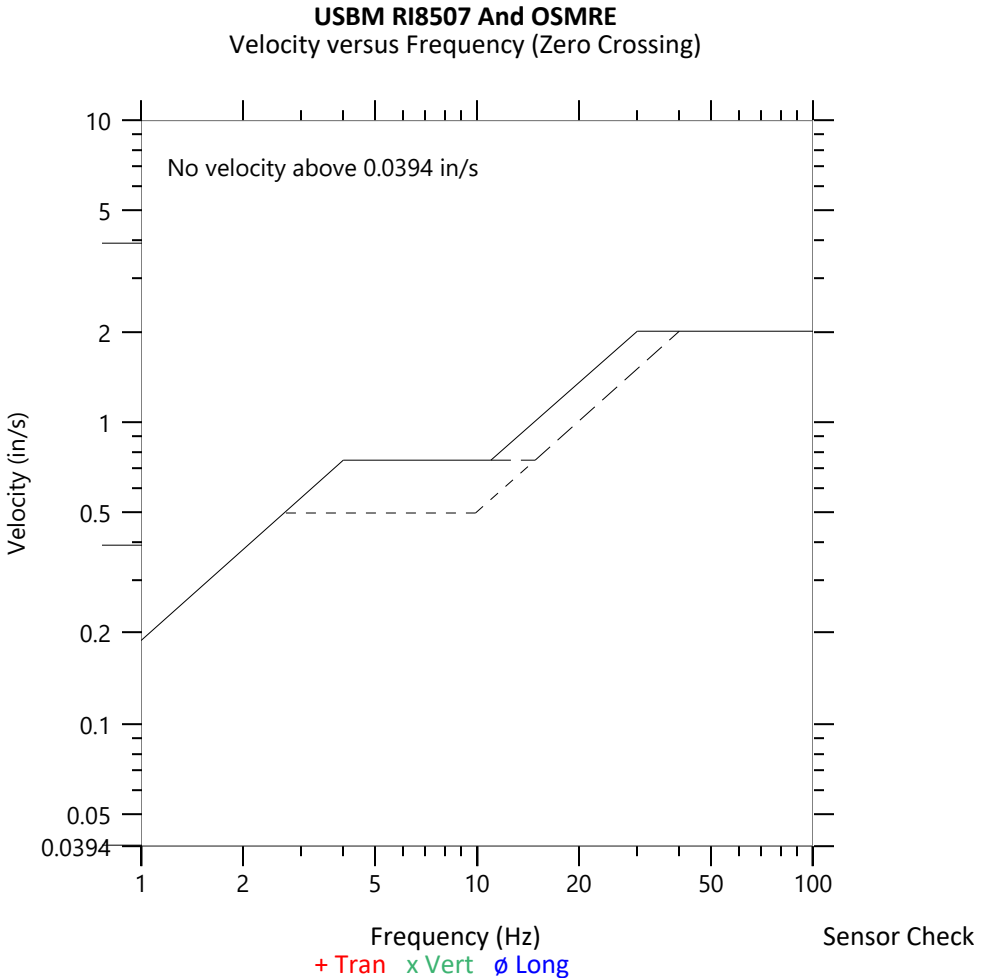
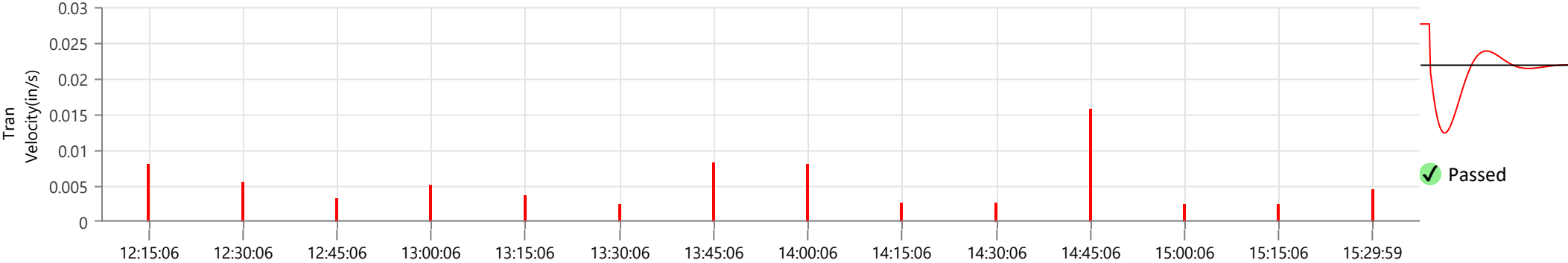
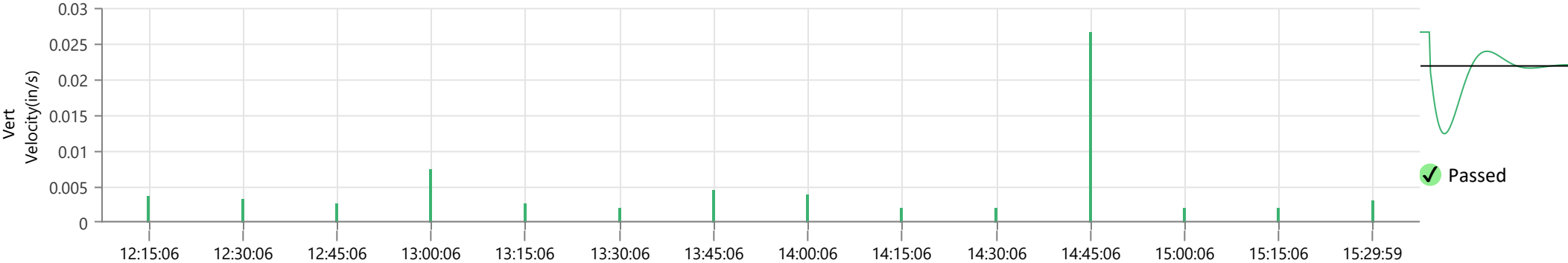
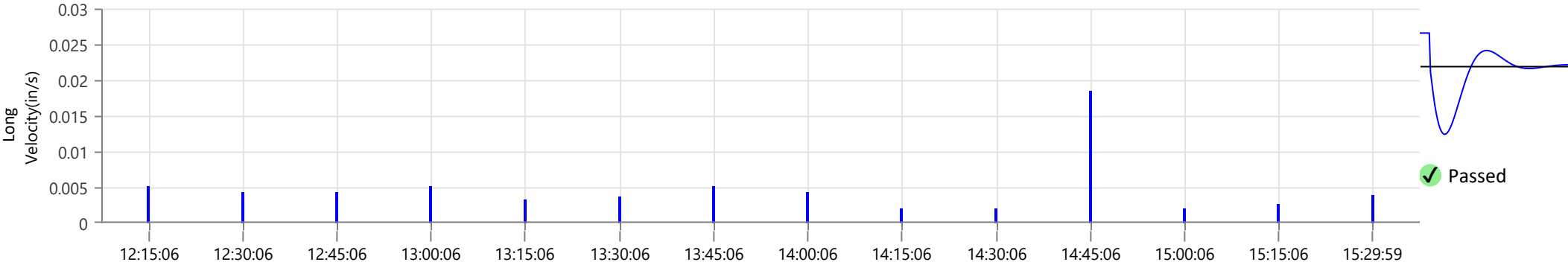
UM16684
Micromate ISEE 11.0BD
3.7 volts
July 26, 2025 by Instantel
UM16684_20260930120006.IDFH
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0158 in/s	0.0267 in/s	0.0186 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Sep 30, 2026	Sep 30, 2026	Sep 30, 2026
