

	Vibration Monitoring Report Summary			
	Slauson Middle School Renovation and Addition	Project Number: 253121 Client: Ann Arbor Public Schools	Date: 10/21/26 to 10/25/26 Client Contact: Erik Bodker (Gilbane)	
	Project Address: 1019 W Washington St, Ann Arbor, MI 48103			
Micromate/Minimate Serial No. :		UM17586	Geophone Serial No.:	UM17586
Vibration Unit Location:	UM17586 - West side of school, next to property line behind 231 Buena Vista			
Maximum Peak Particle Velocity (PPV) (in/sec):			Frequency (Hz) at PPV:	
UM17586	0.1176 in/sec – Longitudinal channel on 10/23/2026 at 17:15:16		UM17586	30.1 Hz
Maximum Specified PPV (in/sec): 0.20				
Description of Construction Activities: General construction activities with the intent to establish a baseline vibration level during construction. Zero (0) vibration events occurred which exceeded the maximum specified peak particle velocity (PPV). On October 21, 2026, G2 replaced seismograph UM16684, which required service, with seismograph UM17586. Monitoring with the replacement unit began at approximately 12:40 PM; records made while the unit was being installed are not included. This report covers the partial week of October 21 through October 25.				
Reported By: RPC, P.E.			Reviewed By: MGD, P.E.	



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

October 21, 2026 12:40:39
October 21, 2026 15:29:59
11.29/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

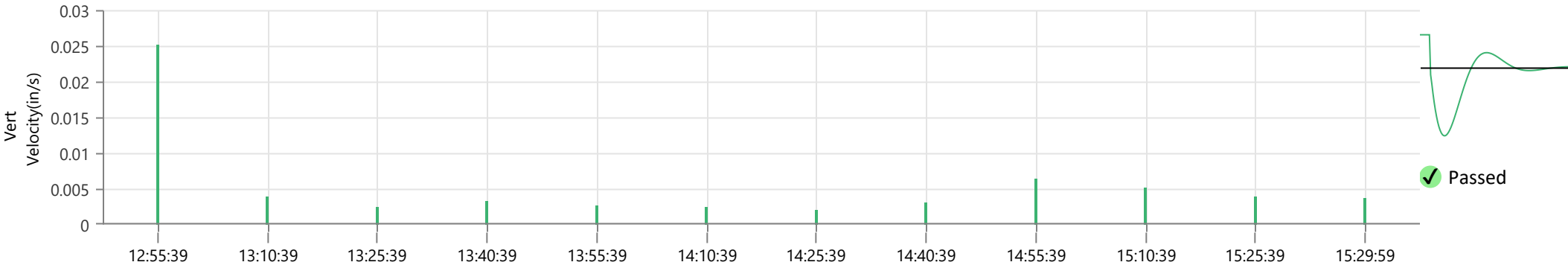
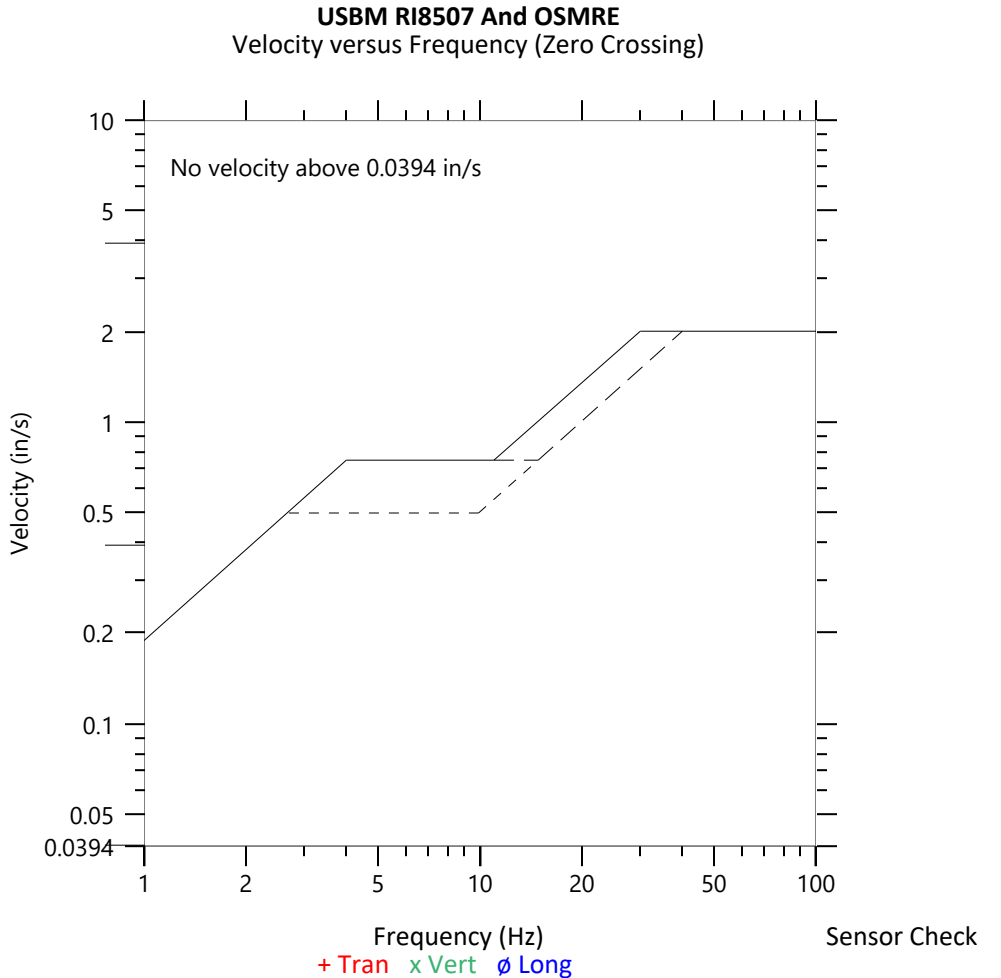
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261021124039.IDFH
Disabled

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	0.0270 in/s	0.0251 in/s	0.0155 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Oct 21, 2026	Oct 21, 2026	Oct 21, 2026
Time	12:55:39	12:55:39	12:55:39
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.9	4.3	4.7
Peak Vector Sum	0.0349 in/s at October 21, 2026 12:55:39		





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

October 21, 2026 15:30:16
October 22, 2026 07:29:59
63.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

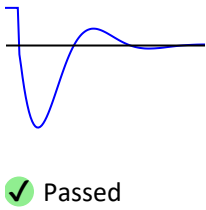
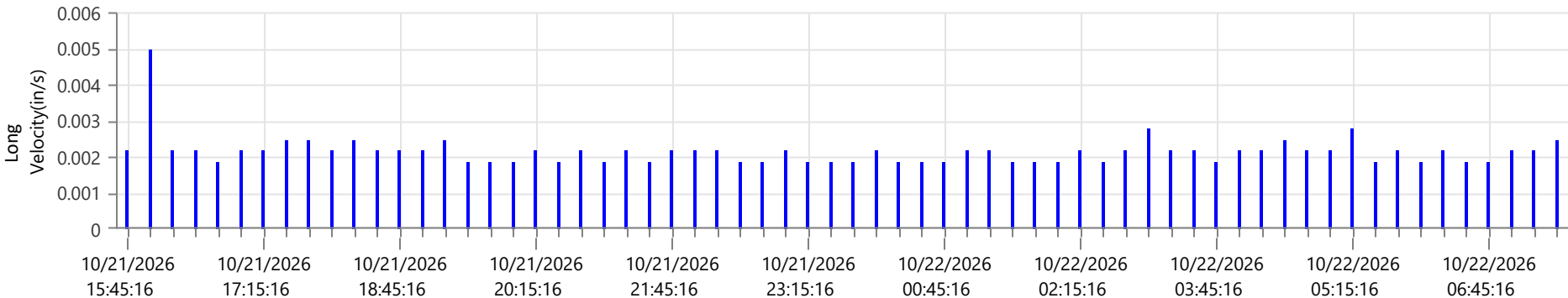
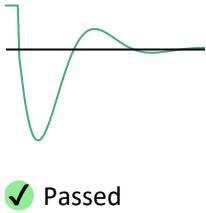
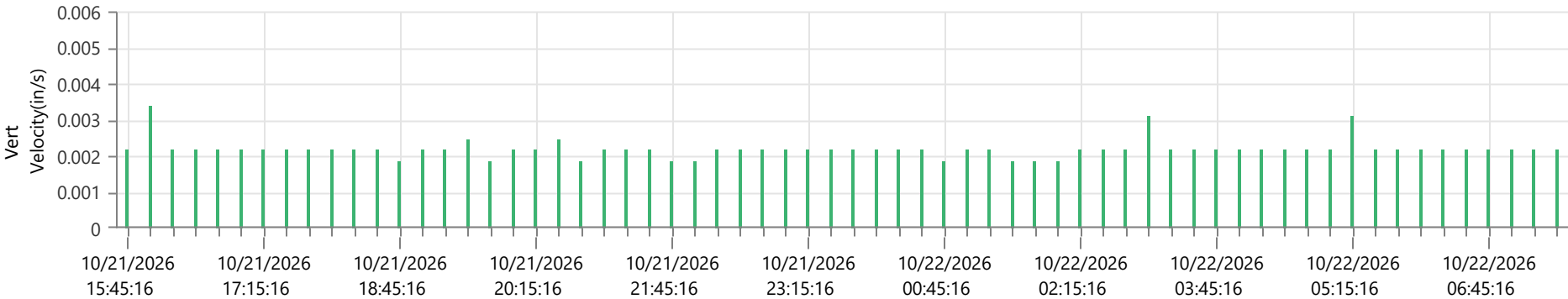
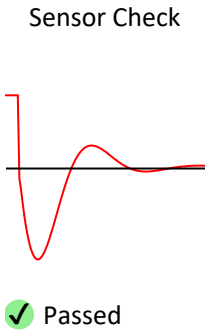
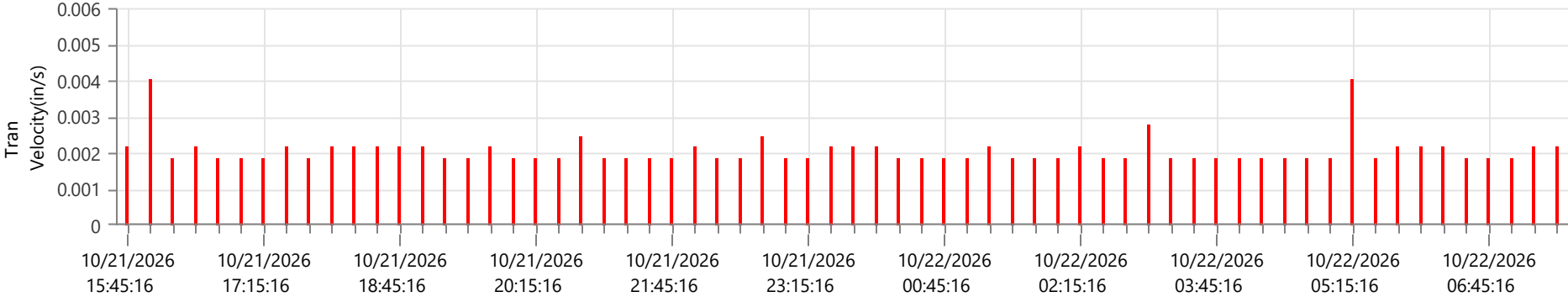
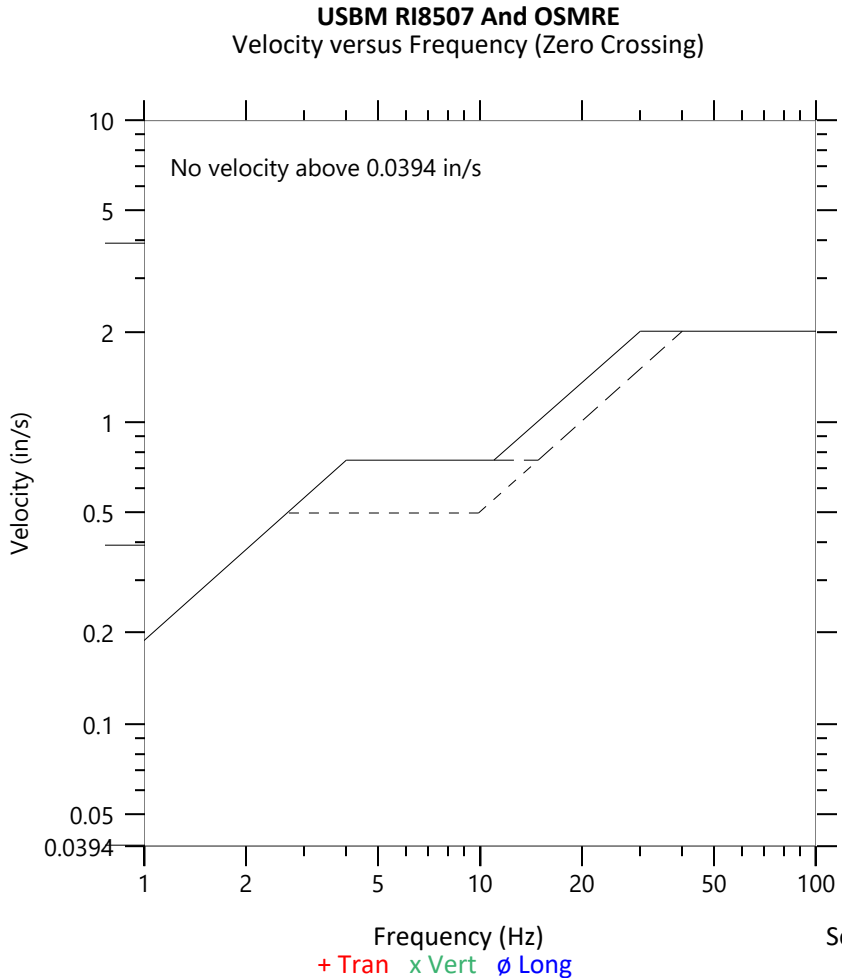
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261021153016.IDFH
Disabled

