



CONSULTING
GROUP

Vibration Monitoring Report Summary

Thurston Elementary
School

Project Number: 233473

Date: 03/06/26 to 3/13/26

Client: Ann Arbor Public Schools

Client Contact: Erik Bodker (Gilbane)

Project Address: 2300 Prairie Street, Ann Arbor MI

Micromate/Minimate Serial No. :

UM17584

Geophone Serial No.:

UM17584

Vibration Unit
Location:

UM17584 - Northeast side of side approximately 100 feet west of edge of house at 2219 Georgetown Boulevard

Maximum Peak Particle Velocity (PPV) (in/sec):

Frequency (Hz) at PPV:

UM17584

0.6194 - Vertical Channel on 03-09-26 at 07:54:21

UM17584

51.2Hz

Maximum Specified PPV (in/sec):

0.20

Description of Construction Activities:

G2 understands that construction activities consist of utility installation with backfilling operations taking place using a excavator with a hoe-pack attachment. Two (2) vibration events occurred. G2 was not onsite during the vibration events. The vibration events, which occurred between 7:54 and 8:04 AM on March 9, may be associated with moving equipment near the geophone. The ambient vibration levels surrounding these events is minimal and within the range we have seen previously.

Reported By: RPC, P.E.

Reviewed By: JBS, P.E.

Start March 5, 2026 17:02:20
Finish March 6, 2026 07:29:59
Number of Intervals/Interval 57.84/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260305170220.IDFH
USB Sensor Support Disabled

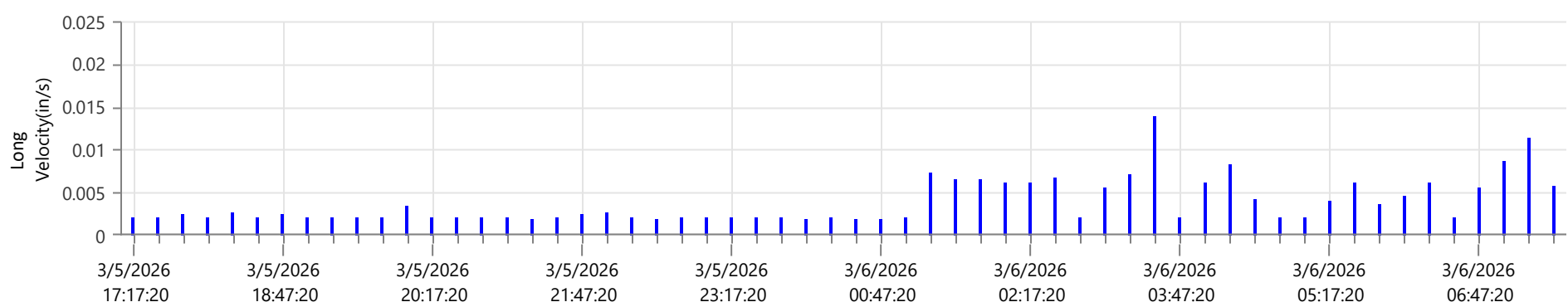
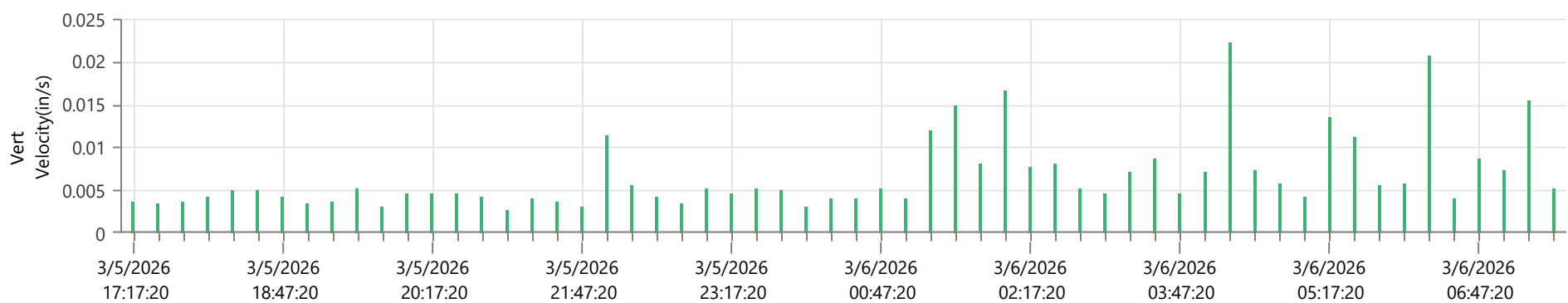
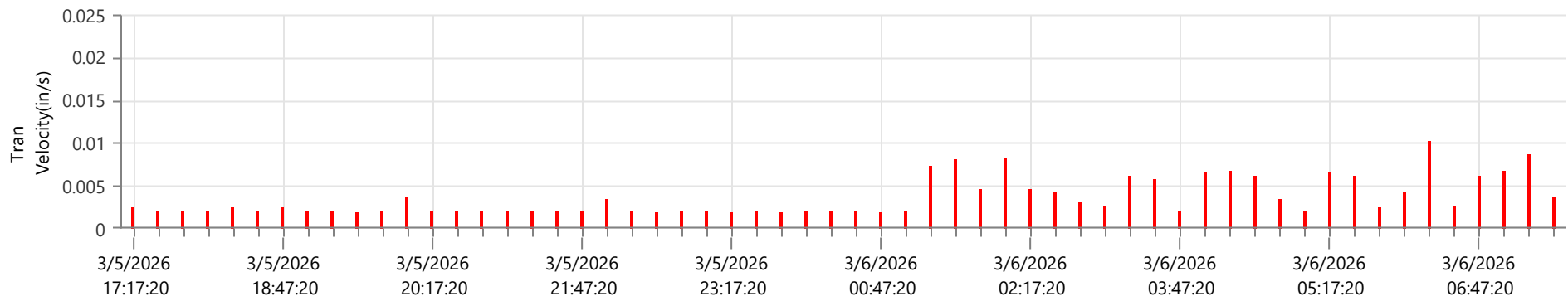
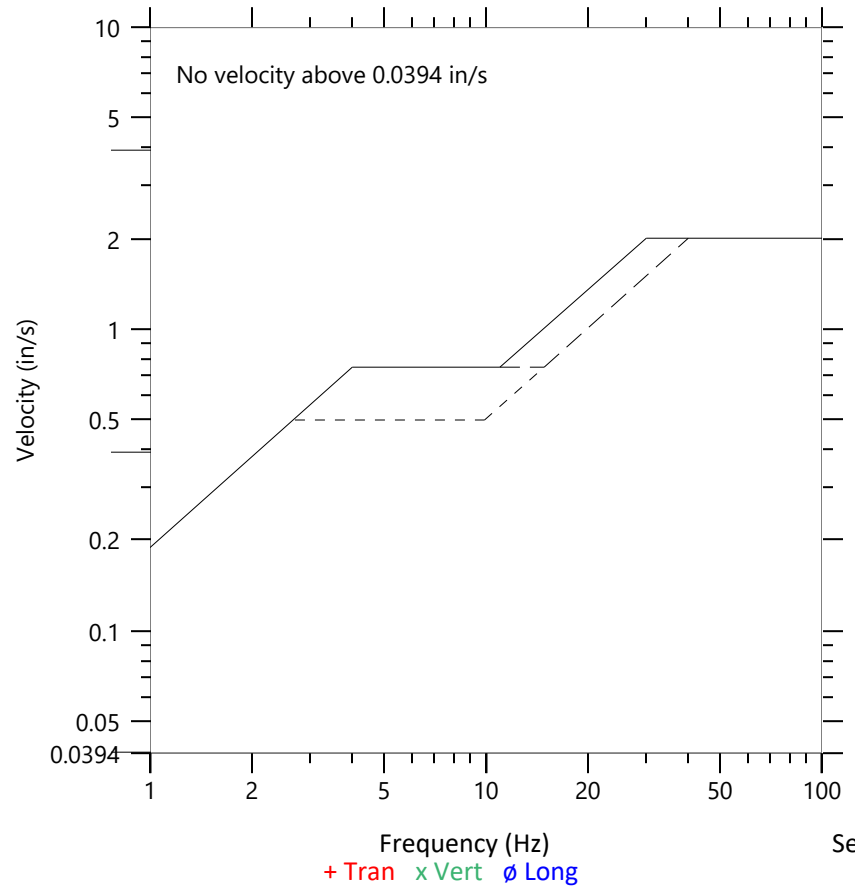
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0102 in/s	0.0223 in/s	0.0140 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	28.4 Hz
Date	Mar 6, 2026	Mar 6, 2026	Mar 6, 2026
Time	06:17:20	04:17:20	03:32:20
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9

Peak Vector Sum 0.0225 in/s at March 6, 2026 04:17:20

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Start March 6, 2026 07:30:35
Finish March 6, 2026 11:59:59
Number of Intervals/Interval 17.96/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260306073035.IDFH
USB Sensor Support Disabled

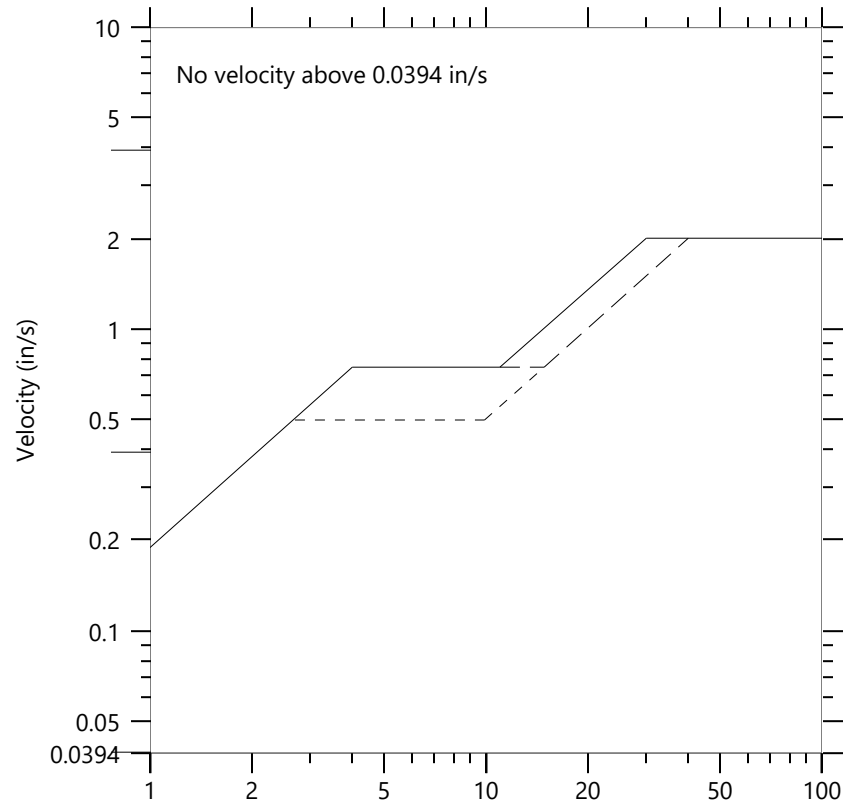
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0090 in/s	0.0152 in/s	0.0102 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Mar 6, 2026	Mar 6, 2026	Mar 6, 2026
Time	08:00:35	07:45:35	08:00:35
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9

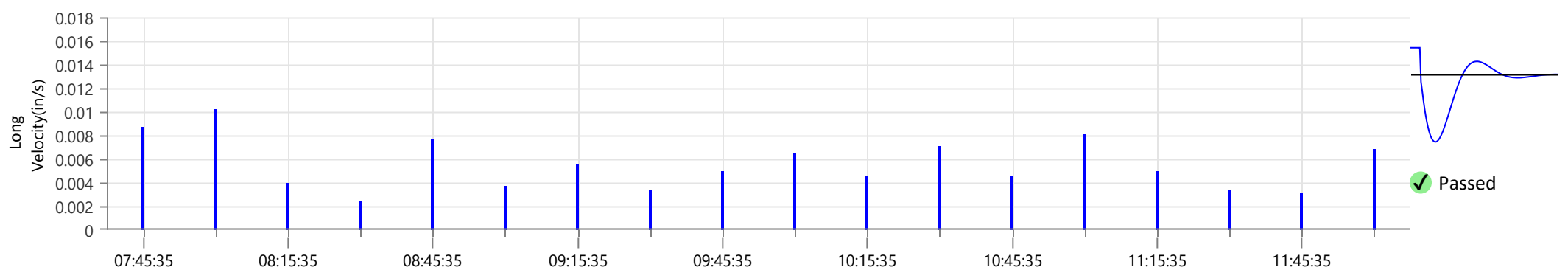
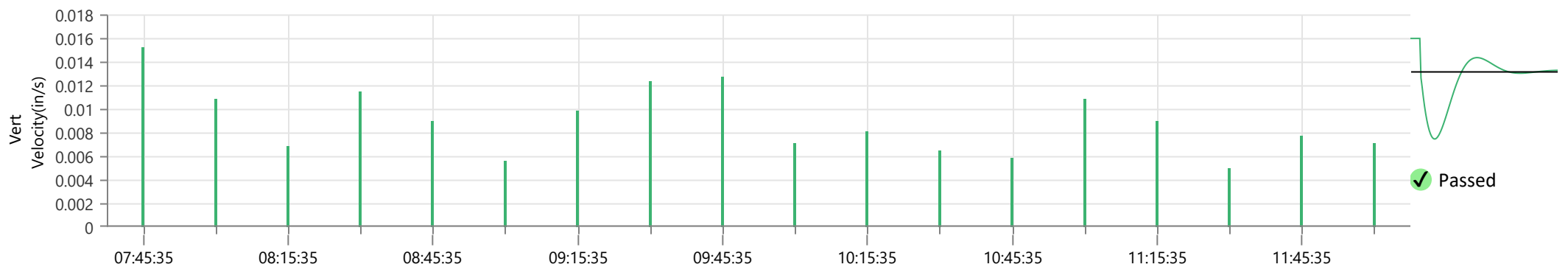
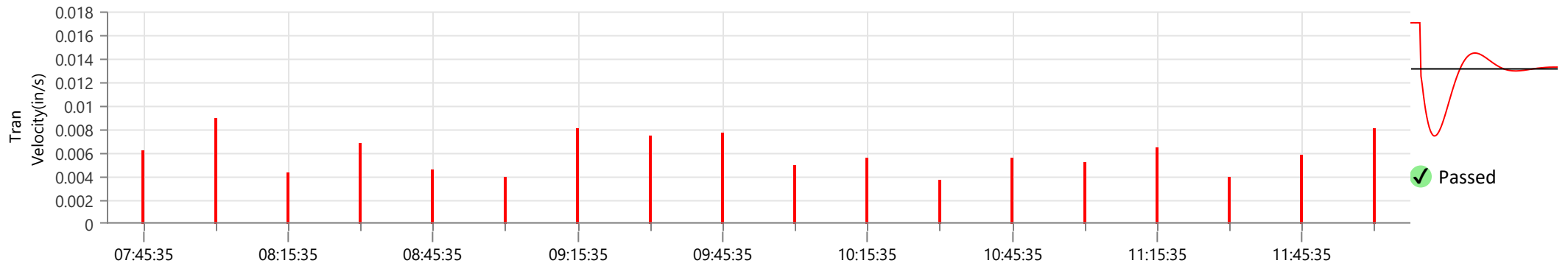
Peak Vector Sum 0.0153 in/s at March 6, 2026 07:45:35

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check





Start March 6, 2026 12:02:41
Finish March 6, 2026 16:59:59
Number of Intervals/Interval 19.82/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

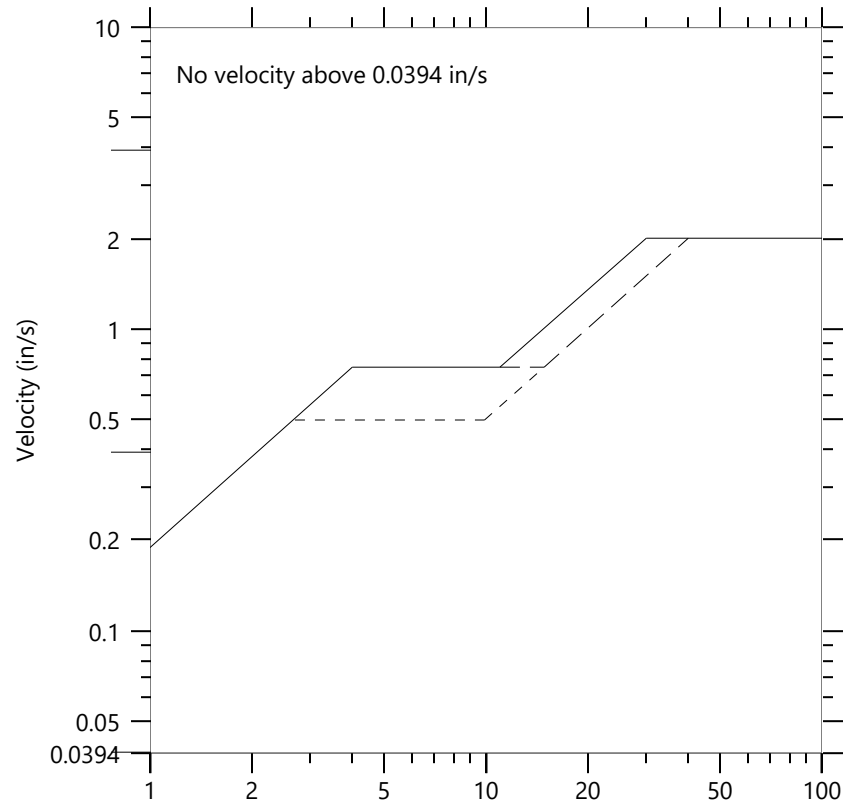
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Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260306120241.IDFH
USB Sensor Support Disabled

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.

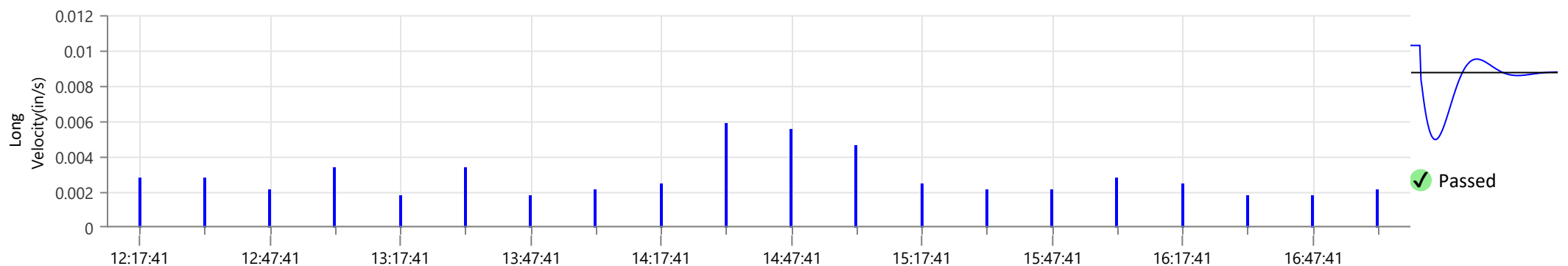
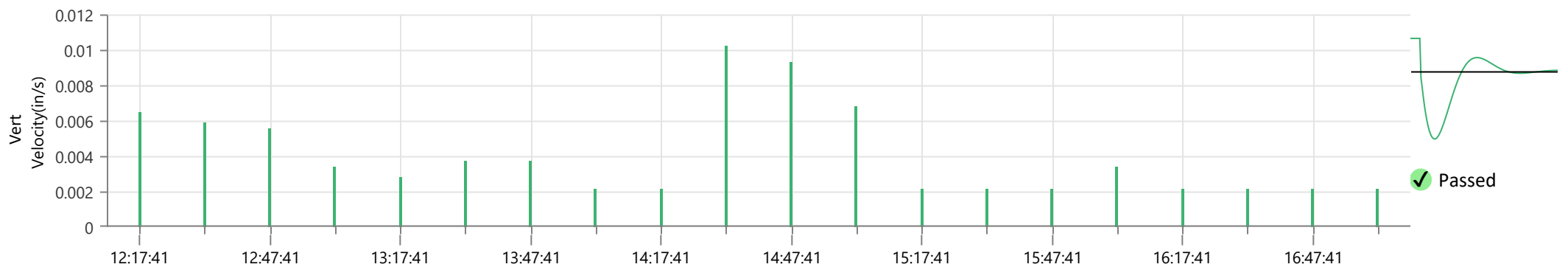
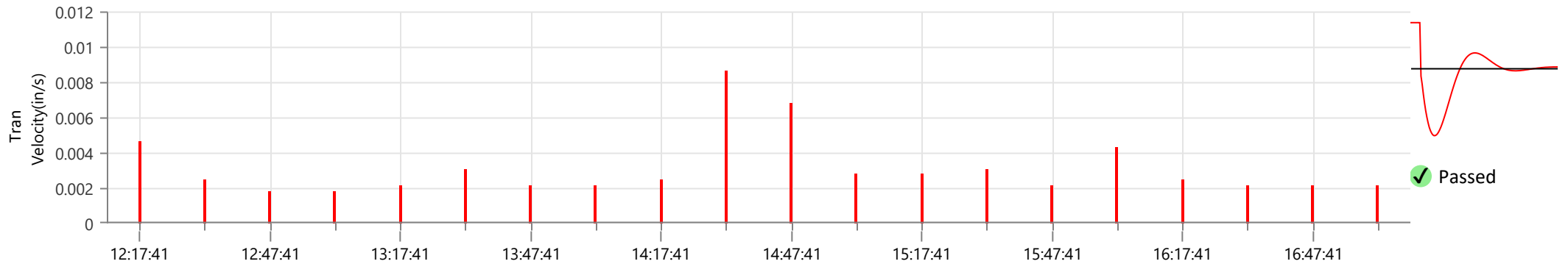
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0087 in/s	0.0102 in/s	0.0059 in/s
Zero Crossing Frequency	>100 Hz	73.1 Hz	>100 Hz
Date	Mar 6, 2026	Mar 6, 2026	Mar 6, 2026
Time	14:32:41	14:32:41	14:32:41
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9
Peak Vector Sum	0.0110 in/s at March 6, 2026 14:32:41		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert ø Long

Sensor Check



Start March 6, 2026 17:00:36
Finish March 7, 2026 07:29:59
Number of Intervals/Interval 57.96/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260306170036.IDFH
USB Sensor Support Disabled

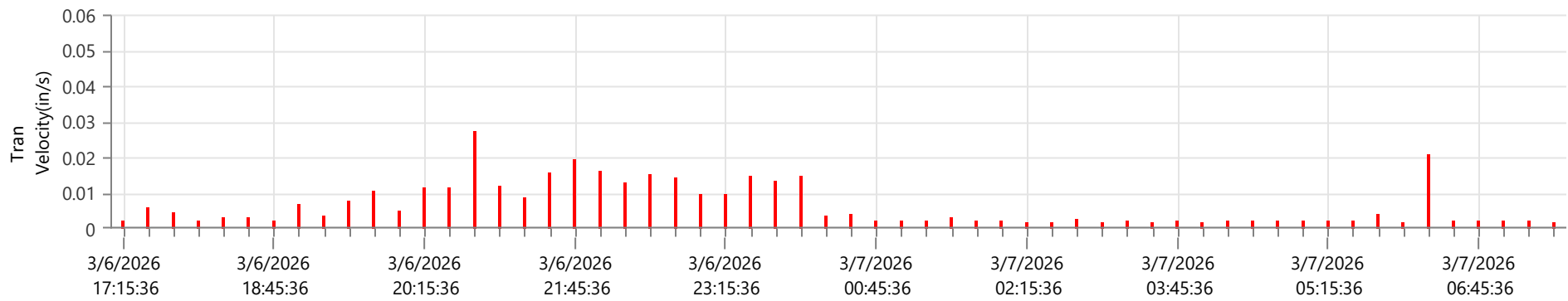
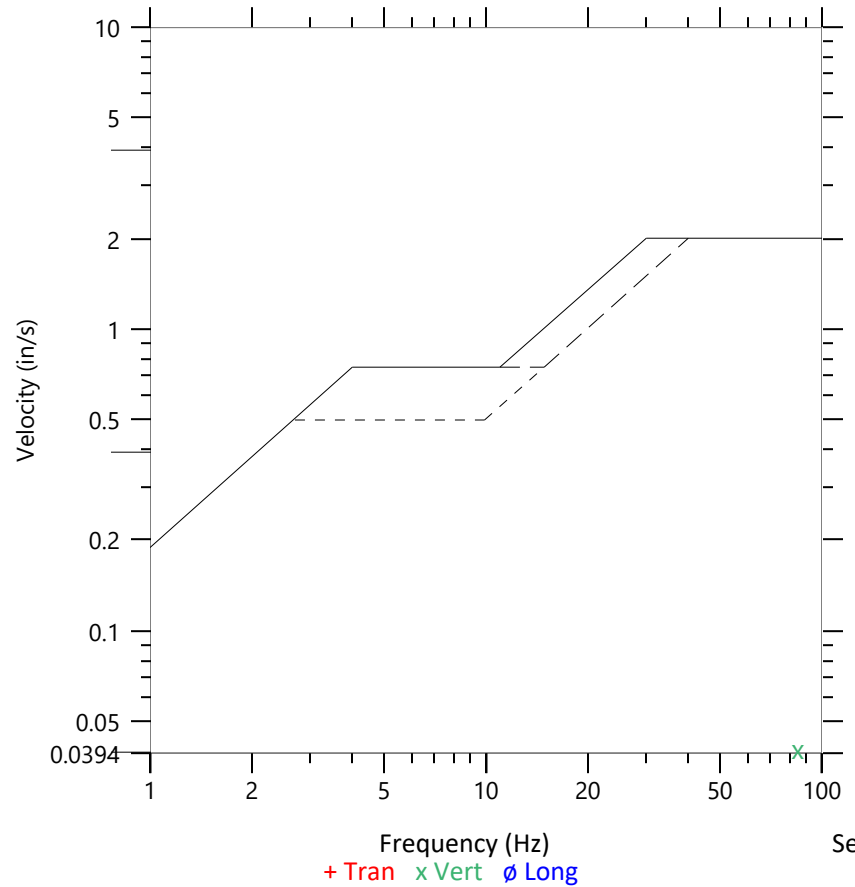
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