Time	14:45:06	14:45:06	14:45:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0286 in/s at September 30, 2026 14:45:06		





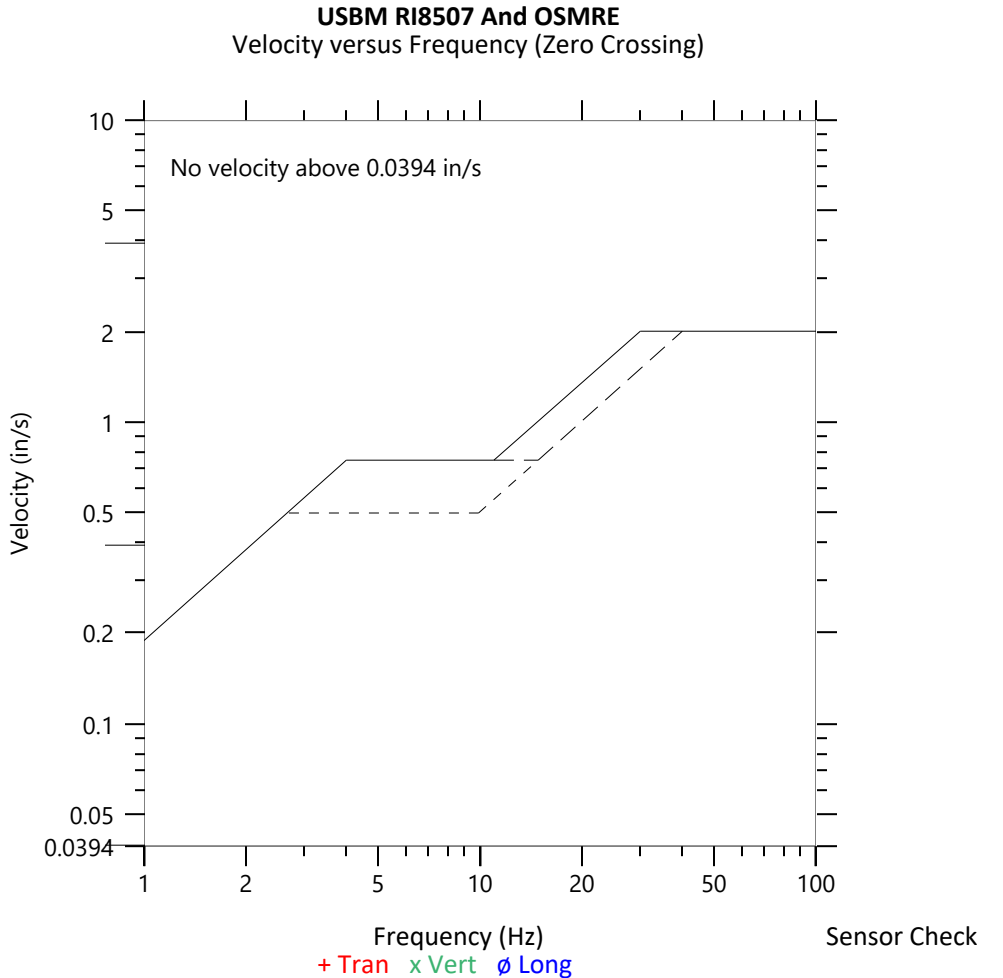
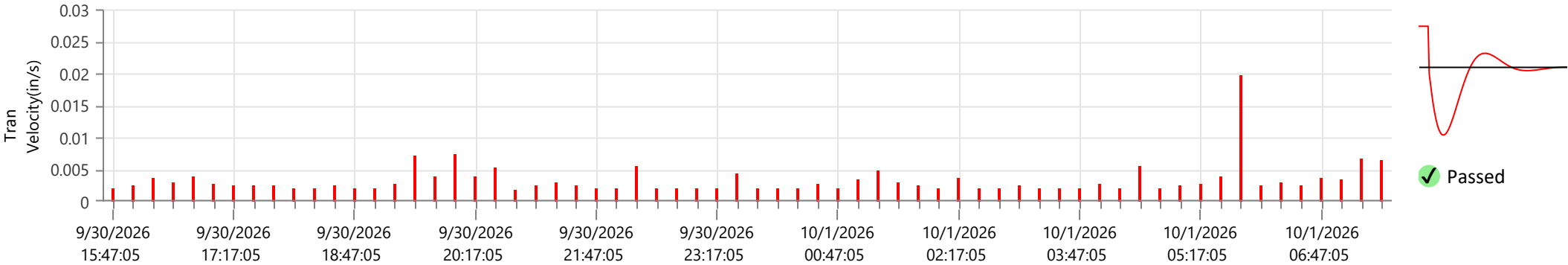
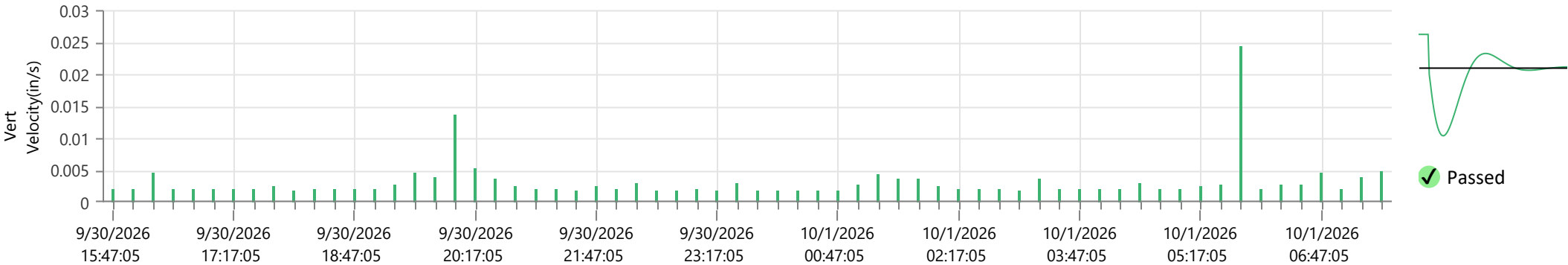
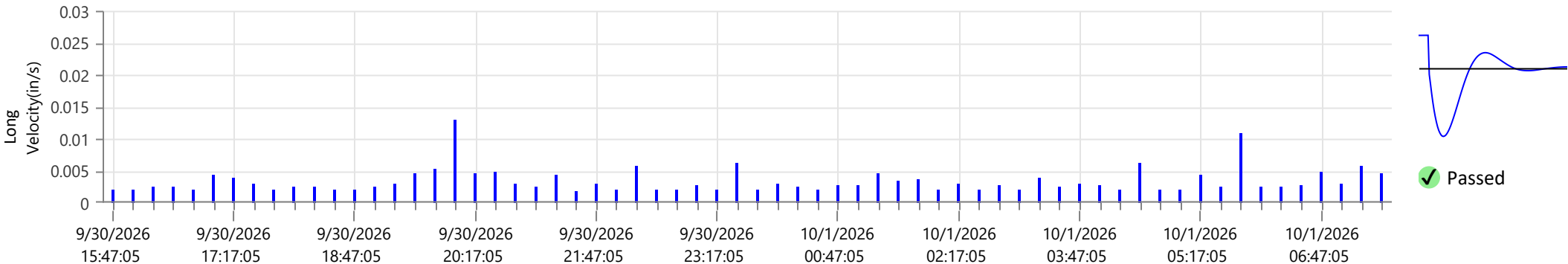
Start September 30, 2026 15:32:05
Finish October 1, 2026 07:29:59
Number of Intervals/Interval 63.86/900 sec
Sample Rate 1024 sps
Setup File Name 253121 Slauson Middle School.mmb
