



CONSULTING
GROUP

Vibration Monitoring Report Summary

Thurston Elementary
School

Project Number: 233473

Date: 02/27/26 to 3/05/26

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

0.2501 - Vertical Channel on 03-03-26 at 09:05:04

UM17584

7.3Hz

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 within one minute of each other between 9:04 and 9:05 AM on March 2, 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 February 26, 2026 17:01:52
Finish February 27, 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_20260226170152.IDFH
USB Sensor Support Disabled

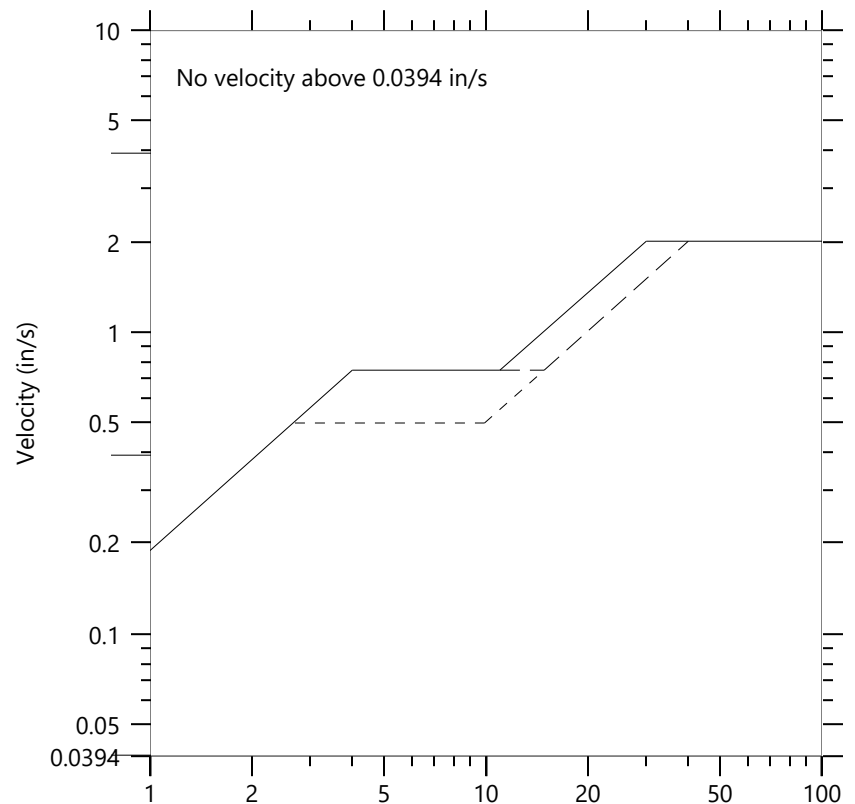
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0236 in/s	0.0223 in/s	0.0102 in/s
Zero Crossing Frequency	20.5 Hz	25.6 Hz	14.6 Hz
Date	Feb 27, 2026	Feb 27, 2026	Feb 27, 2026
Time	07:29:59	07:29:59	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0

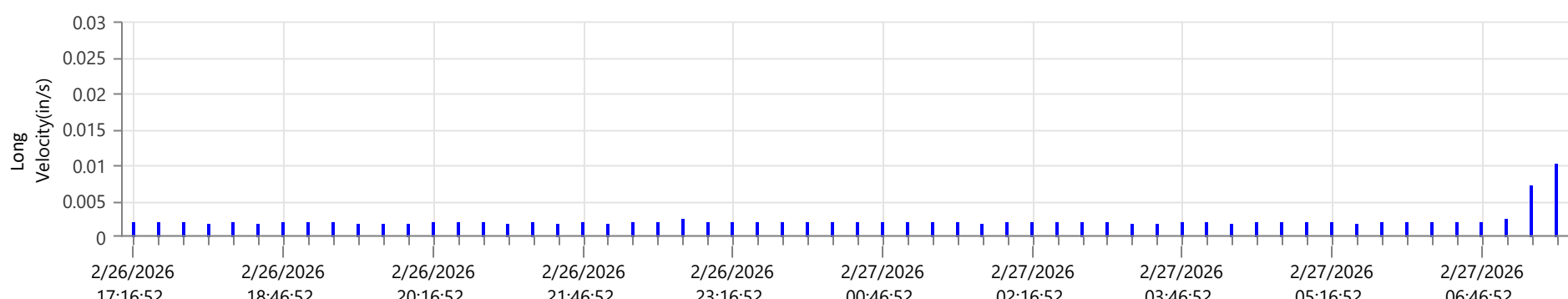
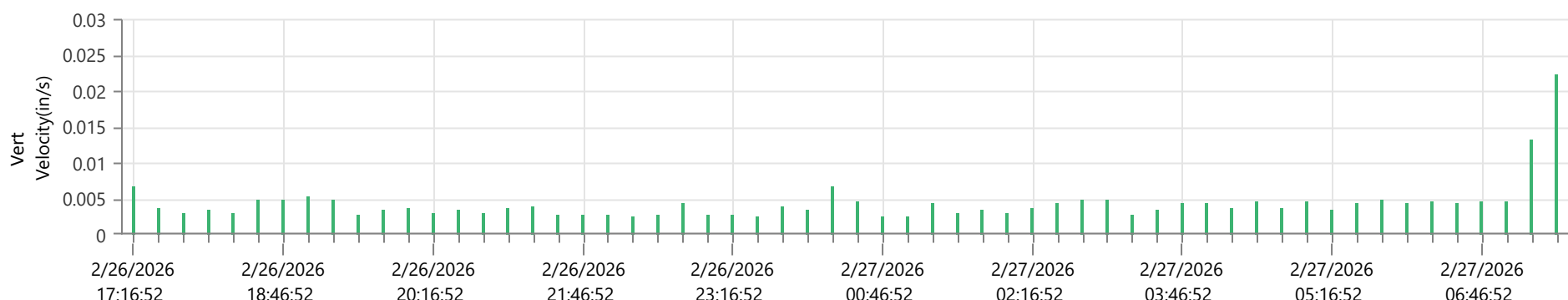
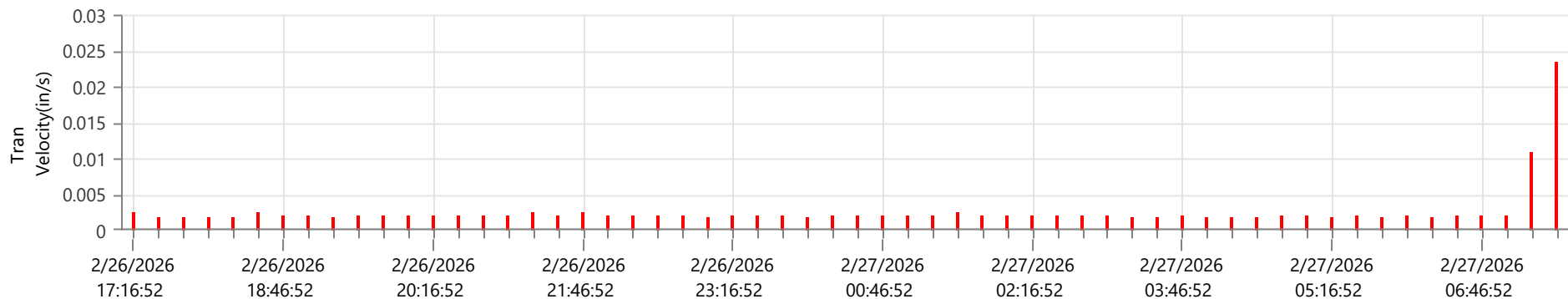
Peak Vector Sum 0.0261 in/s at February 27, 2026 07:31:52

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start February 27, 2026 07:31:59
Finish February 27, 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_20260227073159.IDFH
USB Sensor Support Disabled

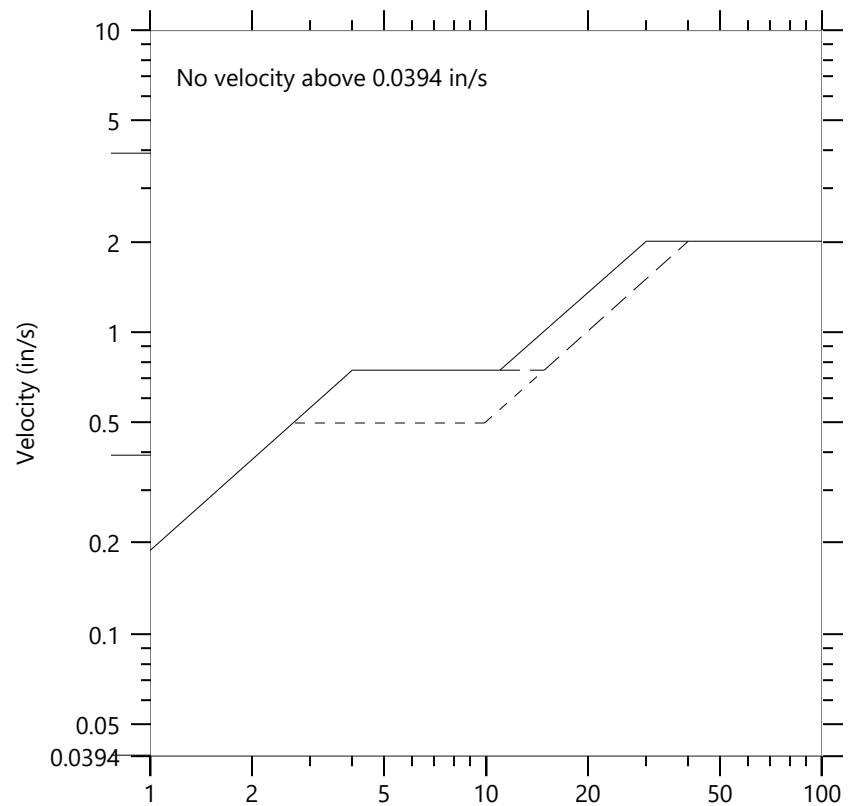
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0127 in/s	0.0202 in/s	0.0143 in/s
Zero Crossing Frequency	16.5 Hz	26.9 Hz	25.6 Hz
Date	Feb 27, 2026	Feb 27, 2026	Feb 27, 2026
Time	09:31:59	11:46:59	11:46:59
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.3	4.7	5.0

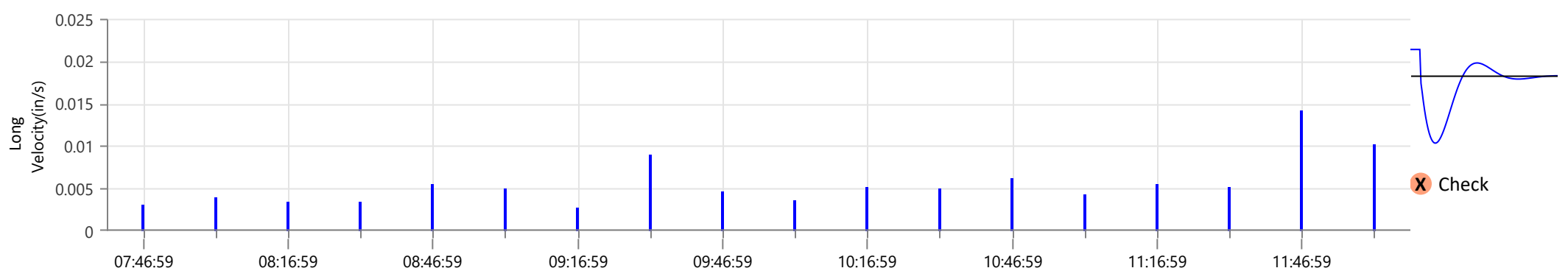
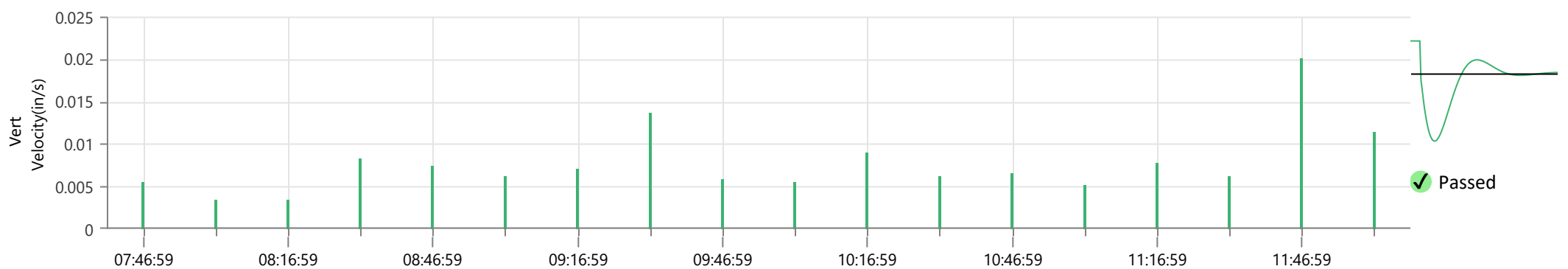
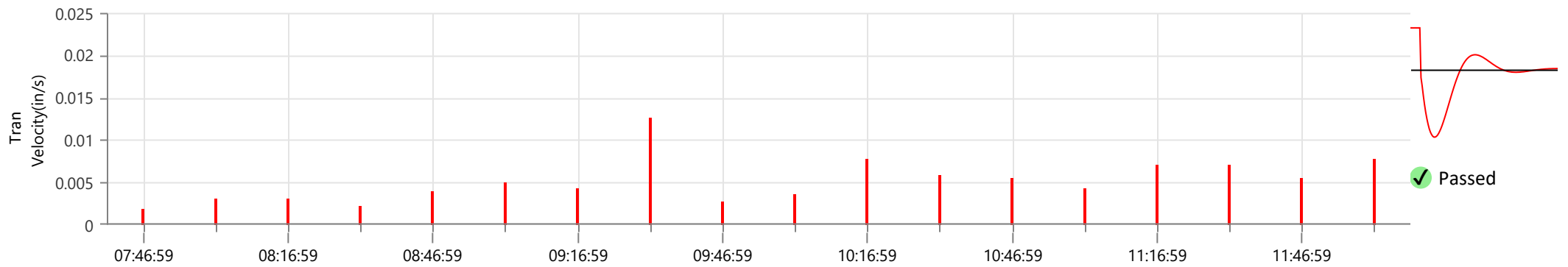
Peak Vector Sum 0.0237 in/s at February 27, 2026 11:46:59

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start February 27, 2026 12:01:50
Finish February 27, 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_20260227120150.IDFH
USB Sensor Support Disabled

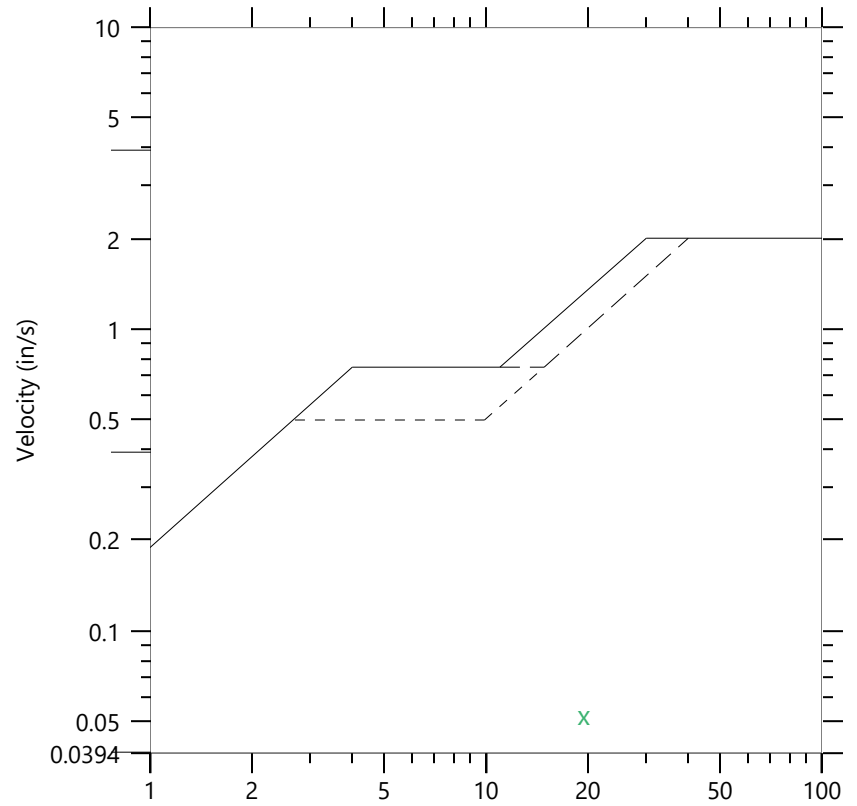
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0357 in/s	0.0534 in/s	0.0304 in/s
Zero Crossing Frequency	22.3 Hz	19.7 Hz	26.9 Hz
Date	Feb 27, 2026	Feb 27, 2026	Feb 27, 2026
Time	13:16:50	13:16:50	13:16:50
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.3	4.7	5.0