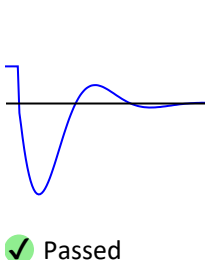
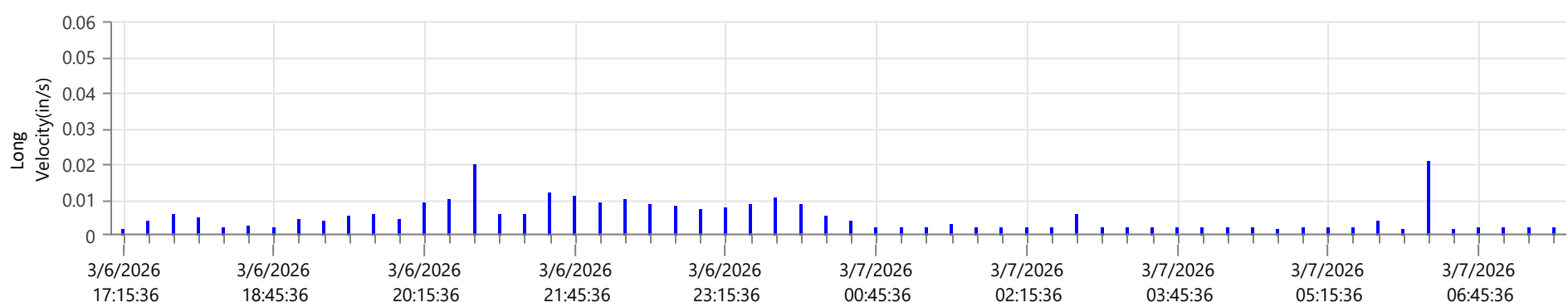
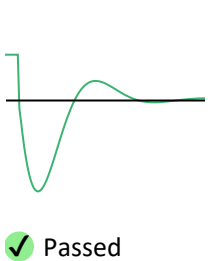
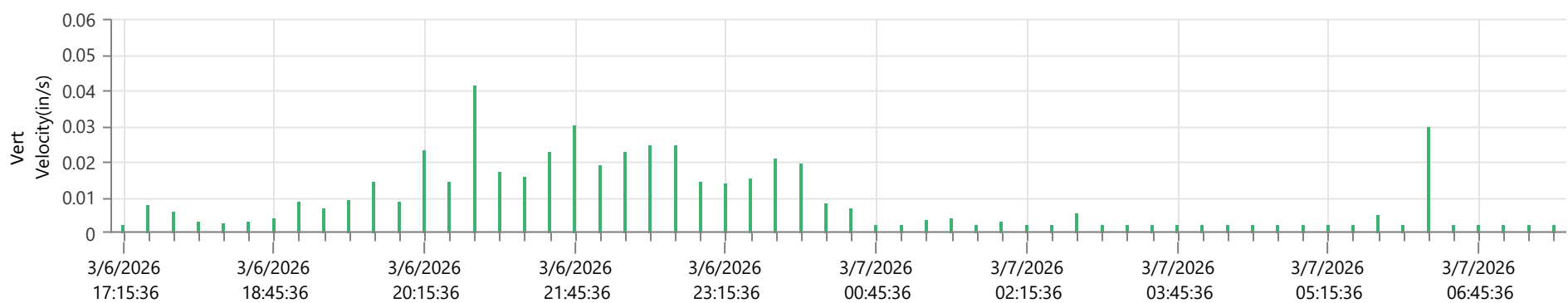
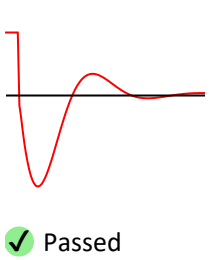
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0273 in/s	0.0413 in/s	0.0208 in/s
Zero Crossing Frequency	>100 Hz	85.3 Hz	85.3 Hz
Date	Mar 6, 2026	Mar 6, 2026	Mar 7, 2026
Time	20:45:36	20:45:36	06:15:36
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.1	4.6	4.9

Peak Vector Sum 0.0449 in/s at March 6, 2026 20:45:36

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



Start March 7, 2026 07:32:27
Finish March 7, 2026 11:59:58
Number of Intervals/Interval 17.84/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

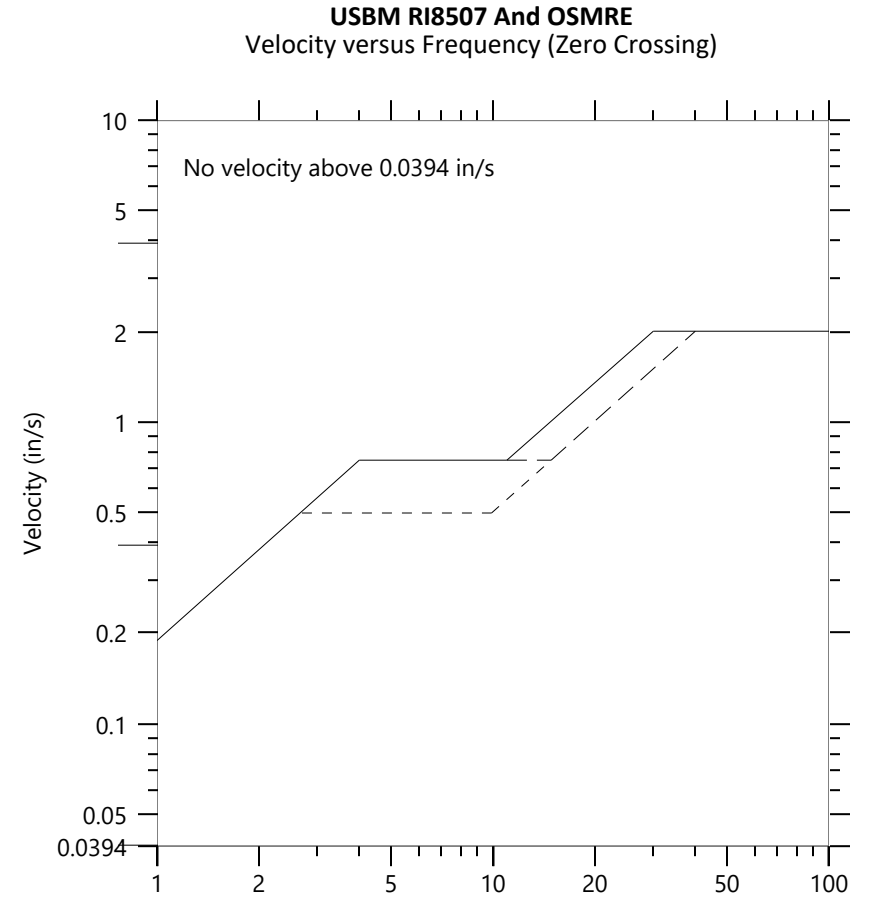
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260307073227.IDFH
USB Sensor Support Disabled

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	0.0140 in/s	0.0195 in/s	0.0118 in/s
Zero Crossing Frequency	>100 Hz	64.0 Hz	>100 Hz
Date	Mar 7, 2026	Mar 7, 2026	Mar 7, 2026
Time	10:17:27	10:17:27	09:32:27
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.1	4.6	4.9

Peak Vector Sum 0.0204 in/s at March 7, 2026 10:17:27





Start March 7, 2026 12:01:46
Finish March 7, 2026 16:59:59
Number of Intervals/Interval 19.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260307120146.IDFH
USB Sensor Support Disabled

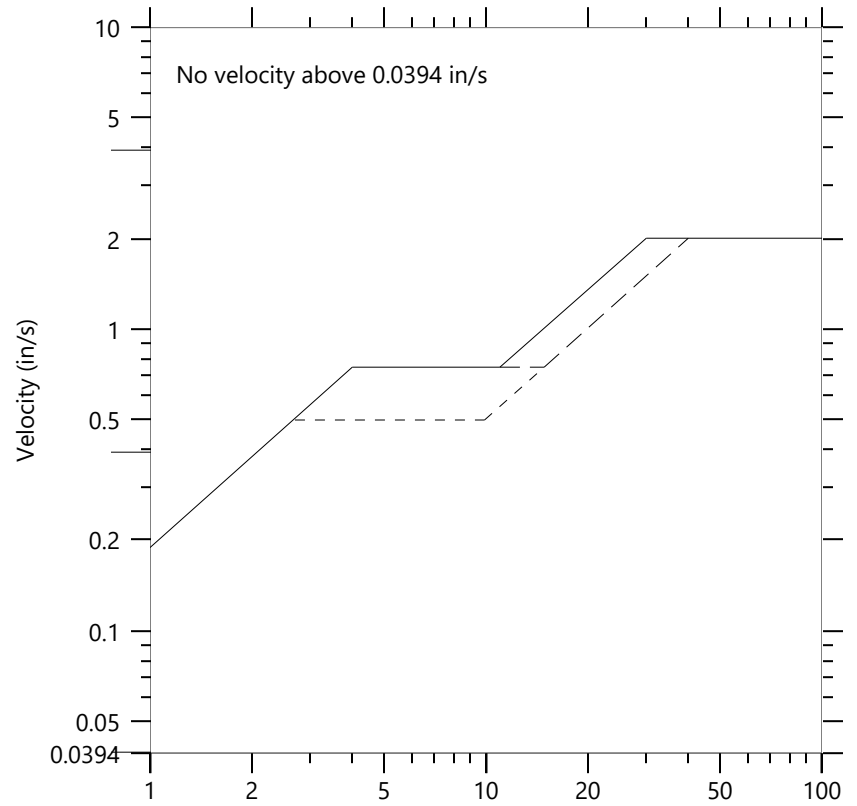
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0130 in/s	0.0059 in/s	0.0068 in/s
Zero Crossing Frequency	34.1 Hz	46.5 Hz	34.1 Hz
Date	Mar 7, 2026	Mar 7, 2026	Mar 7, 2026
Time	14:46:46	16:46:46	16:46:46
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	4.9

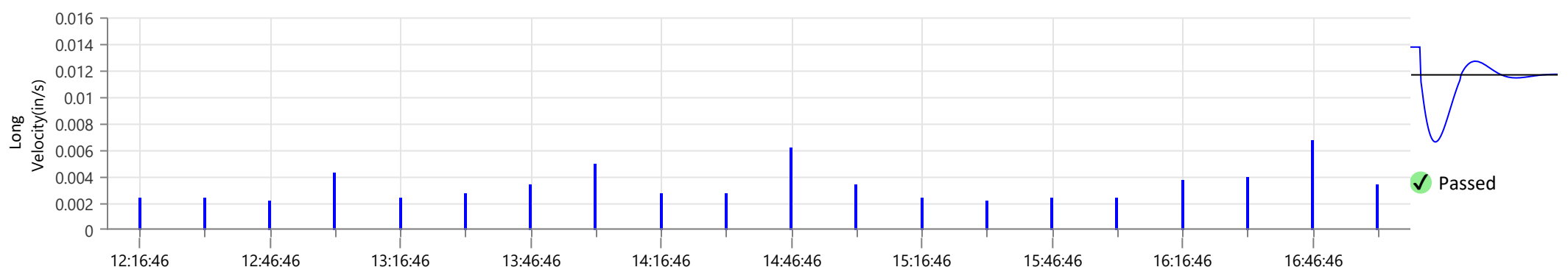
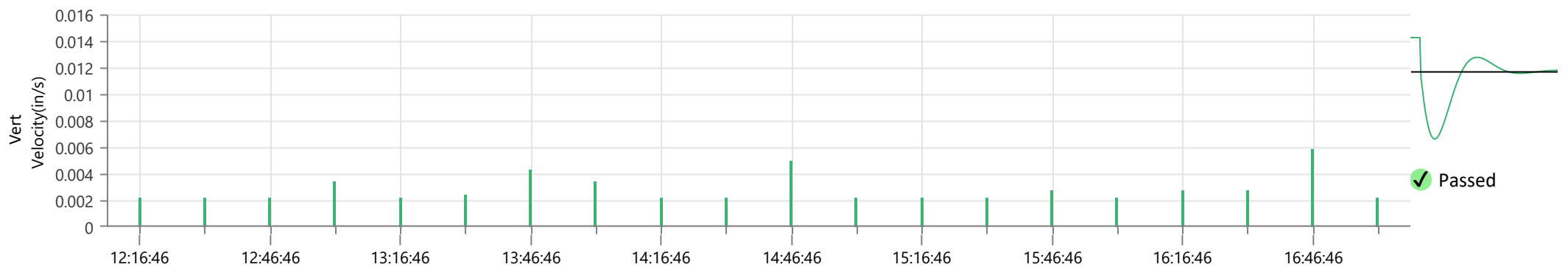
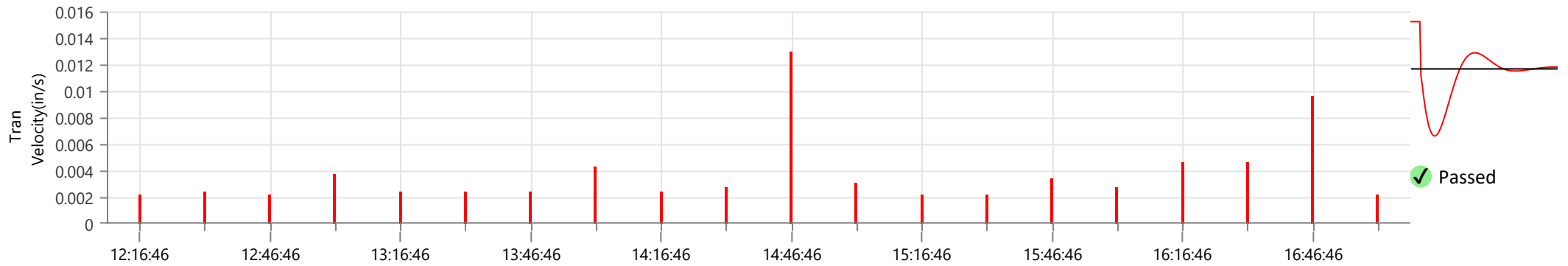
Peak Vector Sum 0.0139 in/s at March 7, 2026 14:46:46

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 7, 2026 17:01:49
Finish March 8, 2026 07:29:59
Number of Intervals/Interval 57.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260307170149.IDFH
USB Sensor Support Disabled

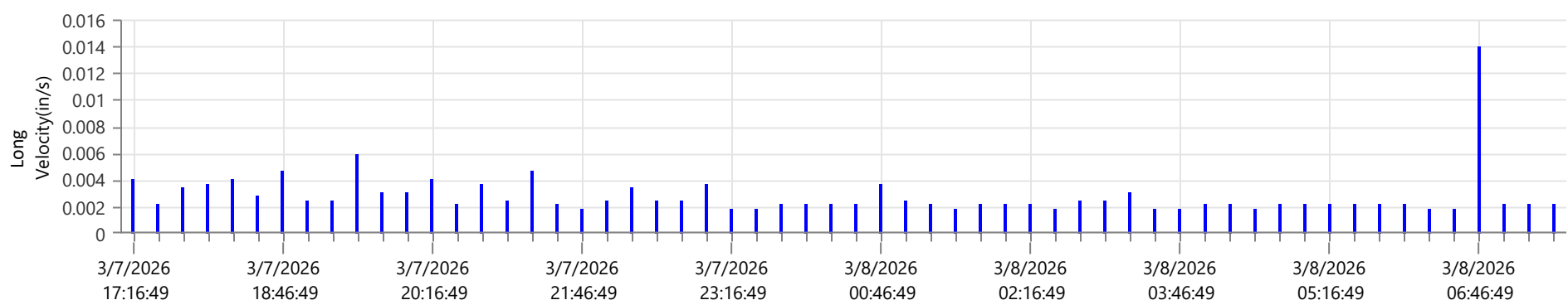
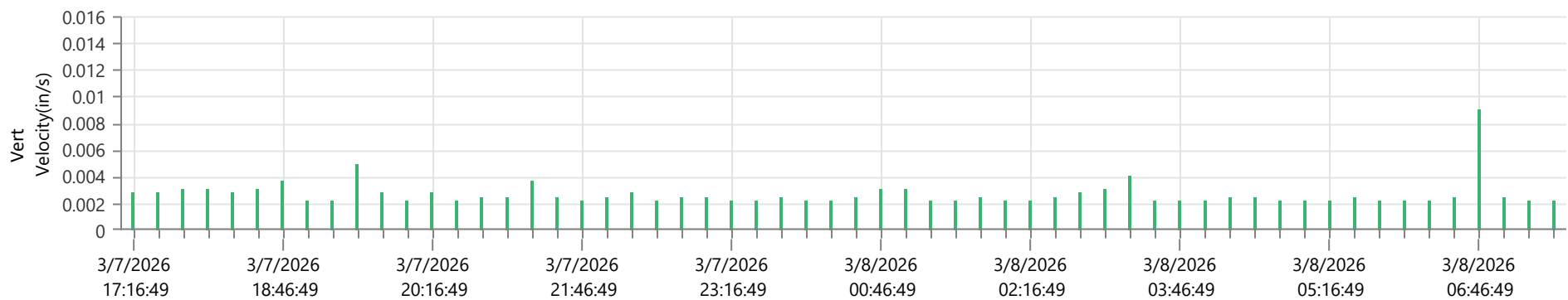
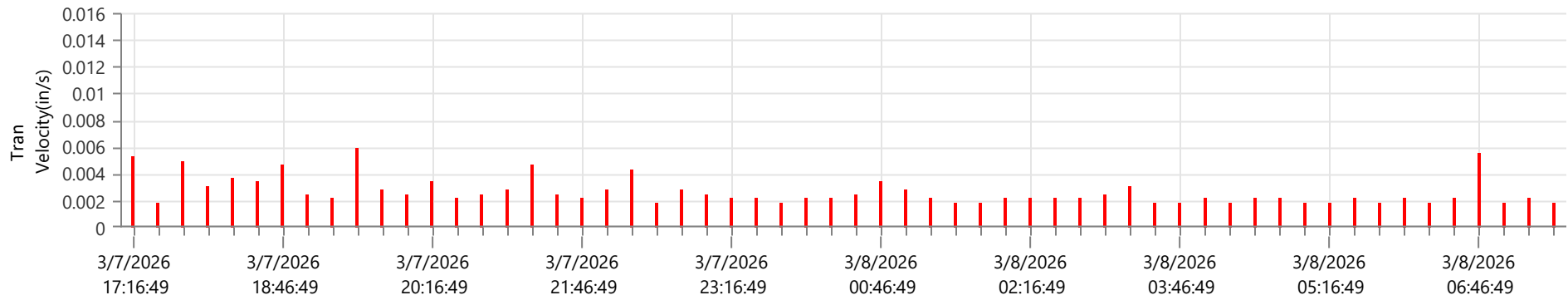
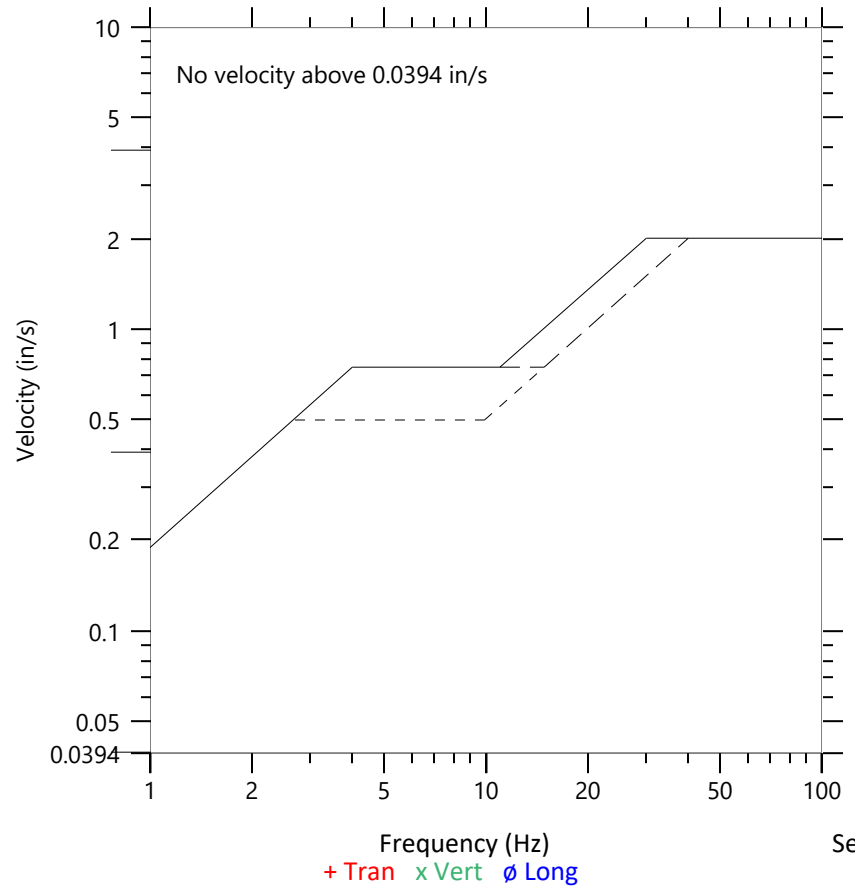
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0059 in/s	0.0090 in/s	0.0140 in/s
Zero Crossing Frequency	21.3 Hz	23.3 Hz	21.3 Hz
Date	Mar 7, 2026	Mar 8, 2026	Mar 8, 2026
Time	19:31:49	06:46:49	06:46:49
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	4.8

Peak Vector Sum 0.0164 in/s at March 8, 2026 06:46:49

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Start March 8, 2026 07:31:57
Finish March 8, 2026 11:59:59
Number of Intervals/Interval 17.87/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260308073157.IDFH
USB Sensor Support Disabled

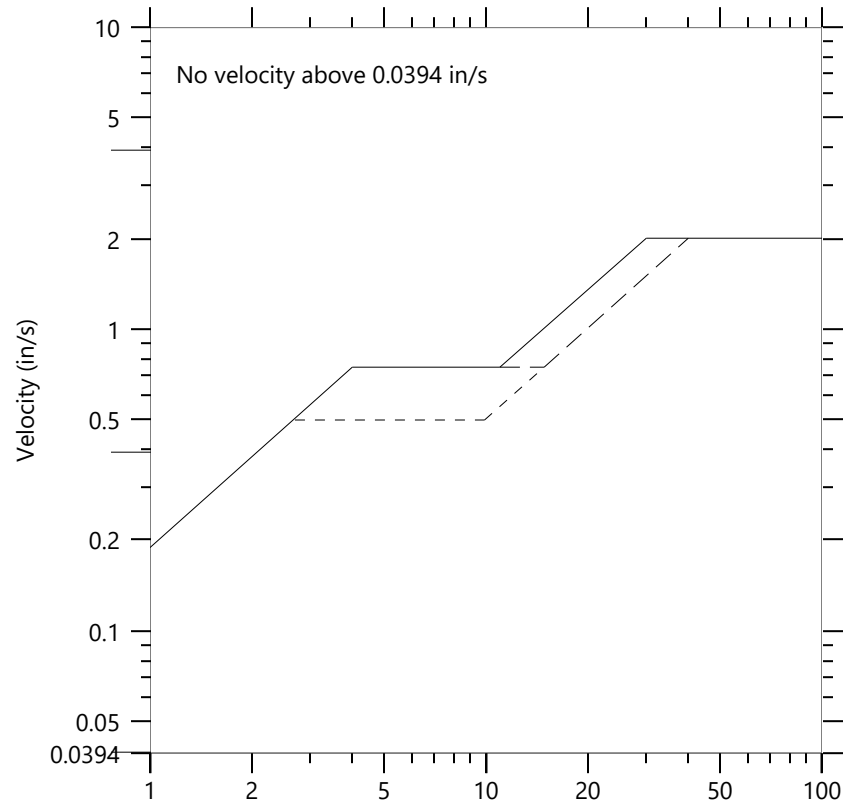
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	46.5 Hz	51.2 Hz	24.4 Hz
Date	Mar 8, 2026	Mar 8, 2026	Mar 8, 2026
Time	09:31:57	09:31:57	08:46:57
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.1	4.6	4.9