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	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	18.3 Hz	16.5 Hz	18.3 Hz
Date	Oct 21, 2026	Oct 21, 2026	Oct 21, 2026
Time	16:00:16	16:00:16	16:00:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0058 in/s at October 22, 2026 05:15:16		





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

October 22, 2026 07:30:17
October 22, 2026 11:59:59
17.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

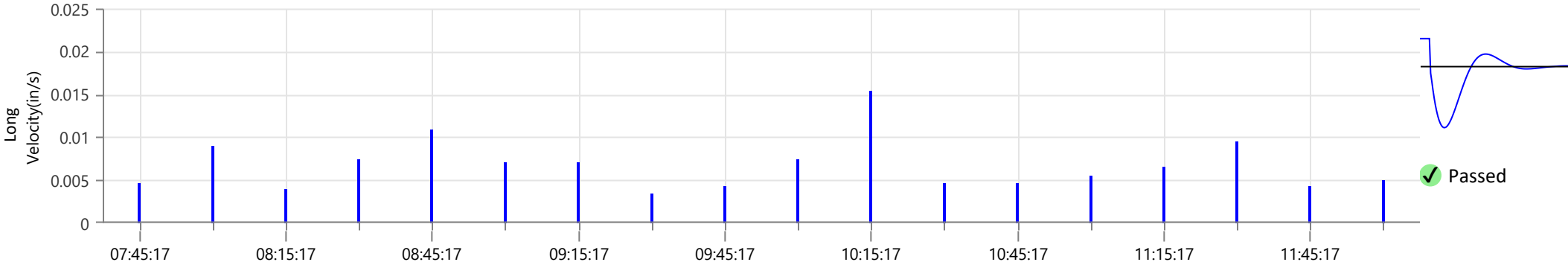
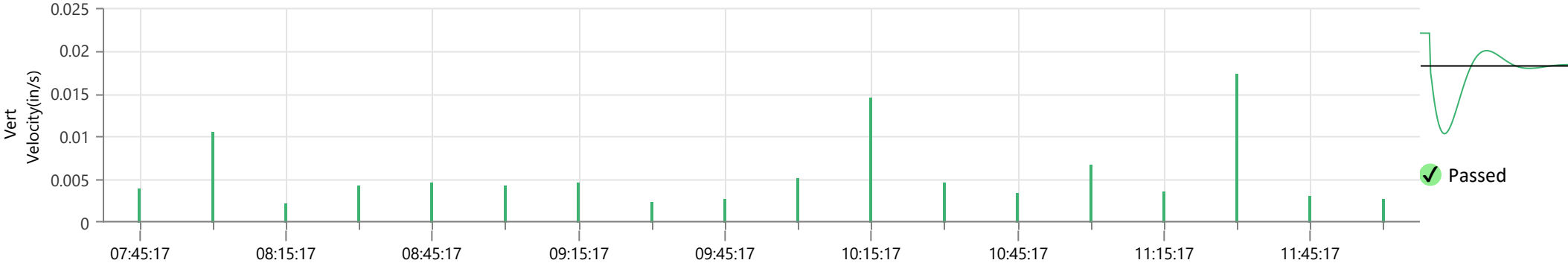
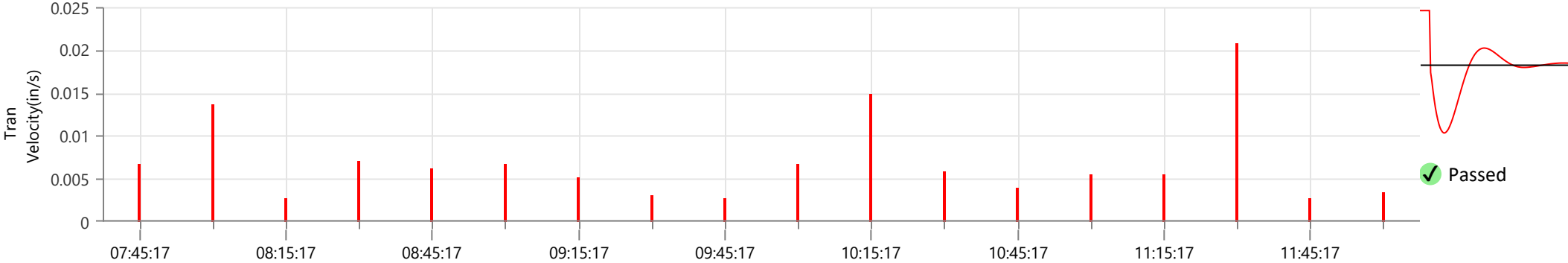
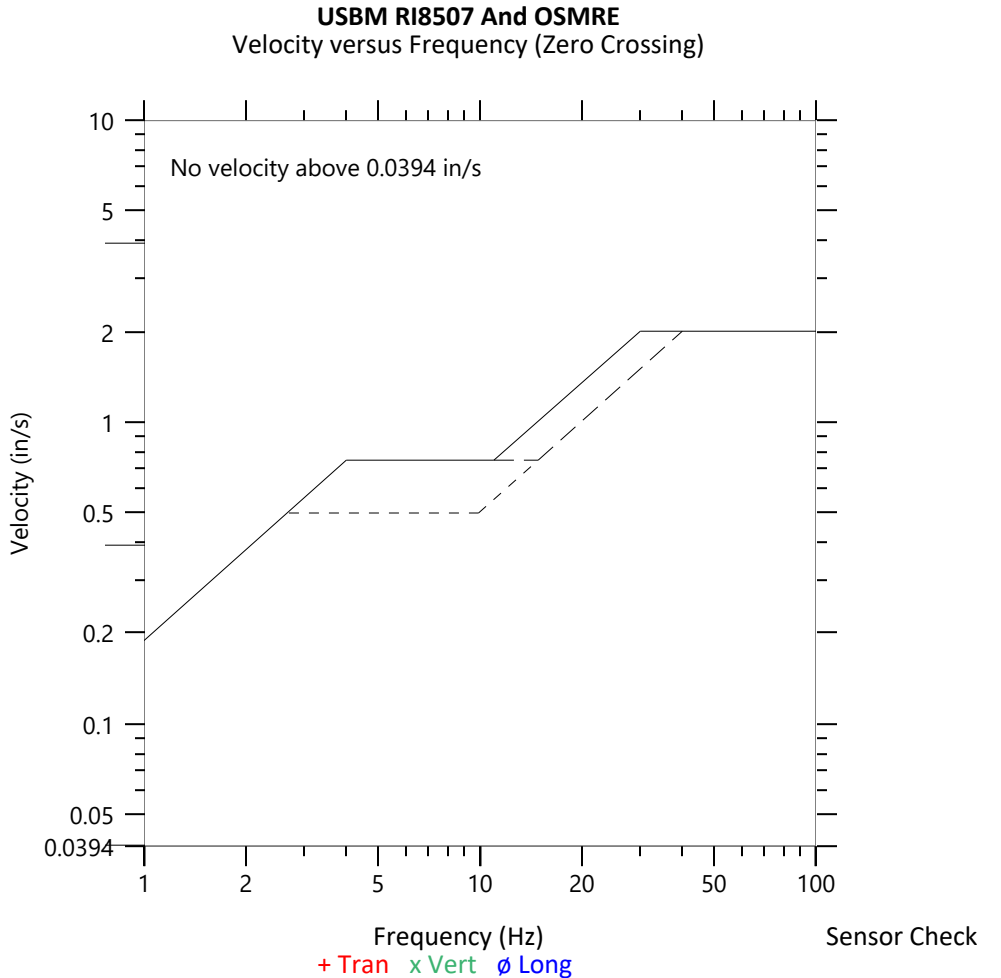
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261022073017.IDFH
Disabled

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	0.0208 in/s	0.0174 in/s	0.0155 in/s
Zero Crossing Frequency	51.2 Hz	64.0 Hz	36.6 Hz
Date	Oct 22, 2026	Oct 22, 2026	Oct 22, 2026
Time	11:30:17	11:30:17	10:15:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0240 in/s at October 22, 2026 11:30:17		





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

October 22, 2026 12:00:17
October 22, 2026 15:29:59
13.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