Peak Vector Sum 0.0541 in/s at February 27, 2026 13:16:50

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert ø Long

Sensor Check



✓ Passed



✓ Passed



✓ Passed

Start February 27, 2026 17:00:36
Finish February 28, 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

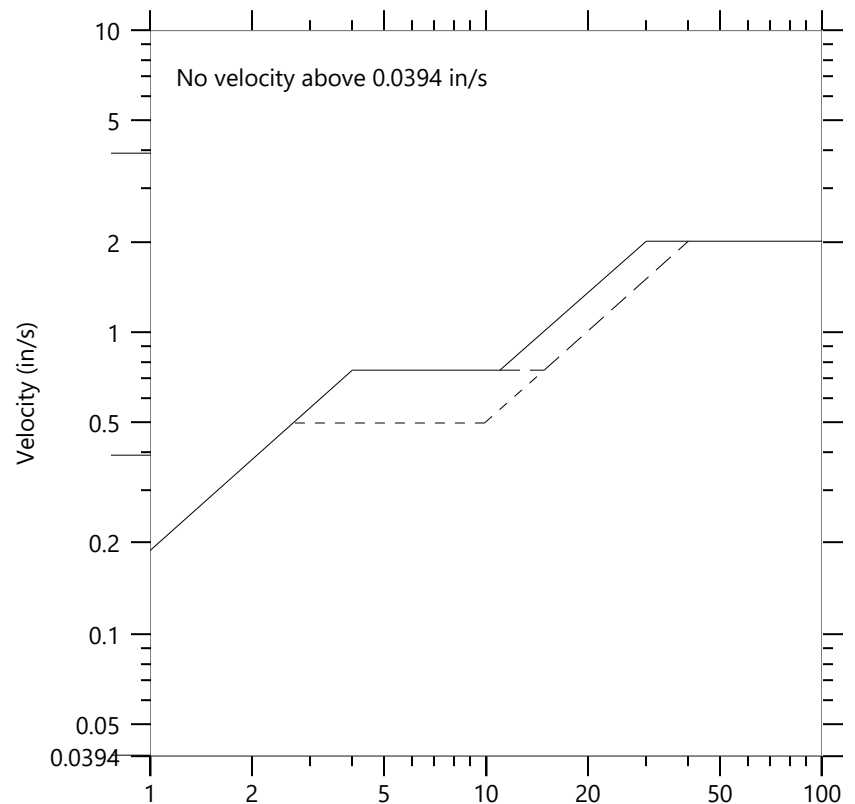
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260227170036.IDFH
USB Sensor Support Disabled

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.

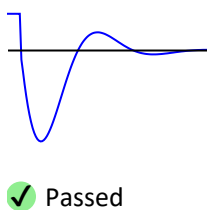
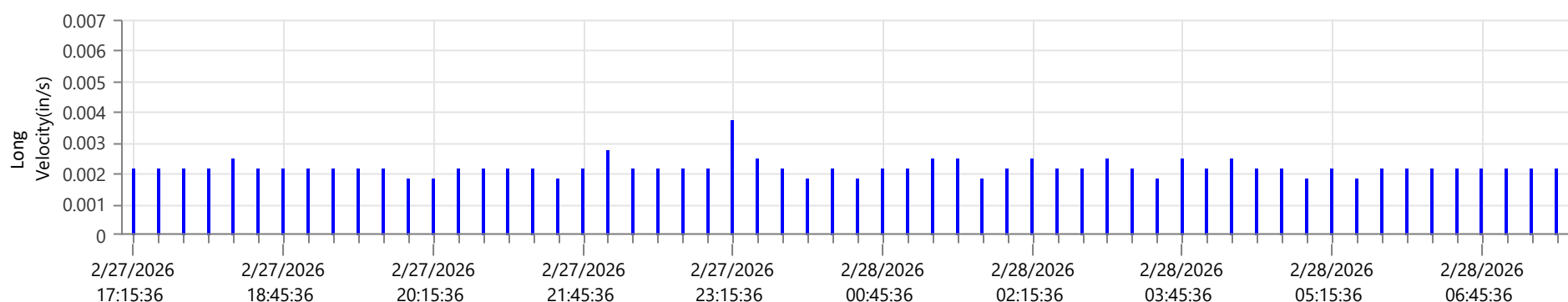
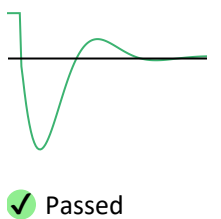
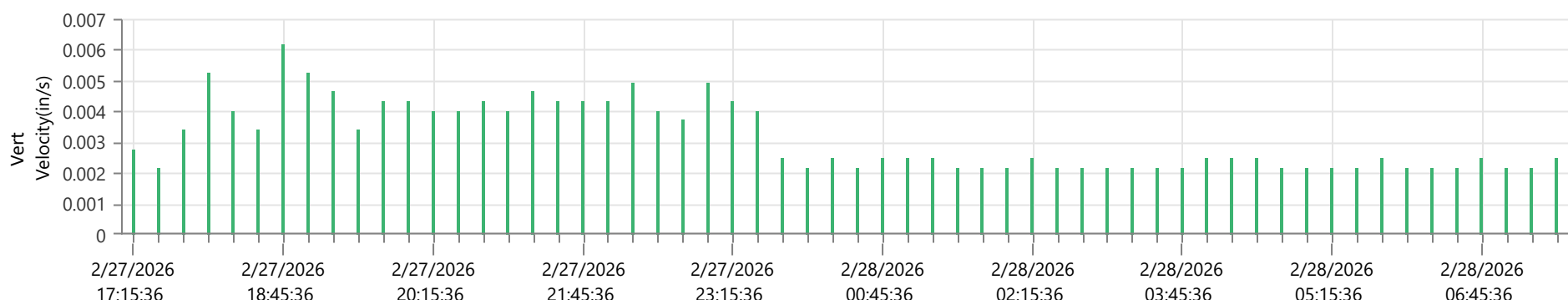
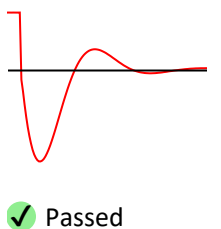
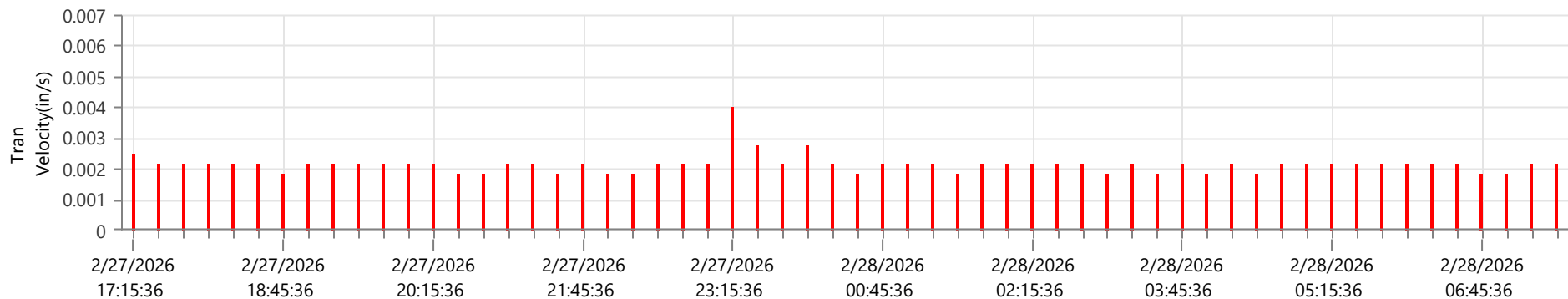
Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	0.0062 in/s	<0.005 in/s
Zero Crossing Frequency	>100 Hz	23.3 Hz	>100 Hz
Date	Feb 27, 2026	Feb 27, 2026	Feb 27, 2026
Time	23:15:36	18:45:36	23:15:36
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9
Peak Vector Sum	0.0062 in/s at February 27, 2026 18:45:36		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start February 28, 2026 07:32:38
Finish February 28, 2026 11:59:59
Number of Intervals/Interval 17.82/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

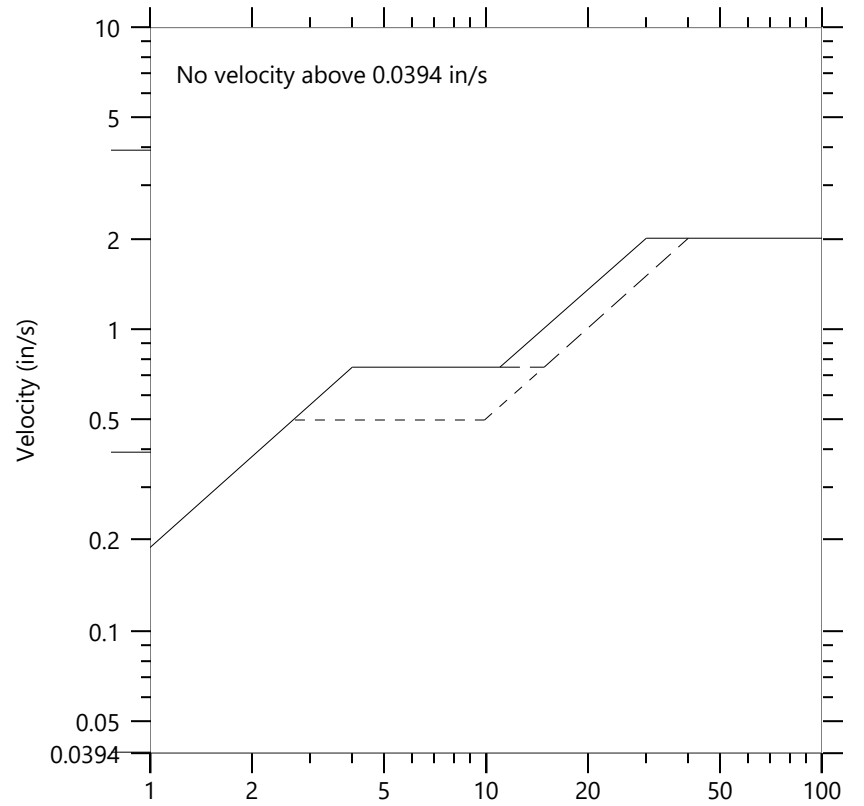
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260228073238.IDFH
USB Sensor Support Disabled

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.

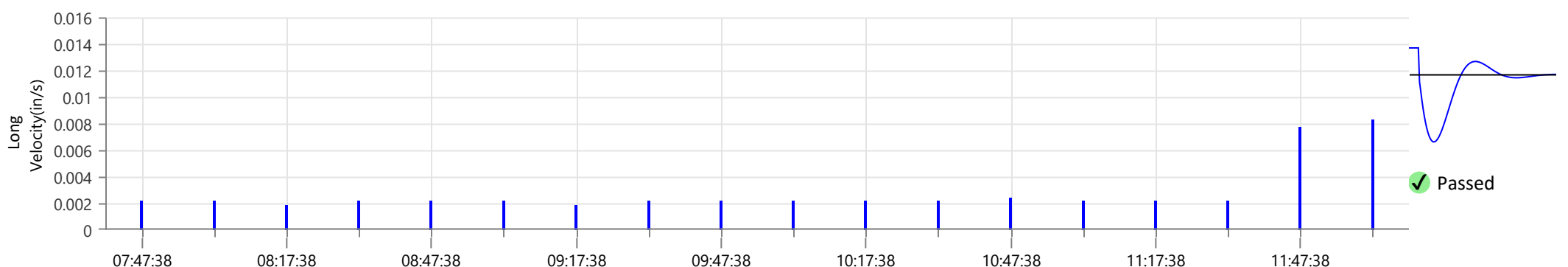
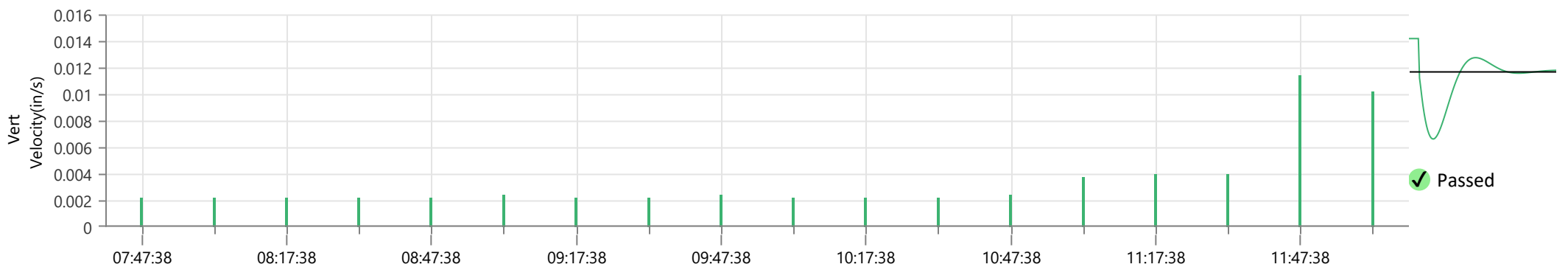
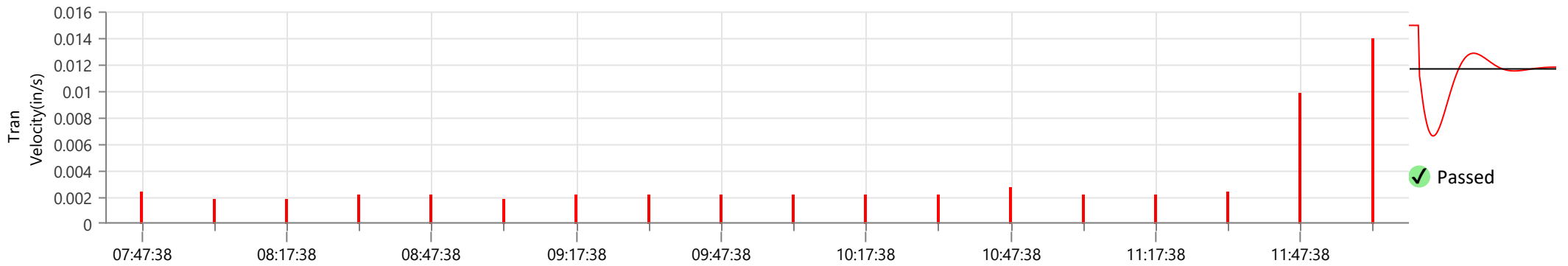
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0140 in/s	0.0115 in/s	0.0084 in/s
Zero Crossing Frequency	26.9 Hz	32.0 Hz	26.9 Hz
Date	Feb 28, 2026	Feb 28, 2026	Feb 28, 2026
Time	11:59:59	11:47:38	11:59:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9
Peak Vector Sum	0.0158 in/s at February 28, 2026 11:47:38		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert ø Long

Sensor Check





Start February 28, 2026 12:01:53
Finish February 28, 2026 16:59:59
Number of Intervals/Interval 19.87/900 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_20260228120153.IDFH
USB Sensor Support Disabled

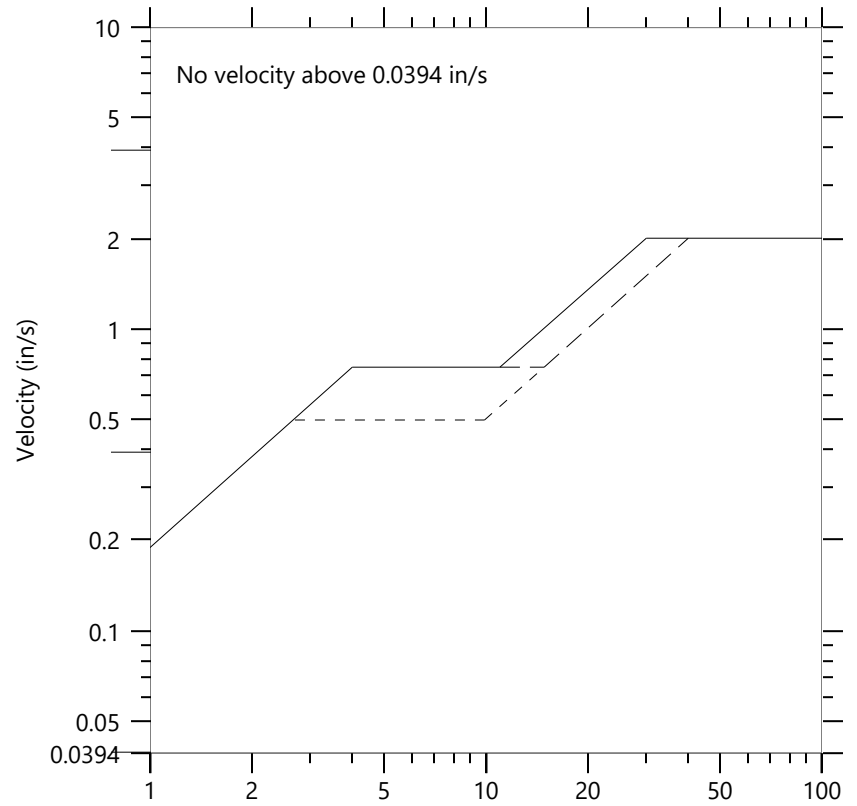
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0155 in/s	0.0155 in/s	0.0115 in/s
Zero Crossing Frequency	42.7 Hz	39.4 Hz	26.9 Hz
Date	Feb 28, 2026	Feb 28, 2026	Feb 28, 2026
Time	15:46:53	15:46:53	14:31:53
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0