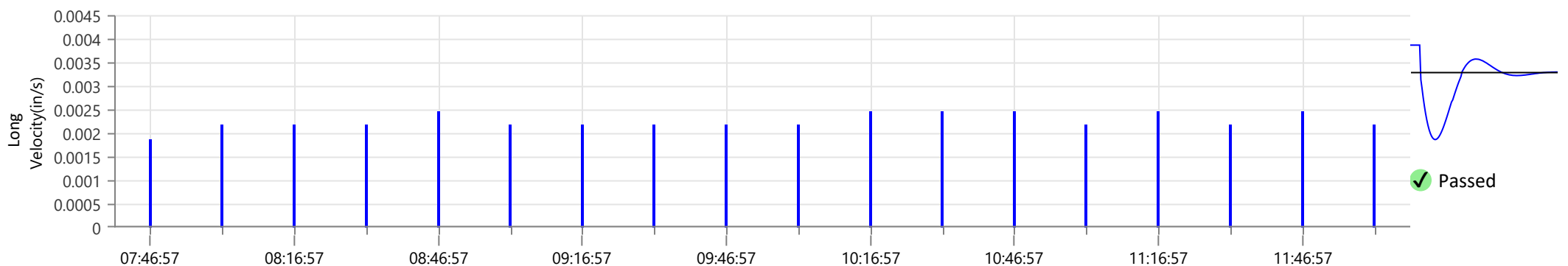
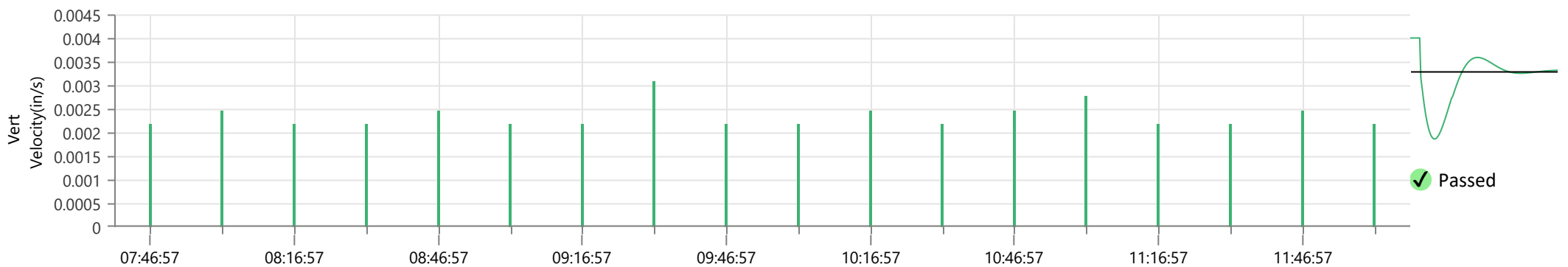
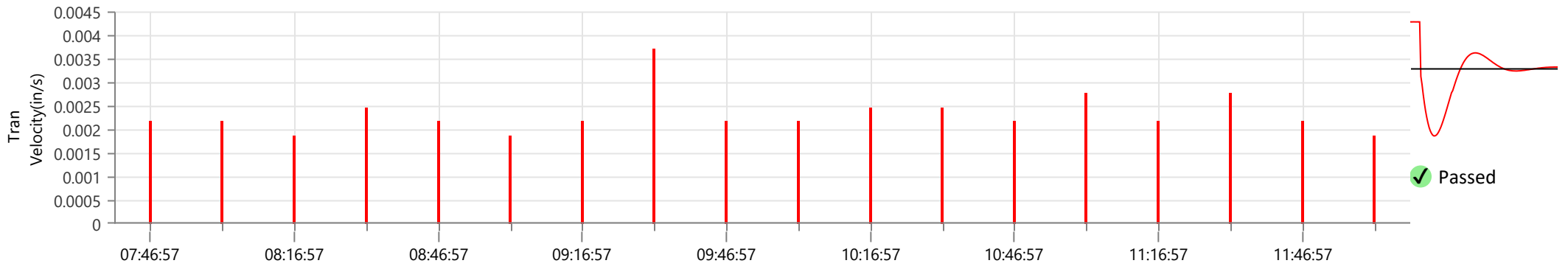
Peak Vector Sum 0.0039 in/s at March 8, 2026 09:31:57

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 8, 2026 12:00:40
Finish March 8, 2026 16:59:59
Number of Intervals/Interval 19.95/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

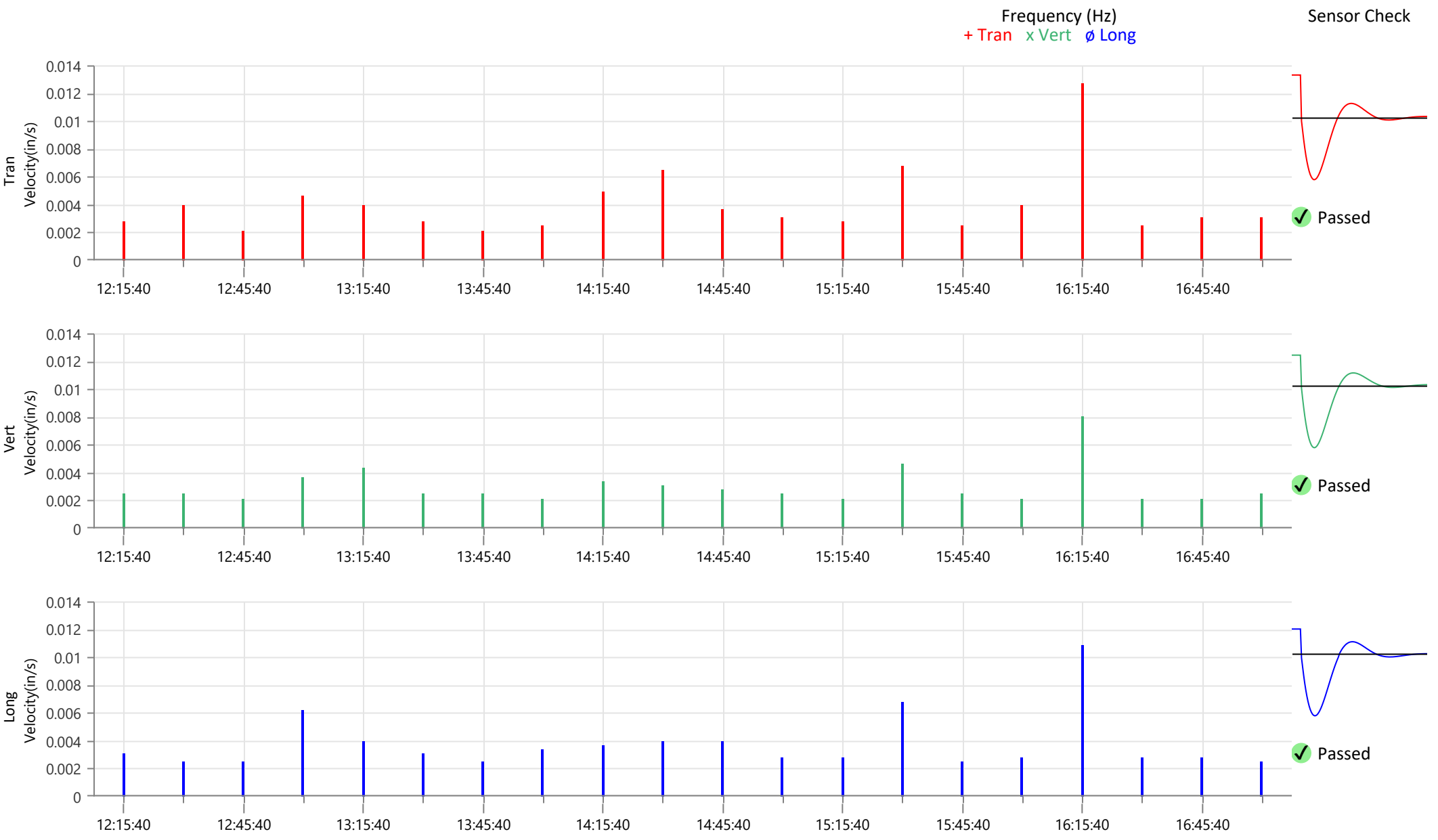
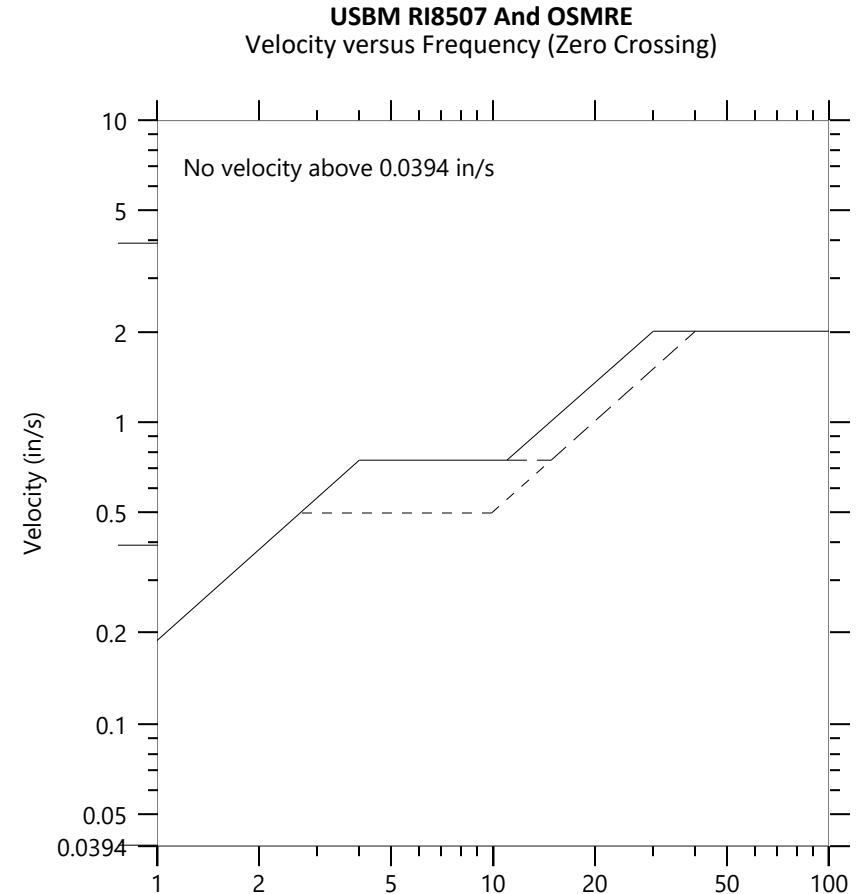
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260308120040.IDFH
USB Sensor Support Disabled

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	0.0127 in/s	0.0081 in/s	0.0109 in/s
Zero Crossing Frequency	39.4 Hz	51.2 Hz	34.1 Hz
Date	Mar 8, 2026	Mar 8, 2026	Mar 8, 2026
Time	16:15:40	16:15:40	16:15:40
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.1	4.6	4.9

Peak Vector Sum 0.0128 in/s at March 8, 2026 16:15:40



Start March 8, 2026 17:02:19
Finish March 9, 2026 07:29:59
Number of Intervals/Interval 57.85/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

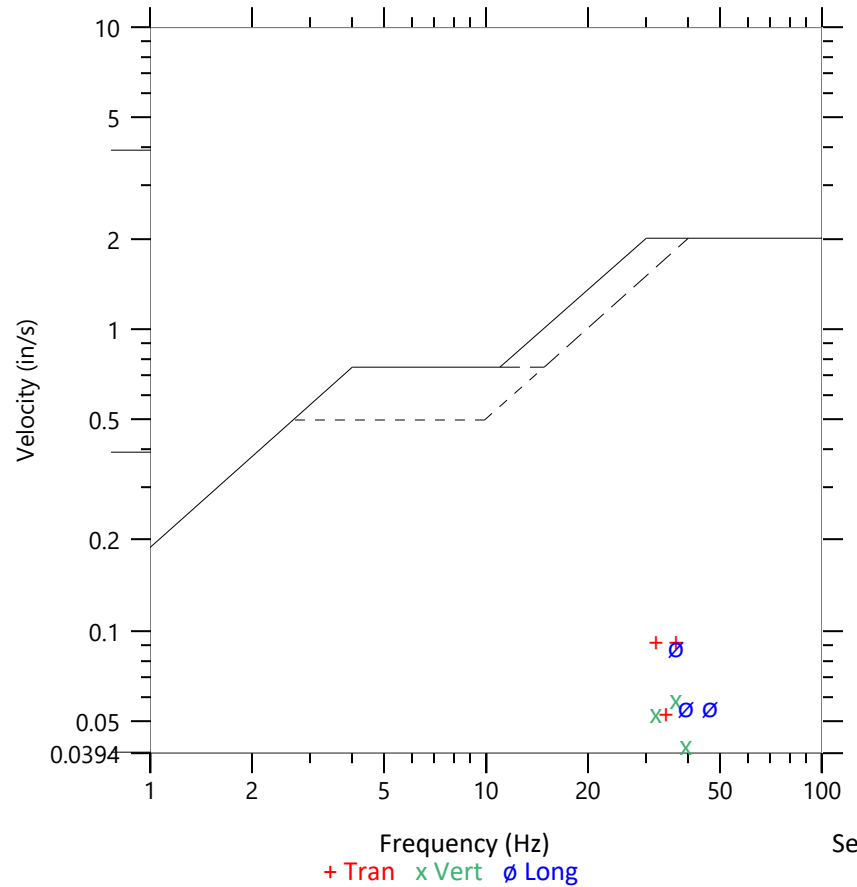
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Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260308170219.IDFH
USB Sensor Support Disabled

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.

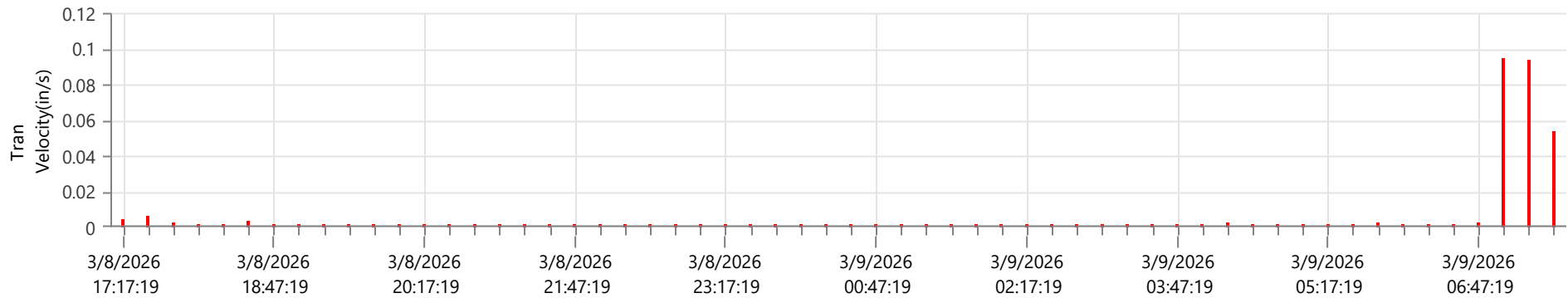
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0946 in/s	0.0608 in/s	0.0894 in/s
Zero Crossing Frequency	32.0 Hz	36.6 Hz	36.6 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	07:02:19	07:02:19	07:02:19
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	4.8
Peak Vector Sum	0.1297 in/s at March 9, 2026 07:02:19		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

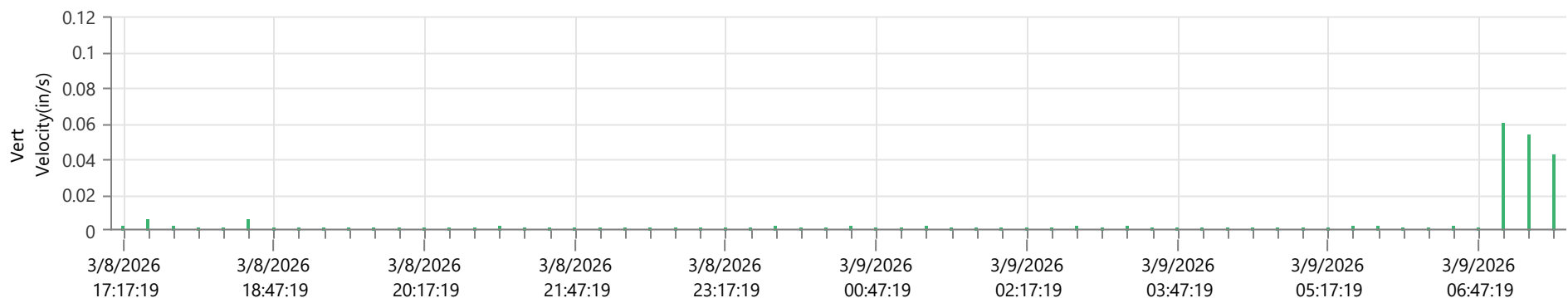


Sensor Check

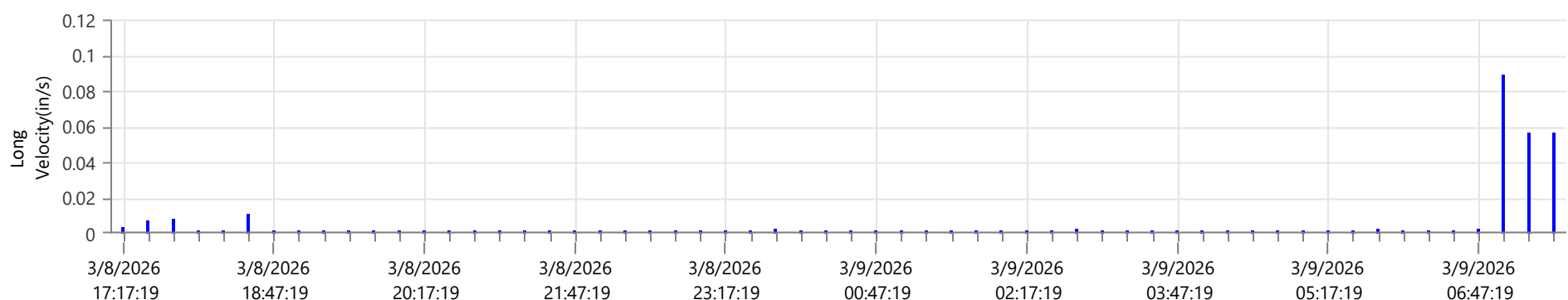
+ Tran x Vert o Long



✓ Passed



✓ Passed



✓ Passed

Start March 9, 2026 07:32:08
Finish March 9, 2026 07:54:26
Number of Intervals/Interval 1.49/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

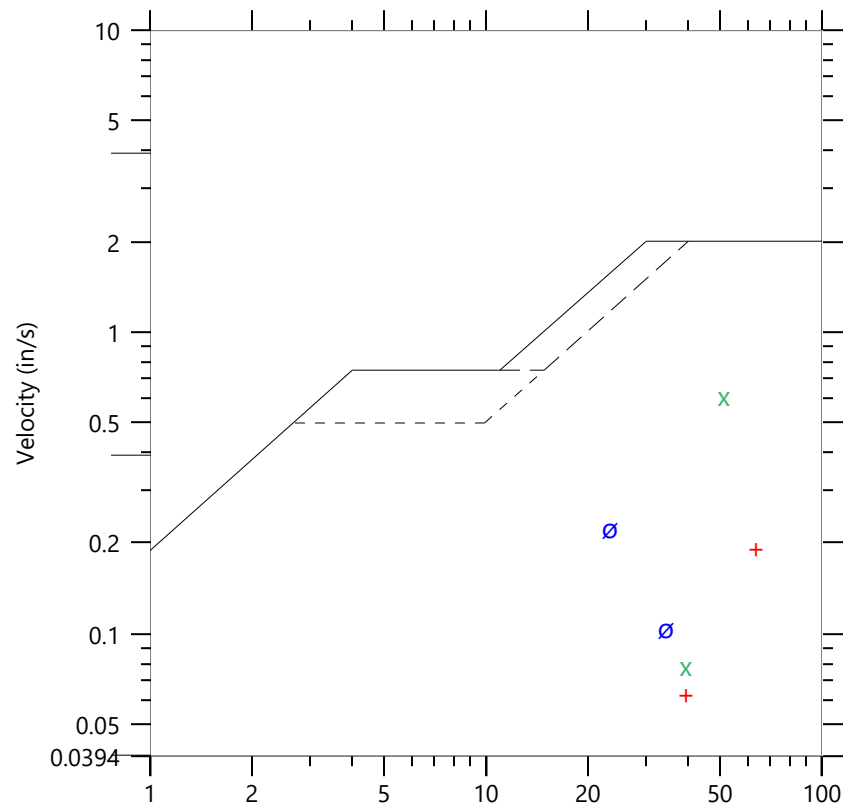
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Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260309073208.IDFH
USB Sensor Support Disabled

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

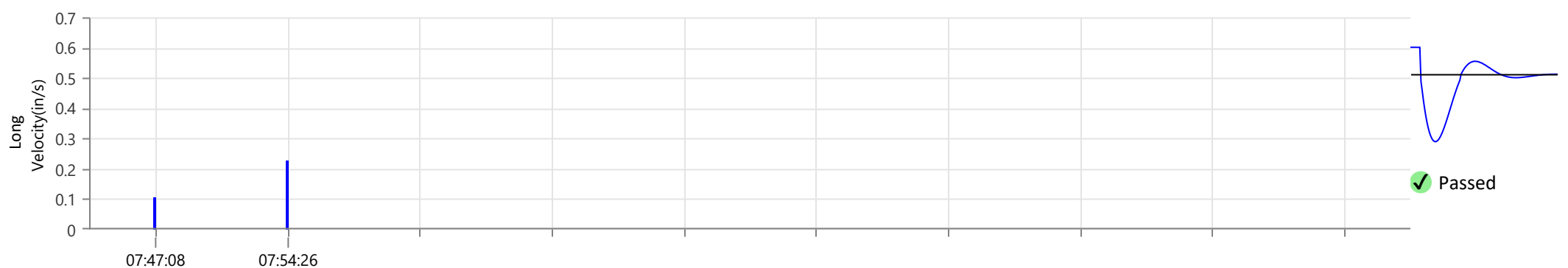
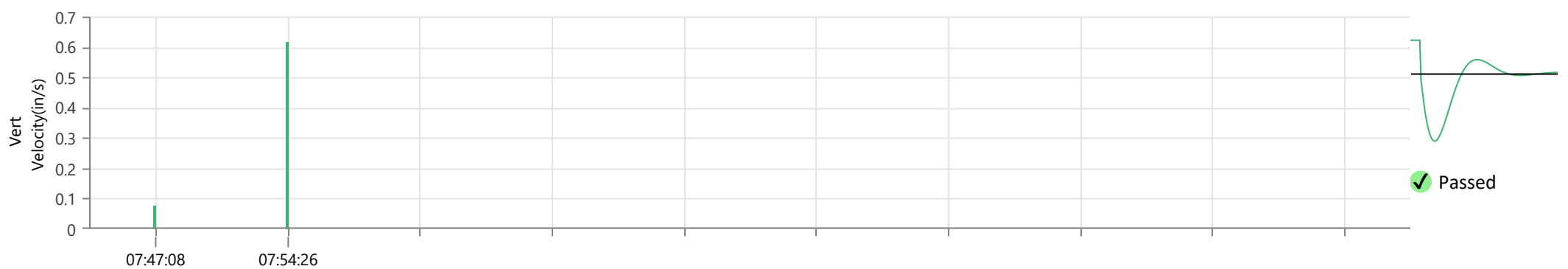
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1967 in/s	0.6194 in/s	0.2265 in/s
Zero Crossing Frequency	64.0 Hz	51.2 Hz	23.3 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	07:54:26	07:54:26	07:54:26
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.6	4.9
Peak Vector Sum	0.6519 in/s at March 9, 2026 08:02:08		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert o Long
 Sensor Check



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

Vert at March 9, 2026 07:54:21
 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

UM17584
 Micromate ISEE 11.0CB
 3.8 volts
 January 22, 2026 by Instantel
 UM17584_20260309075421.IDFW
 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.