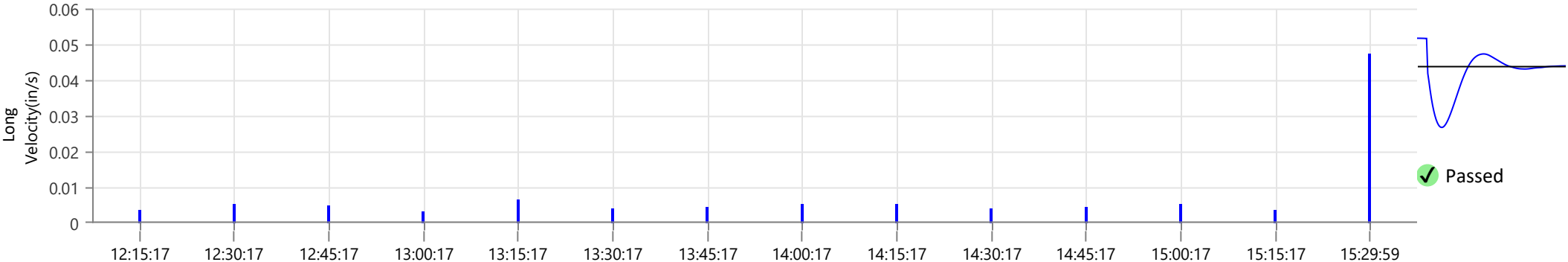
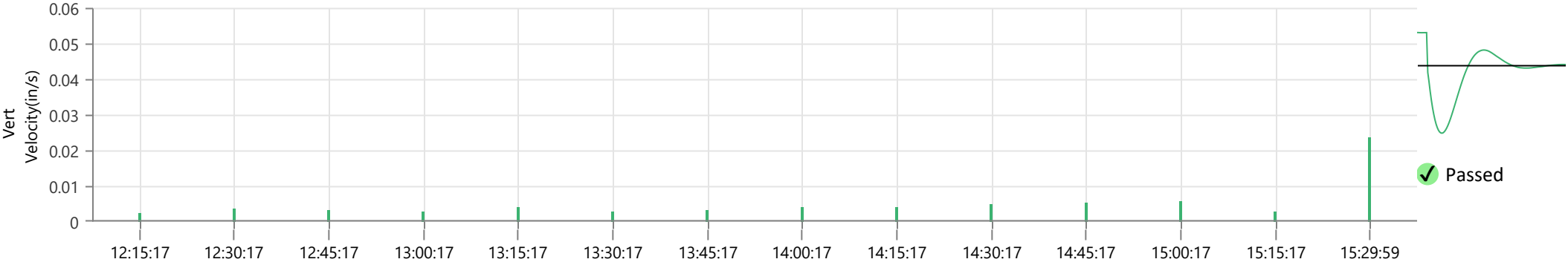
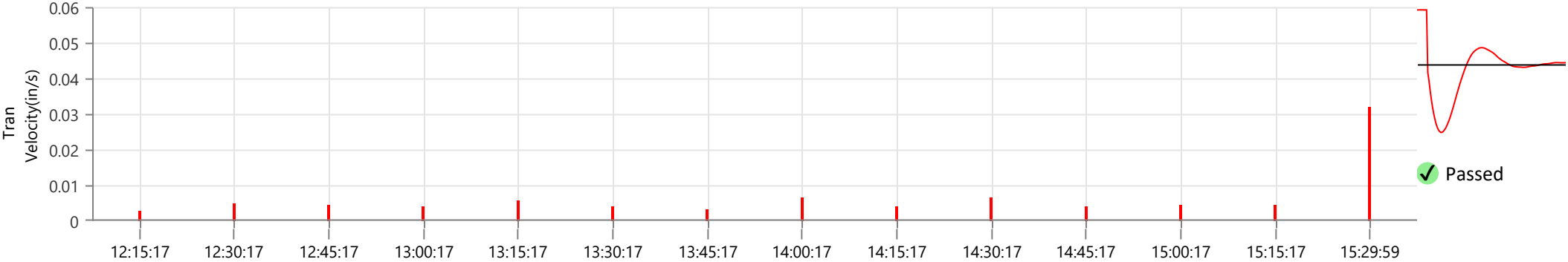
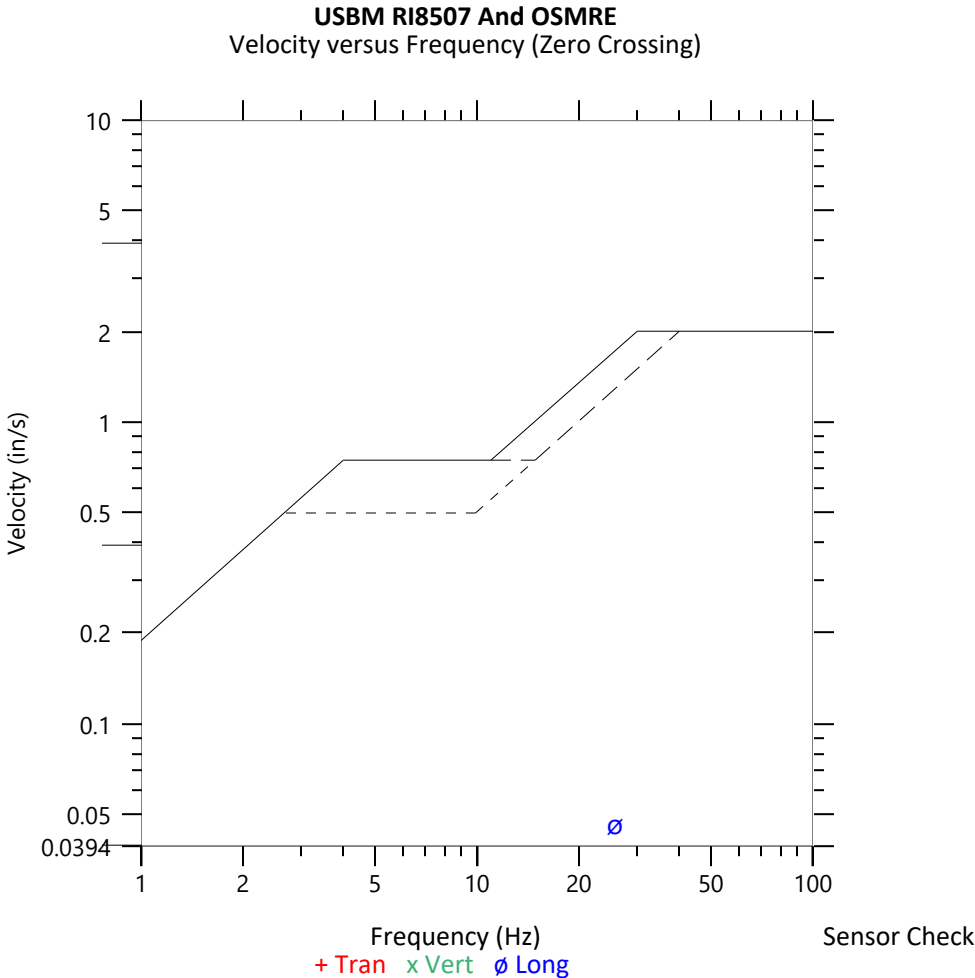
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261022120017.IDFH
Disabled

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	0.0323 in/s	0.0239 in/s	0.0475 in/s
Zero Crossing Frequency	24.4 Hz	19.0 Hz	25.6 Hz
Date	Oct 22, 2026	Oct 22, 2026	Oct 22, 2026
Time	15:29:59	15:29:59	15:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.9	4.3	4.7
Peak Vector Sum	0.0572 in/s at October 22, 2026 15:30:17		





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

October 22, 2026 15:30:17
October 23, 2026 07:29:59
63.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

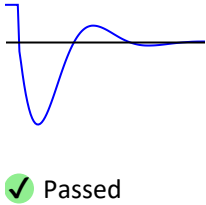
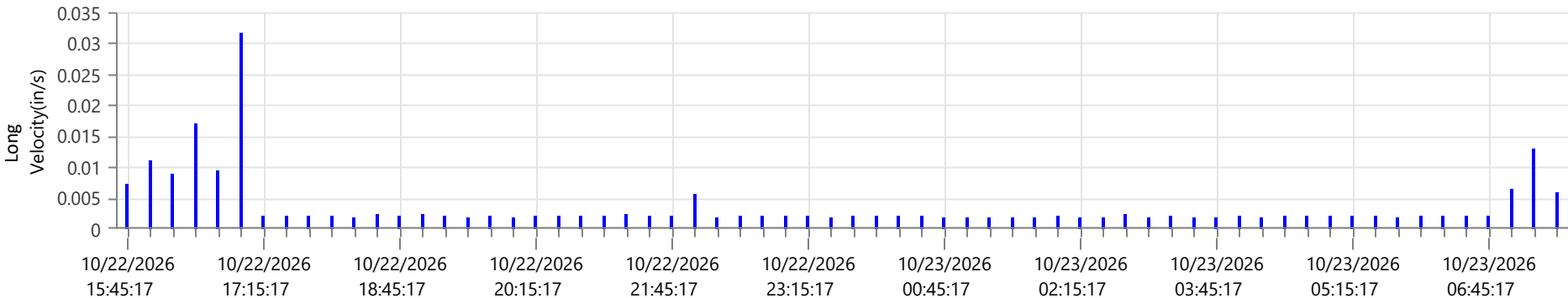
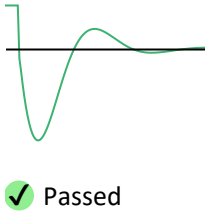
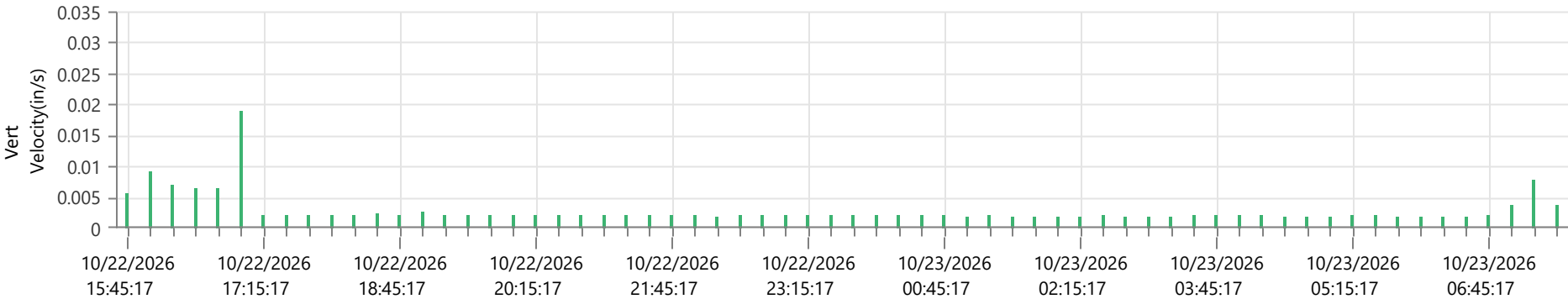
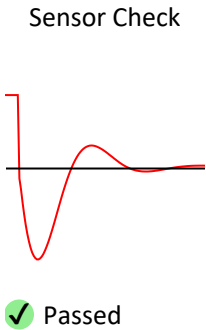
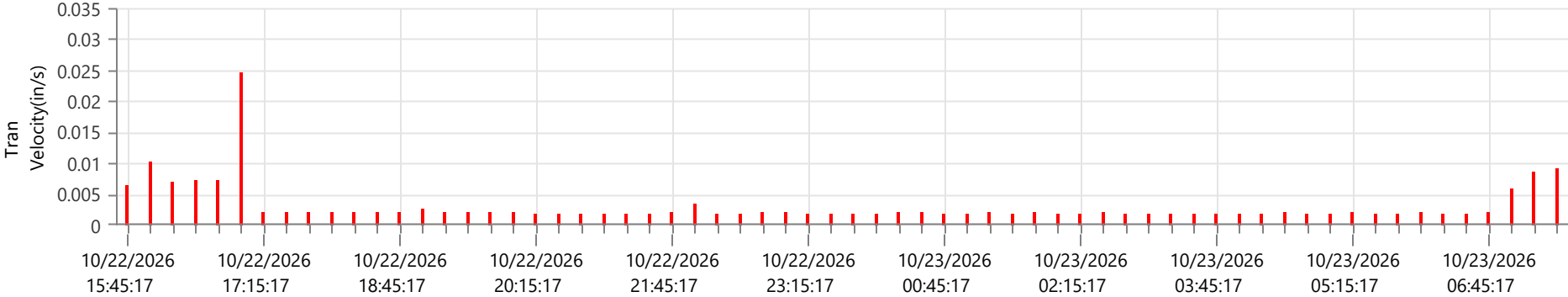
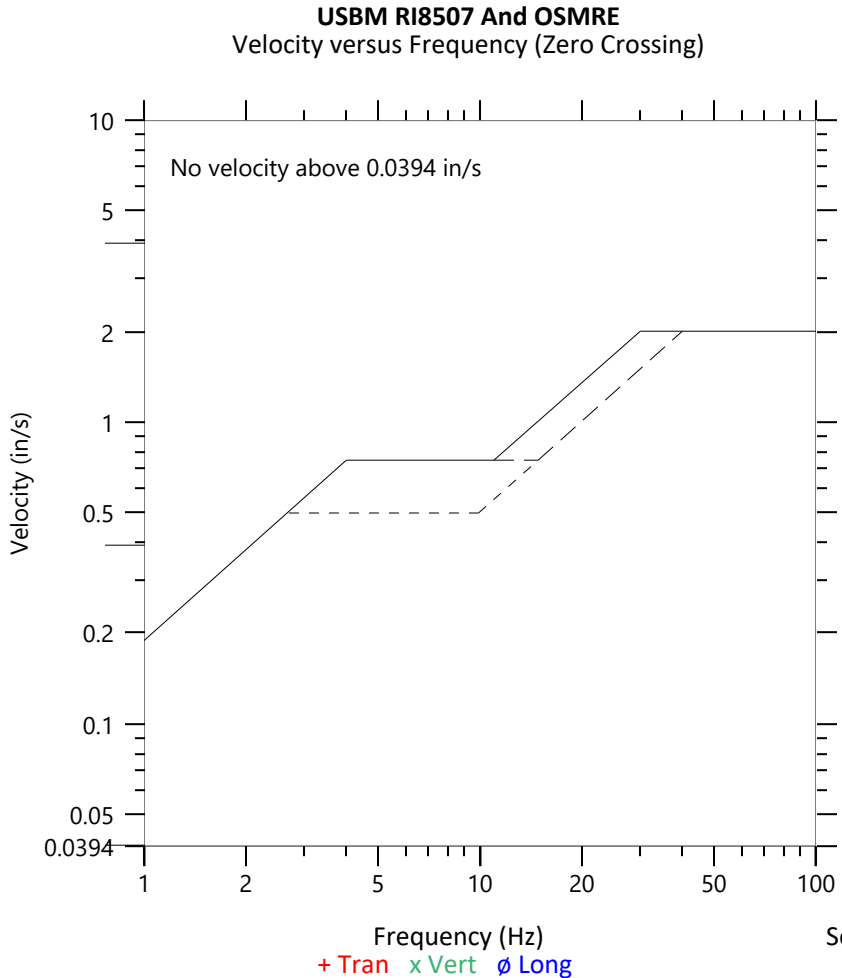
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261022153017.IDFH
Disabled