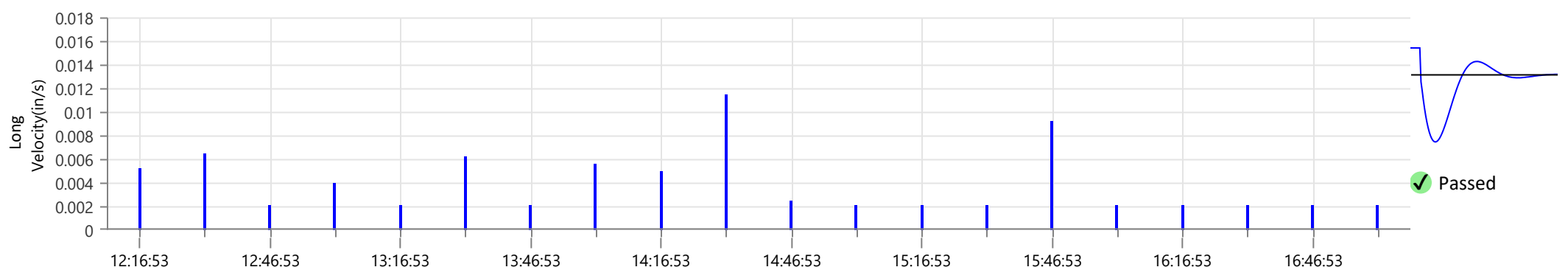
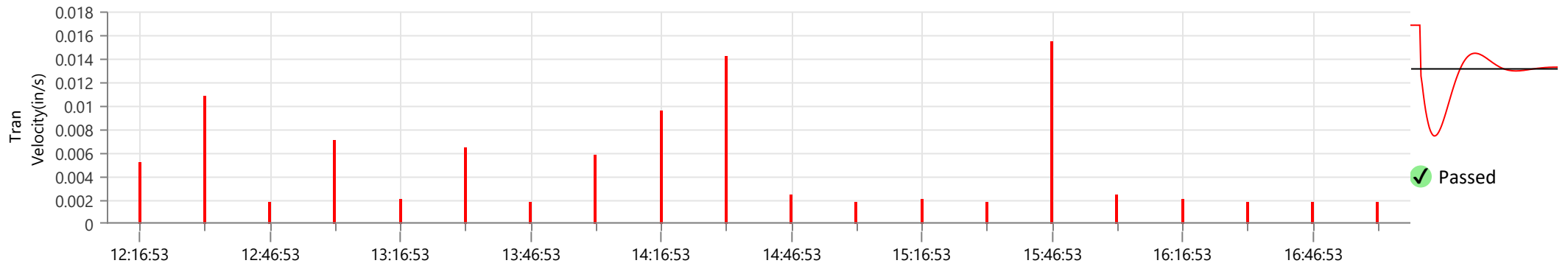
Peak Vector Sum 0.0196 in/s at February 28, 2026 14:31:53

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start February 28, 2026 17:01:58
Finish March 1, 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_20260228170158.IDFH
USB Sensor Support Disabled

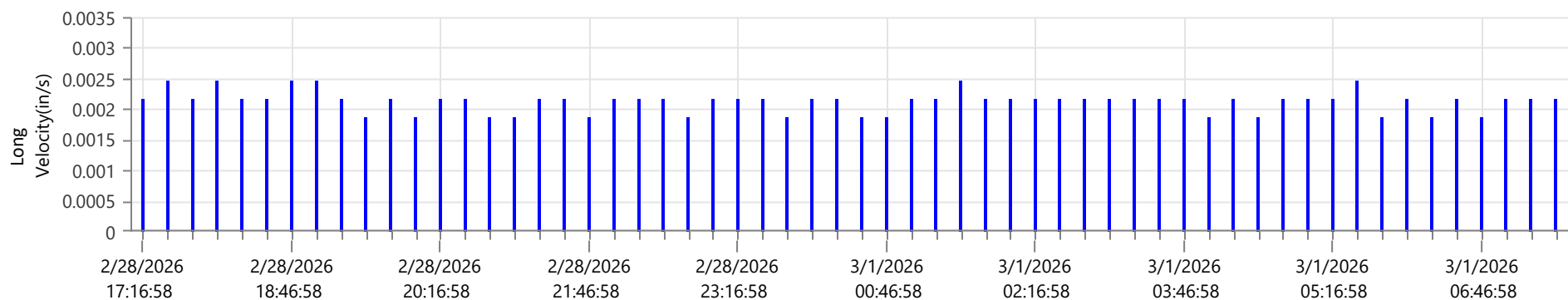
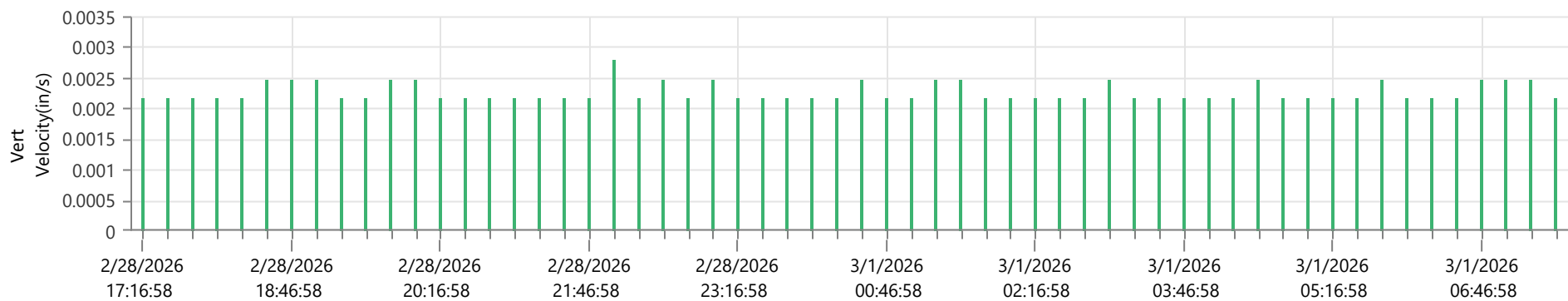
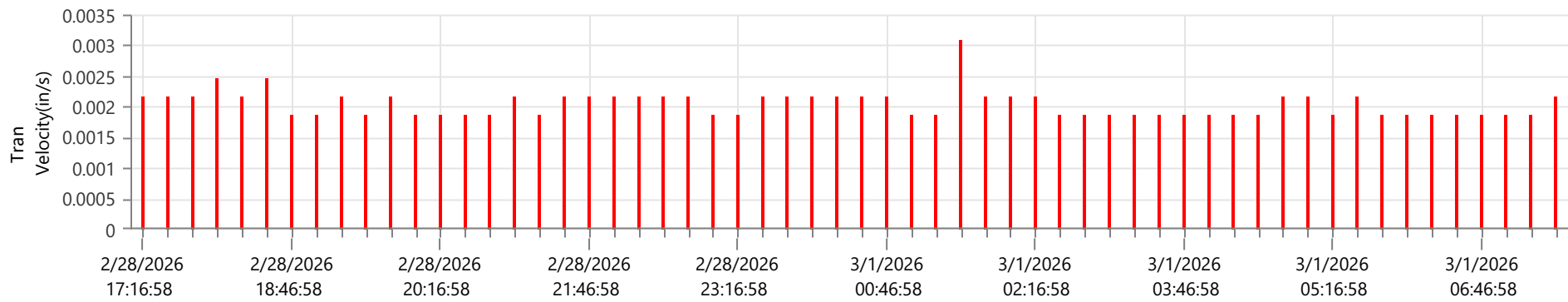
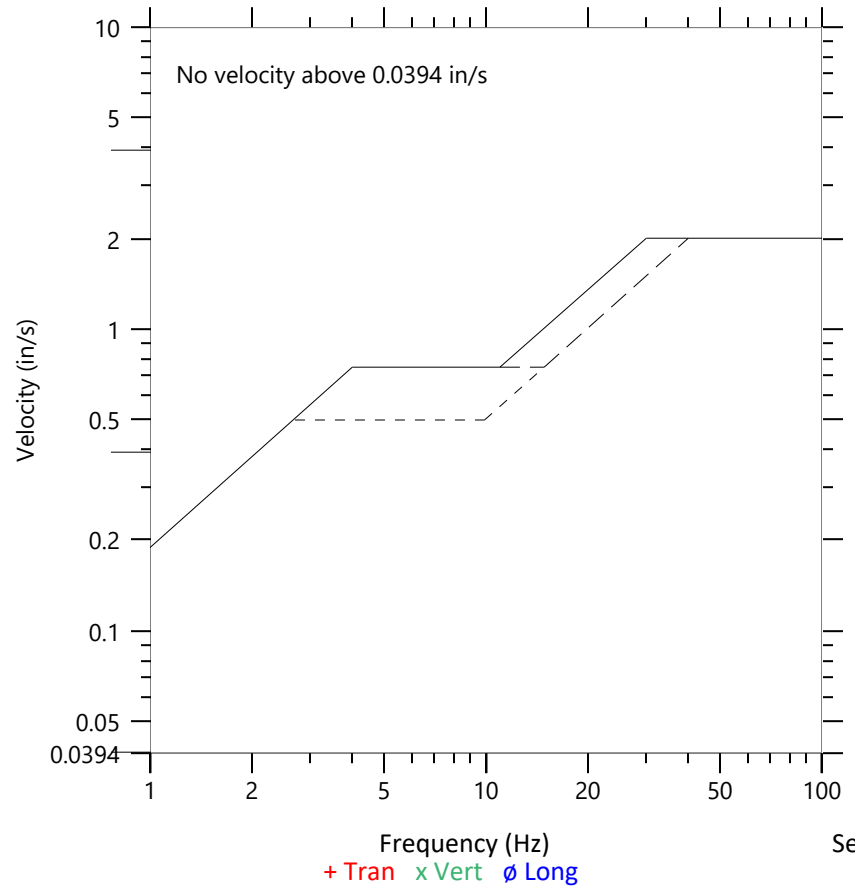
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

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	25.6 Hz	>100 Hz	>100 Hz
Date	Mar 1, 2026	Feb 28, 2026	Feb 28, 2026
Time	01:31:58	22:01:58	17:31:58
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 0.0033 in/s at March 1, 2026 01:31:58

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Start March 1, 2026 07:32:08
Finish March 1, 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

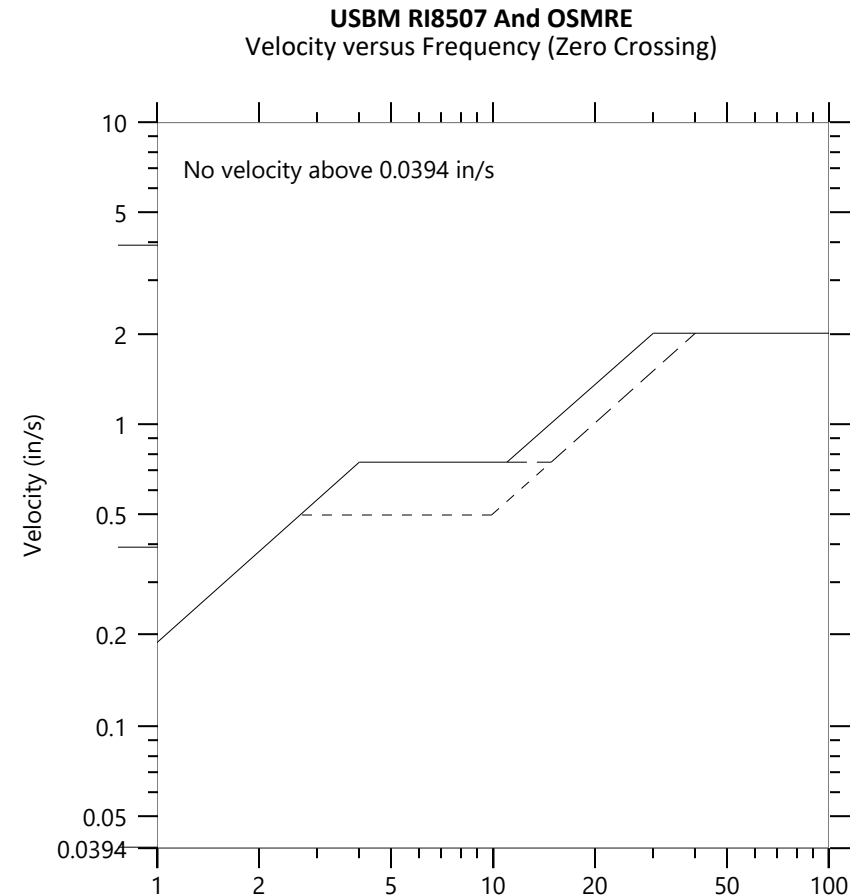
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260301073208.IDFH
USB Sensor Support Disabled

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

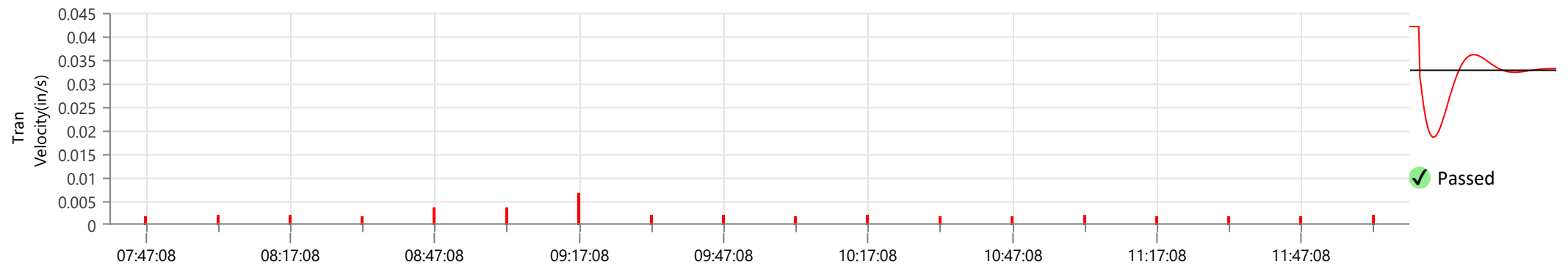
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0068 in/s	0.0385 in/s	0.0295 in/s
Zero Crossing Frequency	>100 Hz	36.6 Hz	85.3 Hz
Date	Mar 1, 2026	Mar 1, 2026	Mar 1, 2026
Time	09:17:08	09:17:08	09:17:08
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0

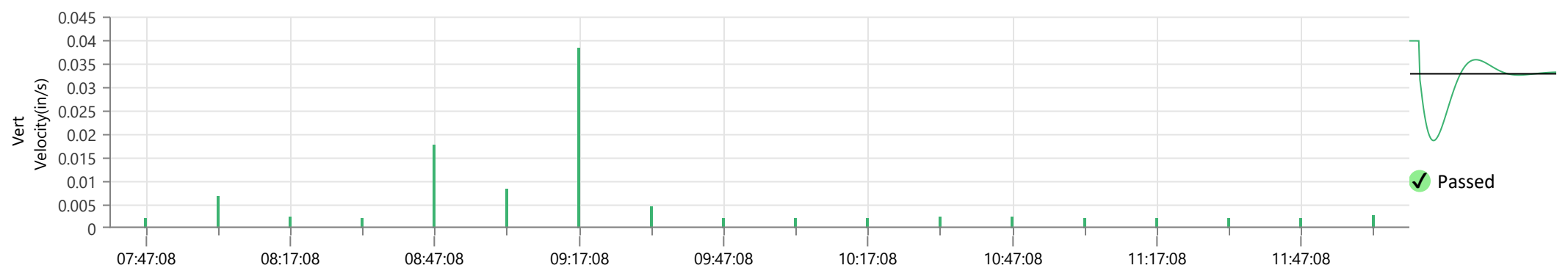
Peak Vector Sum 0.0386 in/s at March 1, 2026 09:17:08