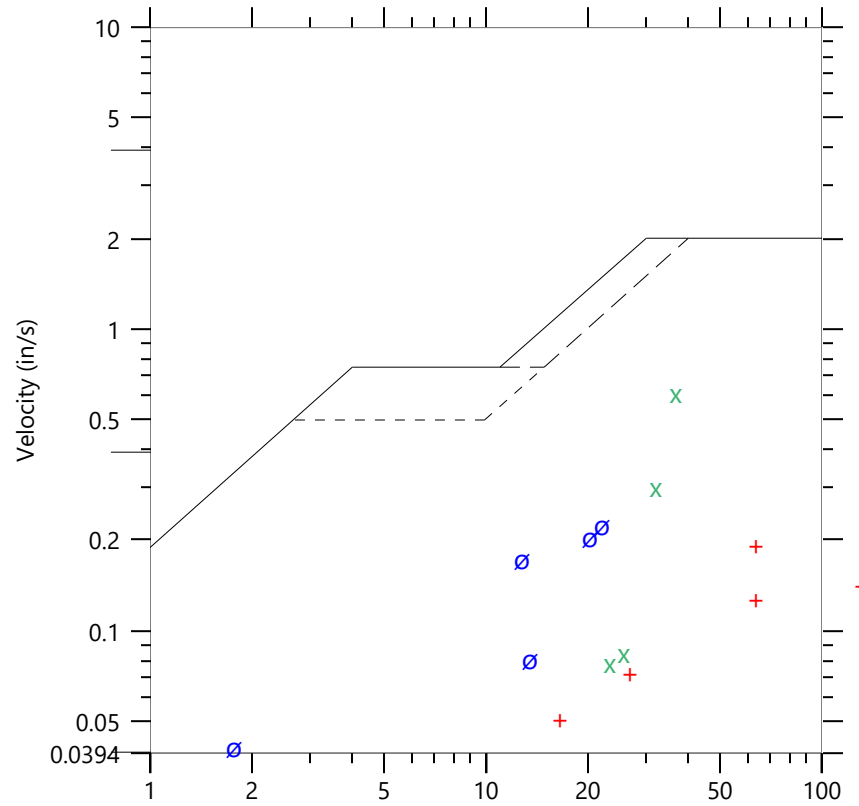
Geophone

Peak Particle Velocity
 Zero Crossing Frequency
 Time (Relative to Trigger)
 Peak Acceleration
 Peak Displacement
 Sensor Check
 Frequency
 Overswing Ratio

Tran	Vert	Long
0.1967 in/s	0.6194 in/s	0.2265 in/s
64.0 Hz	51.2 Hz	23.3 Hz
0.001 sec	0.001 sec	0.008 sec
0.440 g	0.797 g	0.185 g
0.001 in	0.001 in	0.003 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.5 Hz
4.1	4.6	4.9

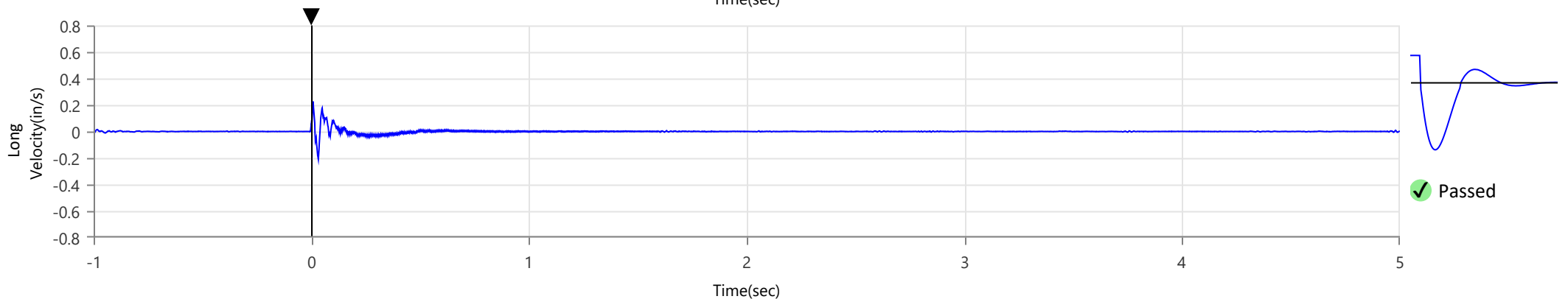
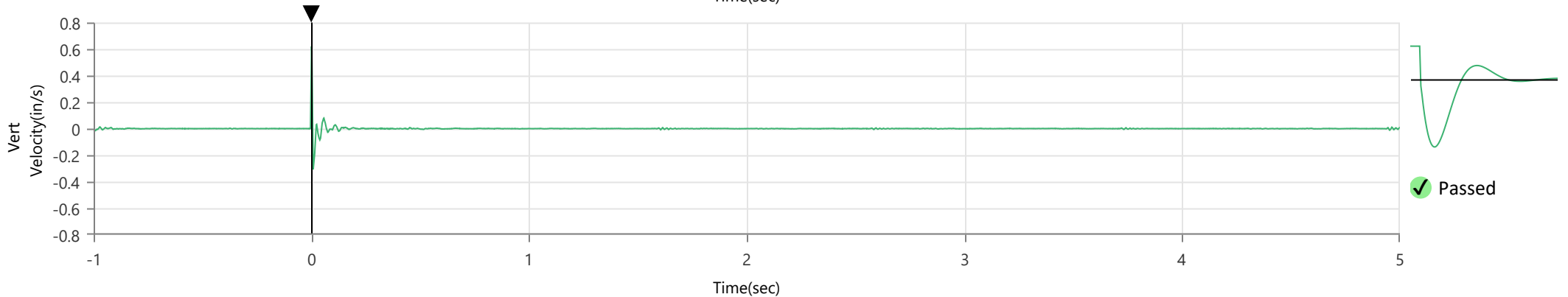
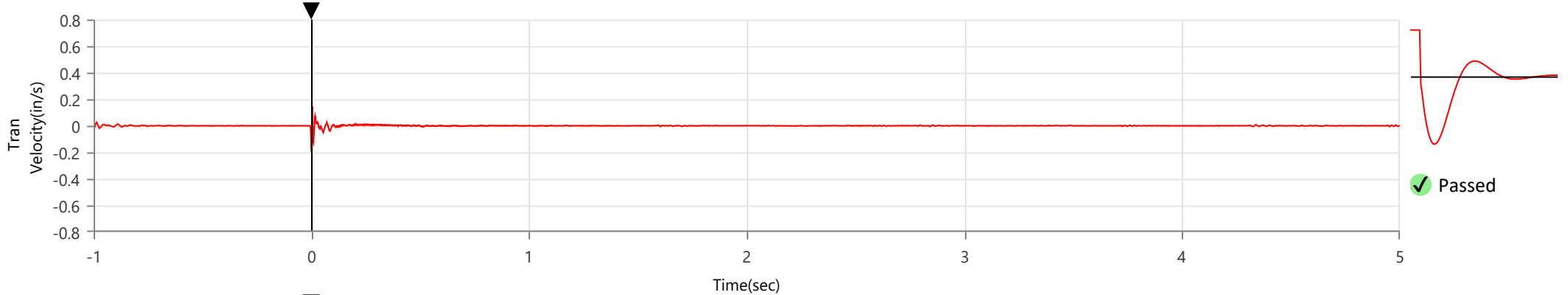
Peak Vector Sum: 0.6519 in/s at 0.001 sec

USBM RI8507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert o Long

Sensor Check



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

Vert at March 9, 2026 07:54:21
 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

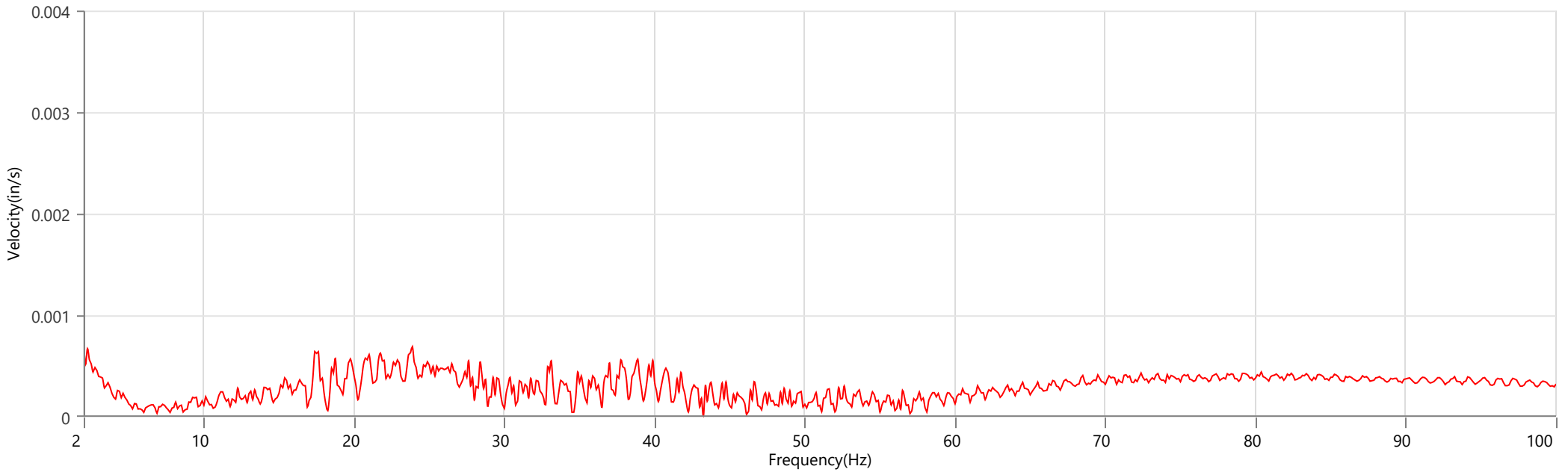
UM17584
 Micromate ISEE 11.0CB
 3.8 volts
 January 22, 2026 by Instantel
 UM17584_20260309075421.IDFW
 Disabled

Notes

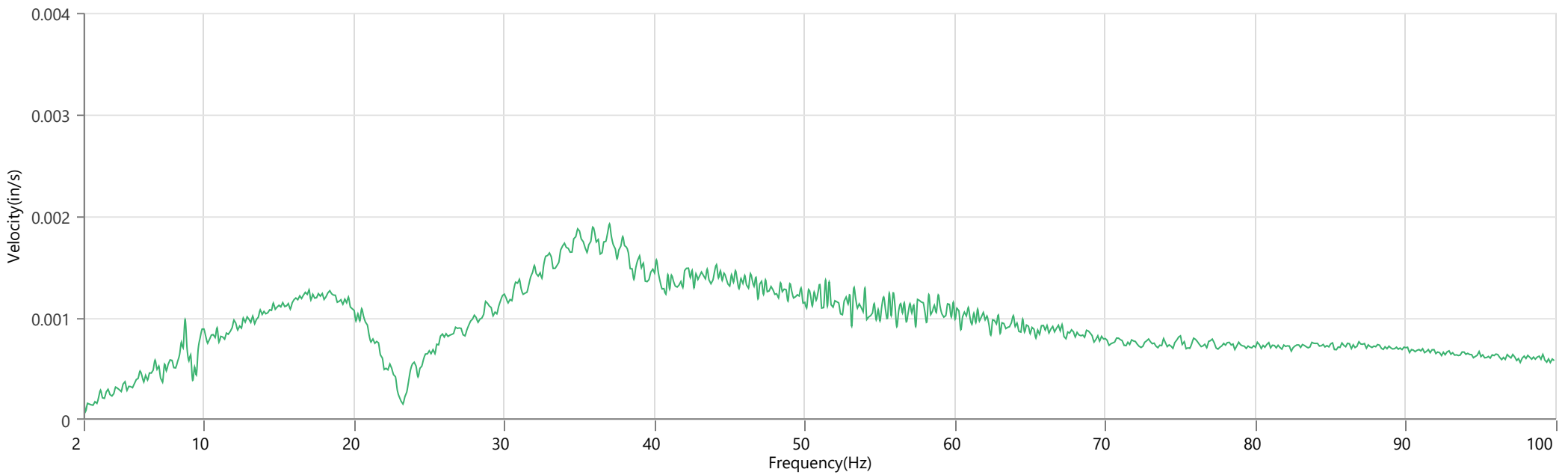
Location Thurston Elementary School, Ann Arbor
 Client Gilbane Building Company
 Company G2 Consulting Group, LLC
 General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

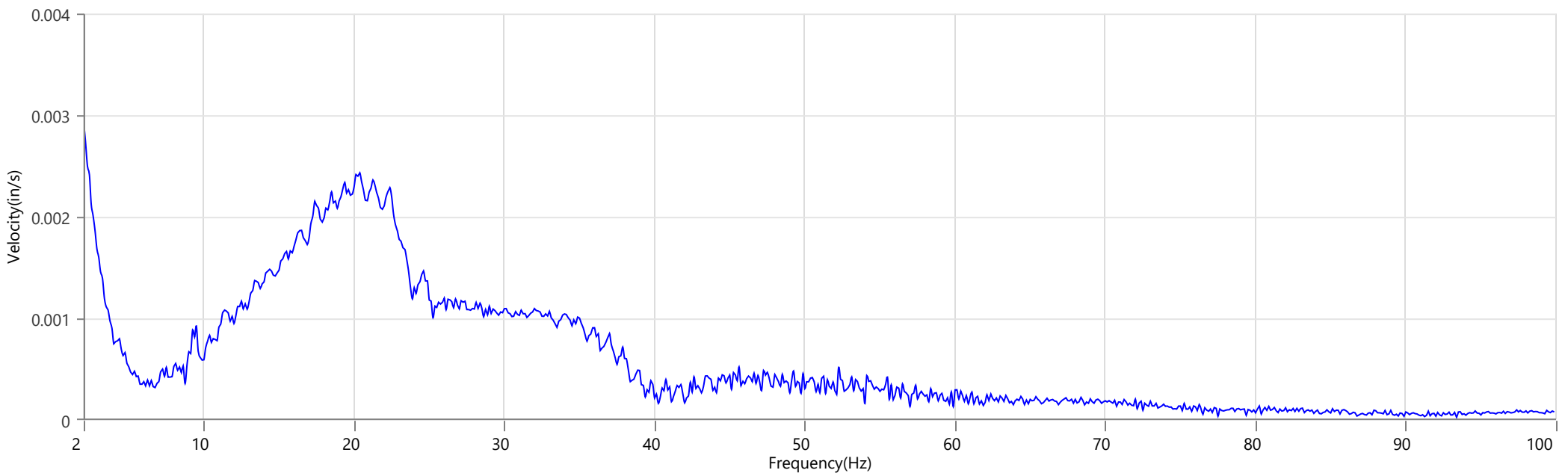
Tran - Dominant Frequency 2.0 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.1967 in/s)



Vert - Dominant Frequency 37.0 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.6194 in/s)



Long - Dominant Frequency 2.0 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.2265 in/s)



Start March 9, 2026 07:57:08
Finish March 9, 2026 08:04:28
Number of Intervals/Interval 0.49/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260309075708.IDFH
USB Sensor Support Disabled

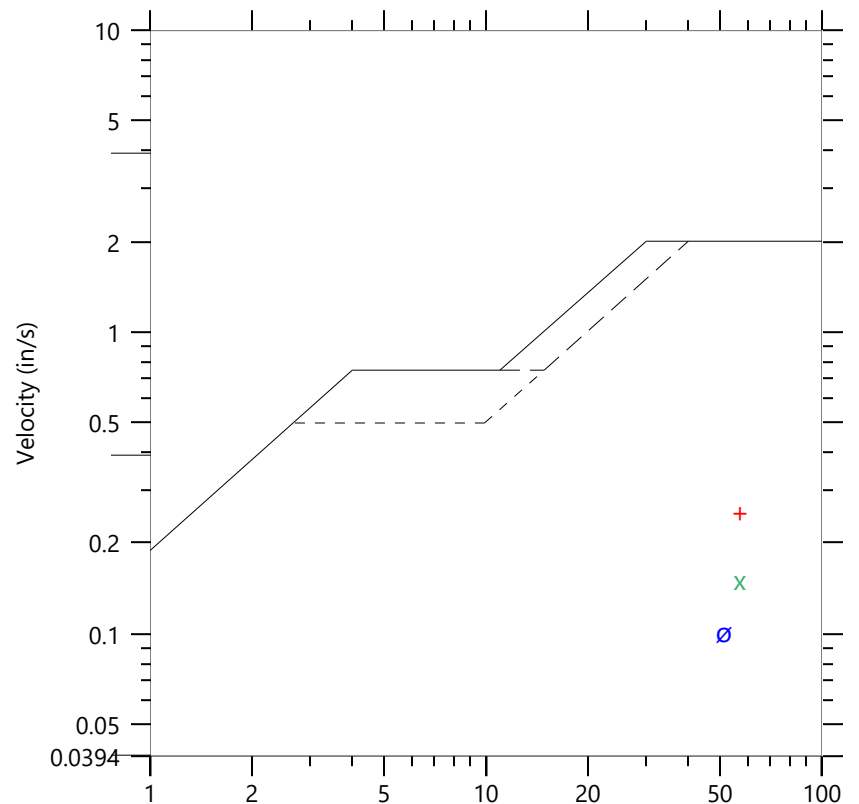
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

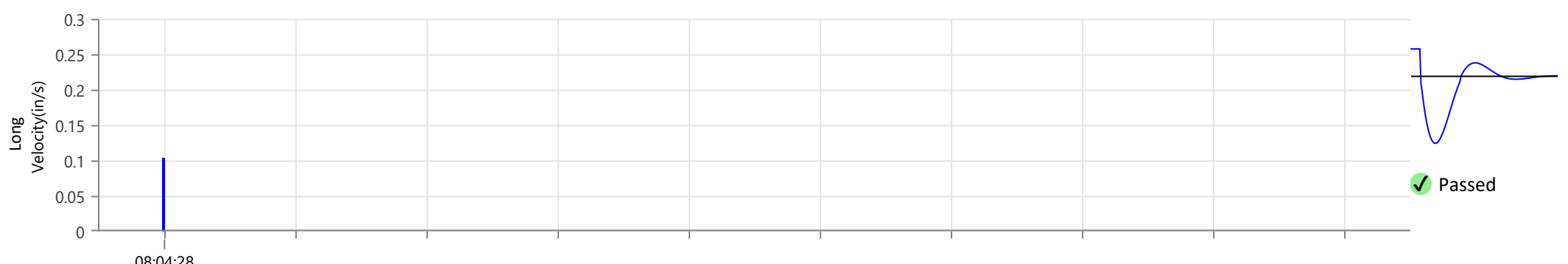
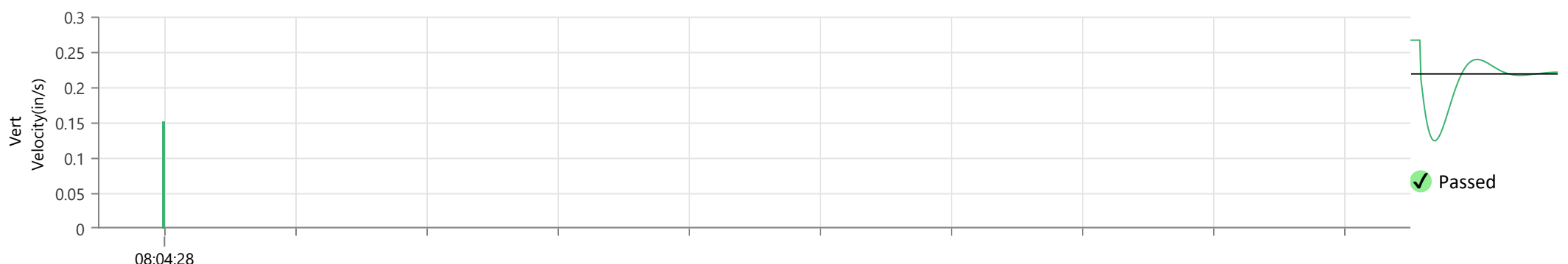
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2557 in/s	0.1521 in/s	0.1033 in/s
Zero Crossing Frequency	56.9 Hz	56.9 Hz	51.2 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	08:04:28	08:04:28	08:04:28
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.6	4.9

Peak Vector Sum 0.2605 in/s at March 9, 2026 08:12:08

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long Sensor Check



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

Tran at March 9, 2026 08:04:23
 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

UM17584
 Micromate ISEE 11.0CB
 3.8 volts
 January 22, 2026 by Instantel
 UM17584_20260309080423.IDFW
 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.