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	0.0248 in/s	0.0189 in/s	0.0317 in/s
Zero Crossing Frequency	25.6 Hz	11.4 Hz	46.5 Hz
Date	Oct 22, 2026	Oct 22, 2026	Oct 22, 2026
Time	17:00:17	17:00:17	17:00:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0347 in/s at October 22, 2026 17:00:17		





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

October 23, 2026 07:30:17
October 23, 2026 11:59:59
17.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

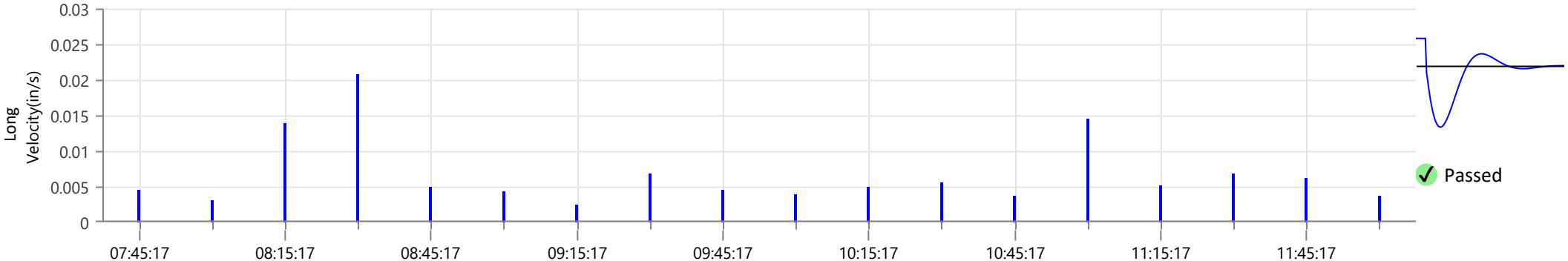
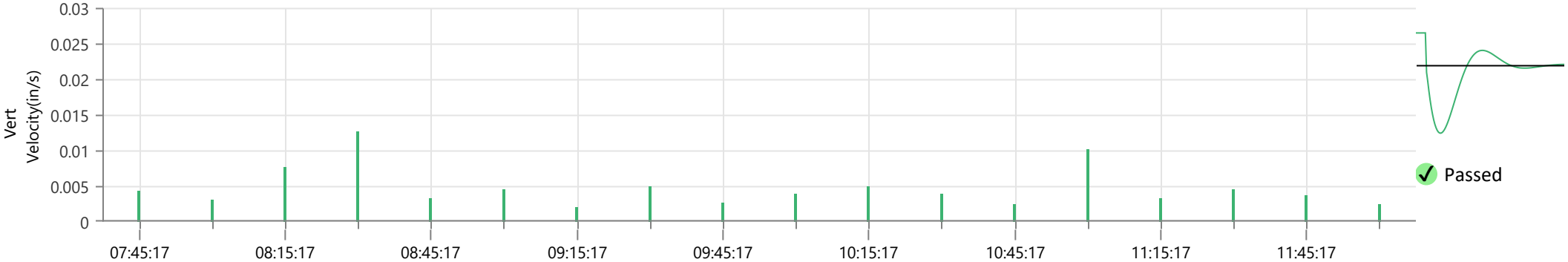
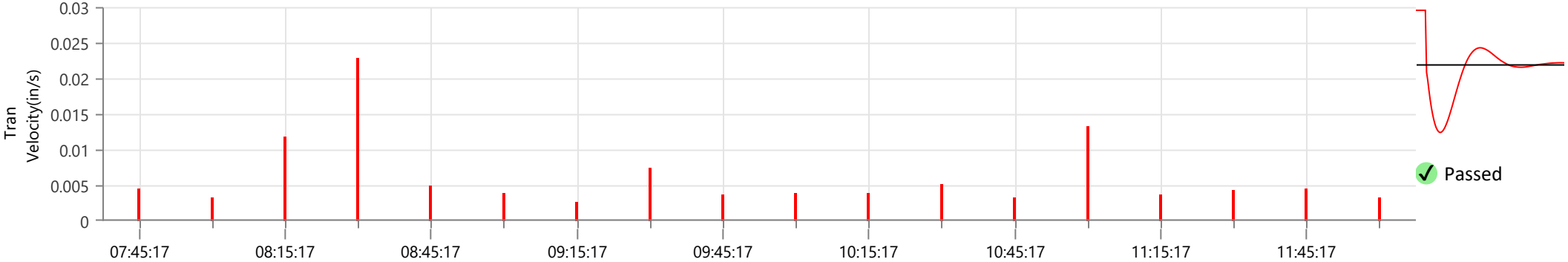
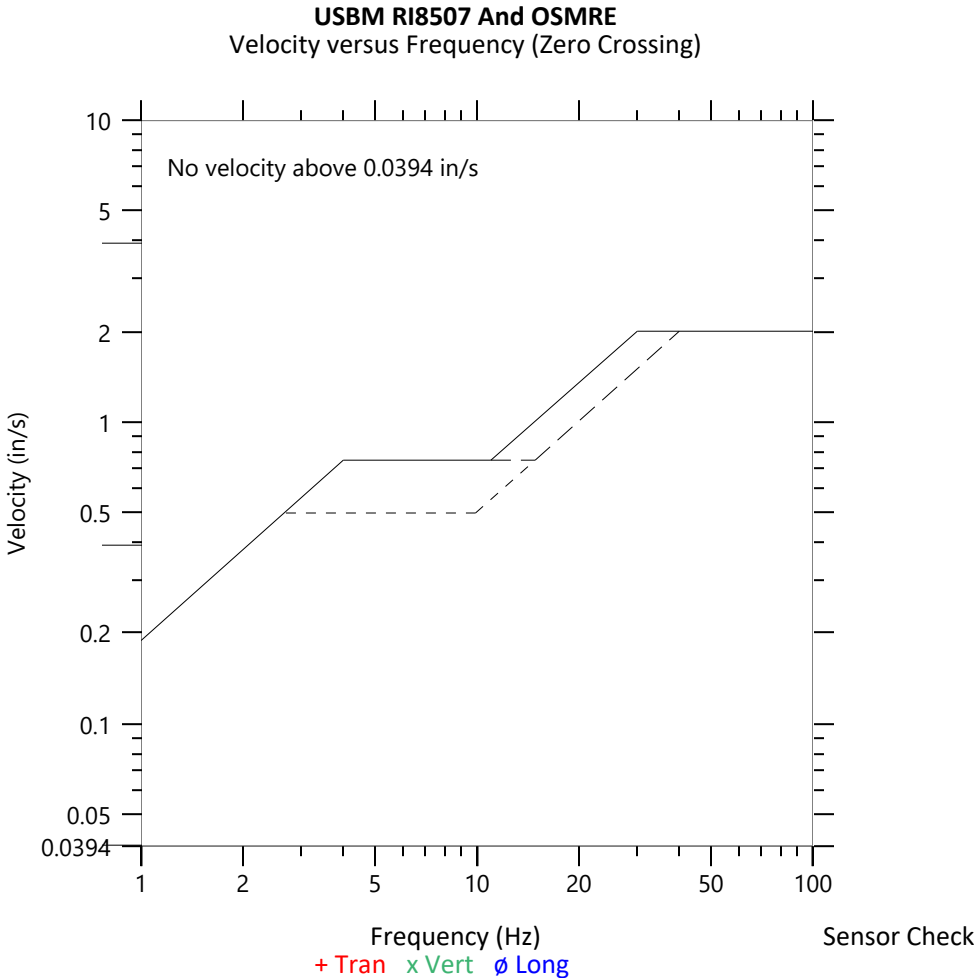
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261023073017.IDFH
Disabled

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	0.0230 in/s	0.0127 in/s	0.0208 in/s
Zero Crossing Frequency	24.4 Hz	17.1 Hz	24.4 Hz
Date	Oct 23, 2026	Oct 23, 2026	Oct 23, 2026
Time	08:30:17	08:30:17	08:30:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0277 in/s at October 23, 2026 08:30:17		





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

October 23, 2026 12:00:19
October 23, 2026 15:29:59
13.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

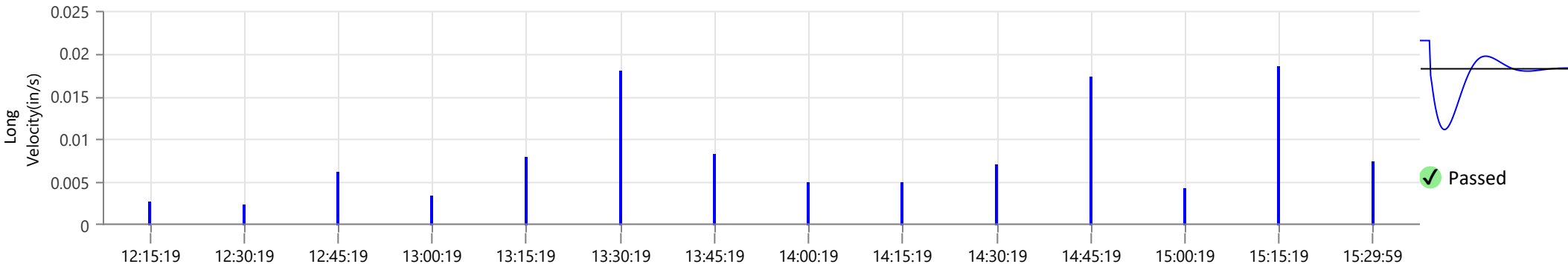
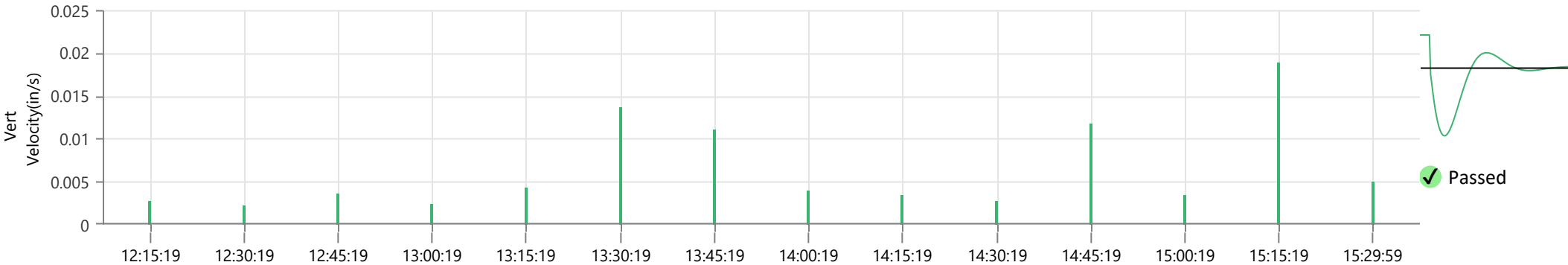
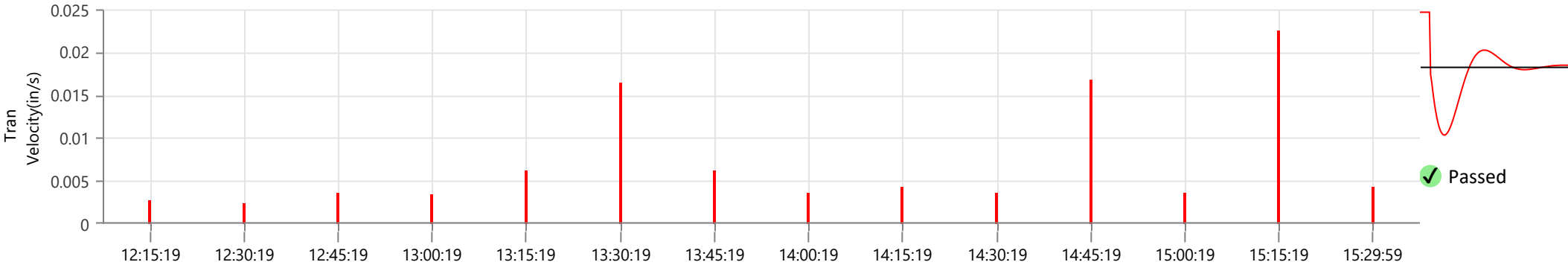
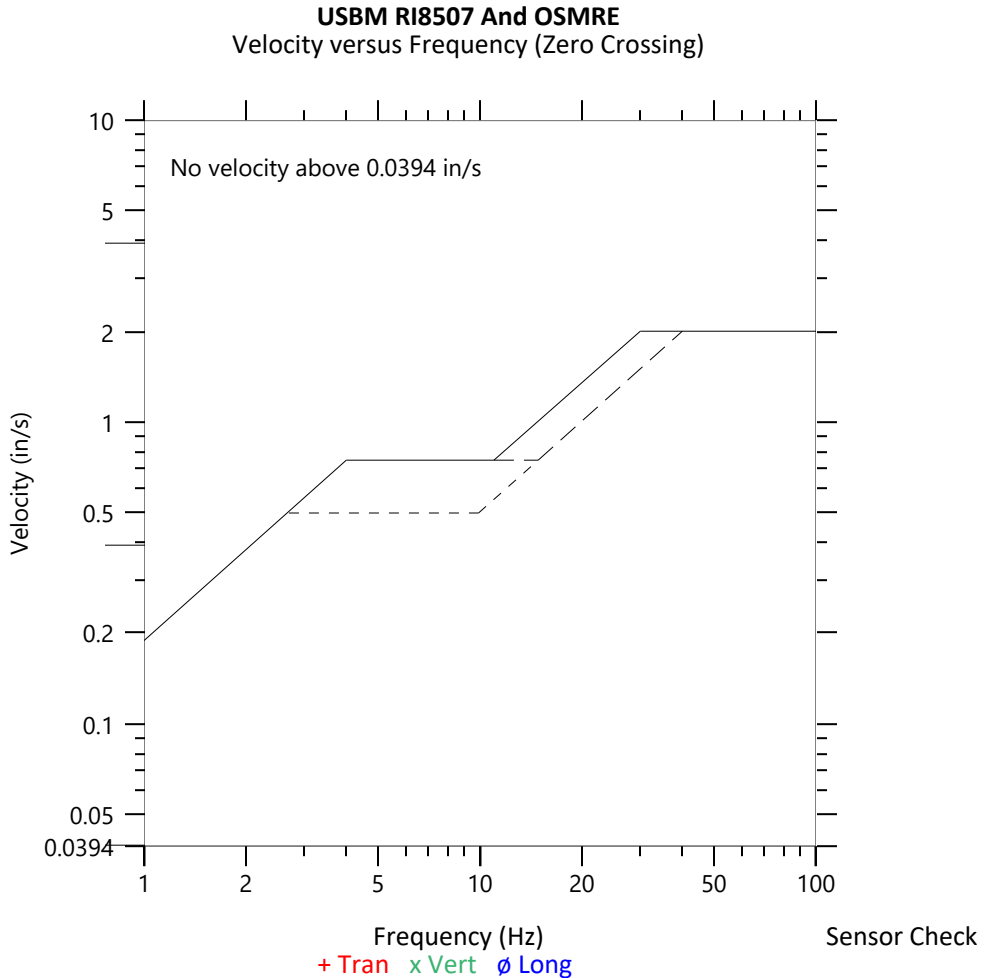
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261023120019.IDFH
Disabled