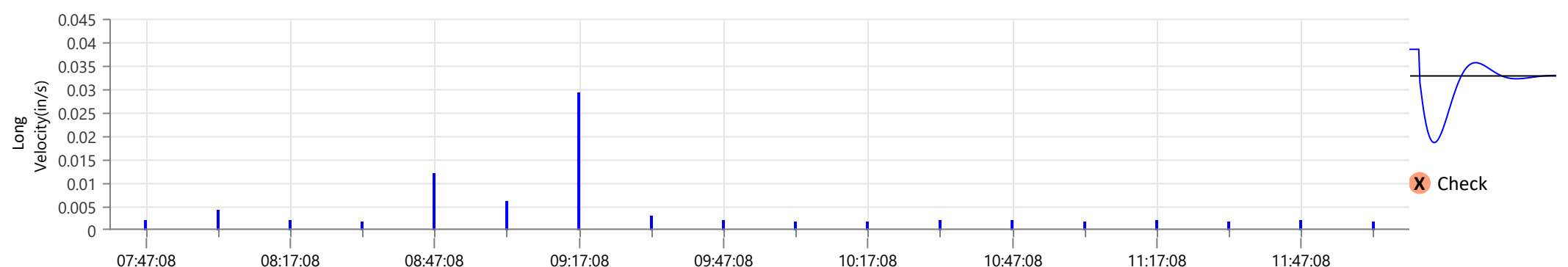
Frequency (Hz)
 + Tran x Vert ø Long
 Sensor Check



✓ Passed



✓ Passed



✗ Check

Start March 1, 2026 12:00:32
Finish March 1, 2026 16:59:59
Number of Intervals/Interval 19.96/900 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_20260301120032.IDFH
USB Sensor Support Disabled

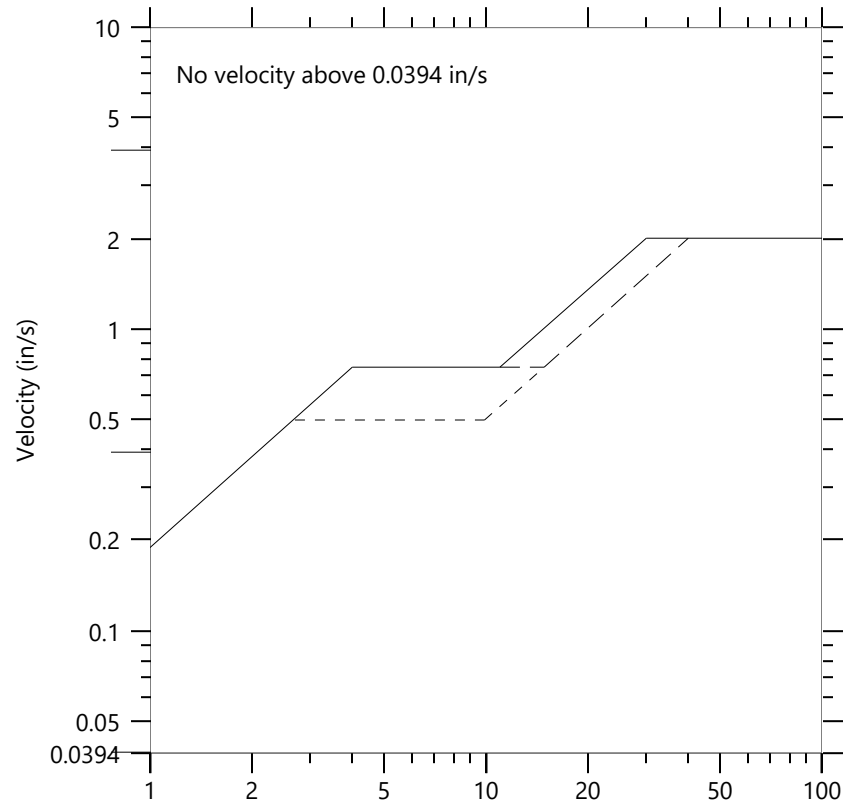
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	0.0065 in/s	0.0059 in/s
Zero Crossing Frequency	56.9 Hz	56.9 Hz	56.9 Hz
Date	Mar 1, 2026	Mar 1, 2026	Mar 1, 2026
Time	15:15:32	15:15:32	15:15:32
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0

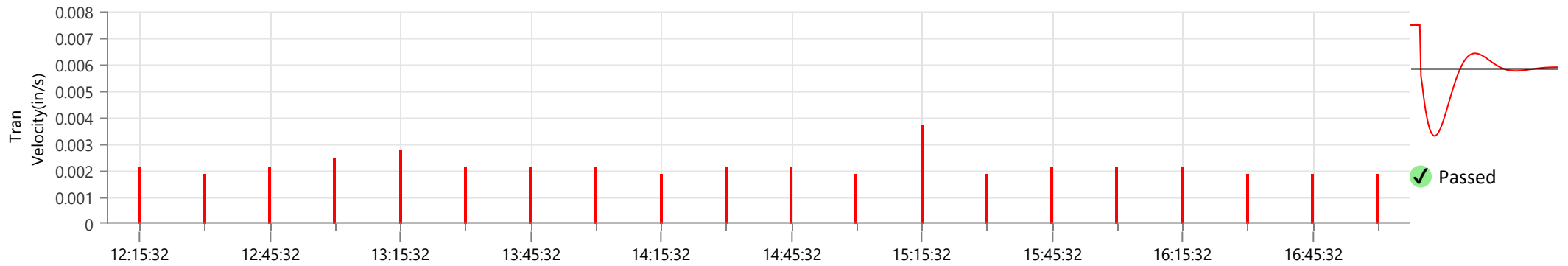
Peak Vector Sum 0.0079 in/s at March 1, 2026 15:15:32

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

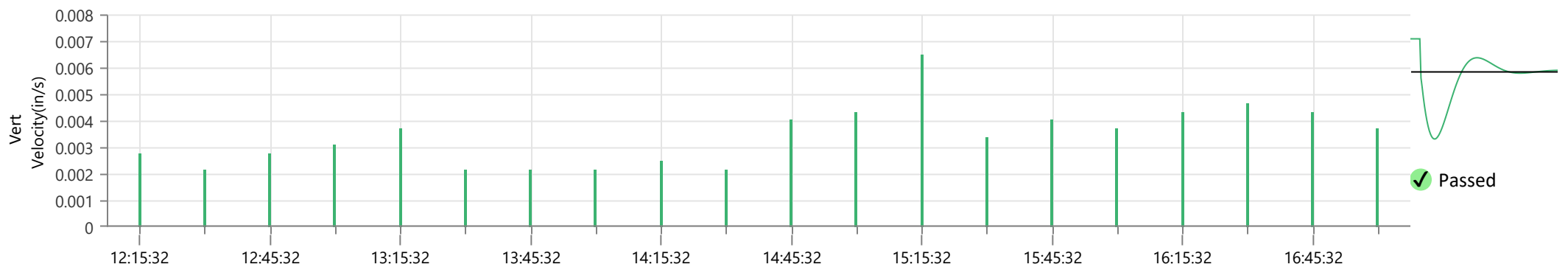


Frequency (Hz)
 + Tran x Vert ø Long

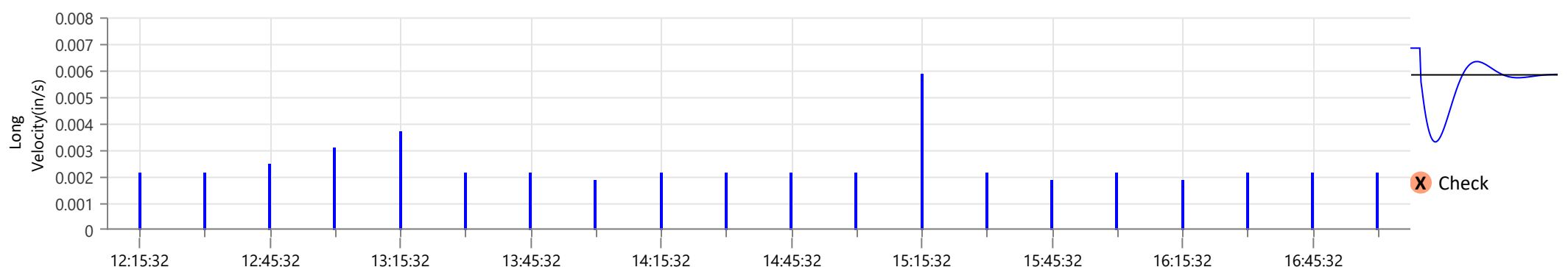
Sensor Check



✓ Passed



✓ Passed



✗ Check

Start March 1, 2026 17:02:20
Finish March 2, 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_20260301170220.IDFH
USB Sensor Support Disabled

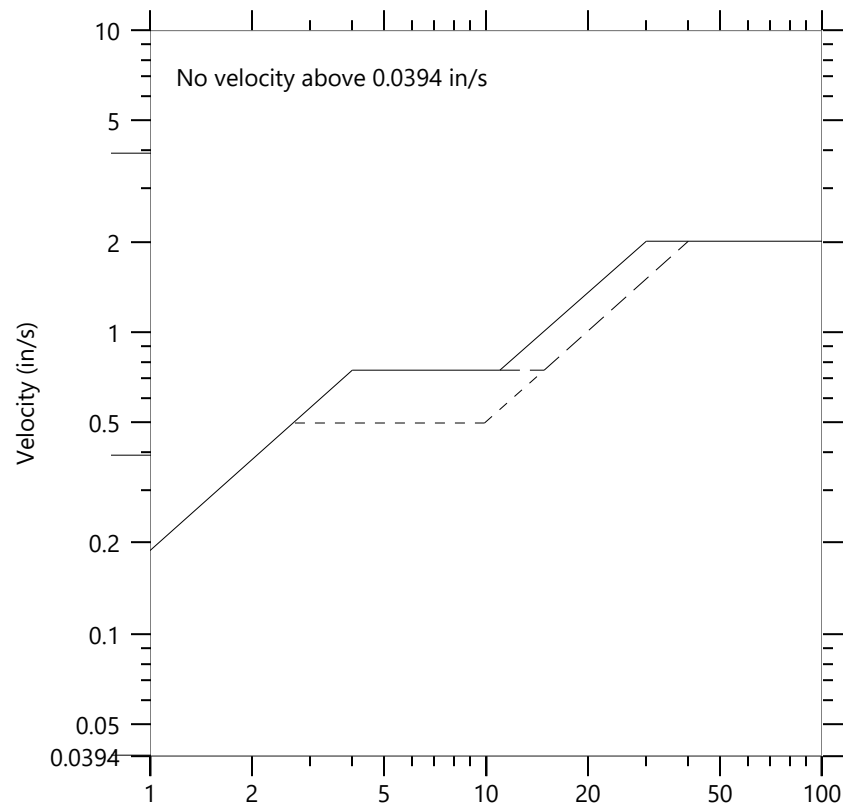
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	<0.005 in/s	0.0062 in/s	<0.005 in/s
Zero Crossing Frequency	14.6 Hz	51.2 Hz	32.0 Hz
Date	Mar 2, 2026	Mar 1, 2026	Mar 1, 2026
Time	07:17:20	19:47:20	22:47:20
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	6.9 Hz	6.7 Hz
Overswing Ratio	4.2	4.7	5.0

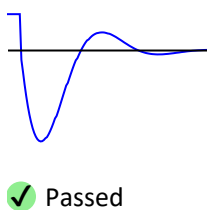
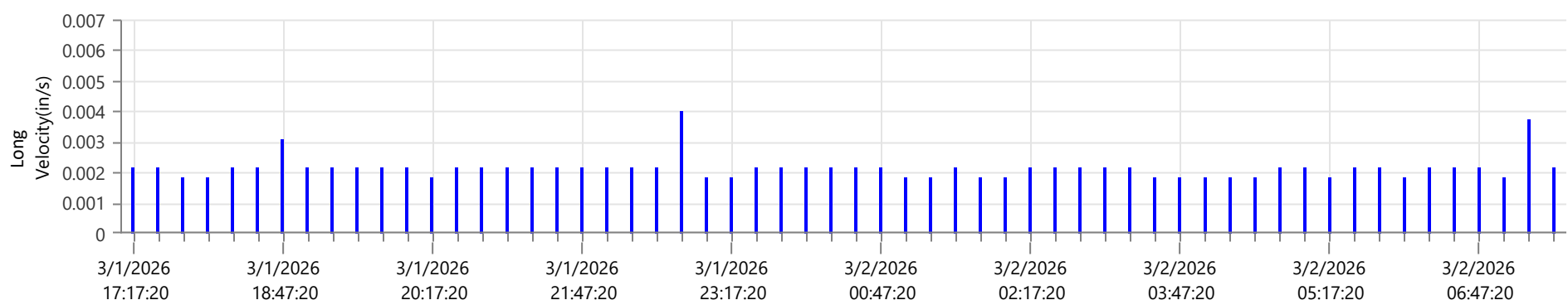
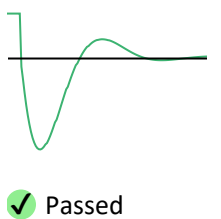
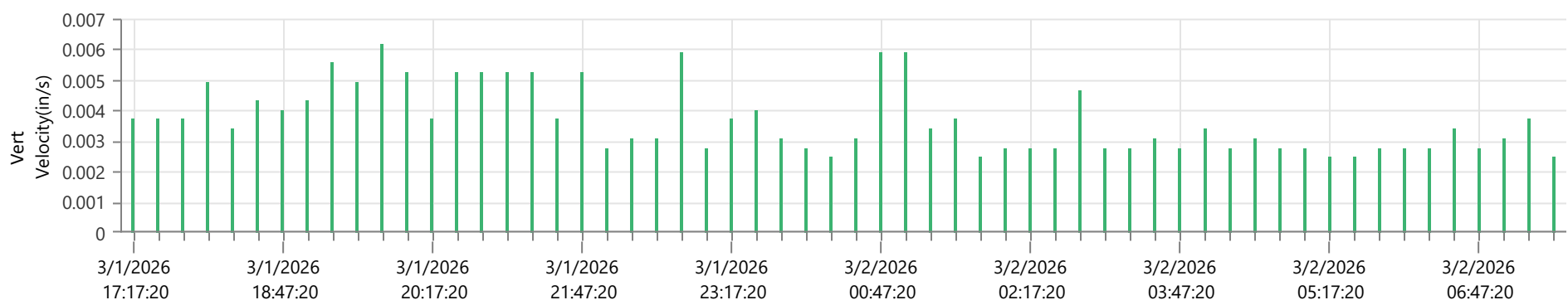
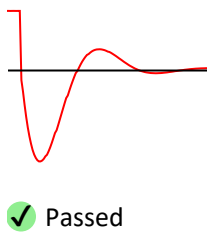
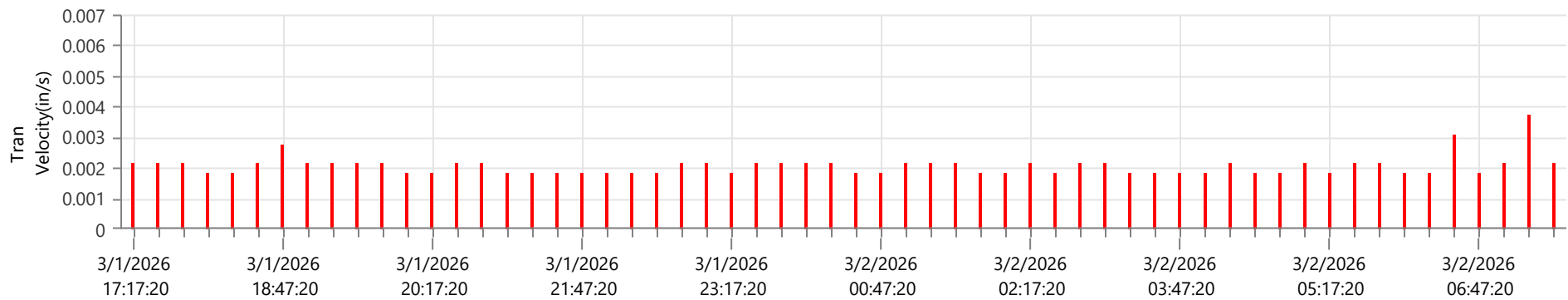
Peak Vector Sum 0.0062 in/s at March 1, 2026 19:47:20

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 2, 2026 07:31:56
Finish March 2, 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

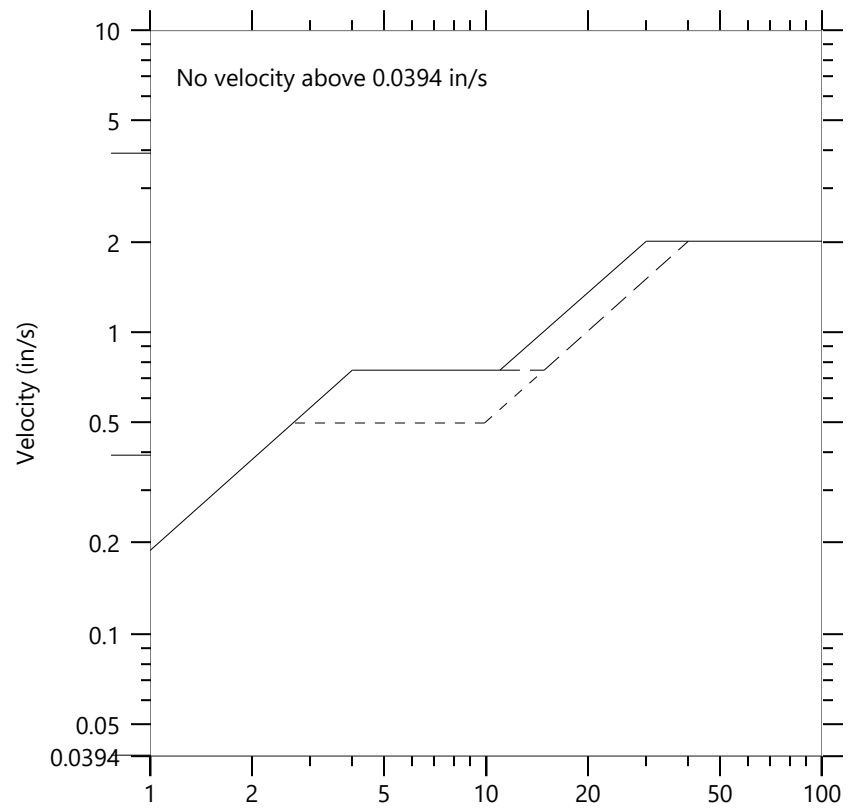
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260302073156.IDFH
USB Sensor Support Disabled

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.