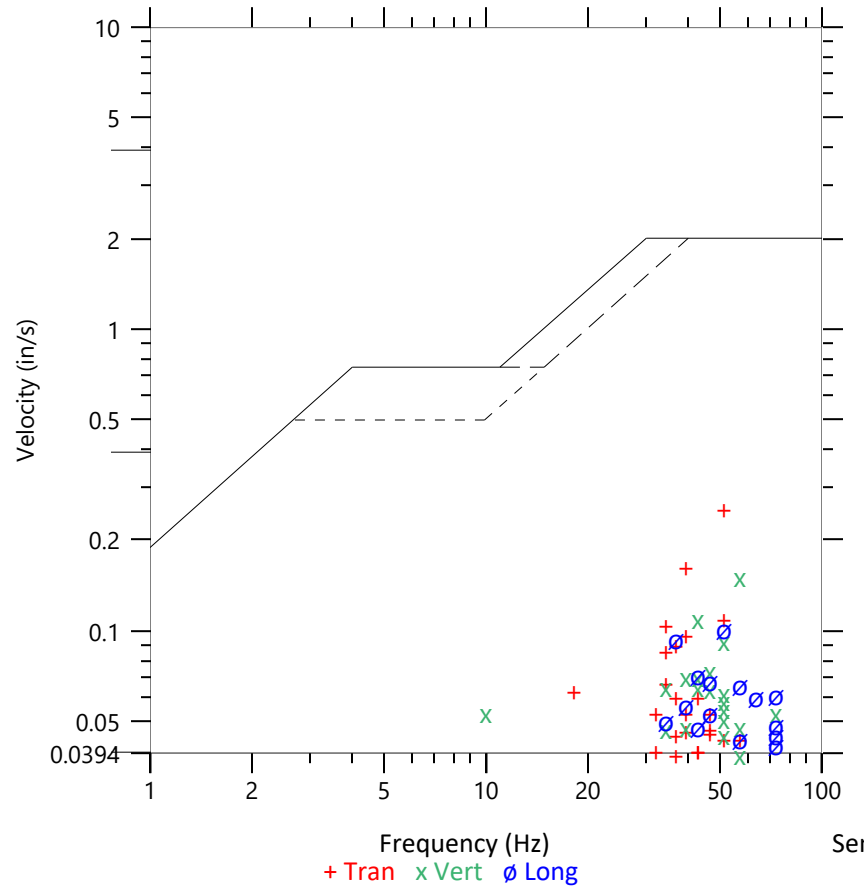
Geophone

Peak Particle Velocity
 Zero Crossing Frequency
 Time (Relative to Trigger)
 Peak Acceleration
 Peak Displacement
 Sensor Check
 Frequency
 Overswing Ratio

Tran	Vert	Long
0.2557 in/s	0.1521 in/s	0.1033 in/s
56.9 Hz	56.9 Hz	51.2 Hz
0.002 sec	0.007 sec	-0.333 sec
0.227 g	0.142 g	0.090 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.5 Hz
4.1	4.6	4.9

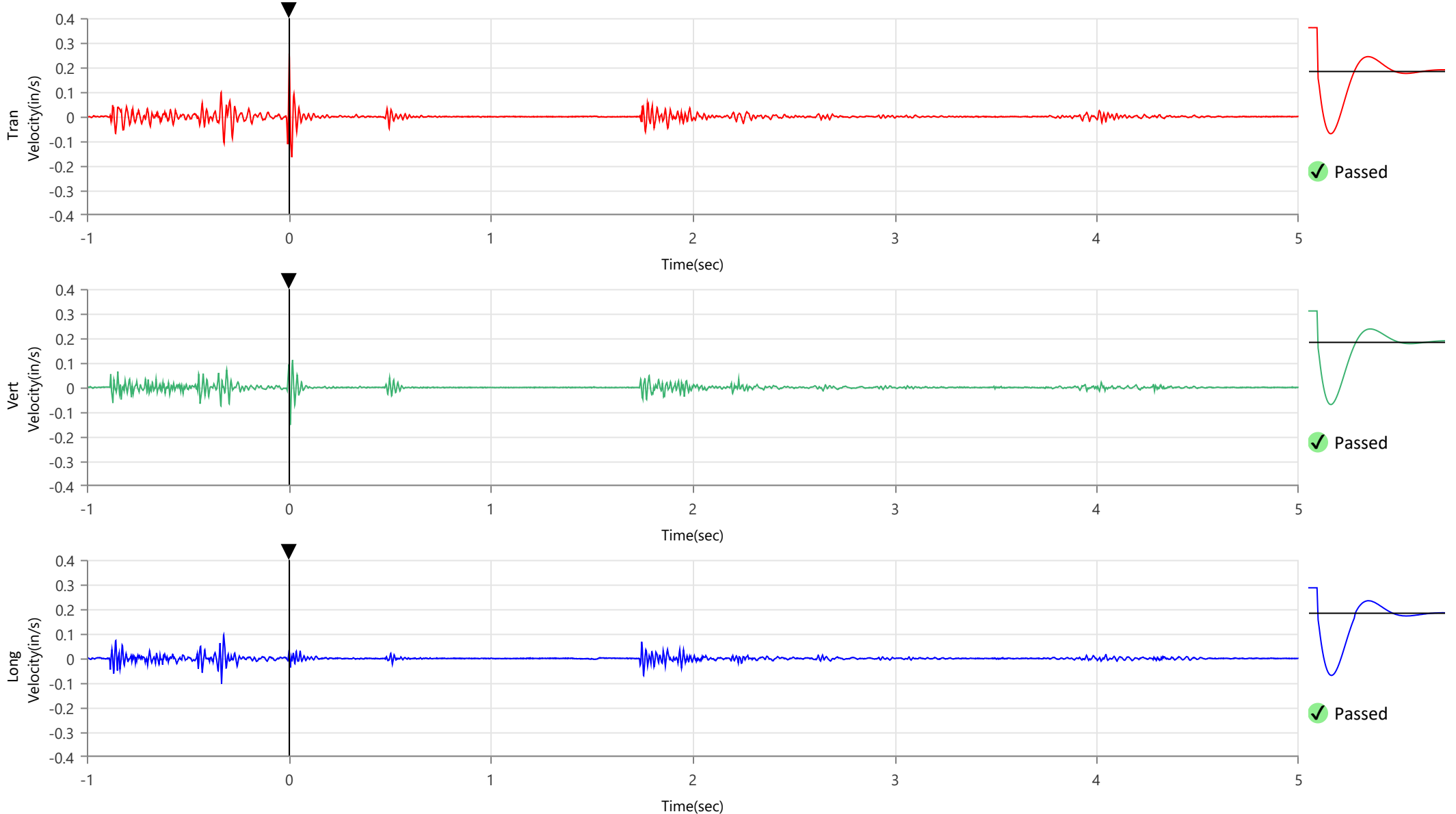
Peak Vector Sum: 0.2605 in/s at 0.002 sec

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Sensor Check

Frequency (Hz)
 + Tran x Vert o Long



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

Tran at March 9, 2026 08:04:23
 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

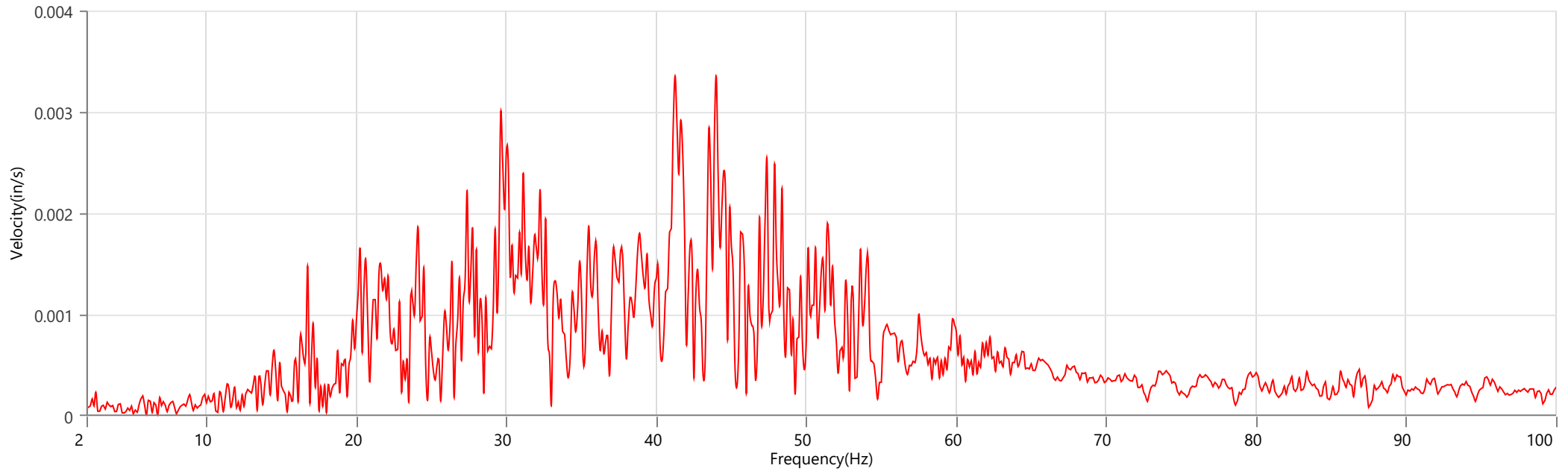
UM17584
 Micromate ISEE 11.0CB
 3.8 volts
 January 22, 2026 by Instantel
 UM17584_20260309080423.IDFW
 Disabled

Notes

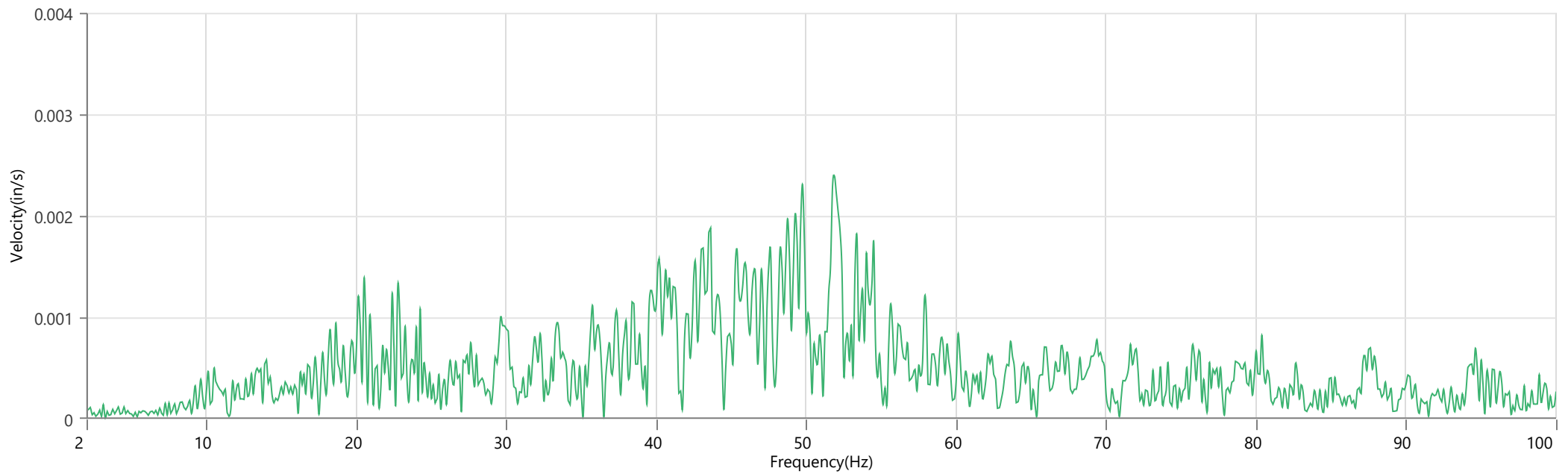
Location Thurston Elementary School, Ann Arbor
 Client Gilbane Building Company
 Company G2 Consulting Group, LLC
 General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

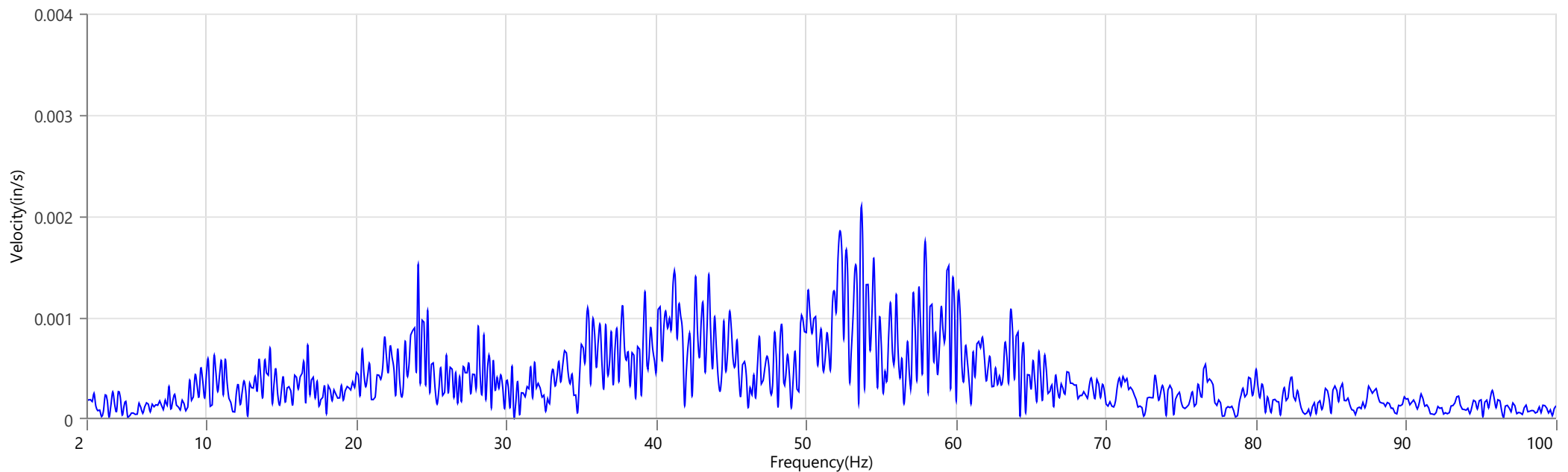
Tran - Dominant Frequency 41.2 Hz, Amplitude 0.0034 in/s (Peak Particle Velocity: 0.2557 in/s)



Vert - Dominant Frequency 51.9 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1521 in/s)



Long - Dominant Frequency 53.6 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1033 in/s)



Start March 9, 2026 08:05:10
Finish March 9, 2026 11:59:59
Number of Intervals/Interval 15.65/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

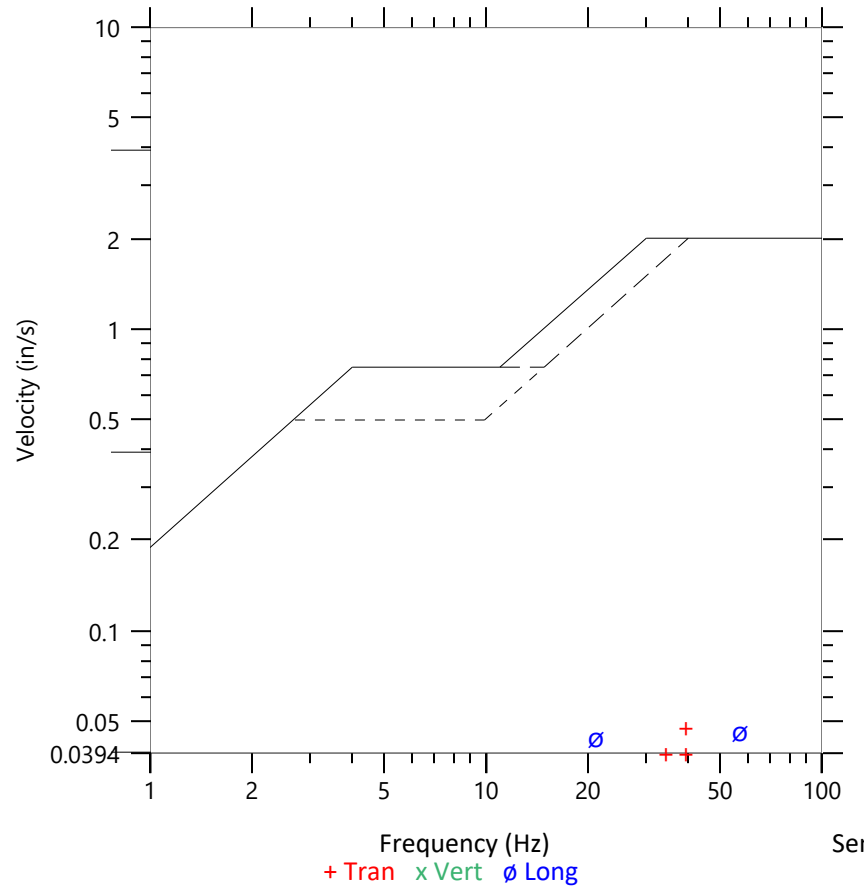
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260309080510.IDFH
USB Sensor Support Disabled

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	0.0490 in/s	0.0391 in/s	0.0472 in/s
Zero Crossing Frequency	39.4 Hz	64.0 Hz	56.9 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	08:20:10	08:35:10	08:35:10
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.6	4.9
Peak Vector Sum	0.0605 in/s at March 9, 2026 08:20:10		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Start March 9, 2026 12:03:26
Finish March 9, 2026 16:59:59
Number of Intervals/Interval 19.77/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260309120326.IDFH
USB Sensor Support Disabled

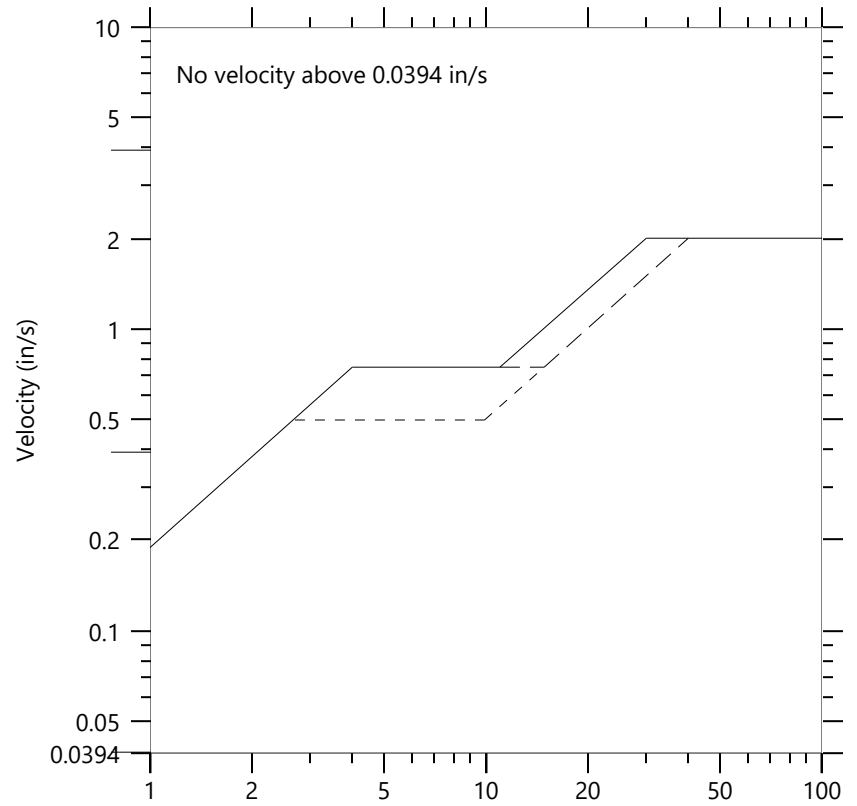
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0106 in/s	0.0074 in/s	0.0102 in/s
Zero Crossing Frequency	39.4 Hz	42.7 Hz	42.7 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	16:03:26	16:03:26	15:18:26
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.1	4.6	4.9

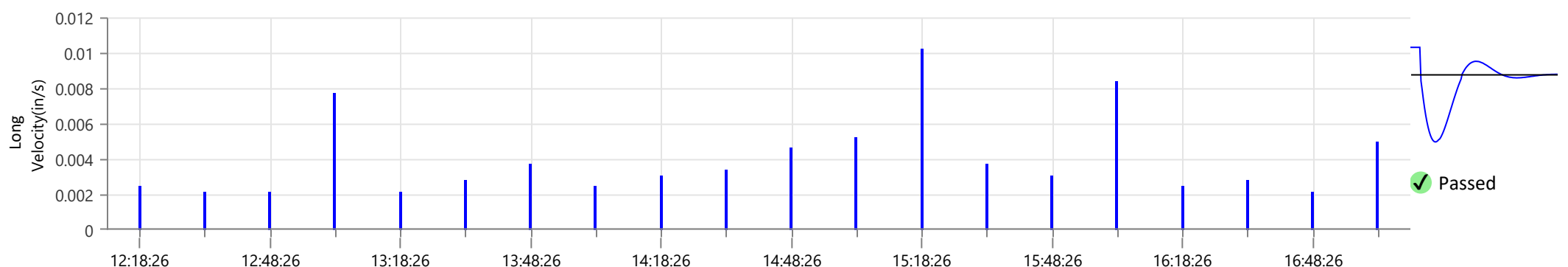
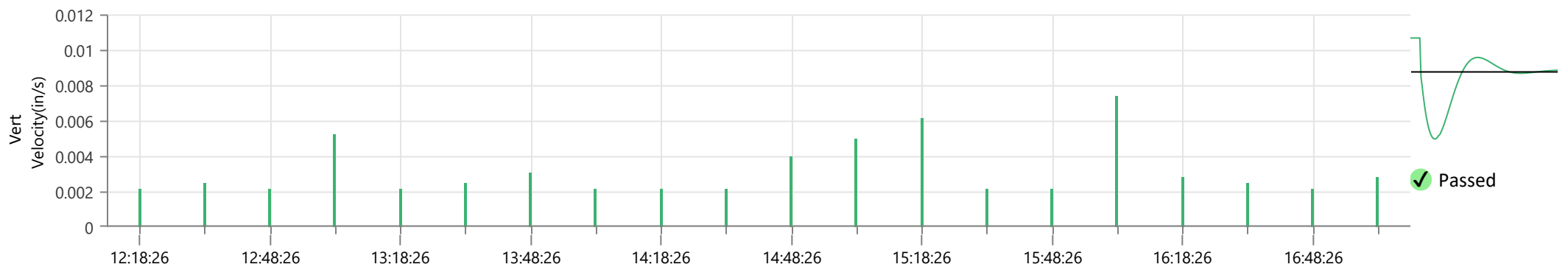
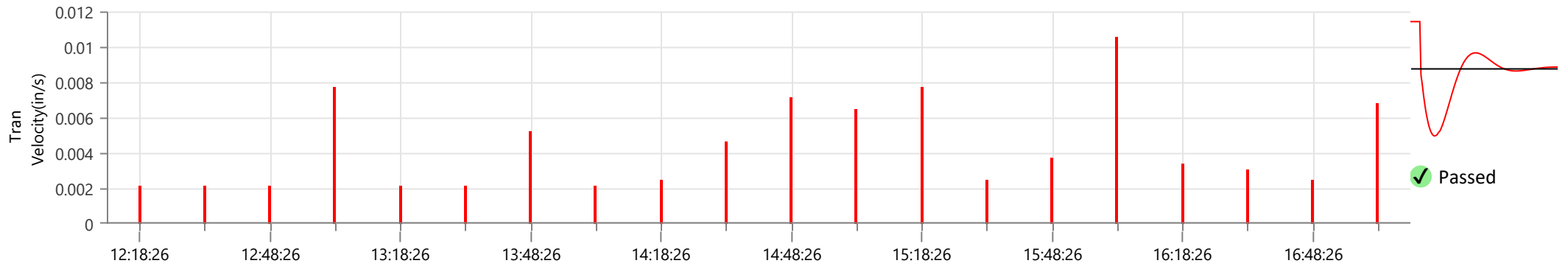
Peak Vector Sum 0.0117 in/s at March 9, 2026 16:03:26

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 9, 2026 17:02:00
Finish March 10, 2026 07:29:59
Number of Intervals/Interval 57.87/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260309170200.IDFH
USB Sensor Support Disabled

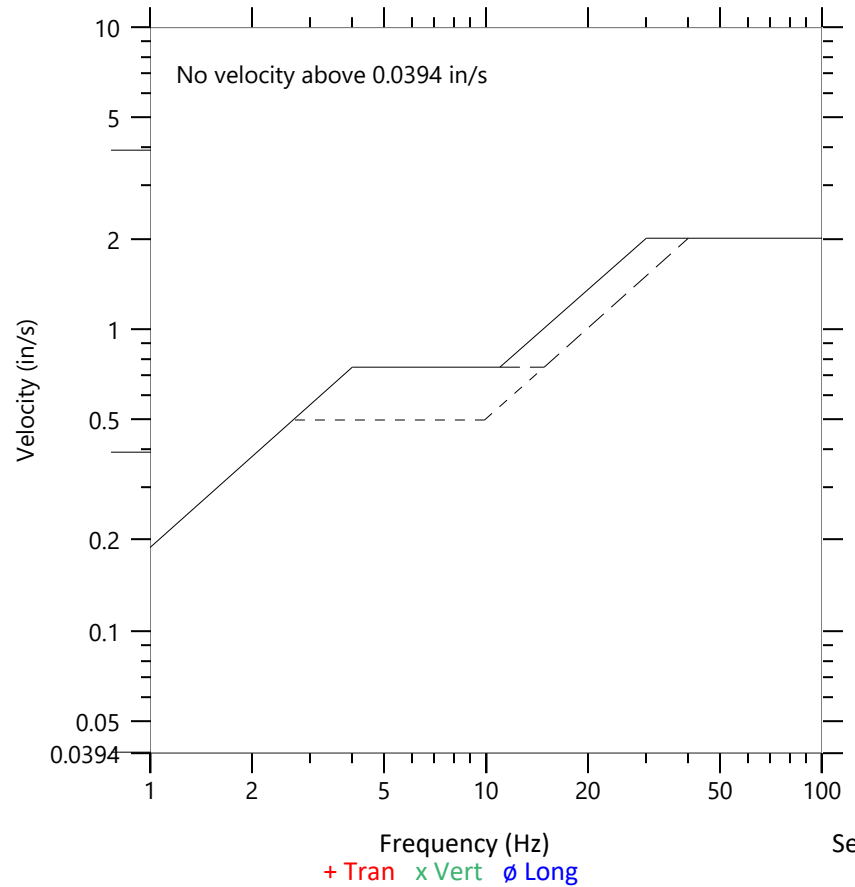
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