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	0.0227 in/s	0.0189 in/s	0.0186 in/s
Zero Crossing Frequency	42.7 Hz	46.5 Hz	39.4 Hz
Date	Oct 23, 2026	Oct 23, 2026	Oct 23, 2026
Time	15:15:19	15:15:19	15:15:19
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.3	4.8
Peak Vector Sum	0.0238 in/s at October 23, 2026 15:15:19		





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

October 23, 2026 15:30:16
October 24, 2026 07:29:59
63.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

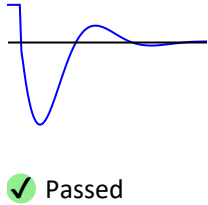
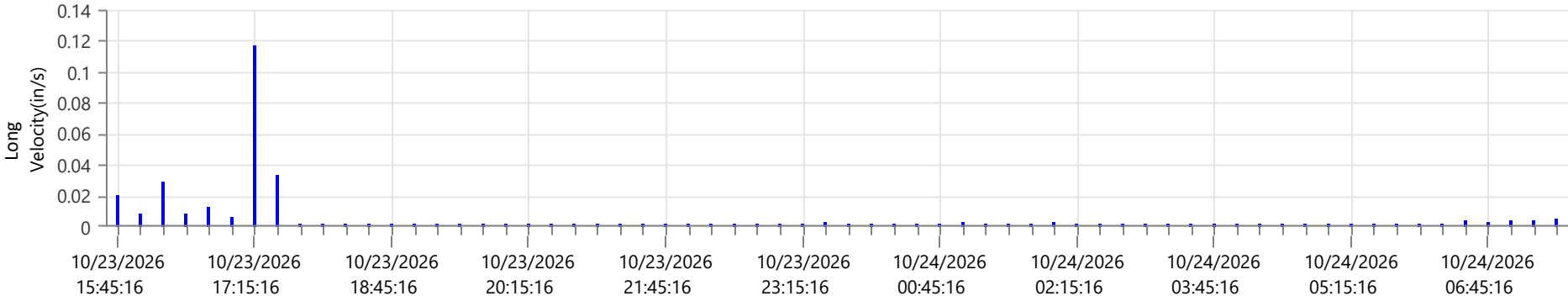
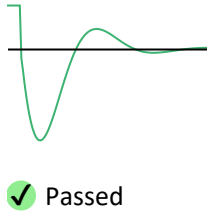
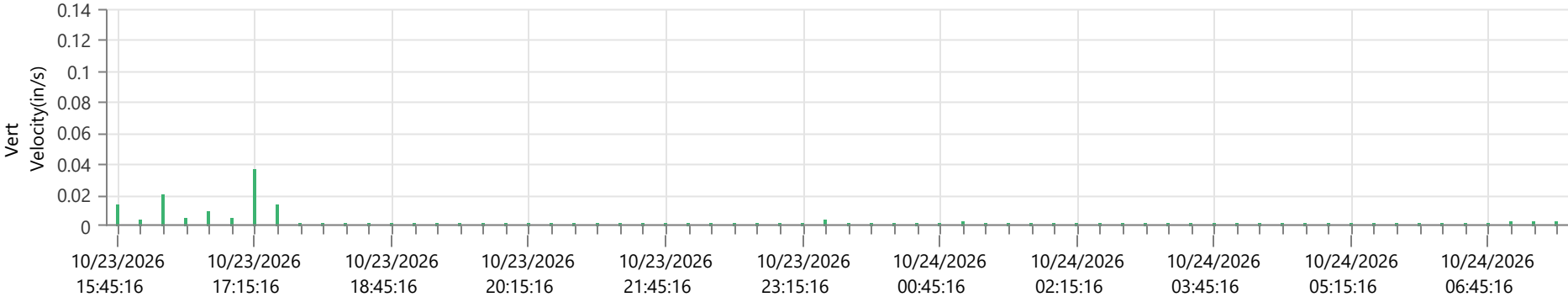
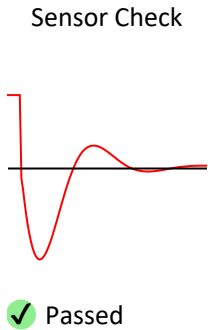
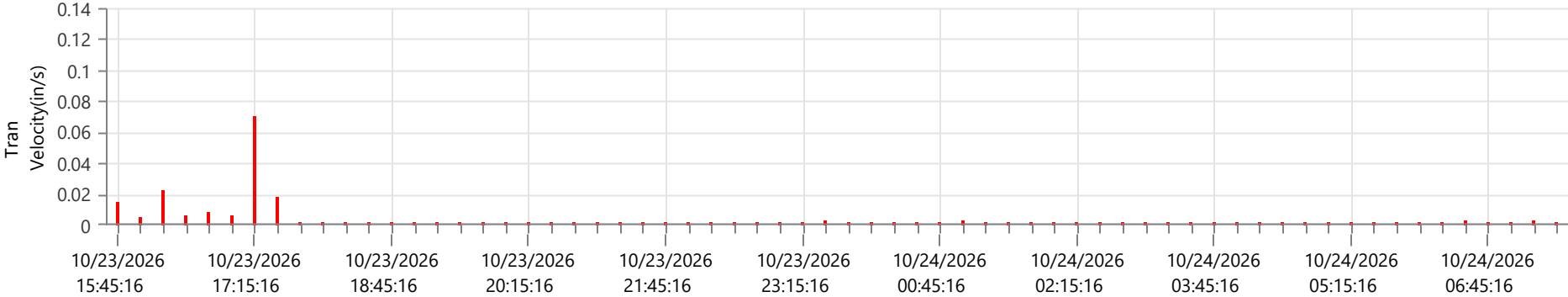
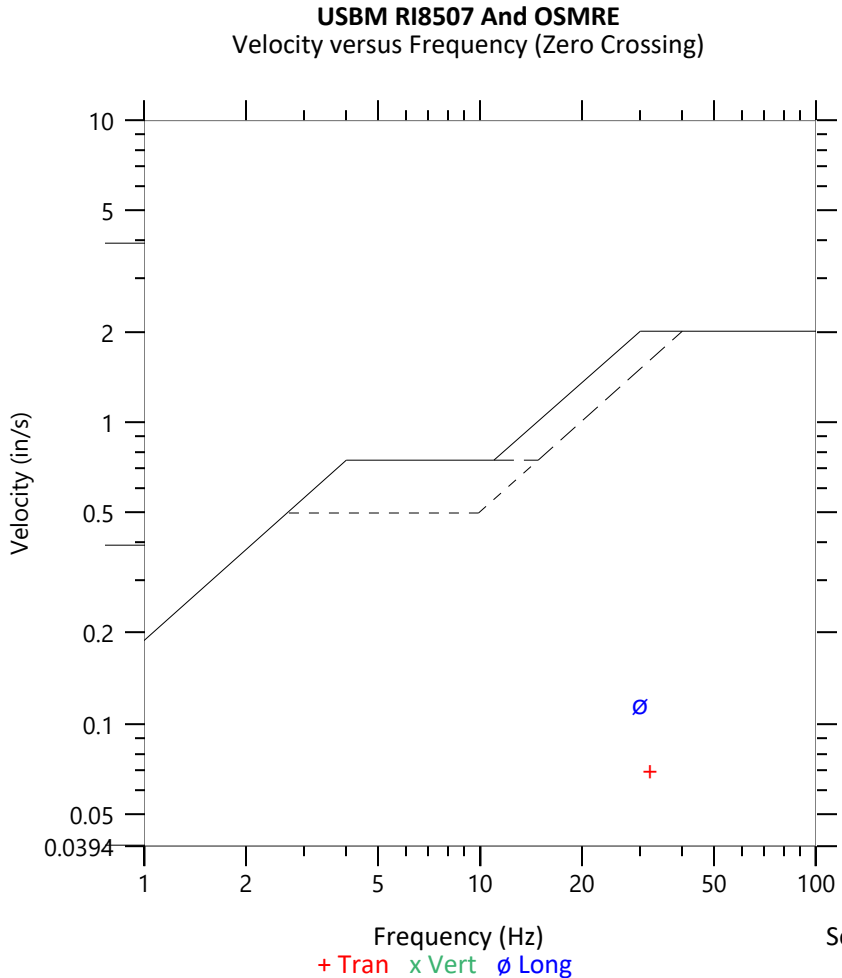
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261023153016.IDFH
Disabled

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	0.0711 in/s	0.0369 in/s	0.1176 in/s
Zero Crossing Frequency	32.0 Hz	34.1 Hz	30.1 Hz
Date	Oct 23, 2026	Oct 23, 2026	Oct 23, 2026
Time	17:15:16	17:15:16	17:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.1379 in/s at October 23, 2026 17:15:16		





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

October 24, 2026 07:30:22
October 24, 2026 11:59:59
17.97/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