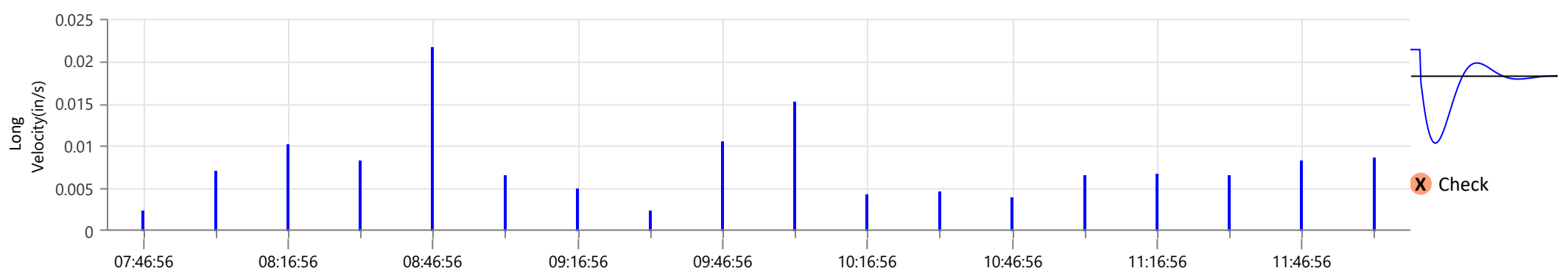
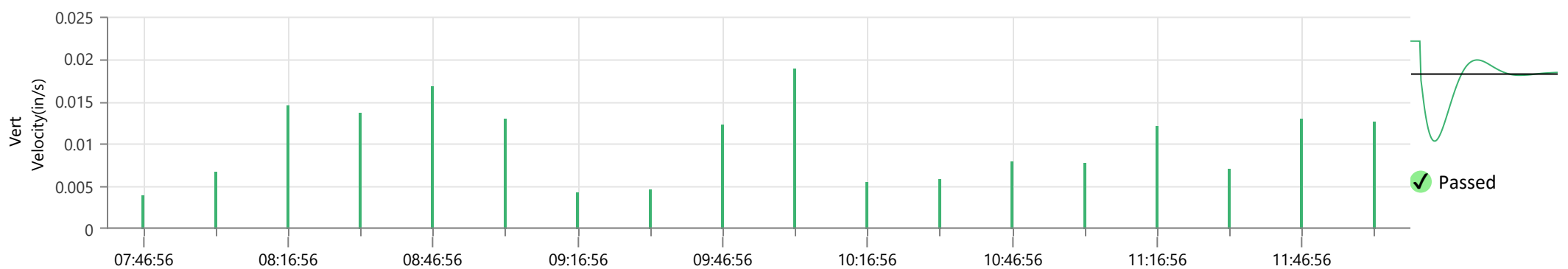
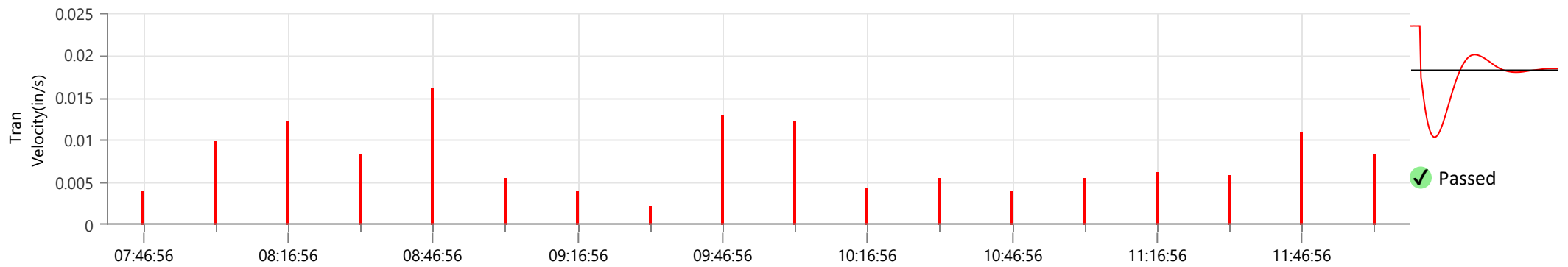
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0161 in/s	0.0189 in/s	0.0217 in/s
Zero Crossing Frequency	73.1 Hz	19.0 Hz	>100 Hz
Date	Mar 2, 2026	Mar 2, 2026	Mar 2, 2026
Time	08:46:56	10:01:56	08:46:56
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.0257 in/s at March 2, 2026 08:46:56		

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert ø Long

Sensor Check



Start March 2, 2026 12:01:53
Finish March 2, 2026 16:59:59
Number of Intervals/Interval 19.87/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

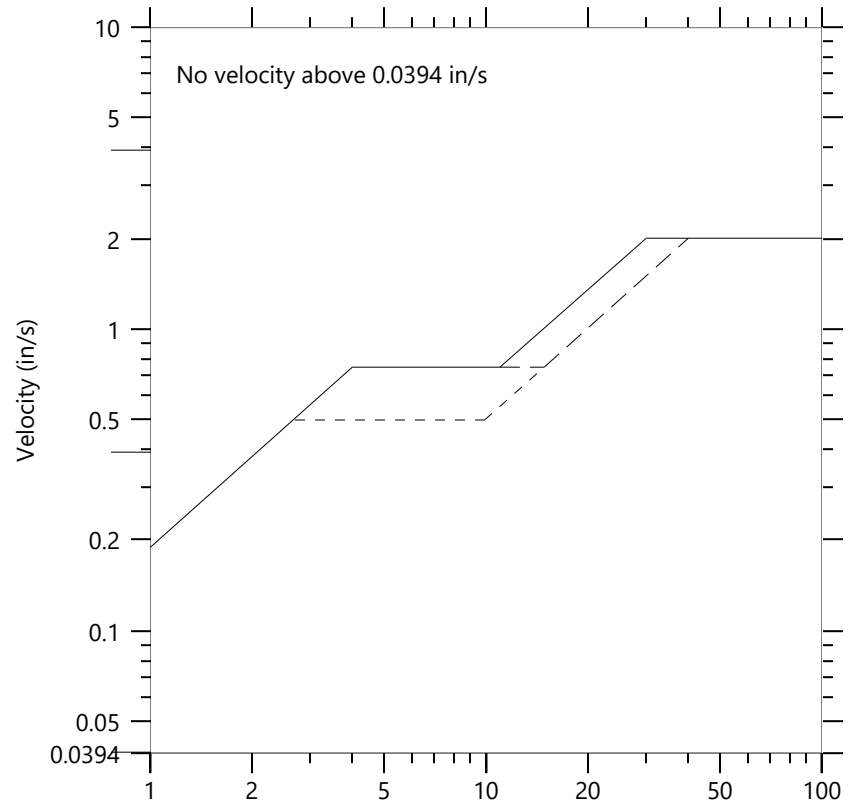
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260302120153.IDFH
USB Sensor Support Disabled

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

Post Event Notes No text to be displayed.

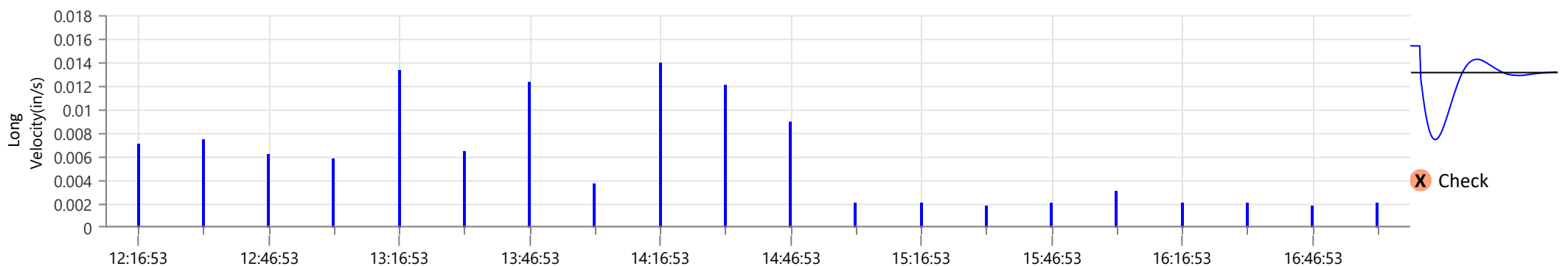
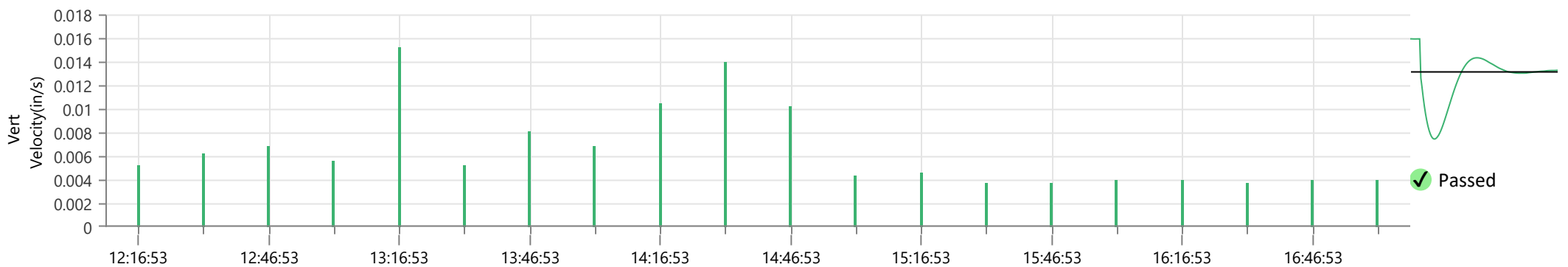
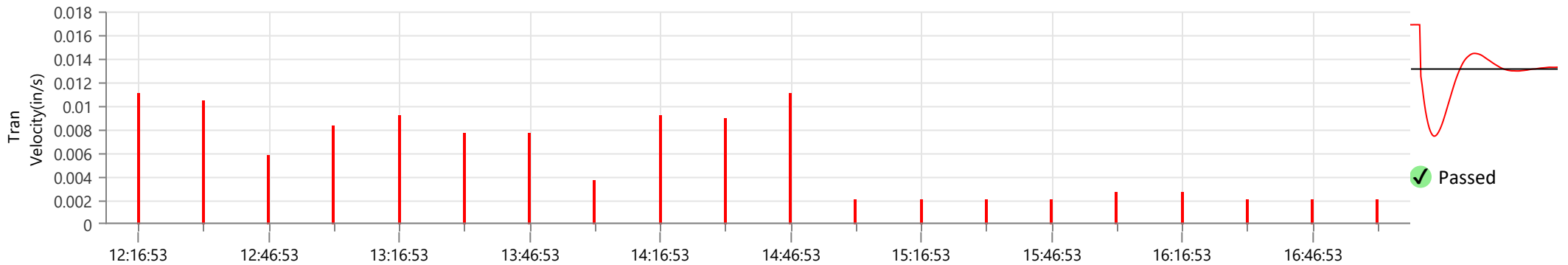
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0112 in/s	0.0152 in/s	0.0140 in/s
Zero Crossing Frequency	25.6 Hz	17.1 Hz	15.5 Hz
Date	Mar 2, 2026	Mar 2, 2026	Mar 2, 2026
Time	12:16:53	13:16:53	14:16:53
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.0164 in/s at March 2, 2026 14:16:53		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert ø Long