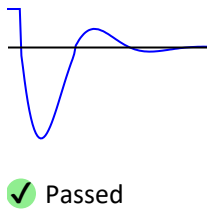
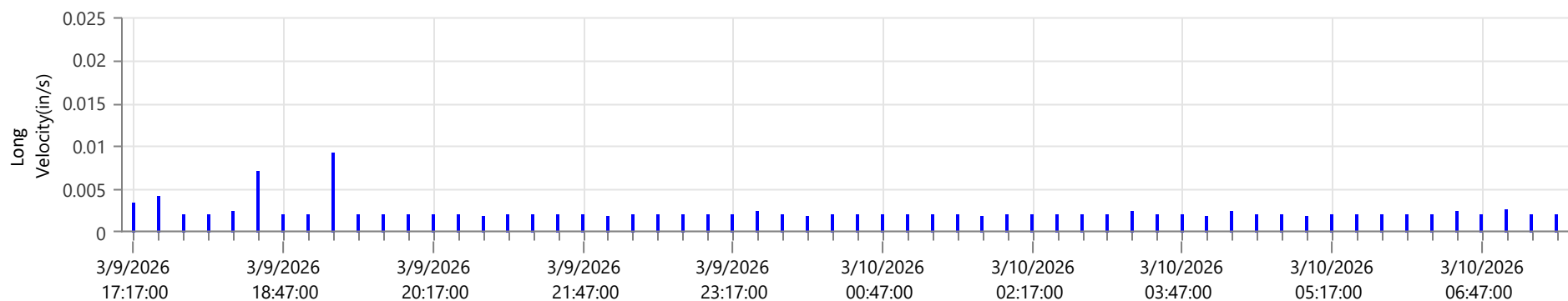
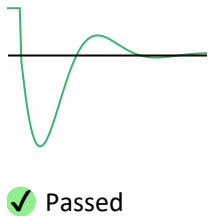
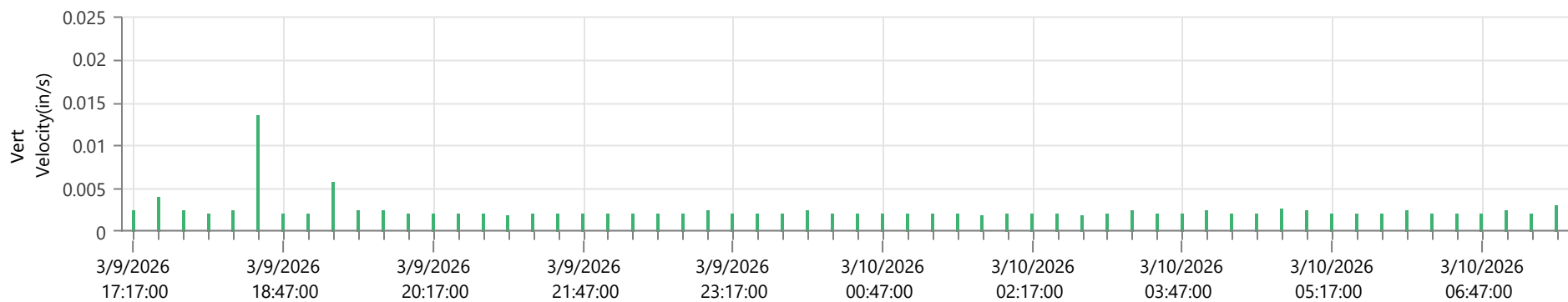
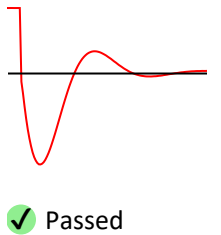
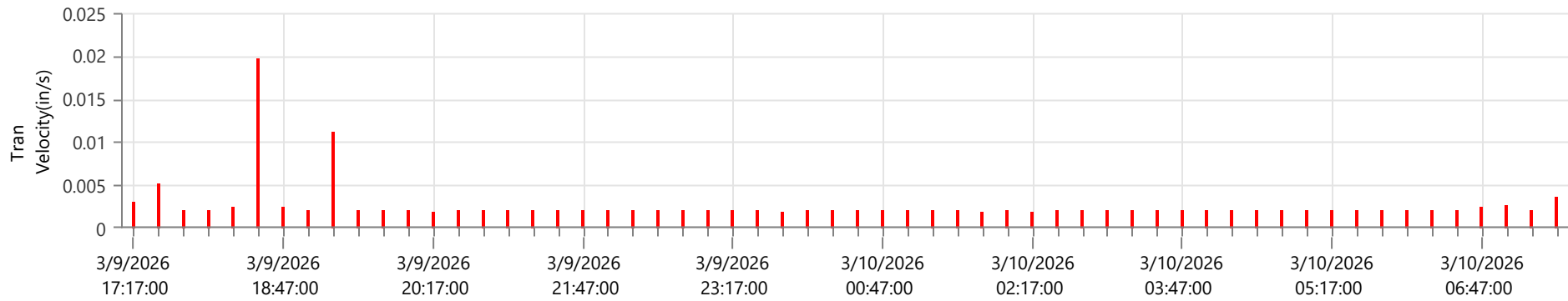
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0199 in/s	0.0137 in/s	0.0093 in/s
Zero Crossing Frequency	42.7 Hz	51.2 Hz	39.4 Hz
Date	Mar 9, 2026	Mar 9, 2026	Mar 9, 2026
Time	18:32:00	18:32:00	19:17:00
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.0	4.5	4.8

Peak Vector Sum 0.0224 in/s at March 9, 2026 18:32:00

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



Start March 10, 2026 07:32:04
Finish March 10, 2026 11:59:59
Number of Intervals/Interval 17.86/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260310073204.IDFH
USB Sensor Support Disabled

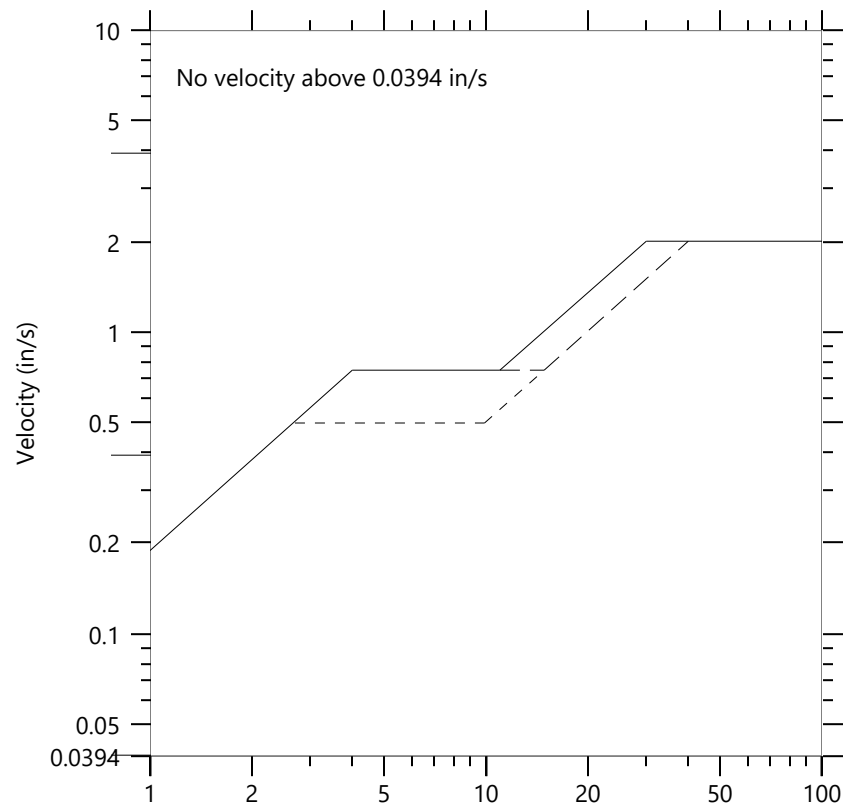
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0317 in/s	0.0109 in/s	0.0133 in/s
Zero Crossing Frequency	32.0 Hz	24.4 Hz	30.1 Hz
Date	Mar 10, 2026	Mar 10, 2026	Mar 10, 2026
Time	11:59:59	09:47:04	11:59:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	4.9

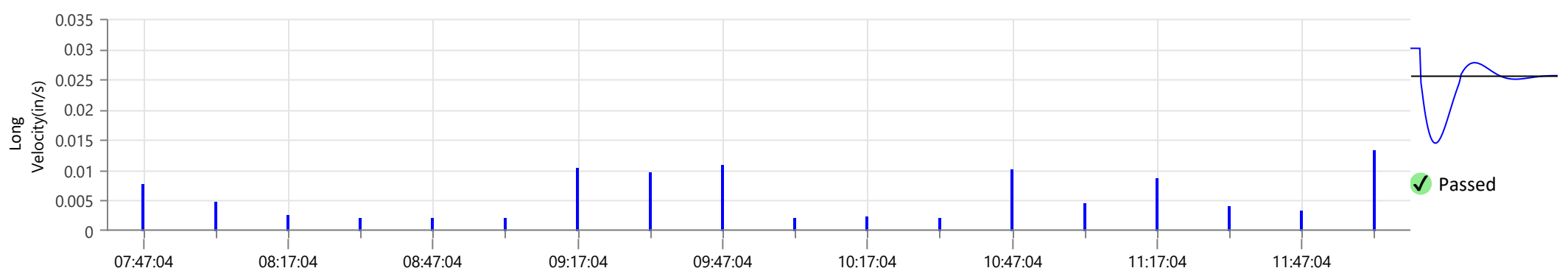
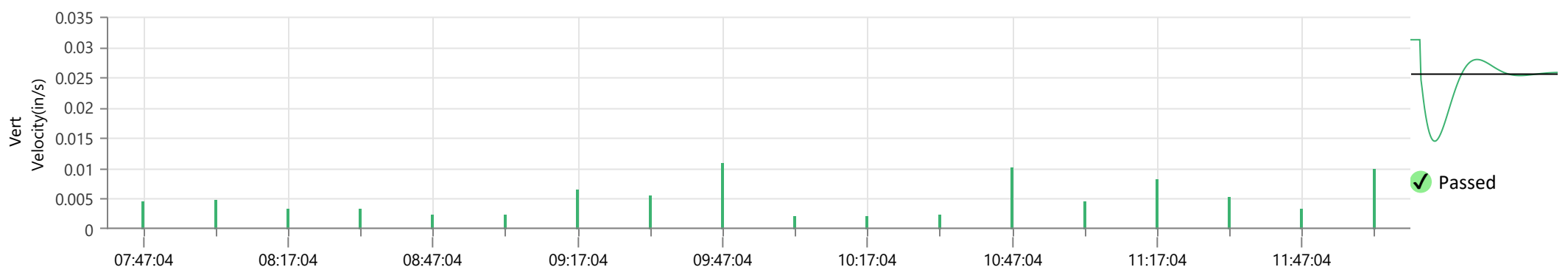
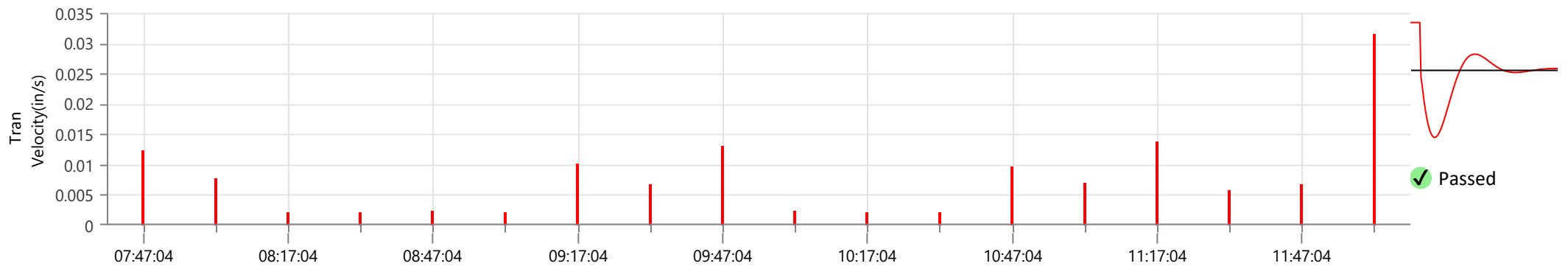
Peak Vector Sum 0.0321 in/s at March 10, 2026 12:02:04

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 10, 2026 12:01:52
Finish March 10, 2026 16:59:59
Number of Intervals/Interval 19.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260310120152.IDFH
USB Sensor Support Disabled

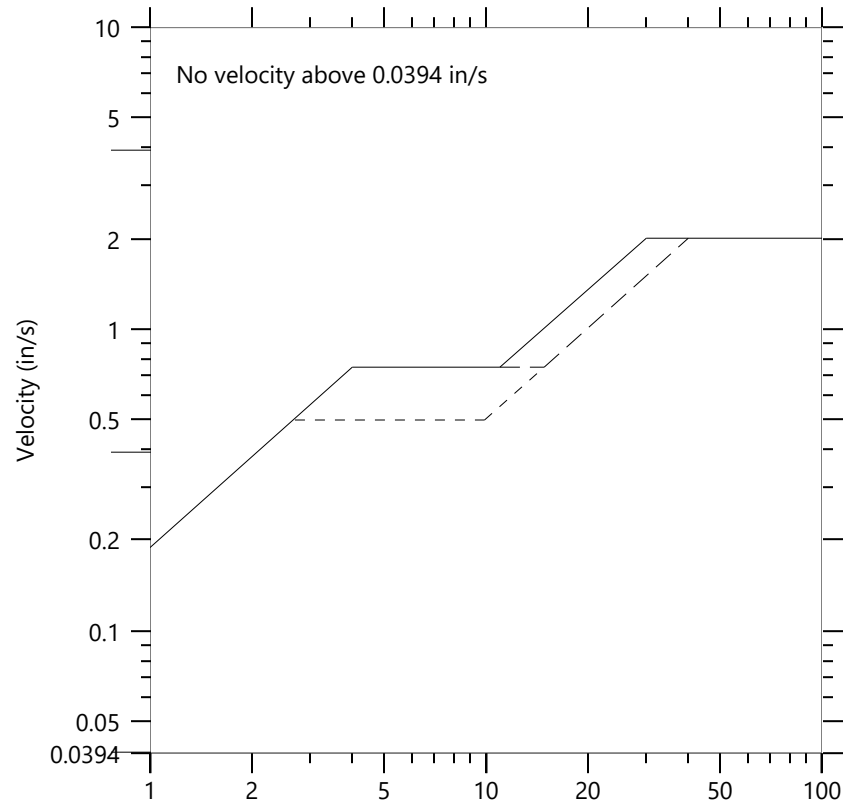
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0282 in/s	0.0099 in/s	0.0174 in/s
Zero Crossing Frequency	34.1 Hz	26.9 Hz	30.1 Hz
Date	Mar 10, 2026	Mar 10, 2026	Mar 10, 2026
Time	12:16:52	12:46:52	12:46:52
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	4.9

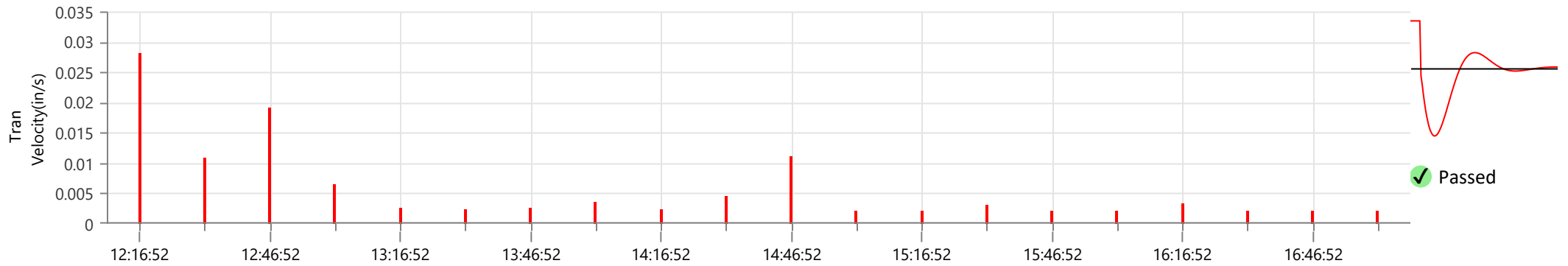
Peak Vector Sum 0.0299 in/s at March 10, 2026 12:16:52

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

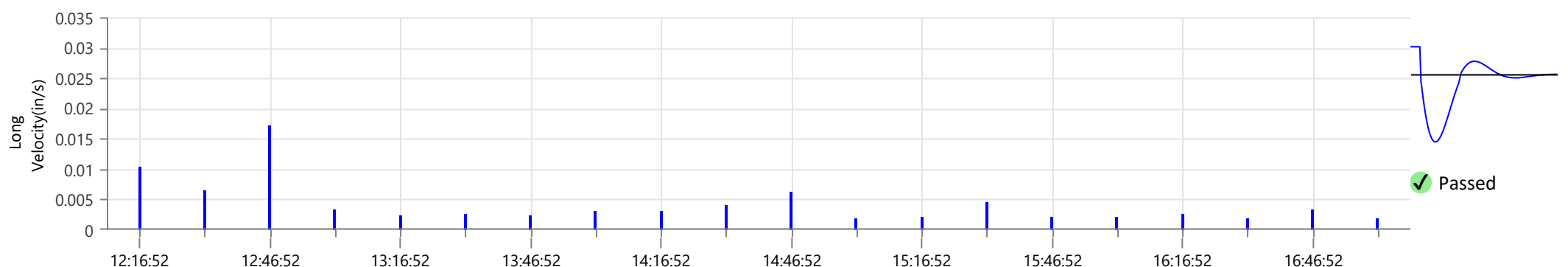
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Start March 10, 2026 17:00:40
Finish March 11, 2026 07:29:59
Number of Intervals/Interval 57.96/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260310170040.IDFH
USB Sensor Support Disabled

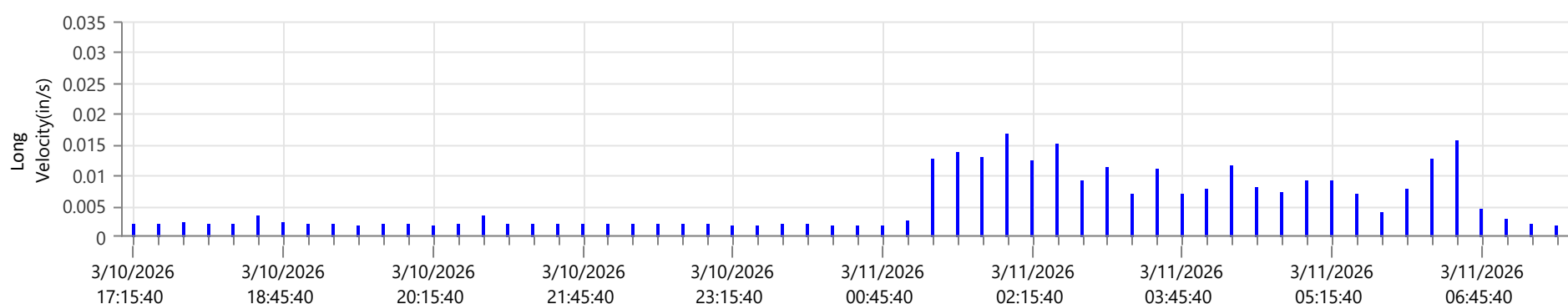
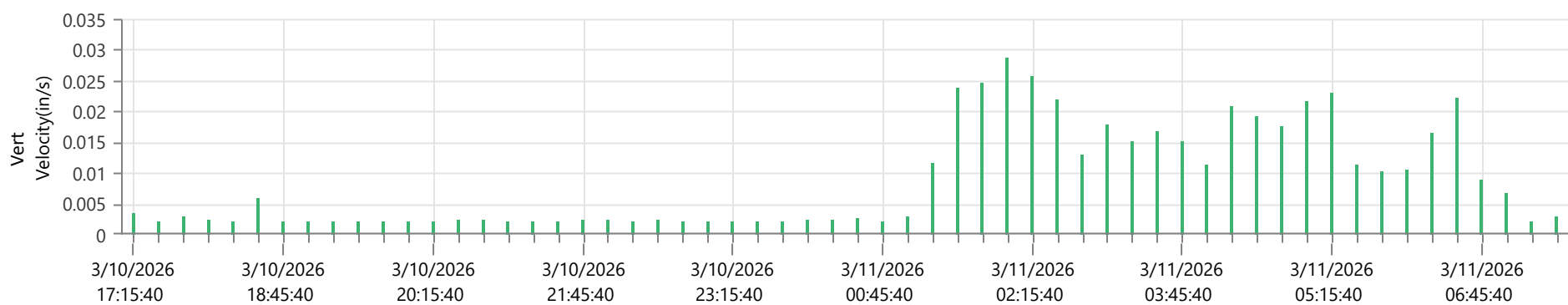
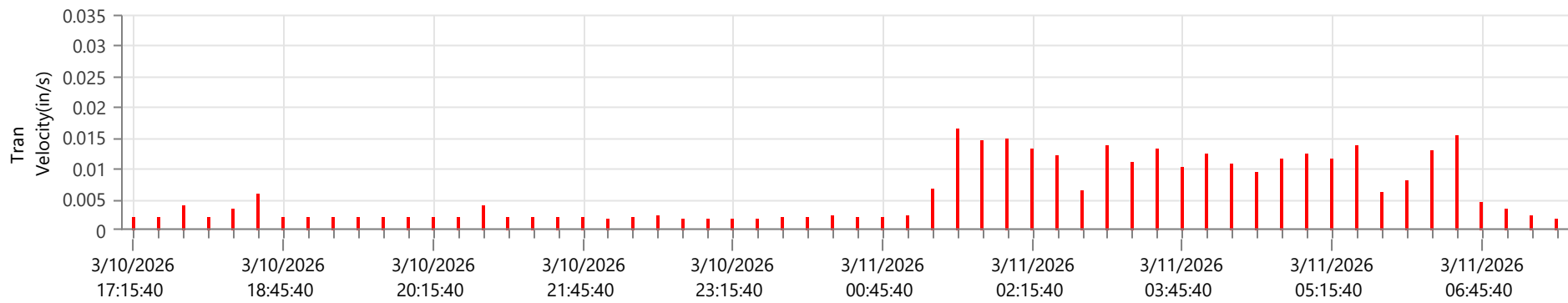
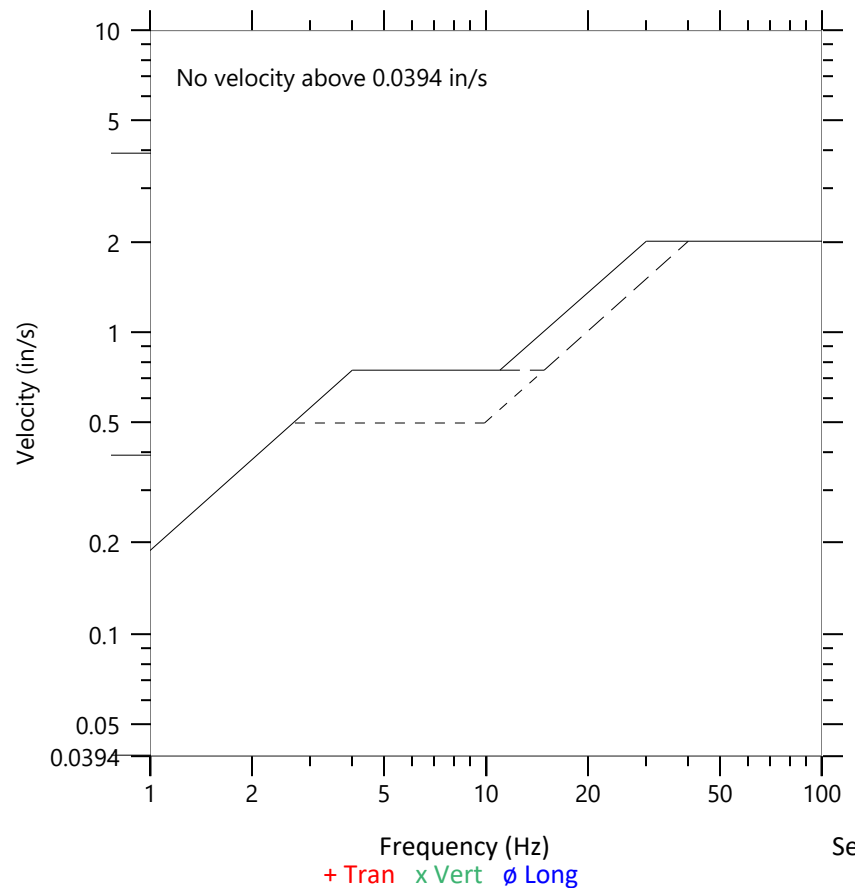
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0164 in/s	0.0289 in/s	0.0168 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Mar 11, 2026	Mar 11, 2026	Mar 11, 2026
Time	01:30:40	02:00:40	02:00:40
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.0	4.4	4.8