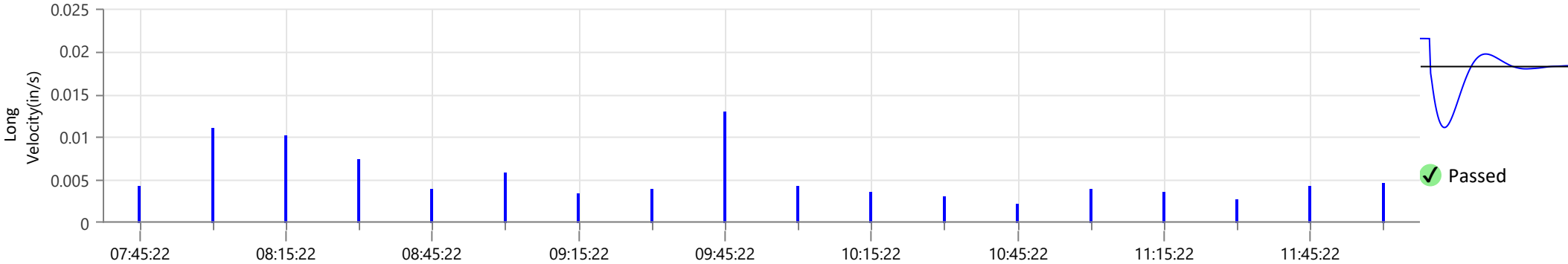
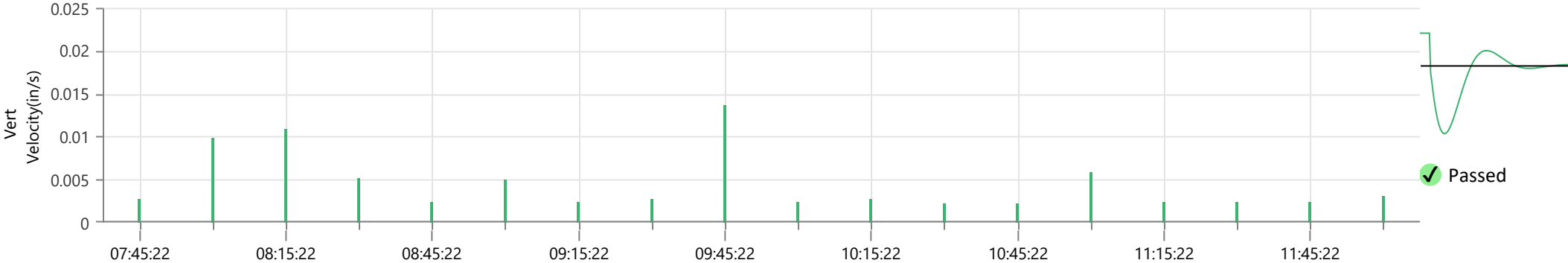
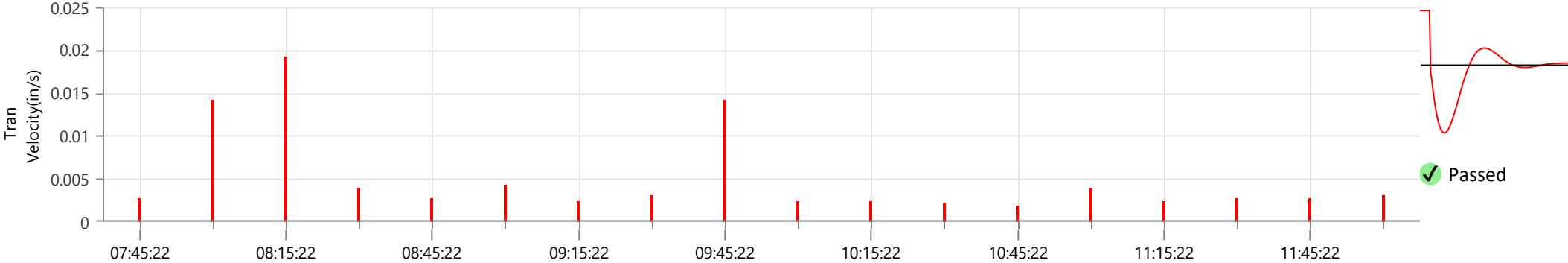
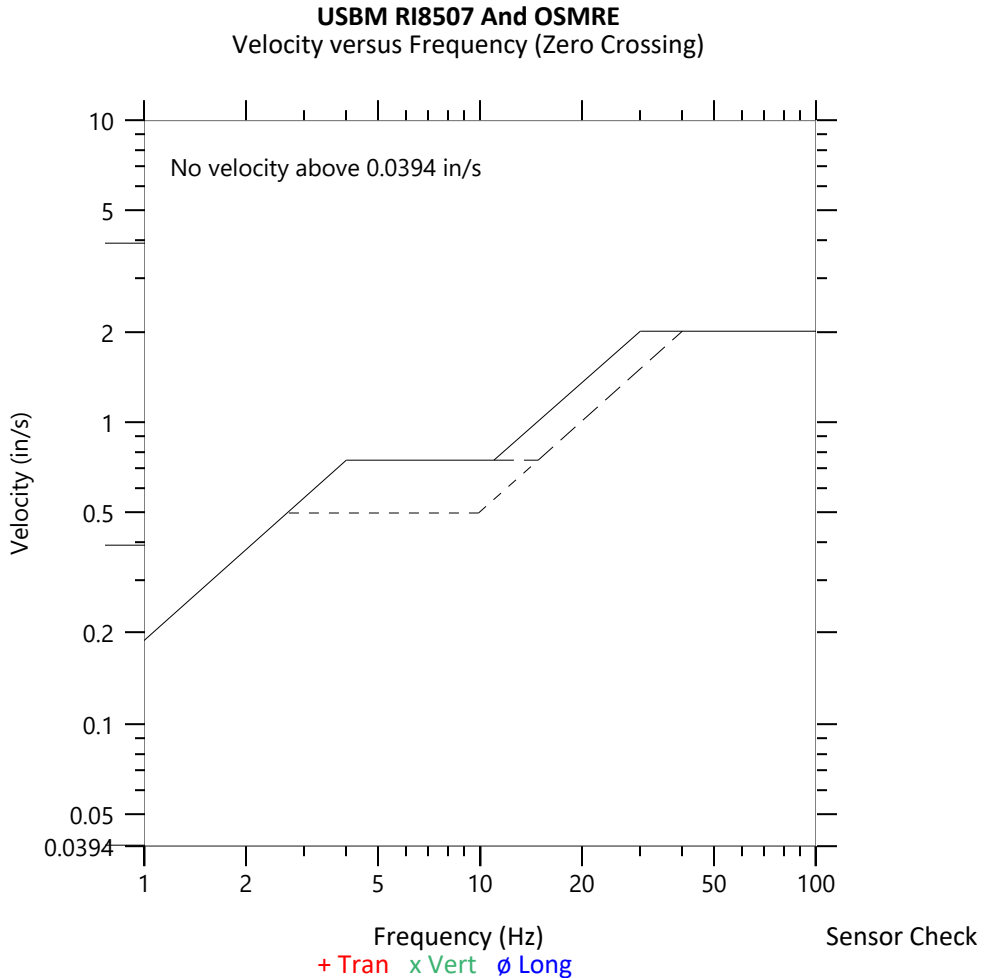
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261024073022.IDFH
Disabled

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	0.0192 in/s	0.0137 in/s	0.0130 in/s
Zero Crossing Frequency	24.4 Hz	>100 Hz	39.4 Hz
Date	Oct 24, 2026	Oct 24, 2026	Oct 24, 2026
Time	08:15:22	09:45:22	09:45:22
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0194 in/s at October 24, 2026 08:15:22		





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

October 24, 2026 12:00:17
October 24, 2026 15:29:59
13.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

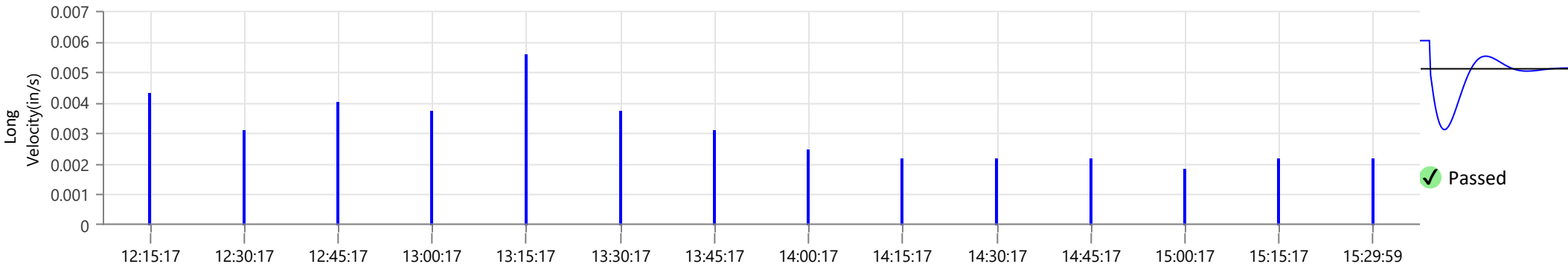
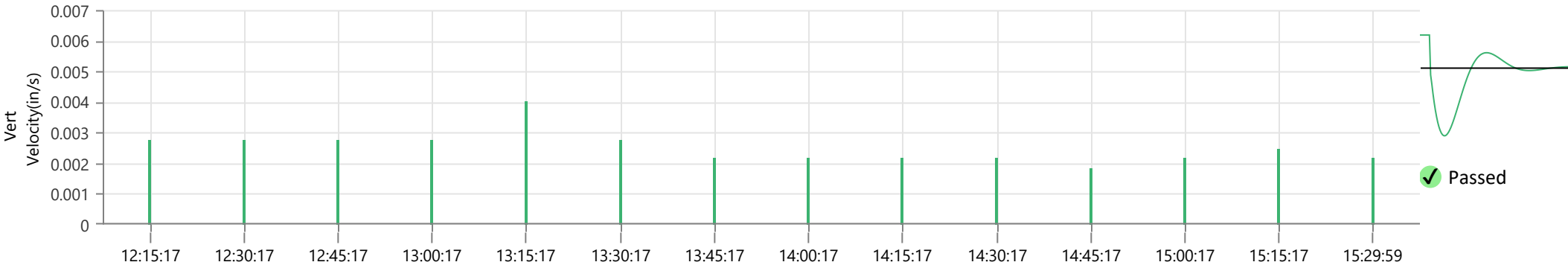
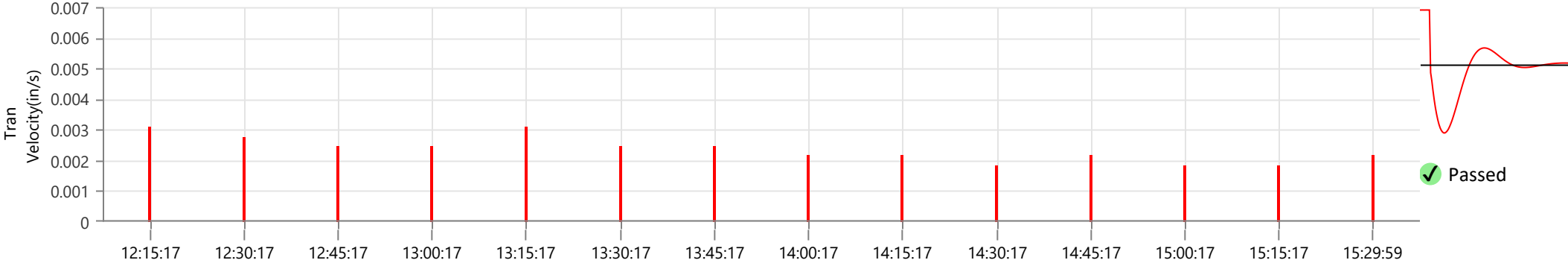
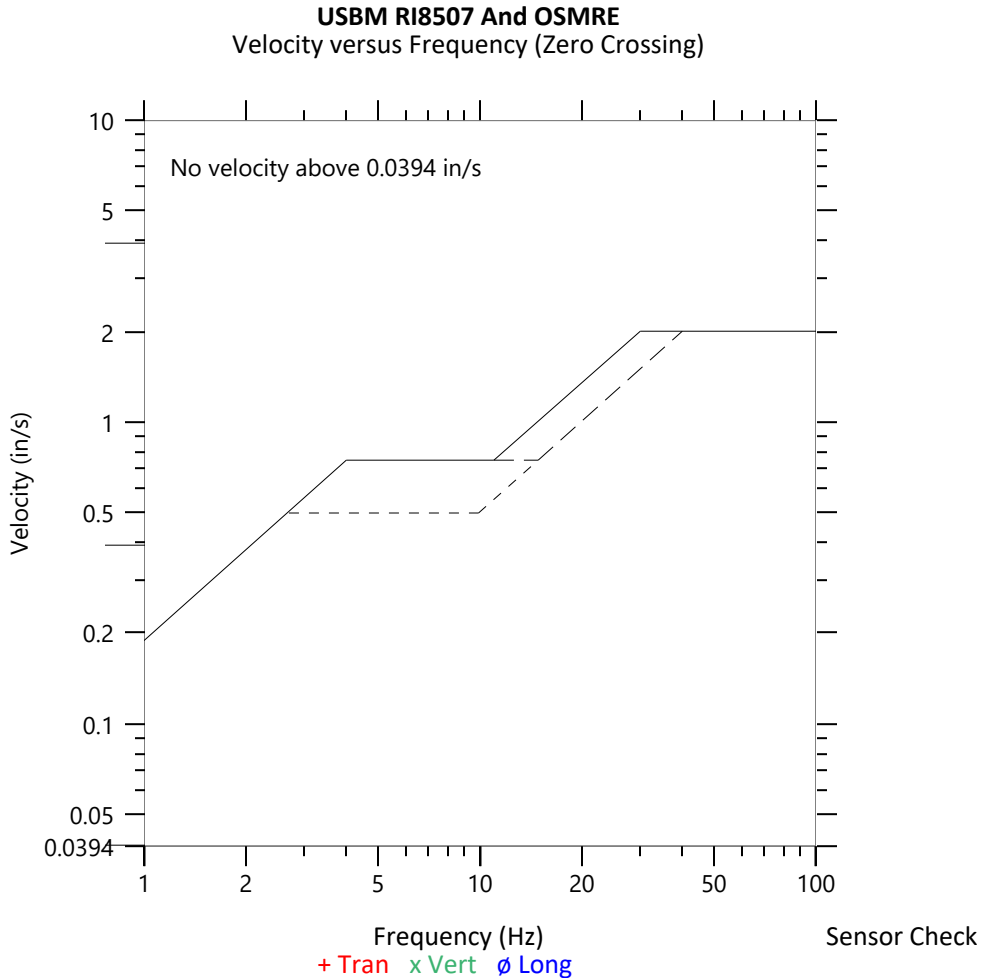
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261024120017.IDFH
Disabled