Sensor Check



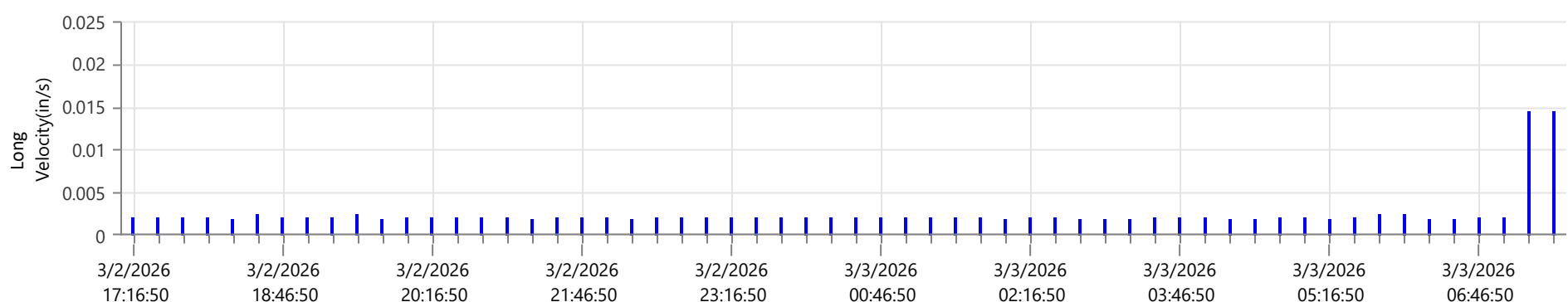
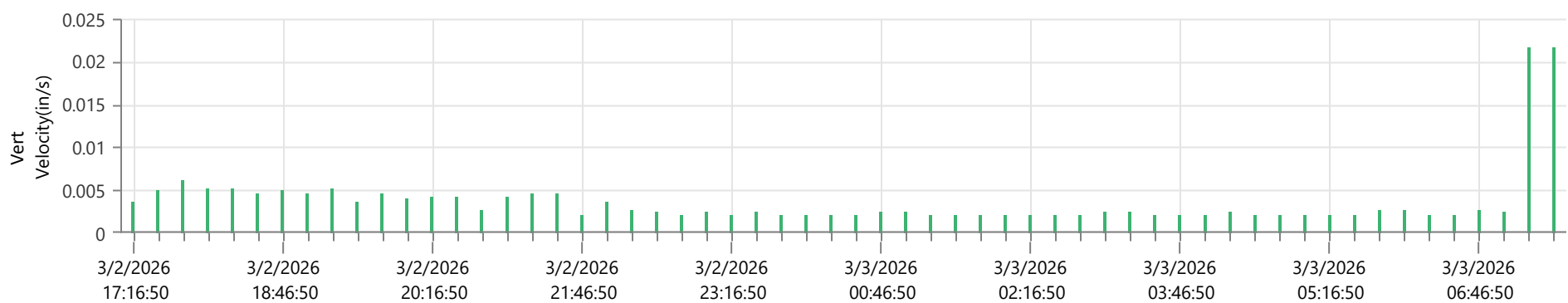
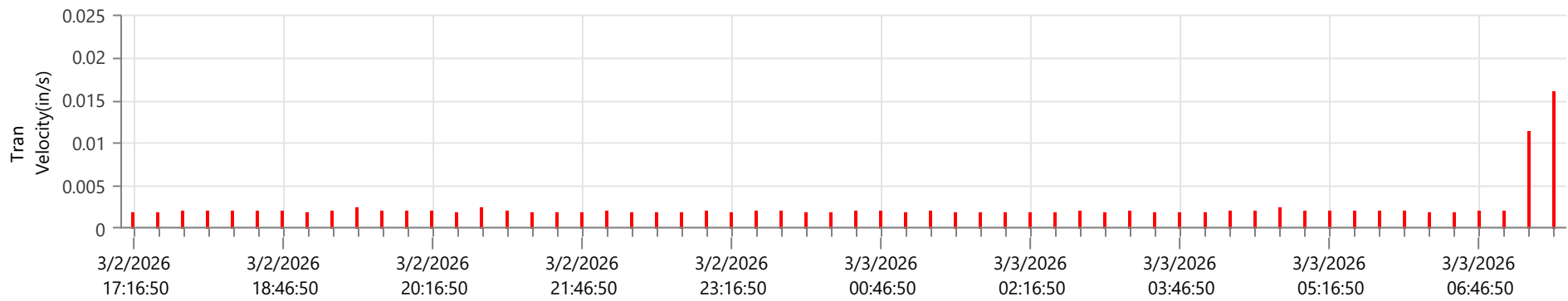
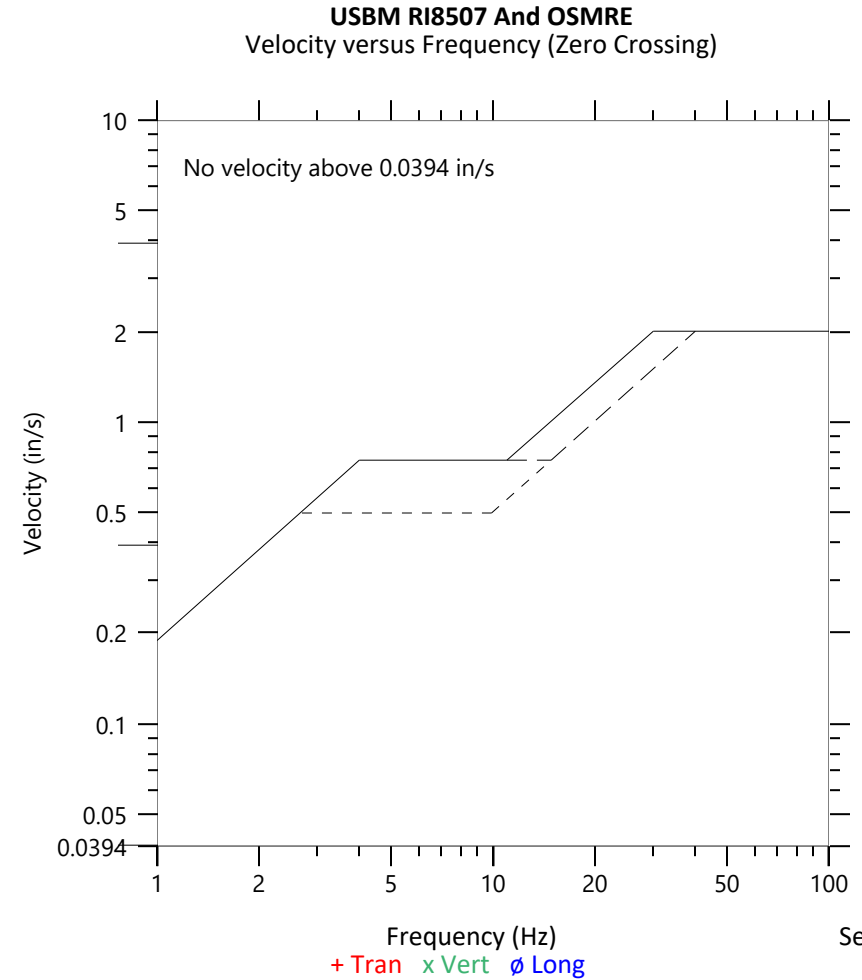
Start March 2, 2026 17:01:50
Finish March 3, 2026 07:29:59
Number of Intervals/Interval 57.88/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

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_20260302170150.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	0.0161 in/s	0.0217 in/s	0.0146 in/s
Zero Crossing Frequency	18.3 Hz	32.0 Hz	20.5 Hz
Date	Mar 3, 2026	Mar 3, 2026	Mar 3, 2026
Time	07:29:59	07:16:50	07:16:50
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	6.9 Hz	6.7 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.0250 in/s at March 3, 2026 07:16:50		



Start March 3, 2026 07:32:05
Finish March 3, 2026 09:04:31
Number of Intervals/Interval 6.16/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

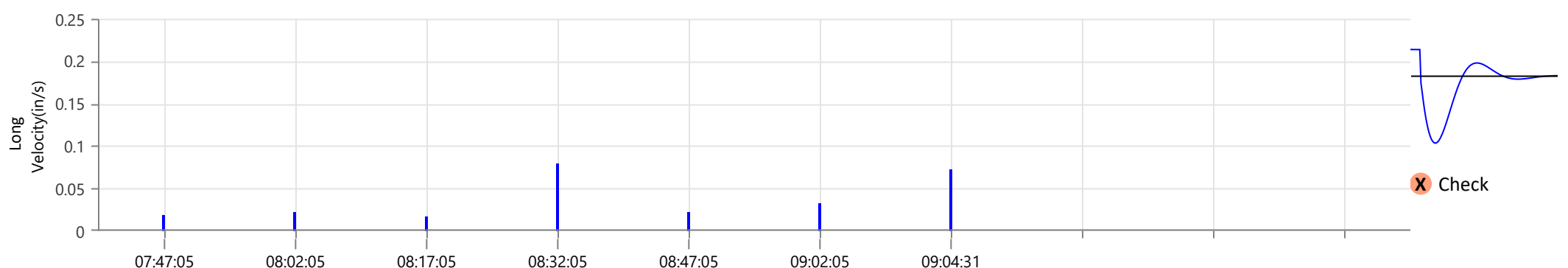
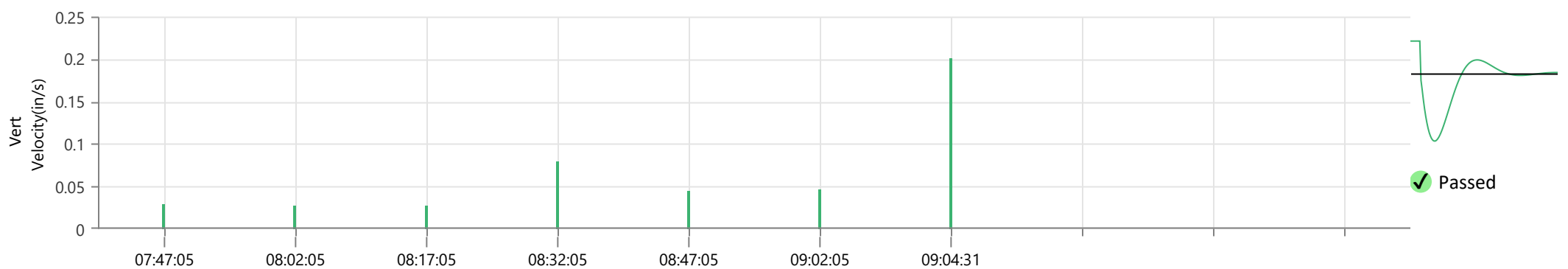
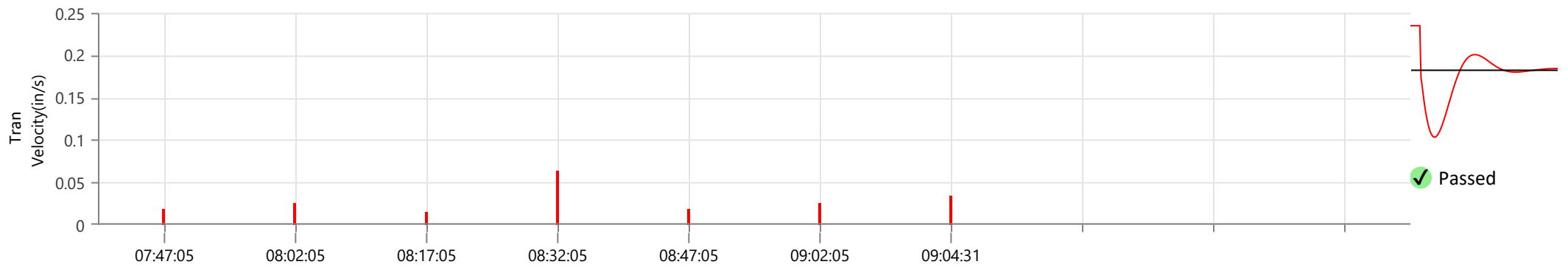
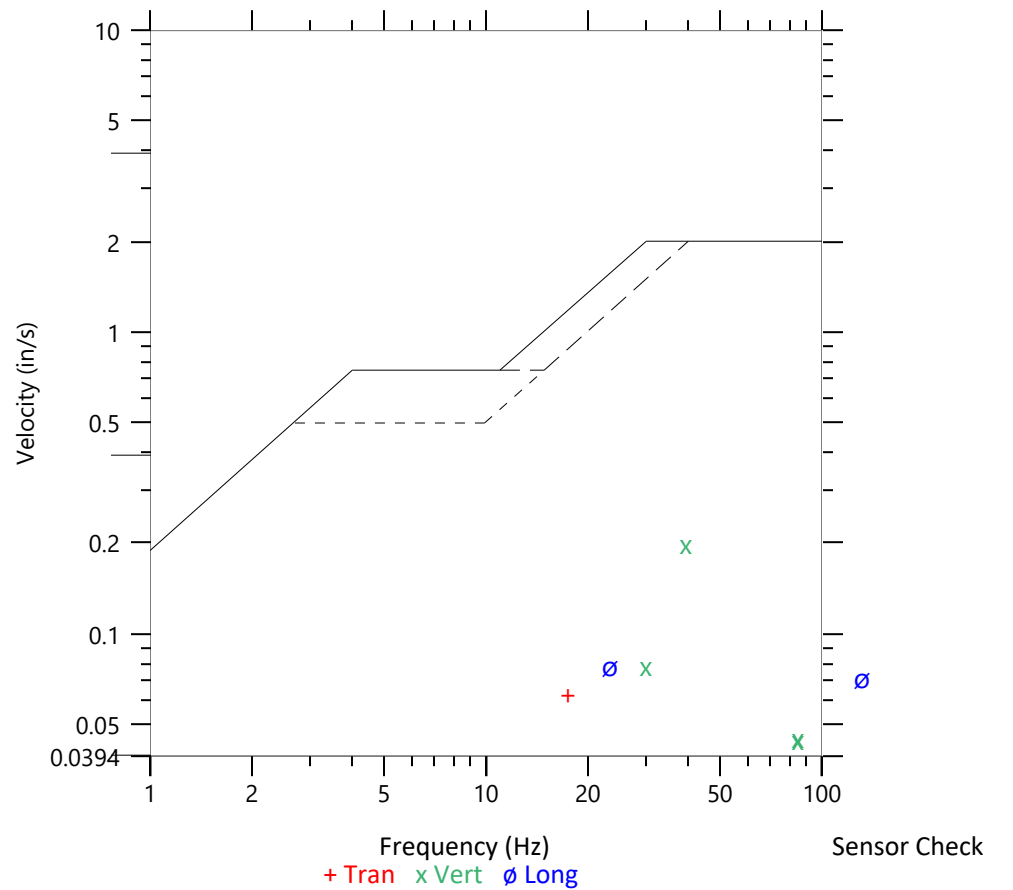
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260303073205.IDFH
USB Sensor Support Disabled

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	0.0639 in/s	0.2008 in/s	0.0797 in/s
Zero Crossing Frequency	17.7 Hz	39.4 Hz	23.3 Hz
Date	Mar 3, 2026	Mar 3, 2026	Mar 3, 2026
Time	08:32:05	09:04:31	08:32:05
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.2028 in/s at March 3, 2026 09:17:05		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at March 3, 2026 09:04:26
 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_20260303090426.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.

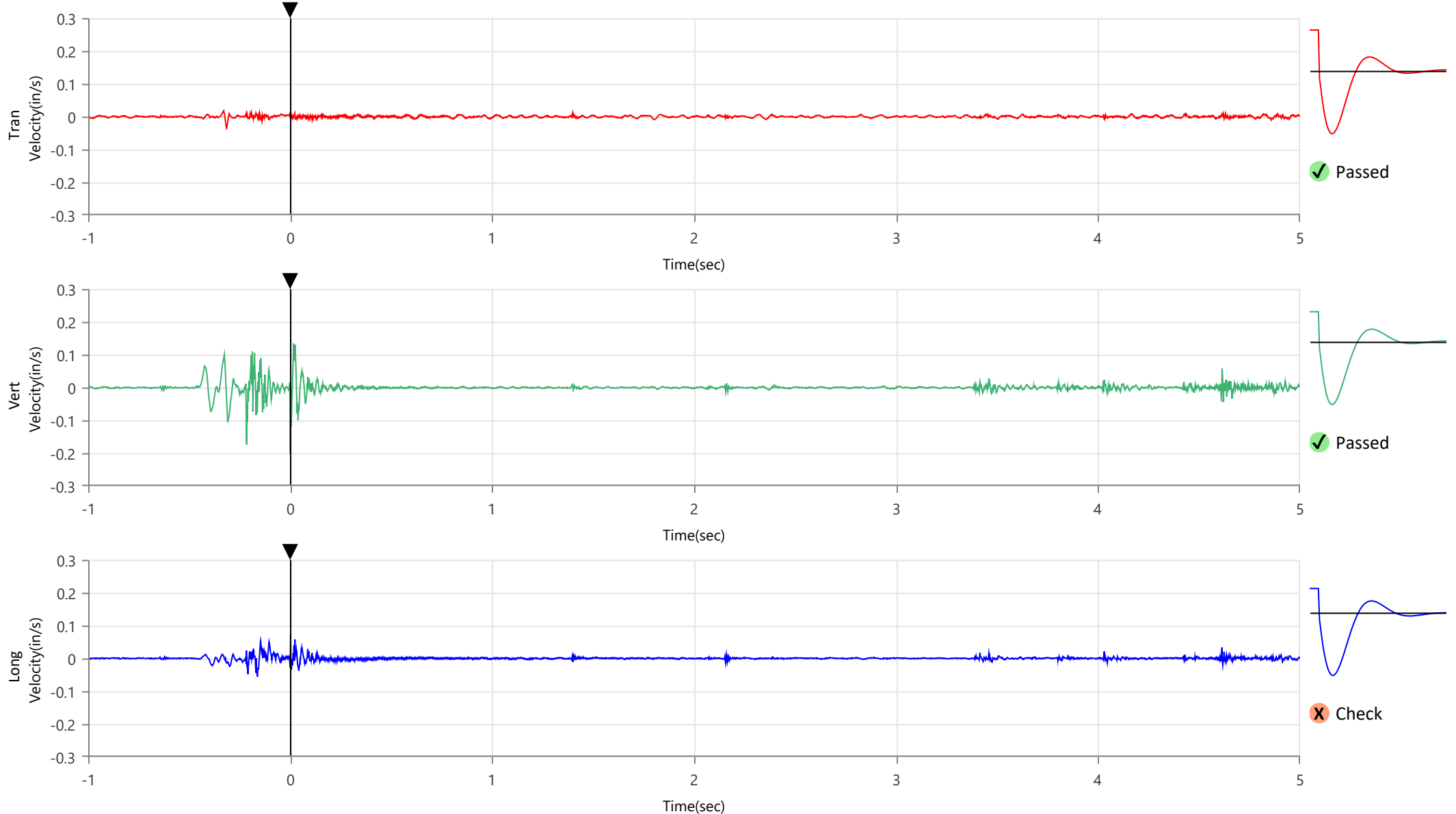
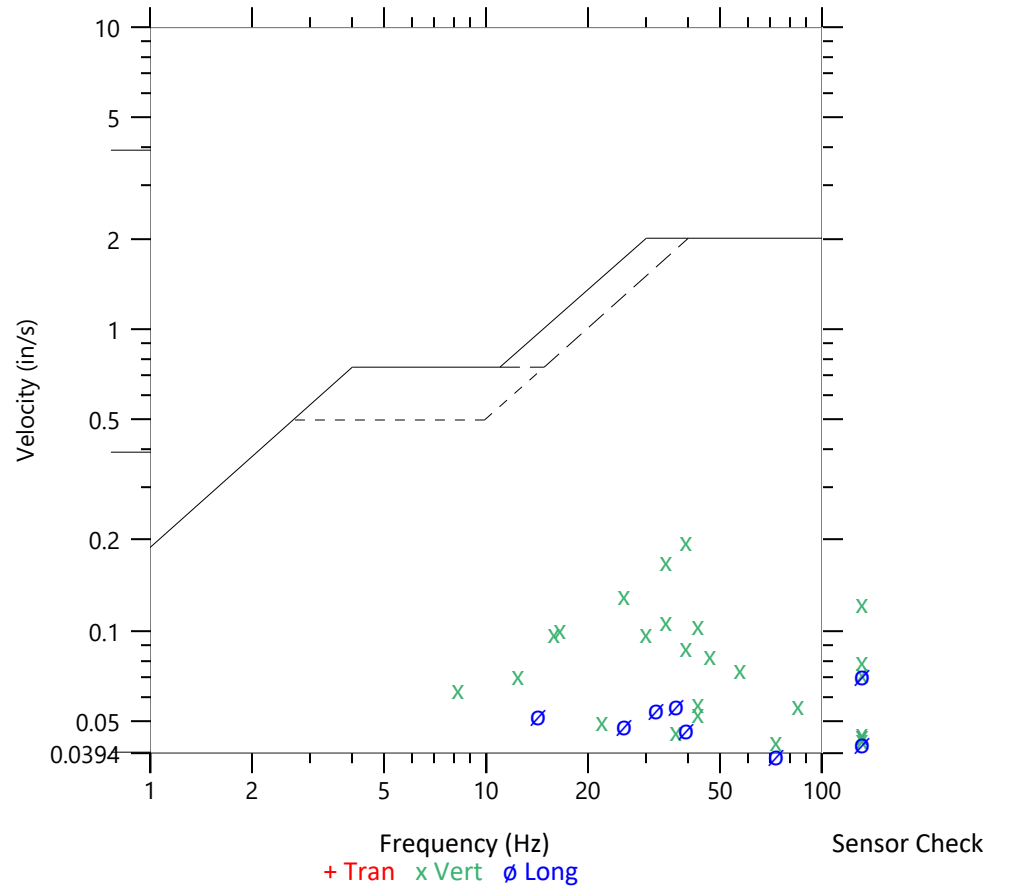
Geophone