Operator Operator

Serial Number UM16684
Model Number Micromate ISEE 11.0BD
Battery Level 3.6 volts
Unit Calibration July 26, 2025 by Instantel
Event File Name UM16684_20260930153205.IDFH
USB Sensor Support Disabled

Notes
Location 1019 W Washington St, Ann Arbor, MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0199 in/s	0.0245 in/s	0.0130 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Oct 1, 2026	Oct 1, 2026	Sep 30, 2026
Time	05:47:05	05:47:05	20:02:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0263 in/s at October 1, 2026 05:47:05		





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

October 1, 2026 07:30:06
October 1, 2026 11:59:59
17.99/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

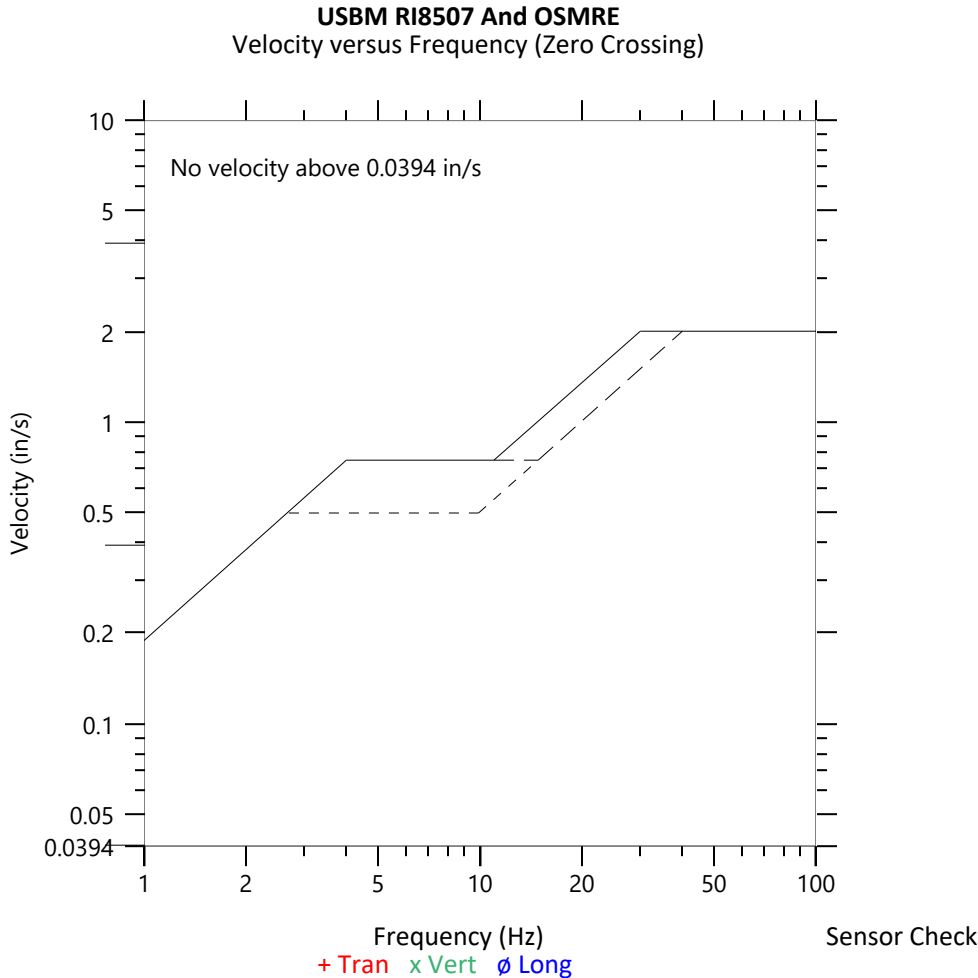
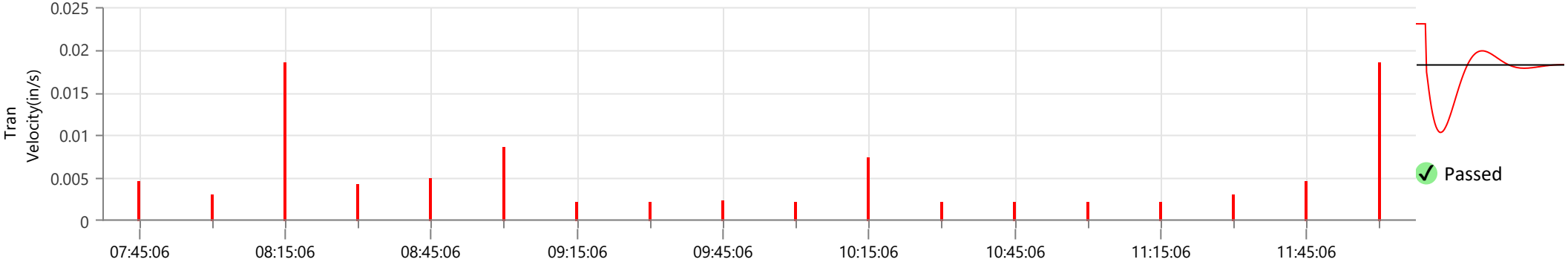
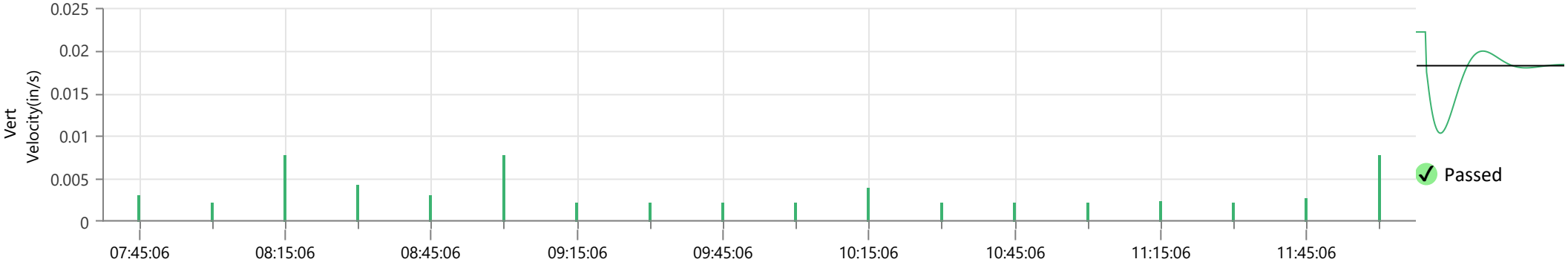
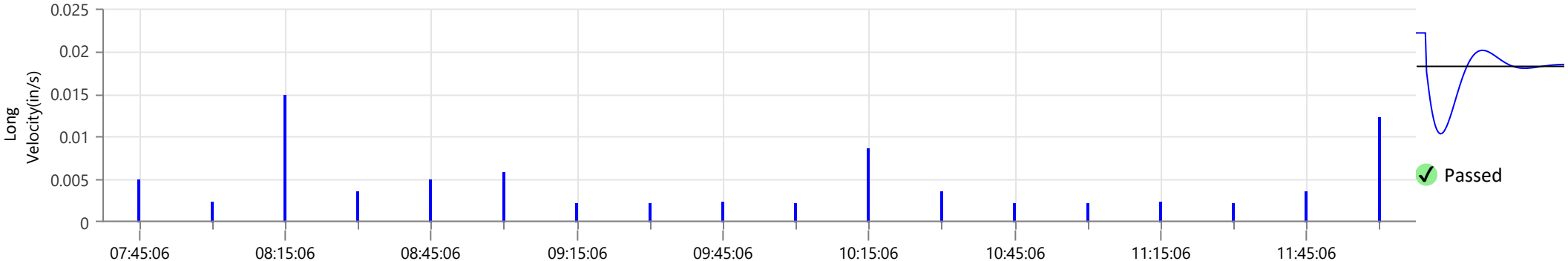
UM16684
Micromate ISEE 11.0BD