Notes
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1019 W Washington St, Ann Arbor, MI
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G2 No. 253121

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	0.0056 in/s
Zero Crossing Frequency	34.1 Hz	24.4 Hz	26.9 Hz
Date	Oct 24, 2026	Oct 24, 2026	Oct 24, 2026
Time	12:15:17	13:15:17	13:15:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.9	4.3	4.8
Peak Vector Sum	0.0063 in/s at October 24, 2026 13:15:17		





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

October 24, 2026 15:30:16
October 25, 2026 07:29:59
63.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

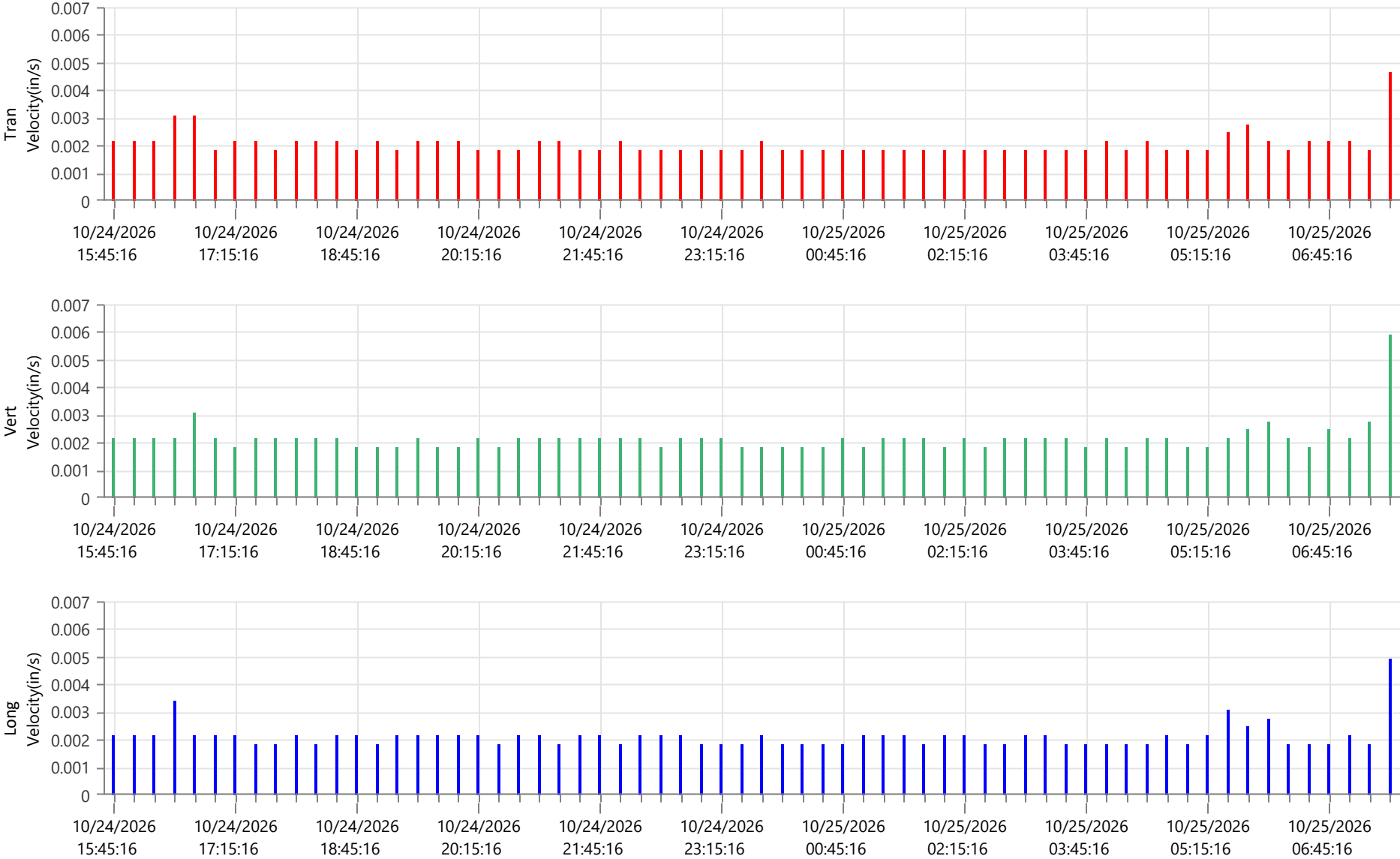
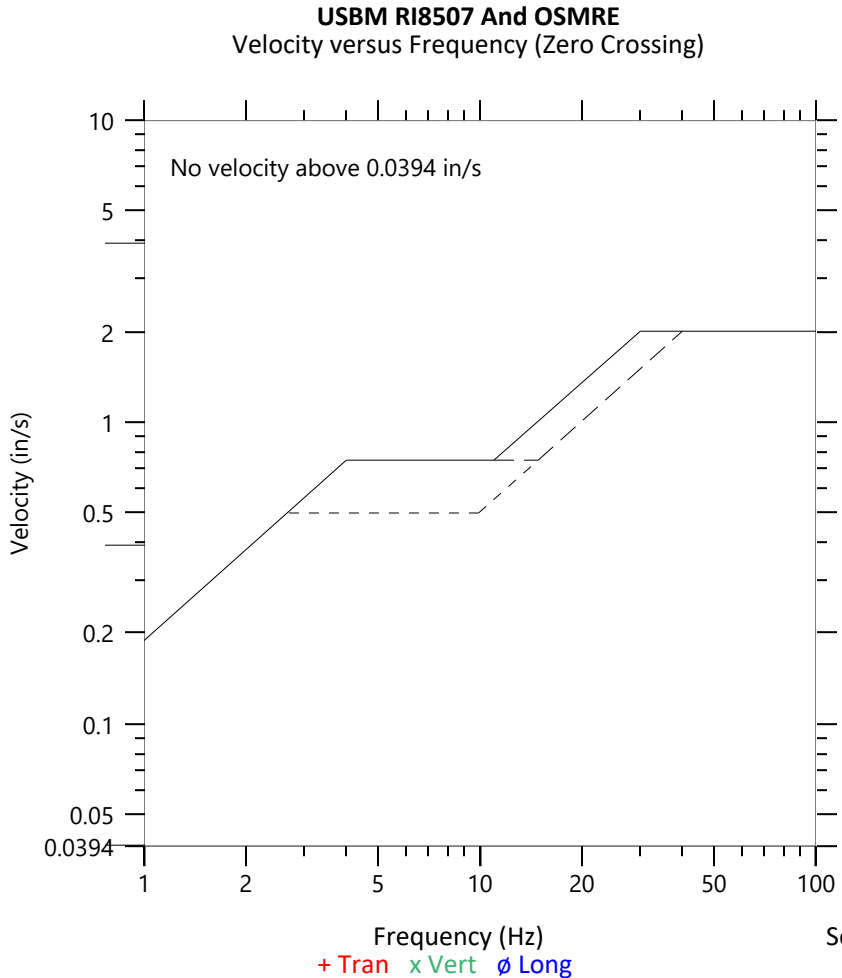
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261024153016.IDFH
Disabled

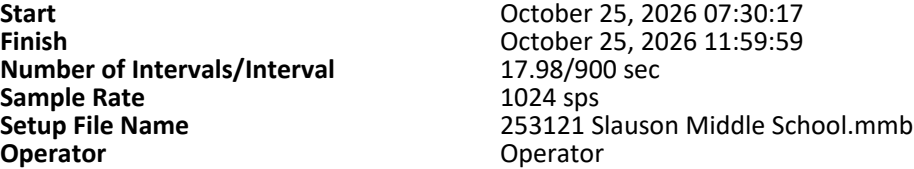
Notes
Location
Client
Company
General Notes

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	<0.005 in/s	0.0059 in/s	<0.005 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Oct 25, 2026	Oct 25, 2026	Oct 25, 2026
Time	07:29:59	07:29:59	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0070 in/s at October 25, 2026 07:30:16		