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

Tran	Vert	Long
0.0351 in/s	0.2008 in/s	0.0729 in/s
30.1 Hz	39.4 Hz	>100 Hz
-0.314 sec	0.000 sec	0.002 sec
0.033 g	0.362 g	0.233 g
0.000 in	0.001 in	0.000 in
✓ Passed	✓ Passed	✗ Check
7.5 Hz	7.3 Hz	7.1 Hz
4.2	4.7	5.0

Peak Vector Sum: 0.2028 in/s at 0.000 sec

USBM RI8507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at March 3, 2026 09:04:26
 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

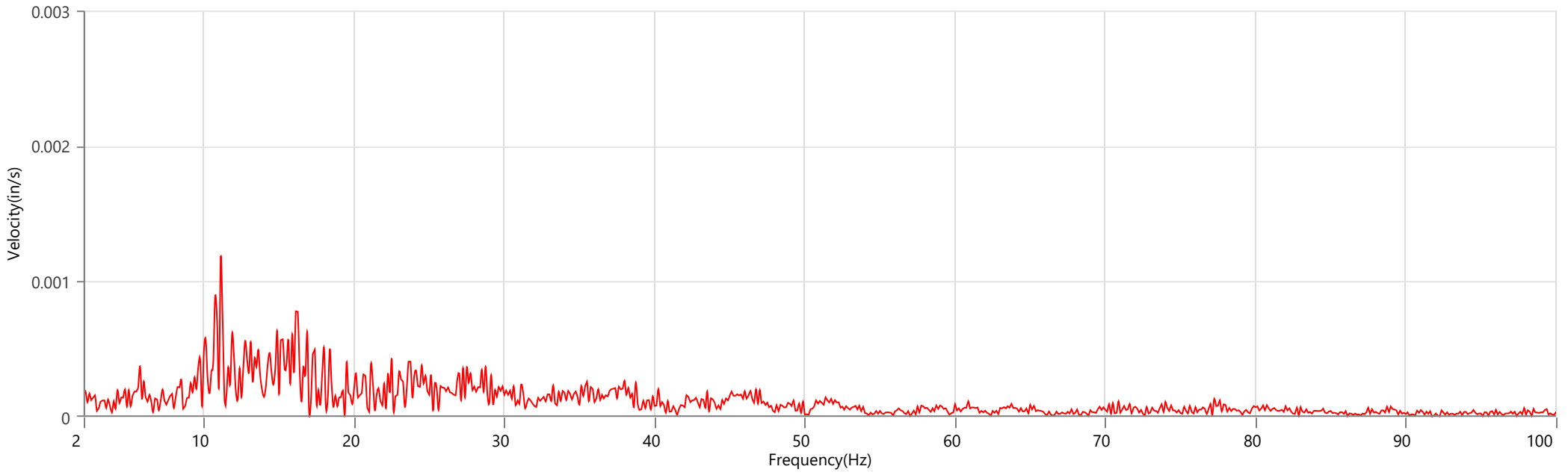
UM17584
 Micromate ISEE 11.0CB
 3.8 volts
 January 22, 2026 by InstanTel
 UM17584_20260303090426.IDFW
 Disabled

Notes

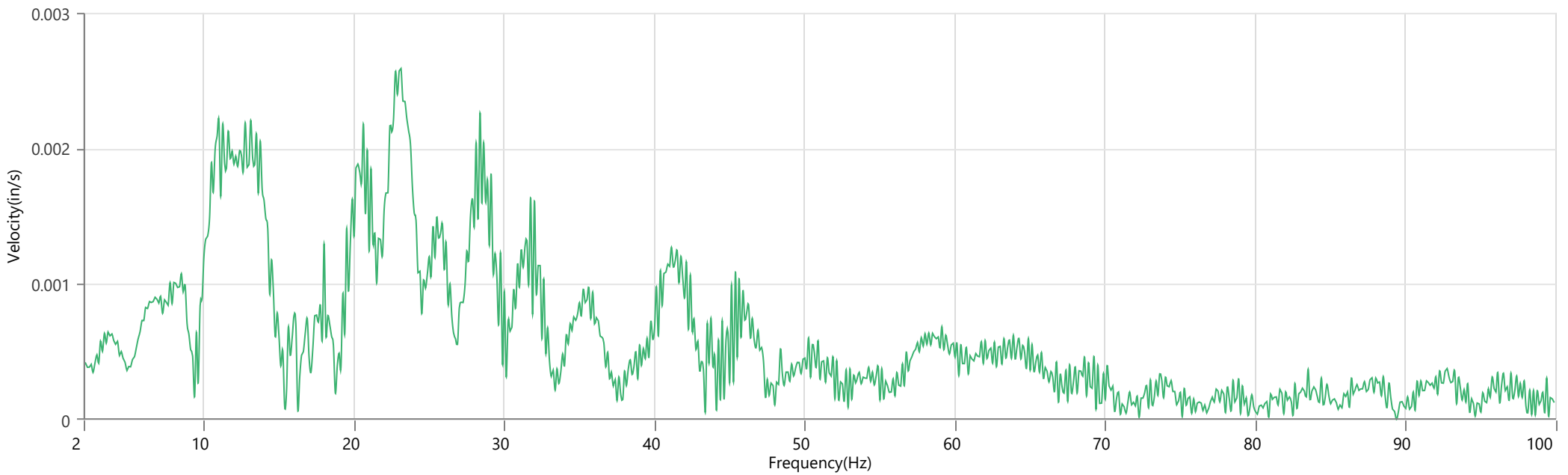
Location Thurston Elementary School, Ann Arbor
 Client Gilbane Building Company
 Company G2 Consulting Group, LLC
 General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

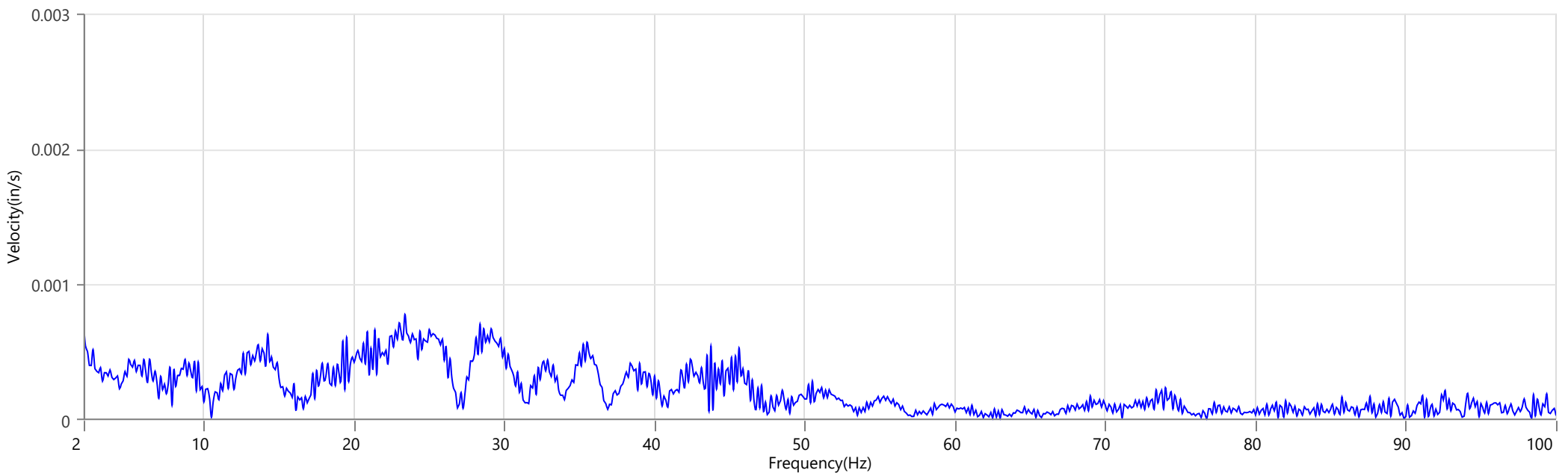
Tran - Dominant Frequency 11.1 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0351 in/s)



Vert - Dominant Frequency 23.1 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.2008 in/s)



Long - Dominant Frequency 23.4 Hz, Amplitude 0.0008 in/s (Peak Particle Velocity: 0.0729 in/s)



Start March 3, 2026 09:05:04
Finish March 3, 2026 09:05:10
Number of Intervals/Interval 0.01/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

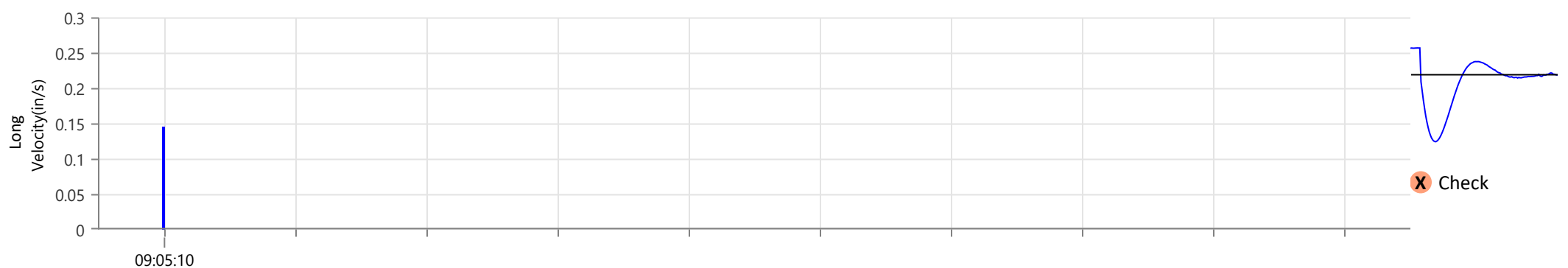
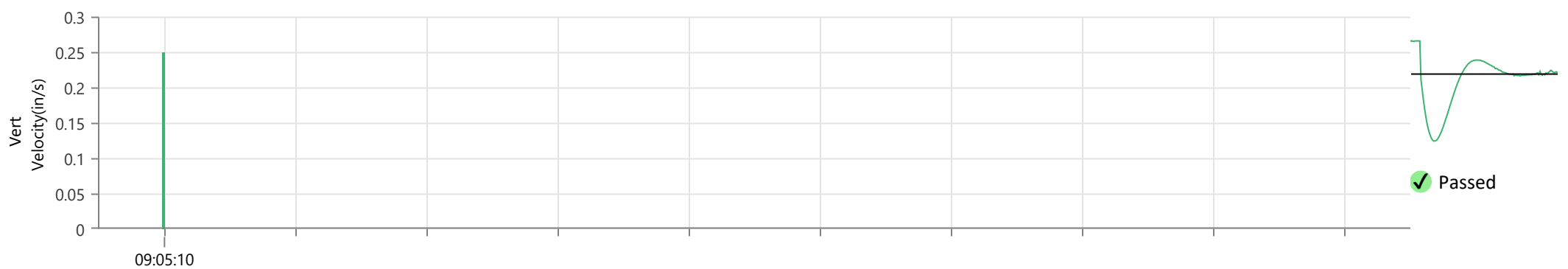
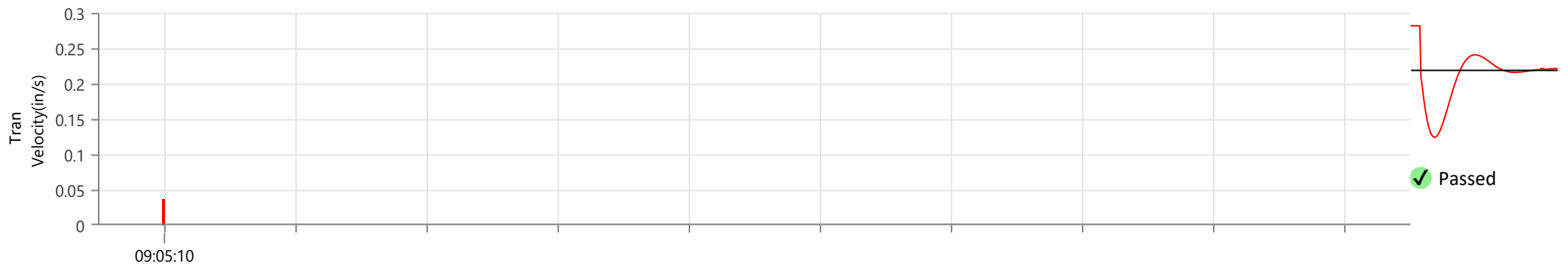
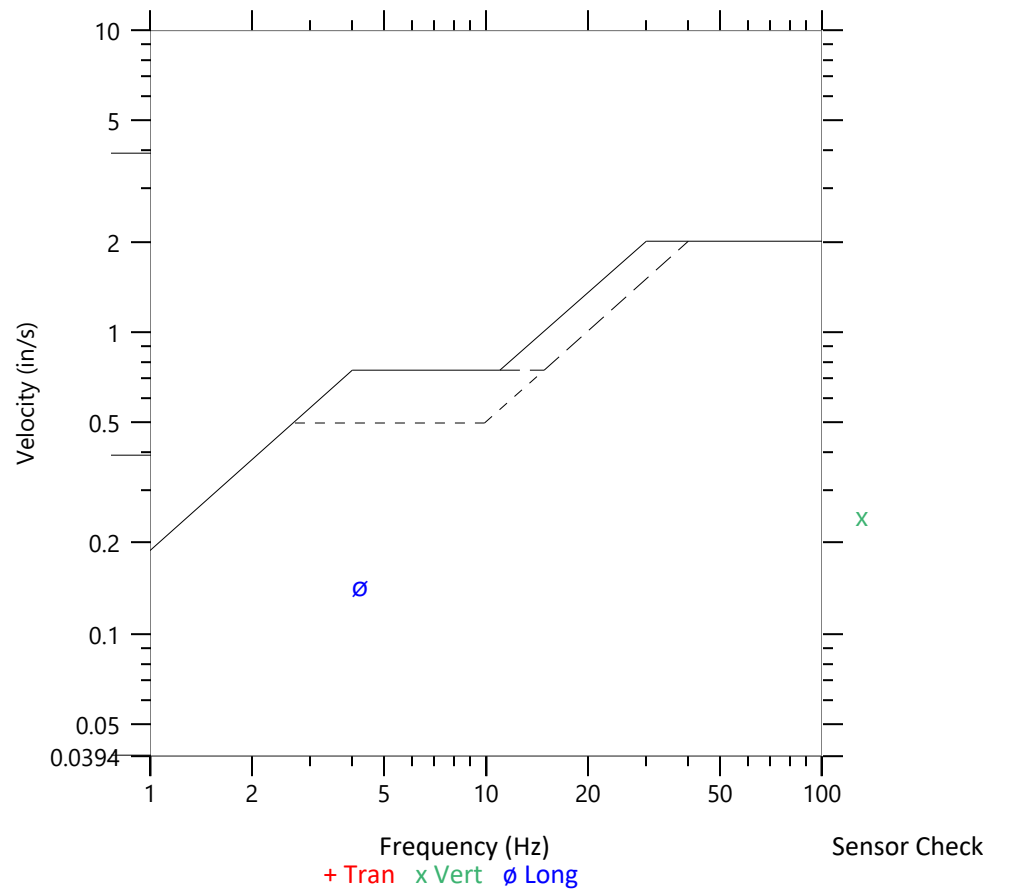
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260303090504.IDFH
USB Sensor Support Disabled

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	0.0375 in/s	0.2501 in/s	0.1468 in/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	4.2 Hz
Date	Mar 3, 2026	Mar 3, 2026	Mar 3, 2026
Time	09:05:10	09:05:10	09:05:10
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.3	4.7	5.0
Peak Vector Sum	0.2573 in/s at March 3, 2026 09:20:04		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at March 3, 2026 09:05:05
 Geo 0.2000 in/s
 0.32 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_20260303090505.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.