3.5 volts
July 26, 2025 by Instantel
UM16684_20261001073006.IDFH
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0186 in/s	0.0078 in/s	0.0149 in/s
Zero Crossing Frequency	25.6 Hz	22.3 Hz	25.6 Hz
Date	Oct 1, 2026	Oct 1, 2026	Oct 1, 2026
Time	08:15:06	08:15:06	08:15:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0237 in/s at October 1, 2026 08:15:06		





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

October 1, 2026 12:00:06
October 1, 2026 15:29:59
13.99/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

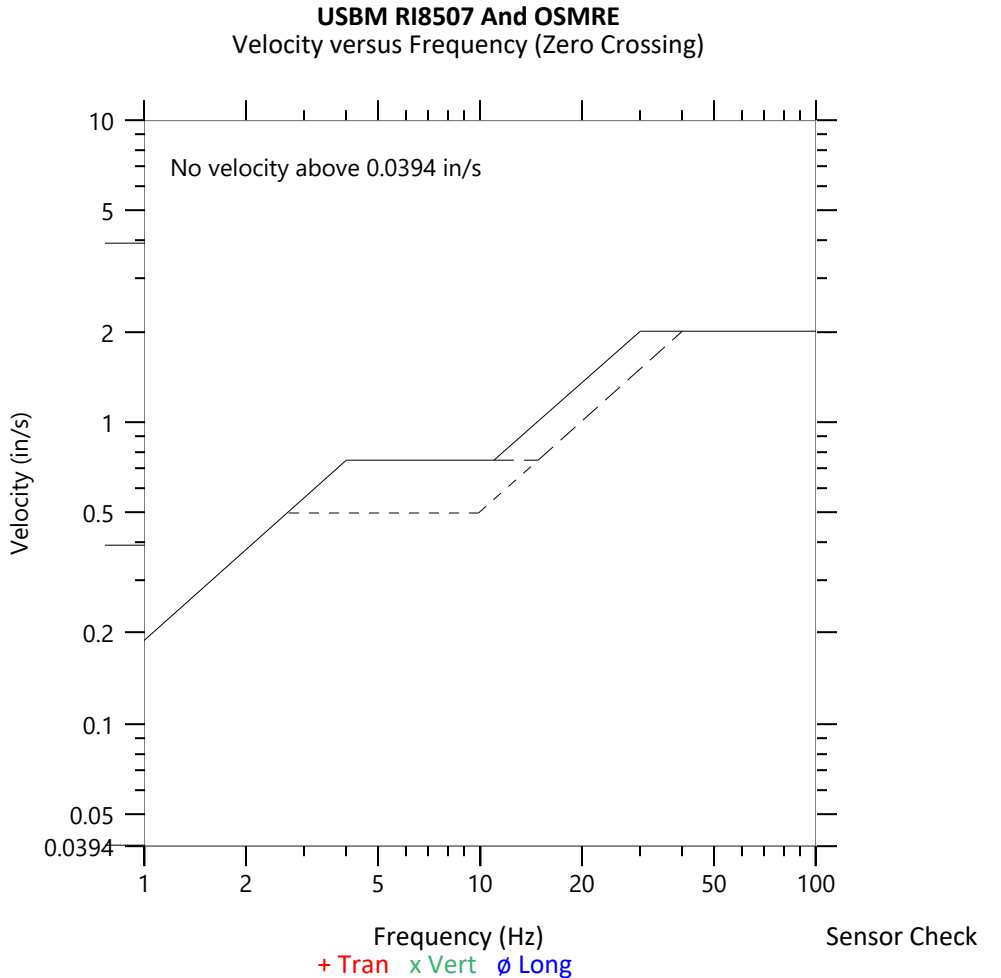
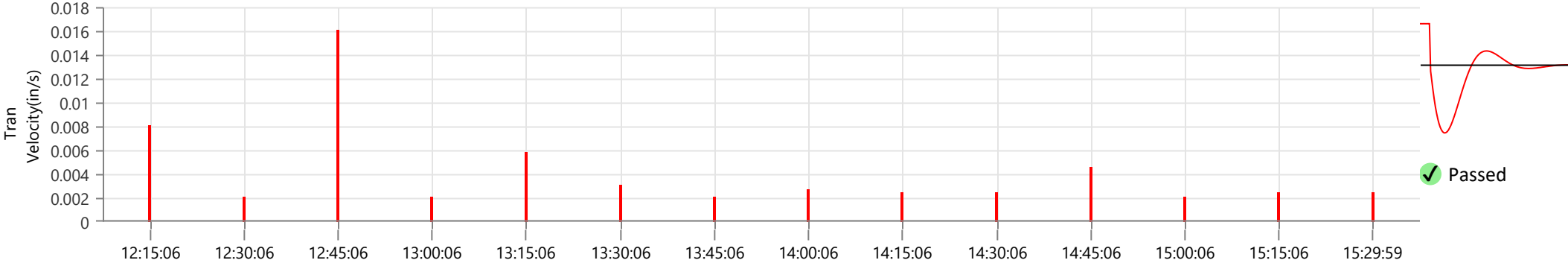
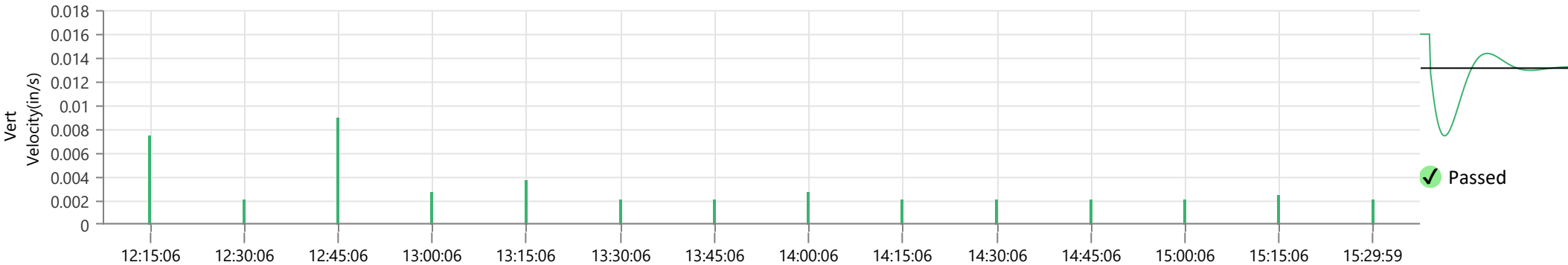
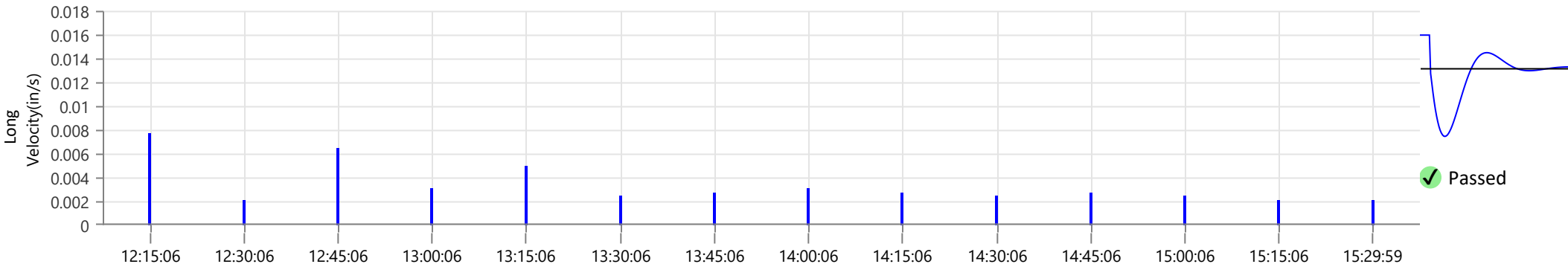
UM16684
Micromate ISEE 11.0BD
3.4 volts
July 26, 2025 by Instantel
UM16684_20261001120006.IDFH
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0161 in/s	0.0090 in/s	0.0078 in/s
Zero Crossing Frequency	46.5 Hz	51.2 Hz	85.3 Hz
Date	Oct 1, 2026	Oct 1, 2026	Oct 1, 2026
Time	12:45:06	12:45:06	12:15:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0193 in/s at October 1, 2026 12:45:06		





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

October 1, 2026 15:32:05
October 2, 2026 01:09:14
38.48/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

UM16684
Micromate ISEE 11.0BD
3.4 volts
July 26, 2025 by Instantel
UM16684_20261001153205.IDFH
Disabled

Notes
Location
Client
Company
General Notes

1019 W Washington St, Ann Arbor, MI
Gilbane Building Company
G2 Consulting Group, LLC
G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0320 in/s	0.0276 in/s	0.0211 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Oct 1, 2026	Oct 1, 2026	Oct 1, 2026
Time	19:02:05	19:02:05	19:02:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.7	4.6	4.1
Peak Vector Sum	0.0340 in/s at October 1, 2026 19:02:05		