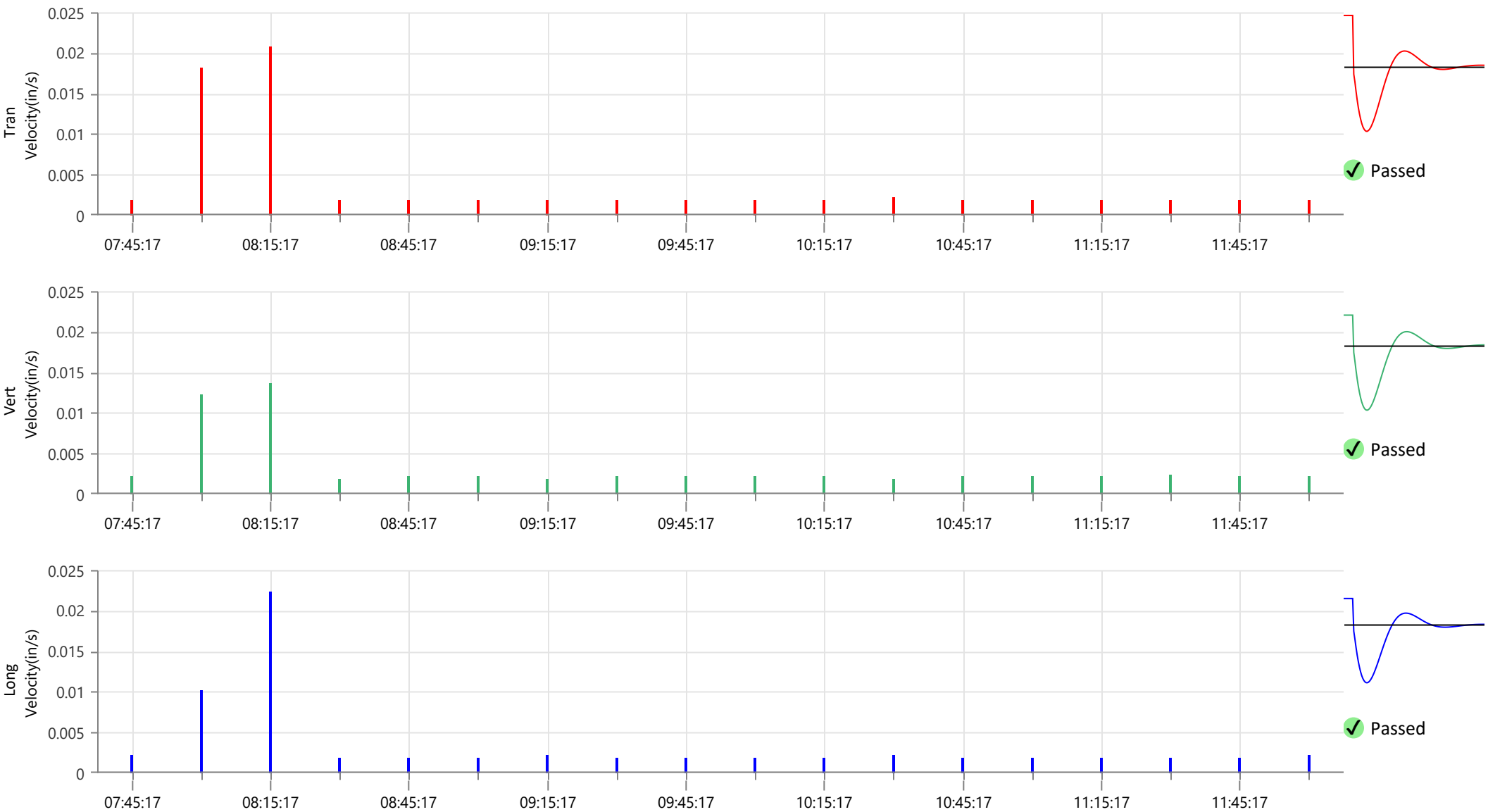
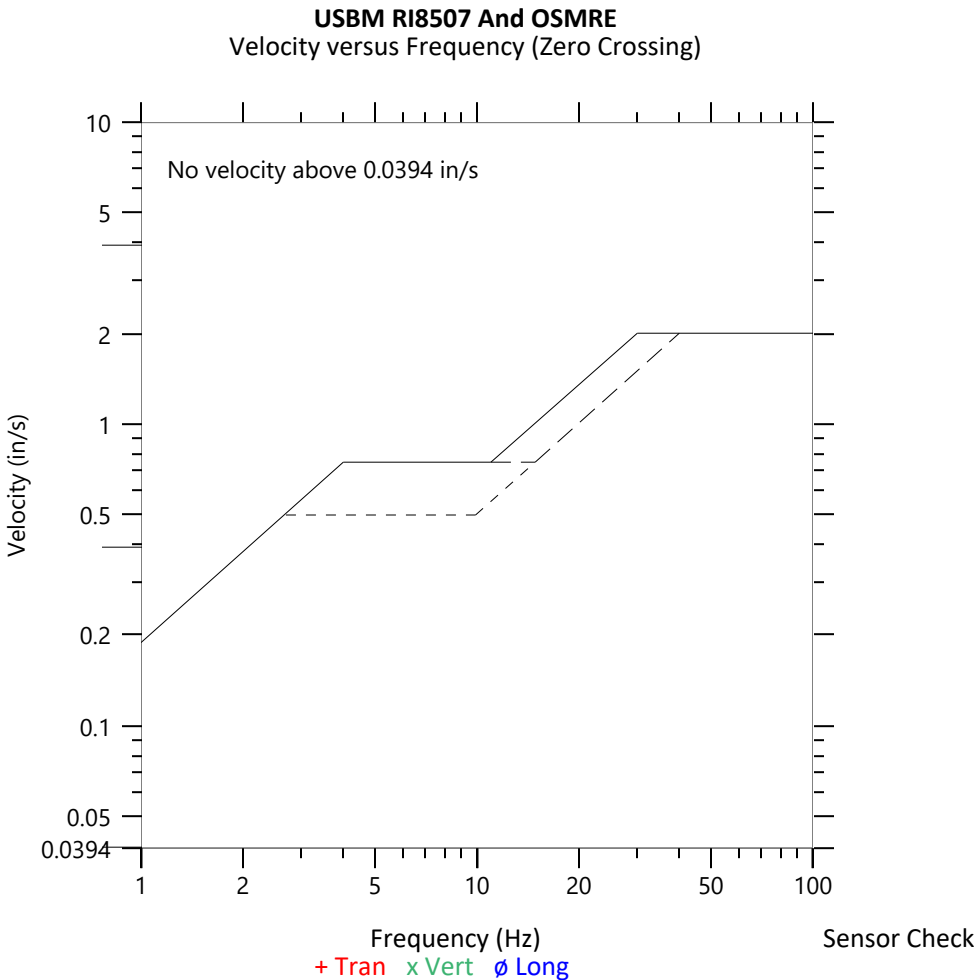
October 25, 2026 07:30:17
October 25, 2026 11:59:59
17.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

Serial Number	UM17586
Model Number	Micromate ISEE 11.0BD
Battery Level	3.8 volts
Unit Calibration	February 23, 2026 by Instancel
Event File Name	UM17586_20261025073017.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	0.0208 in/s	0.0137 in/s	0.0223 in/s
Zero Crossing Frequency	30.1 Hz	56.9 Hz	46.5 Hz
Date	Oct 25, 2026	Oct 25, 2026	Oct 25, 2026
Time	08:15:17	08:15:17	08:15:17
Sensor Check	✔ Passed	✔ Passed	✔ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0313 in/s at October 25, 2026 08:15:17		





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

October 25, 2026 12:00:16
October 25, 2026 15:29:59
13.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

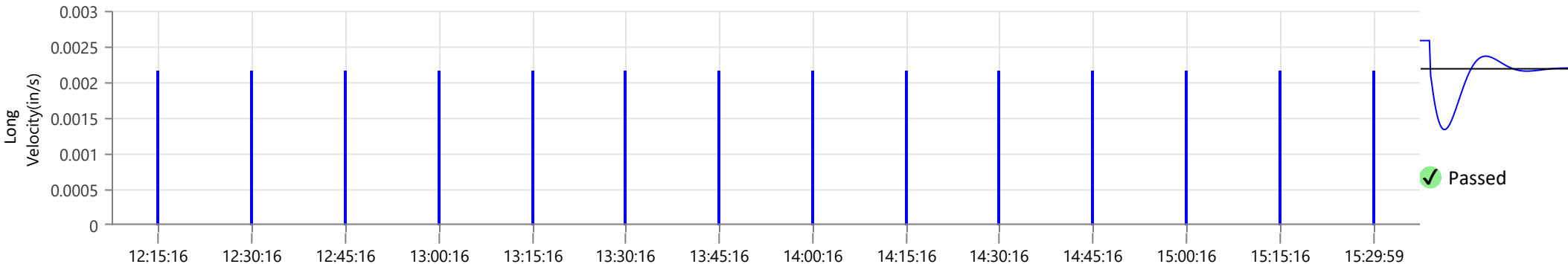
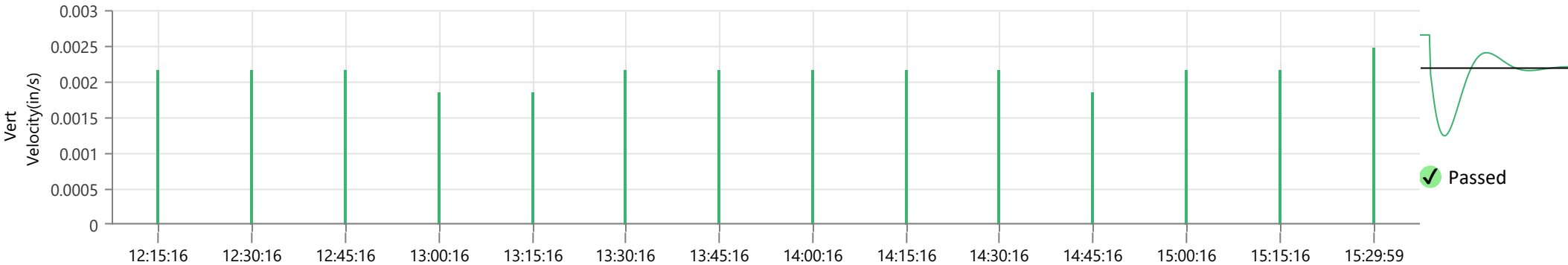
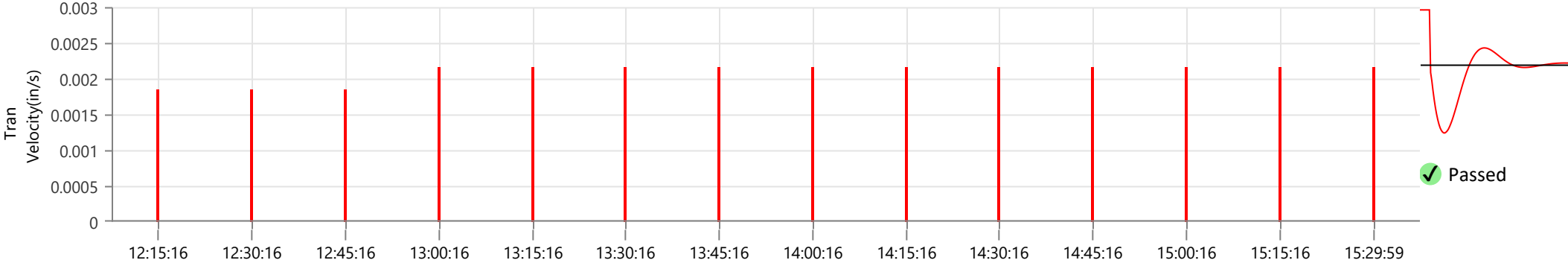
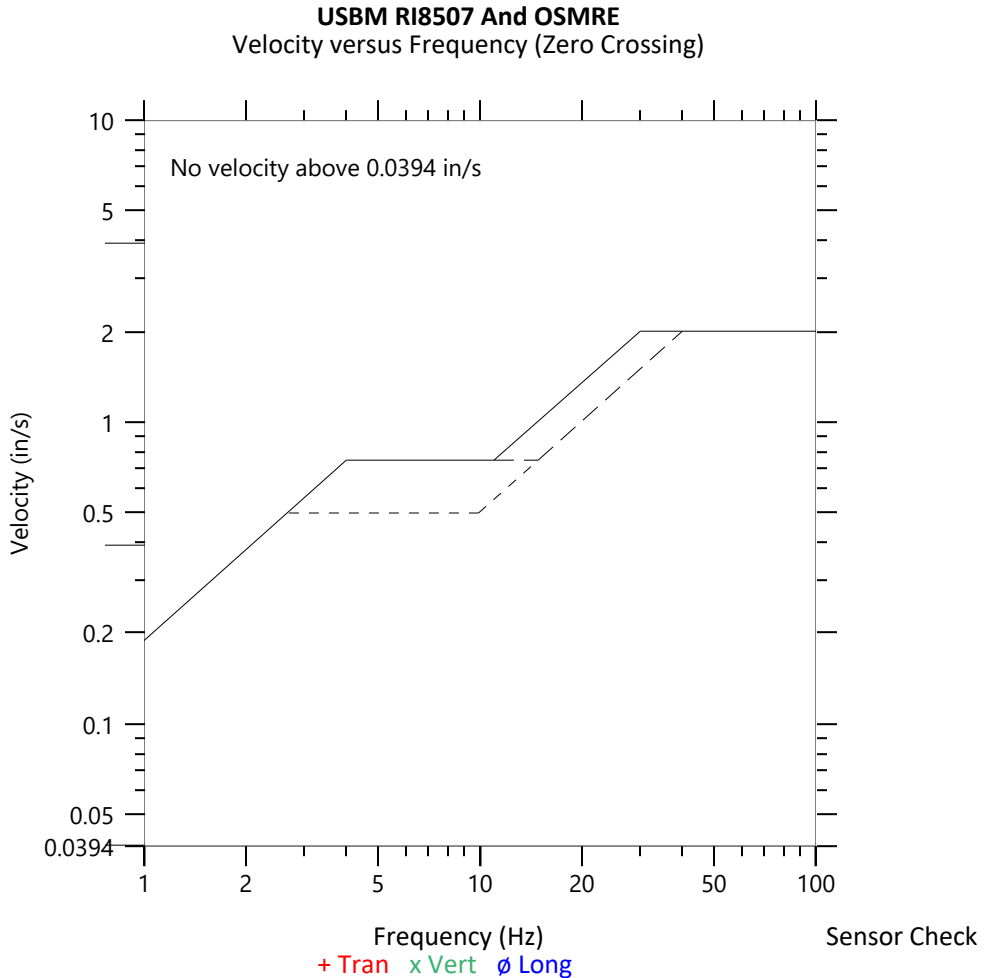
UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261025120016.IDFH
Disabled

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	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	>100 Hz	73.1 Hz	>100 Hz
Date	Oct 25, 2026	Oct 25, 2026	Oct 25, 2026
Time	13:00:16	15:29:59	12:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.9	4.3	4.8
Peak Vector Sum	0.0033 in/s at October 25, 2026 14:30:16		





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

October 25, 2026 15:30:17
October 26, 2026 07:29:59
63.98/900 sec
1024 sps
253121 Slauson Middle School.mmb
Operator

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

UM17586
Micromate ISEE 11.0BD
3.8 volts
February 23, 2026 by Instantel
UM17586_20261025153017.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	0.0093 in/s	0.0062 in/s	0.0102 in/s
Zero Crossing Frequency	51.2 Hz	73.1 Hz	42.7 Hz
Date	Oct 25, 2026	Oct 25, 2026	Oct 25, 2026
Time	18:45:17	18:45:17	18:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	3.9	4.4	4.8
Peak Vector Sum	0.0109 in/s at October 25, 2026 18:45:17		