Peak Vector Sum 0.0290 in/s at March 11, 2026 02:00:40

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



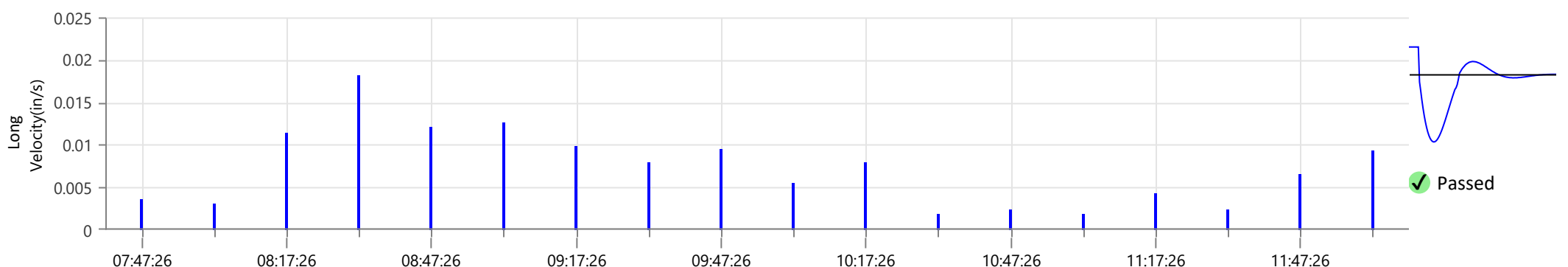
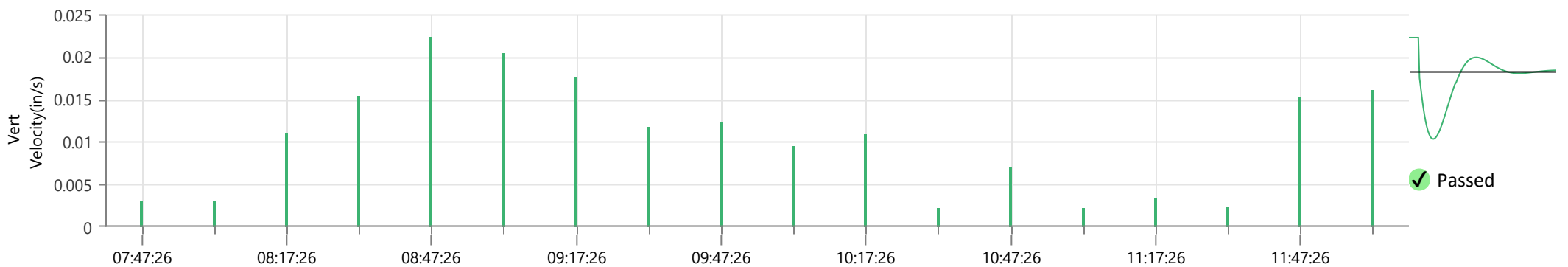
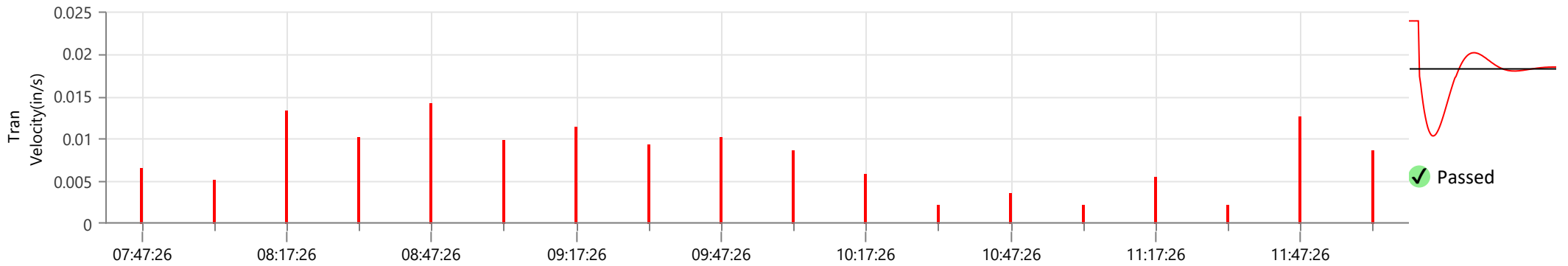
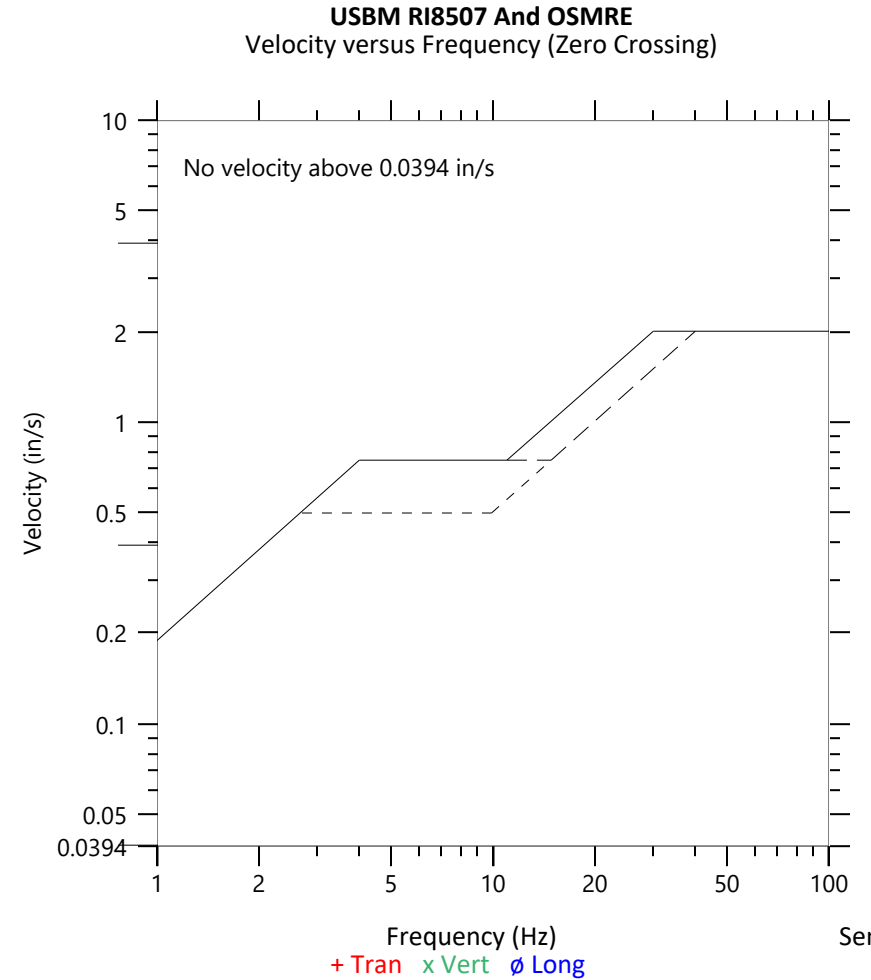
Start March 11, 2026 07:32:26
Finish March 11, 2026 11:59:59
Number of Intervals/Interval 17.84/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260311073226.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	0.0143 in/s	0.0223 in/s	0.0183 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	19.0 Hz
Date	Mar 11, 2026	Mar 11, 2026	Mar 11, 2026
Time	08:47:26	08:47:26	08:32:26
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.5	5.0
Peak Vector Sum	0.0229 in/s at March 11, 2026 08:47:26		



Start March 11, 2026 12:01:49
Finish March 11, 2026 16:59:59
Number of Intervals/Interval 19.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260311120149.IDFH
USB Sensor Support Disabled

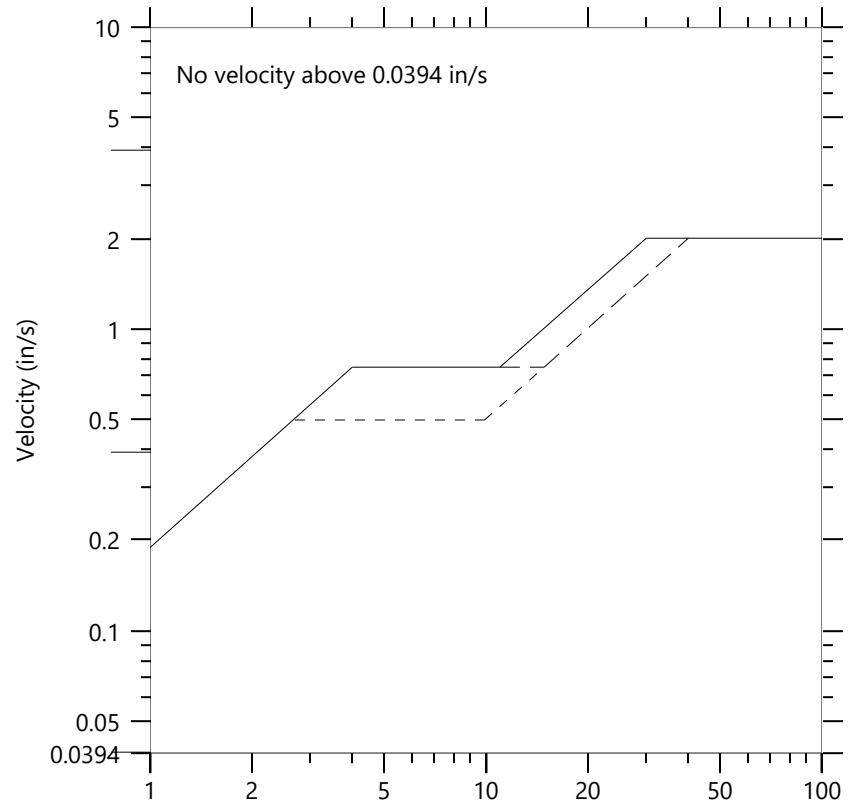
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0152 in/s	0.0171 in/s	0.0137 in/s
Zero Crossing Frequency	26.9 Hz	25.6 Hz	26.9 Hz
Date	Mar 11, 2026	Mar 11, 2026	Mar 11, 2026
Time	13:16:49	12:31:49	14:01:49
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.1	4.5	5.0

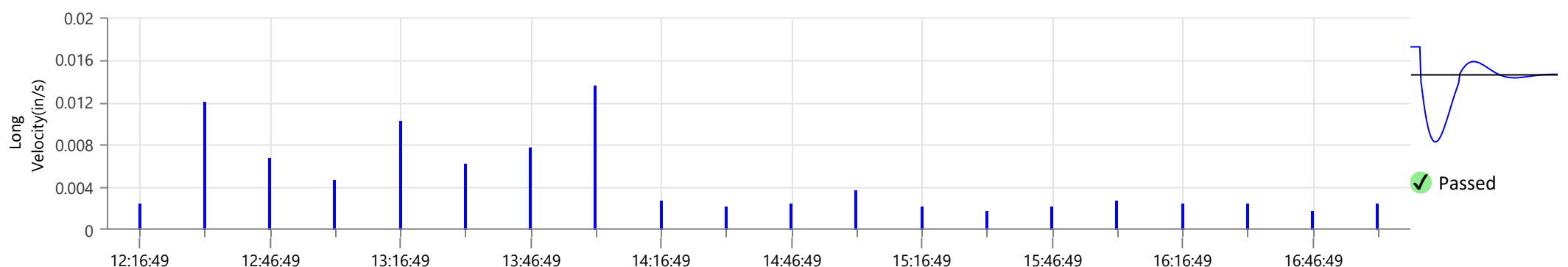
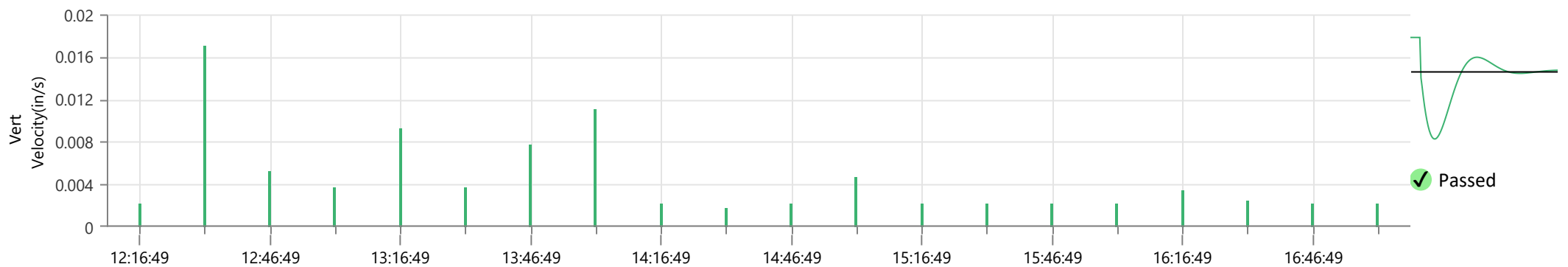
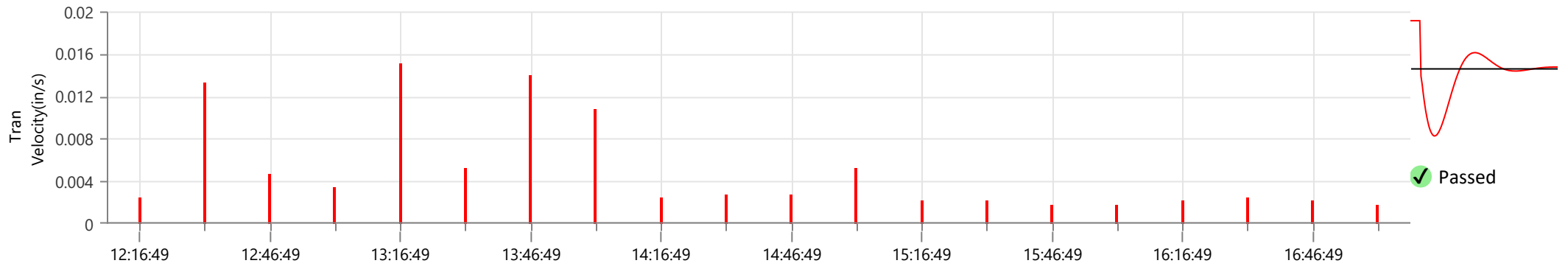
Peak Vector Sum 0.0204 in/s at March 11, 2026 12:31:49

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 11, 2026 17:01:52
Finish March 12, 2026 07:29:59
Number of Intervals/Interval 57.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260311170152.IDFH
USB Sensor Support Disabled

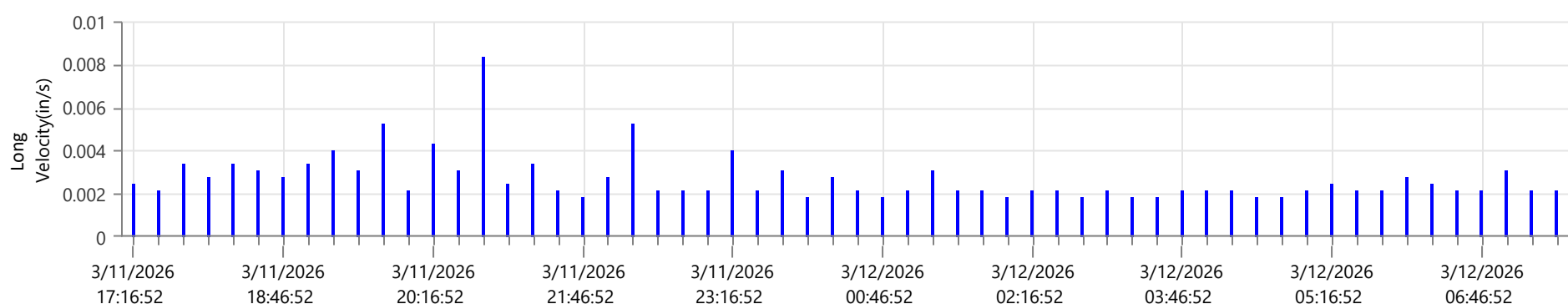
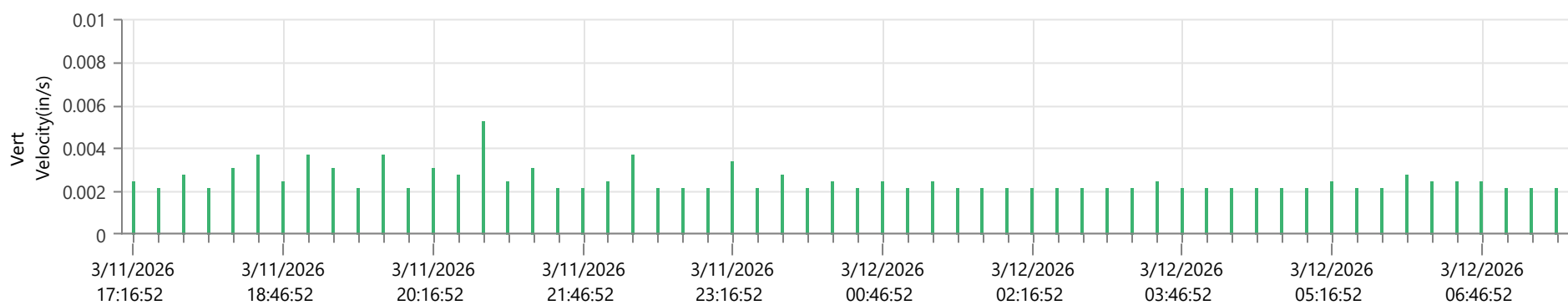
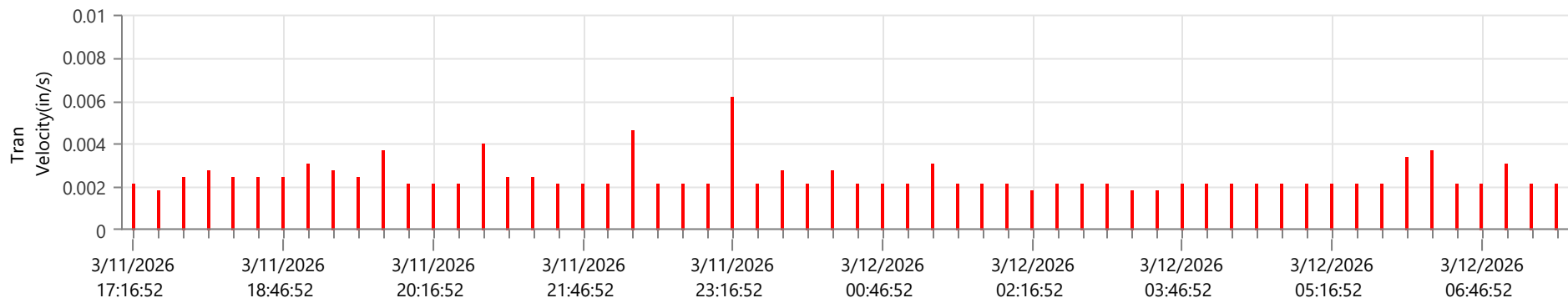
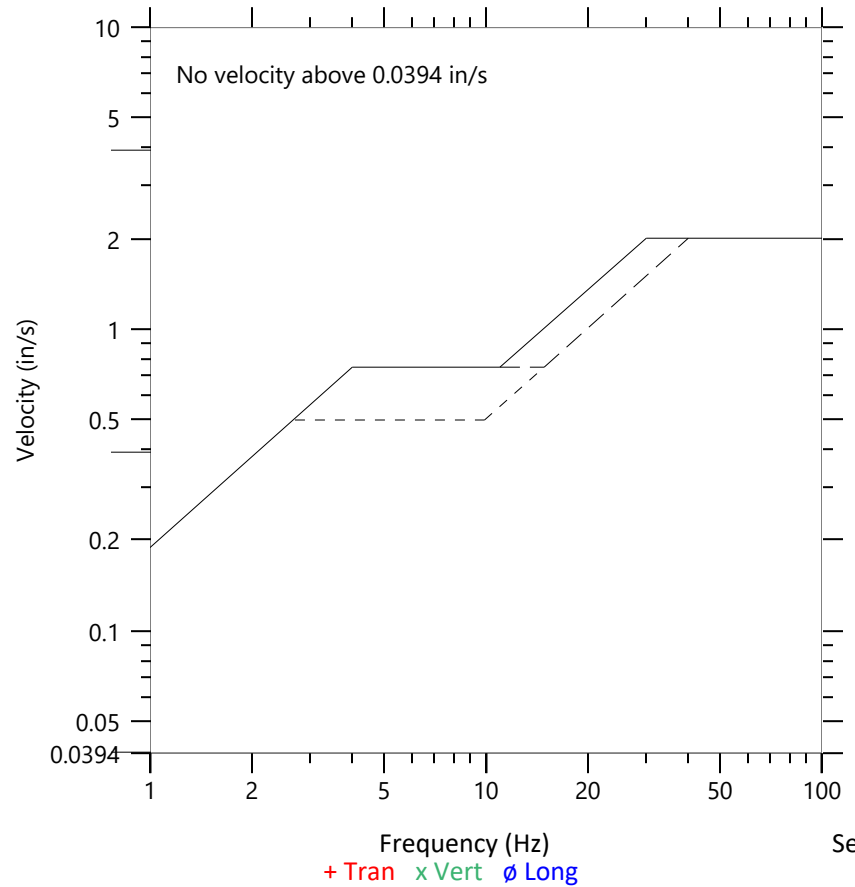
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0062 in/s	0.0053 in/s	0.0084 in/s
Zero Crossing Frequency	32.0 Hz	42.7 Hz	28.4 Hz
Date	Mar 11, 2026	Mar 11, 2026	Mar 11, 2026
Time	23:16:52	20:46:52	20:46:52
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.1	4.5	5.0

Peak Vector Sum 0.0087 in/s at March 11, 2026 20:46:52

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Start March 12, 2026 07:31:59
Finish March 12, 2026 11:59:59
Number of Intervals/Interval 17.87/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

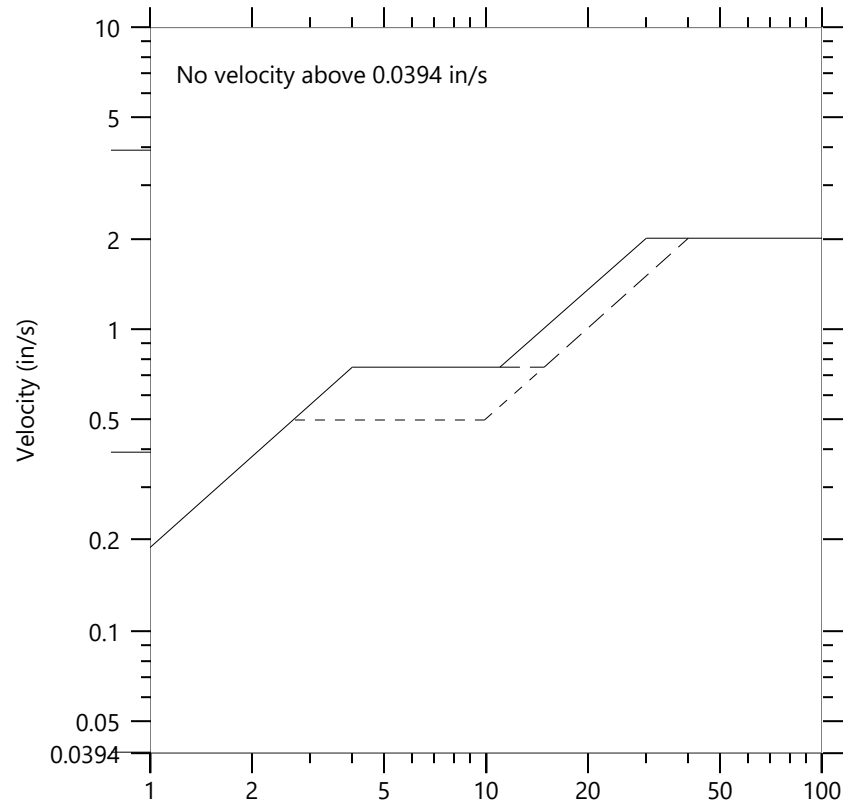
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260312073159.IDFH
USB Sensor Support Disabled

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.

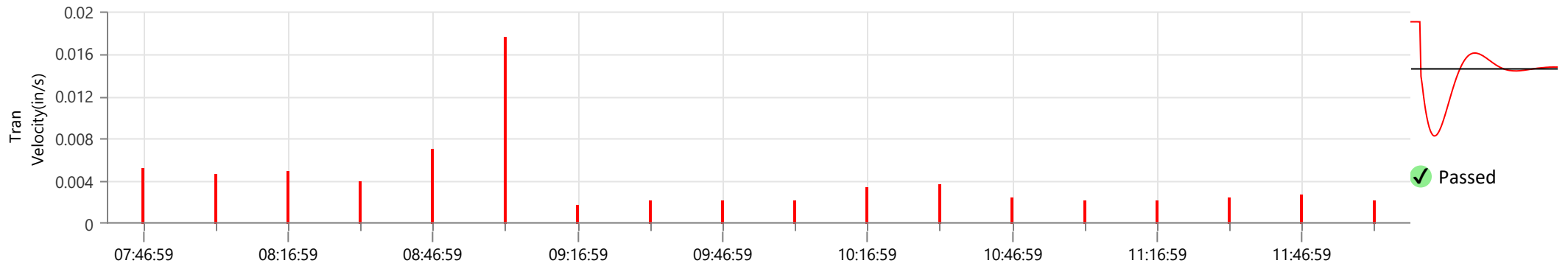
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0177 in/s	0.0090 in/s	0.0087 in/s
Zero Crossing Frequency	39.4 Hz	56.9 Hz	15.5 Hz
Date	Mar 12, 2026	Mar 12, 2026	Mar 12, 2026
Time	09:01:59	09:01:59	09:01:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.2	4.6	5.1
 Peak Vector Sum	0.0190 in/s at March 12, 2026 09:01:59		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

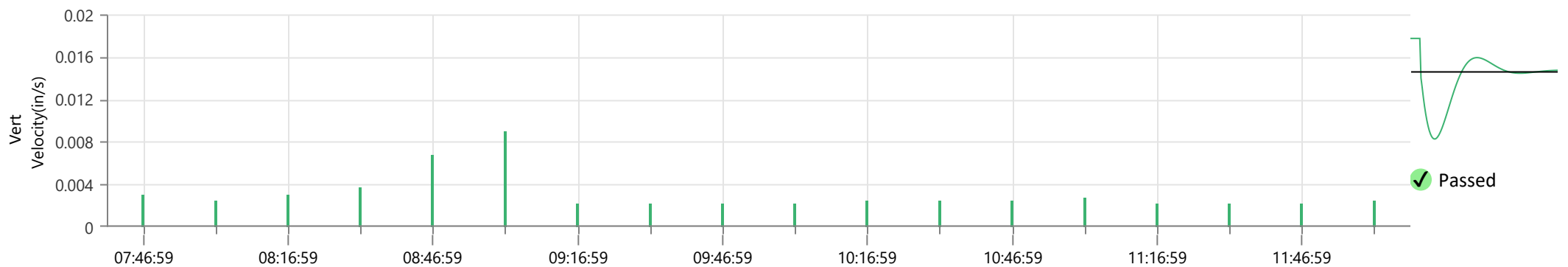


Frequency (Hz)
 + Tran x Vert ø Long

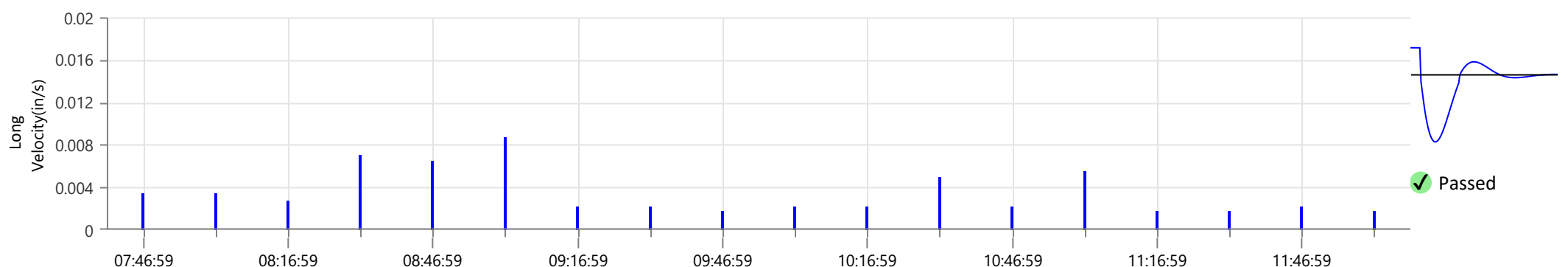
Sensor Check



✓ Passed



✓ Passed



✓ Passed

Start March 12, 2026 12:01:52
Finish March 12, 2026 16:59:59
Number of Intervals/Interval 19.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260312120152.IDFH
USB Sensor Support Disabled

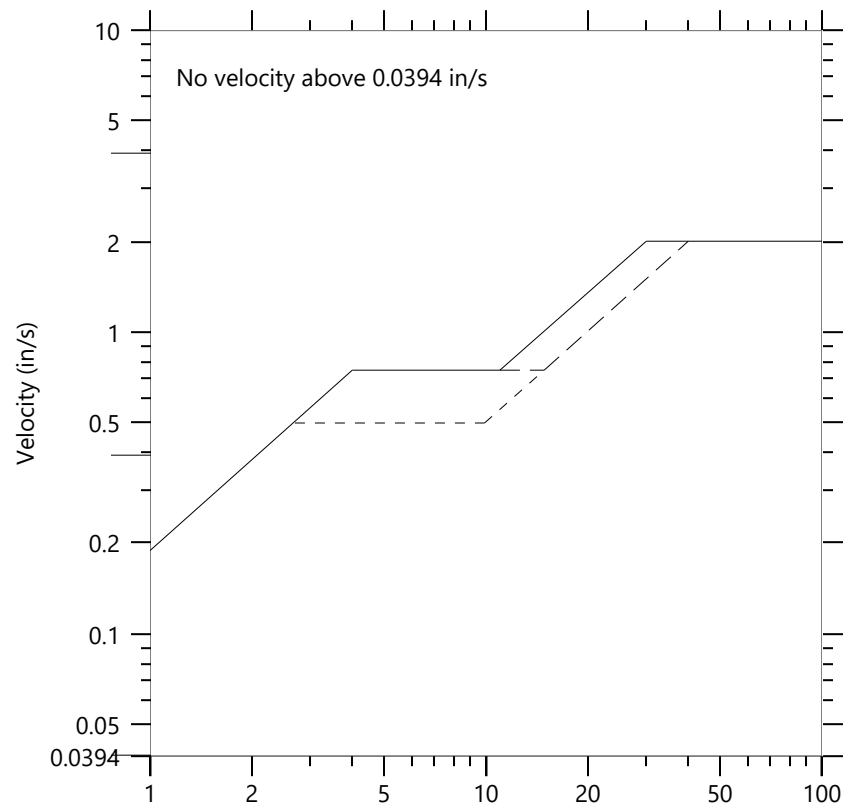
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0220 in/s	0.0109 in/s	0.0133 in/s
Zero Crossing Frequency	36.6 Hz	51.2 Hz	46.5 Hz
Date	Mar 12, 2026	Mar 12, 2026	Mar 12, 2026
Time	15:01:52	15:01:52	15:01:52
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.1 Hz	7.5 Hz
Overswing Ratio	4.2	4.6	5.0

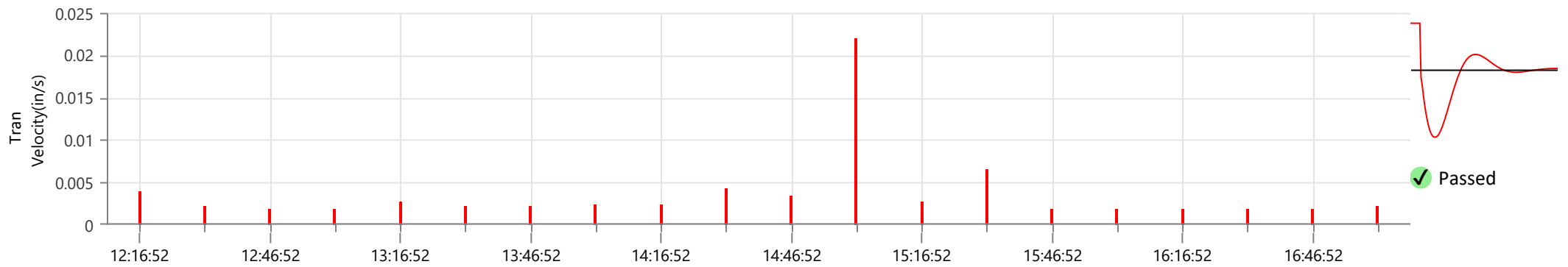
Peak Vector Sum 0.0236 in/s at March 12, 2026 15:01:52

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 12, 2026 17:01:51
Finish March 13, 2026 07:29:59
Number of Intervals/Interval 57.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

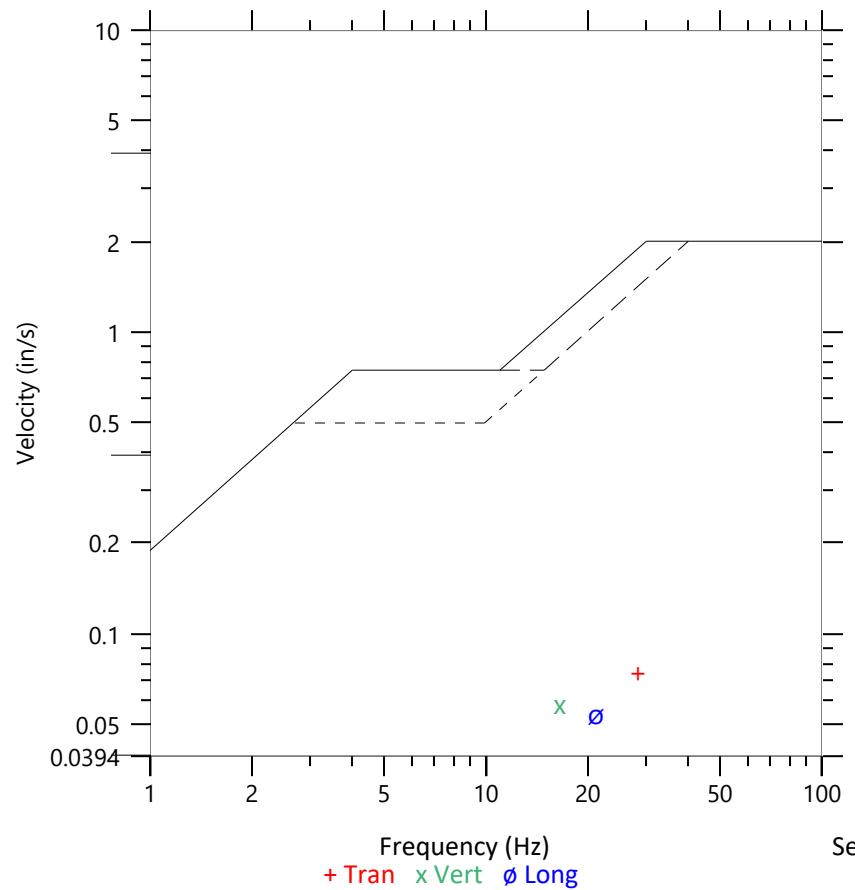
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260312170151.IDFH
USB Sensor Support Disabled

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.

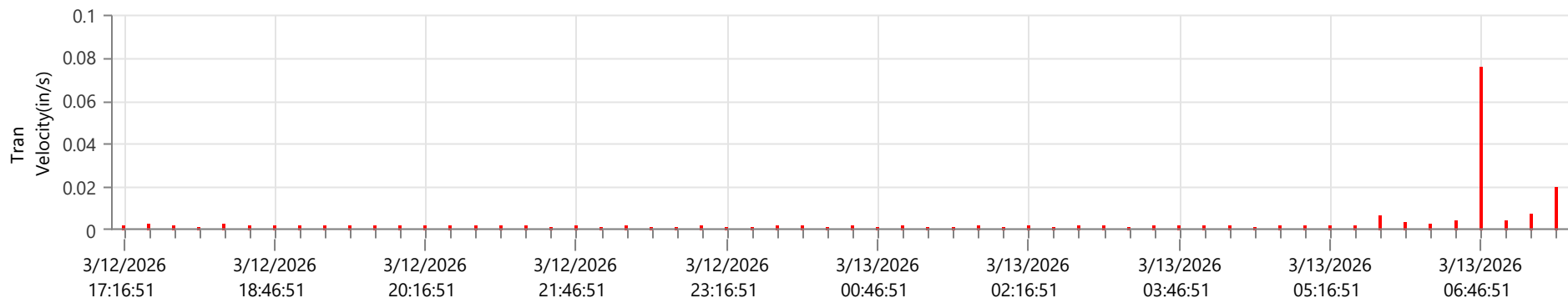
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0763 in/s	0.0599 in/s	0.0555 in/s
Zero Crossing Frequency	28.4 Hz	16.5 Hz	21.3 Hz
Date	Mar 13, 2026	Mar 13, 2026	Mar 13, 2026
Time	06:46:51	06:46:51	06:46:51
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.7 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.1	4.6	5.0
Peak Vector Sum	0.1046 in/s at March 13, 2026 06:46:51		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

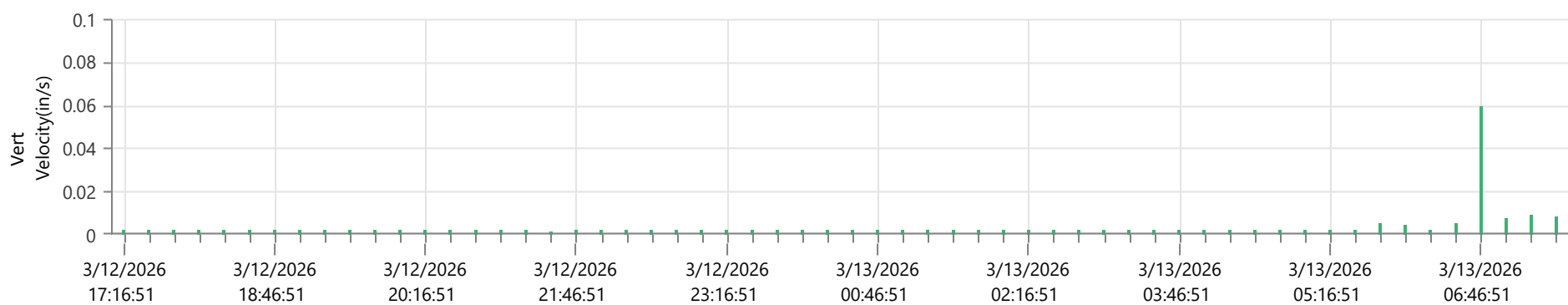


Sensor Check

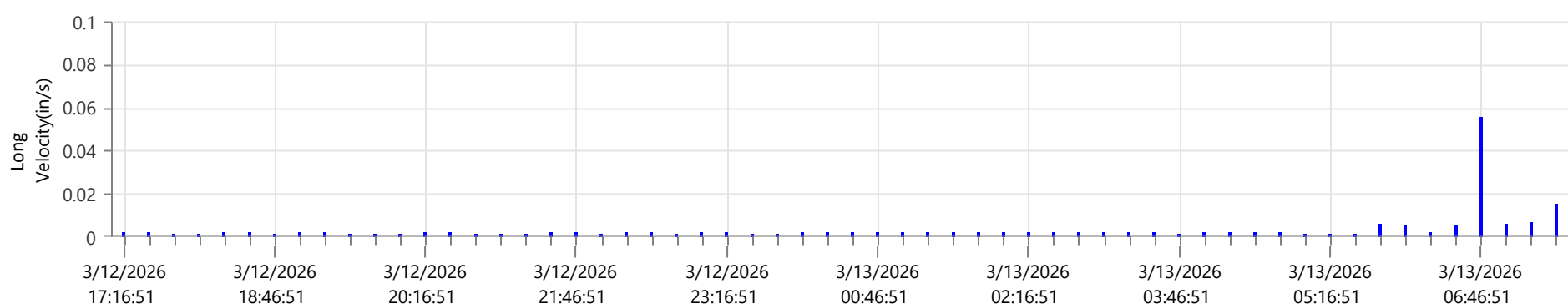
+ Tran x Vert o Long



✓ Passed



✓ Passed



✓ Passed

Start March 13, 2026 07:31:59
Finish March 13, 2026 11:59:59
Number of Intervals/Interval 17.87/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260313073159.IDFH
USB Sensor Support Disabled

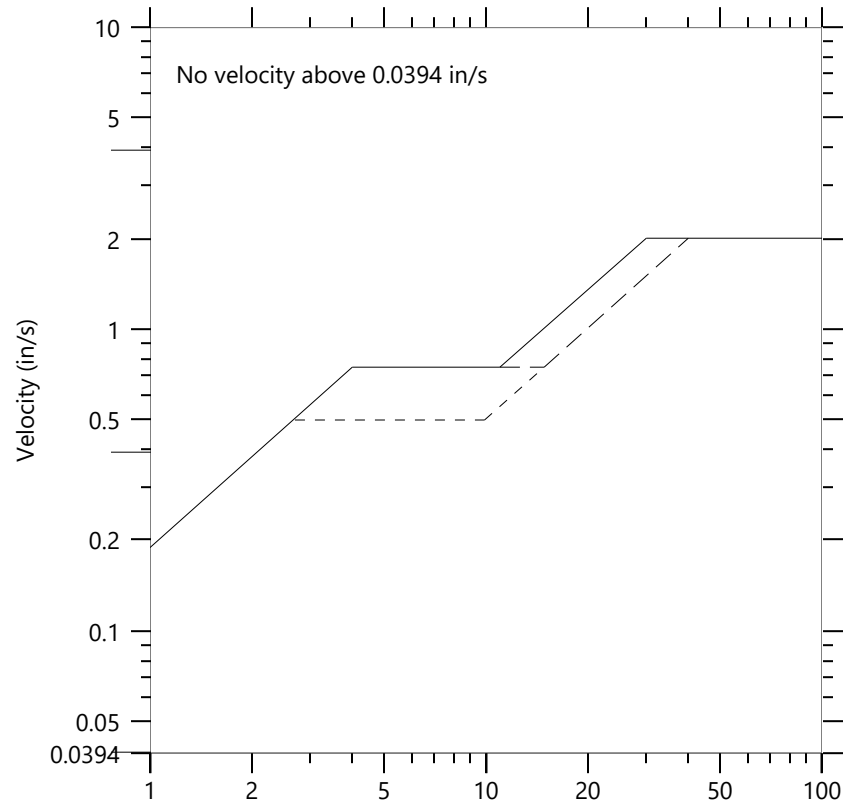
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0090 in/s	0.0065 in/s	0.0090 in/s
Zero Crossing Frequency	39.4 Hz	39.4 Hz	32.0 Hz
Date	Mar 13, 2026	Mar 13, 2026	Mar 13, 2026
Time	11:31:59	10:46:59	11:31:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.1 Hz	7.5 Hz
Overswing Ratio	4.2	4.6	5.1

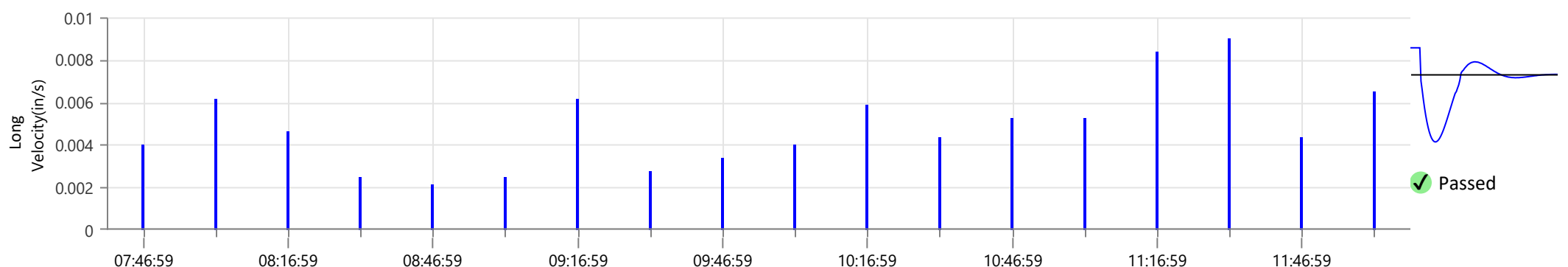
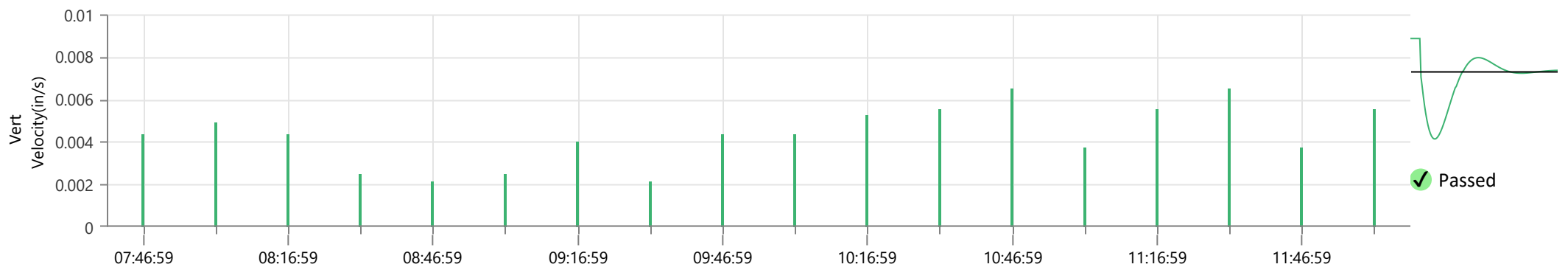
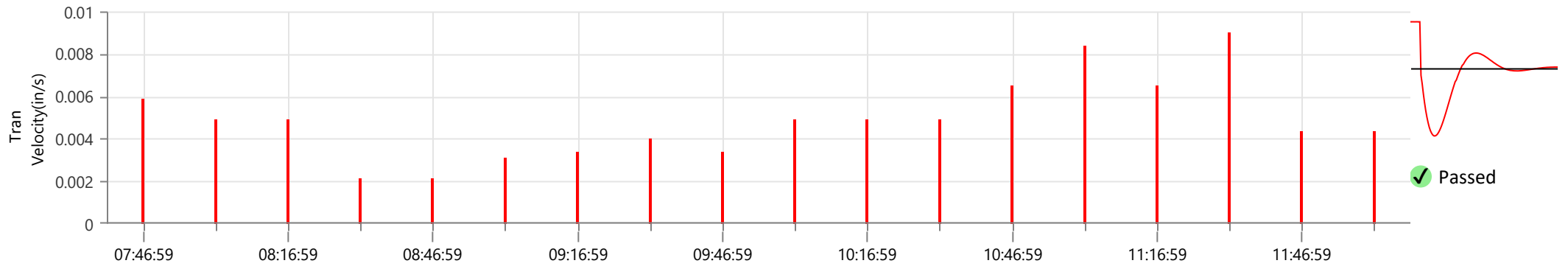
Peak Vector Sum 0.0101 in/s at March 13, 2026 11:31:59

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 13, 2026 12:01:50
Finish March 13, 2026 16:59:59
Number of Intervals/Interval 19.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260313120150.IDFH
USB Sensor Support Disabled

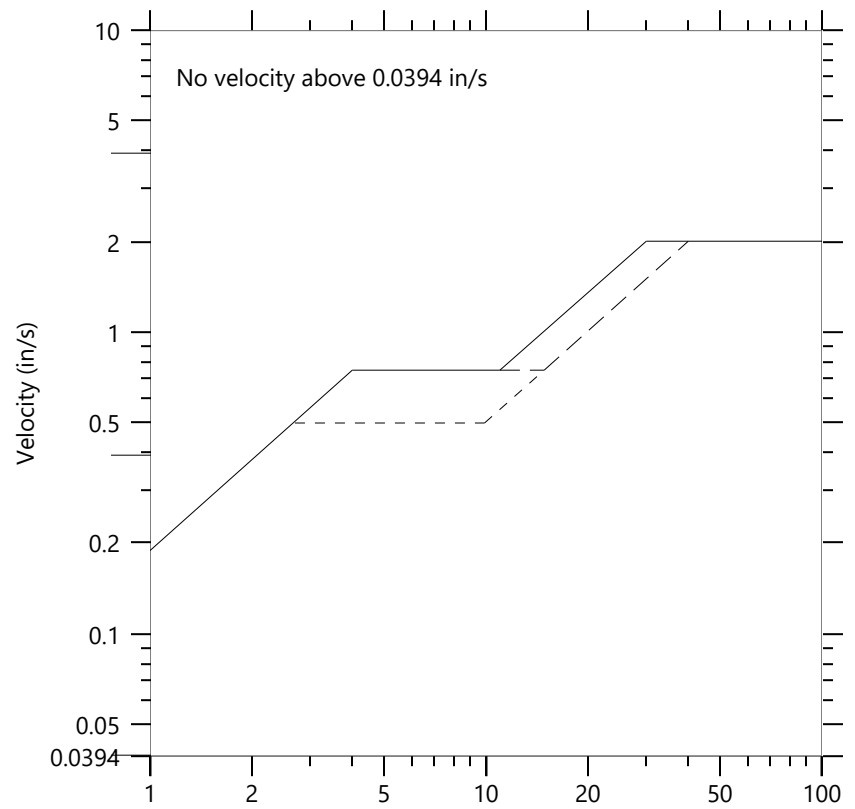
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0199 in/s	0.0093 in/s	0.0130 in/s
Zero Crossing Frequency	17.7 Hz	16.5 Hz	34.1 Hz
Date	Mar 13, 2026	Mar 13, 2026	Mar 13, 2026
Time	13:31:50	13:31:50	16:01:50
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.7 Hz
Overswing Ratio	4.1	4.6	5.1

Peak Vector Sum 0.0203 in/s at March 13, 2026 13:31:50

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check