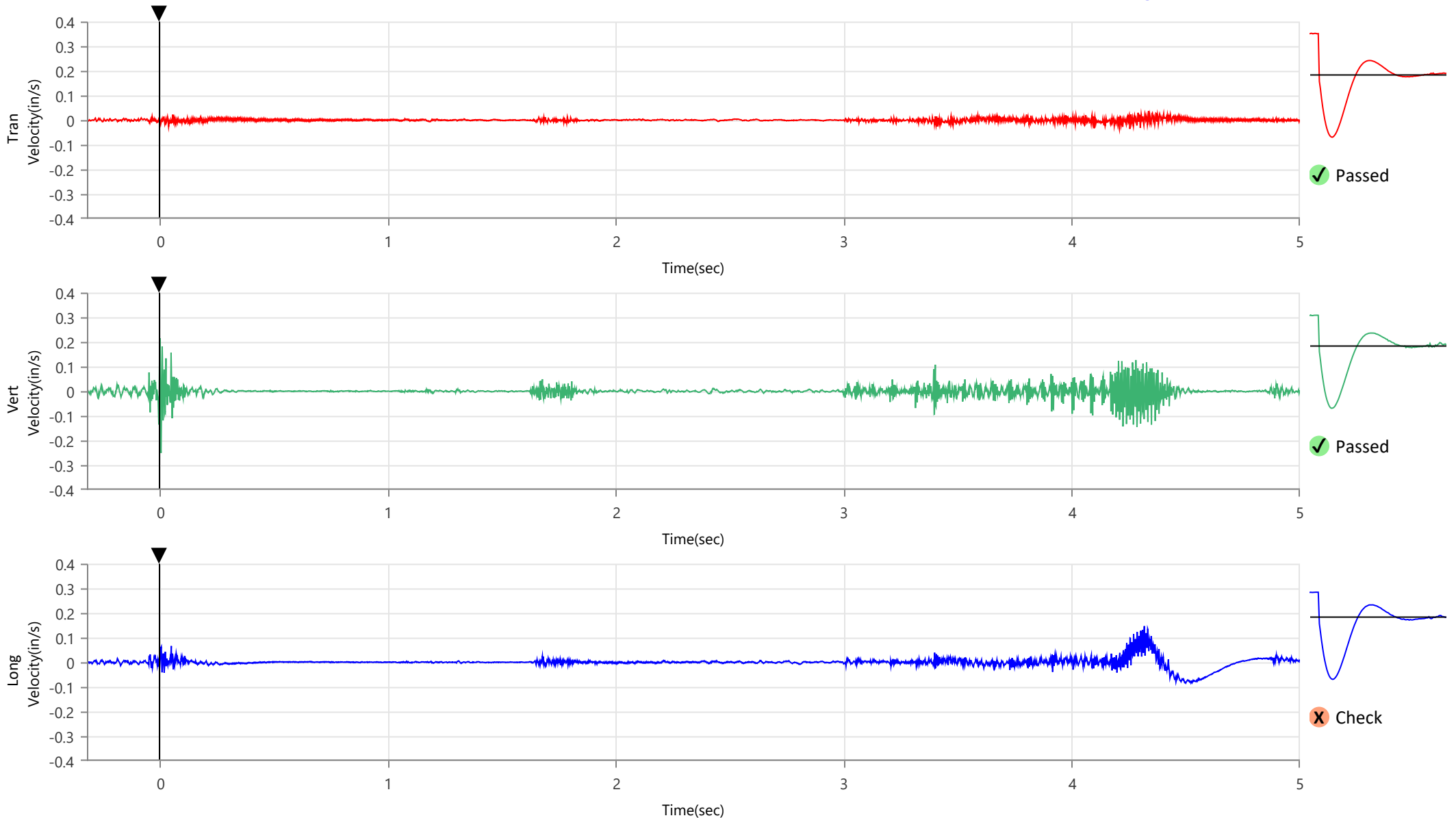
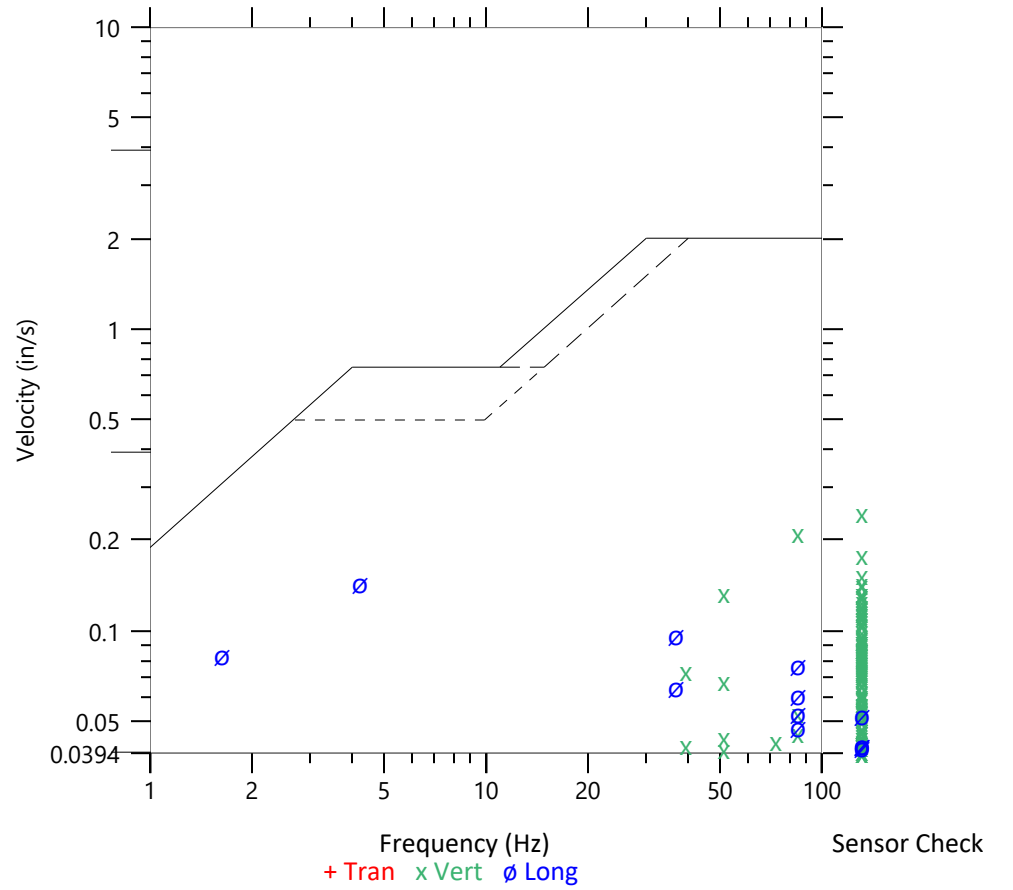
Geophone

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

Tran	Vert	Long
0.0375 in/s	0.2501 in/s	0.1468 in/s
85.3 Hz	>100 Hz	4.2 Hz
4.336 sec	0.004 sec	4.317 sec
0.065 g	0.507 g	0.168 g
0.000 in	0.000 in	0.008 in
✓ Passed	✓ Passed	✗ Check
7.5 Hz	7.3 Hz	7.1 Hz
4.3	4.7	5.0

Peak Vector Sum: 0.2573 in/s at 0.004 sec

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at March 3, 2026 09:05:05
Geo 0.2000 in/s
0.32 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

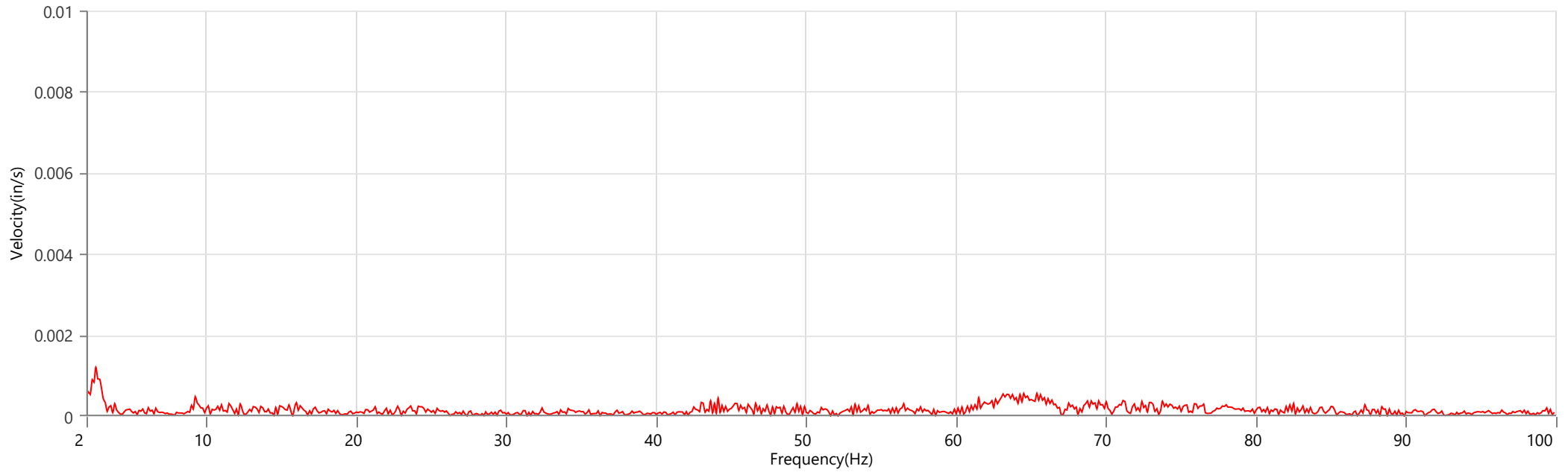
UM17584
Micromate ISEE 11.0CB
3.8 volts
January 22, 2026 by Instantel
UM17584_20260303090505.IDFW
Disabled

Notes

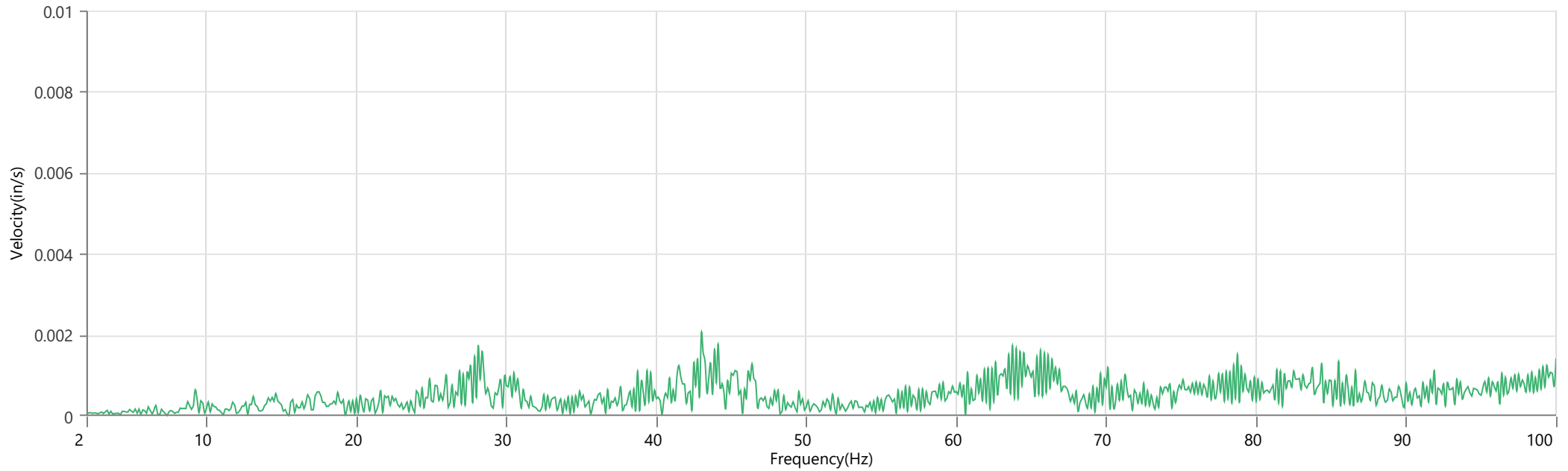
Location Thurston Elementary School, Ann Arbor
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

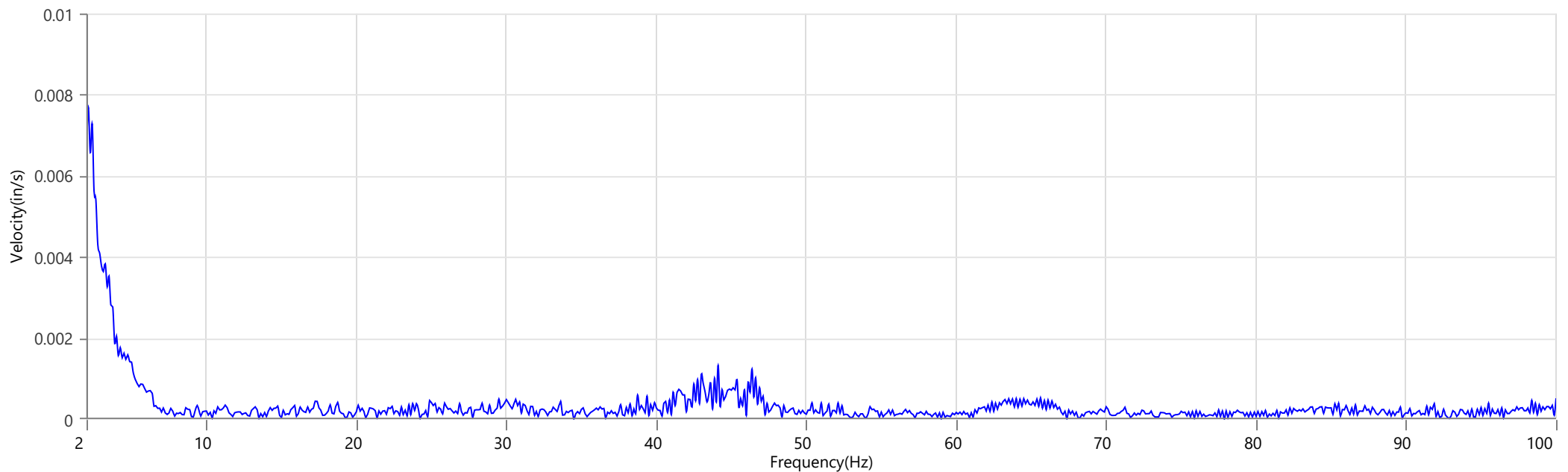
Tran - Dominant Frequency 2.6 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0375 in/s)



Vert - Dominant Frequency 43.0 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.2501 in/s)



Long - Dominant Frequency 2.1 Hz, Amplitude 0.0077 in/s (Peak Particle Velocity: 0.1468 in/s)



Start March 4, 2026 10:52:51
Finish March 4, 2026 11:59:59
Number of Intervals/Interval 4.48/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

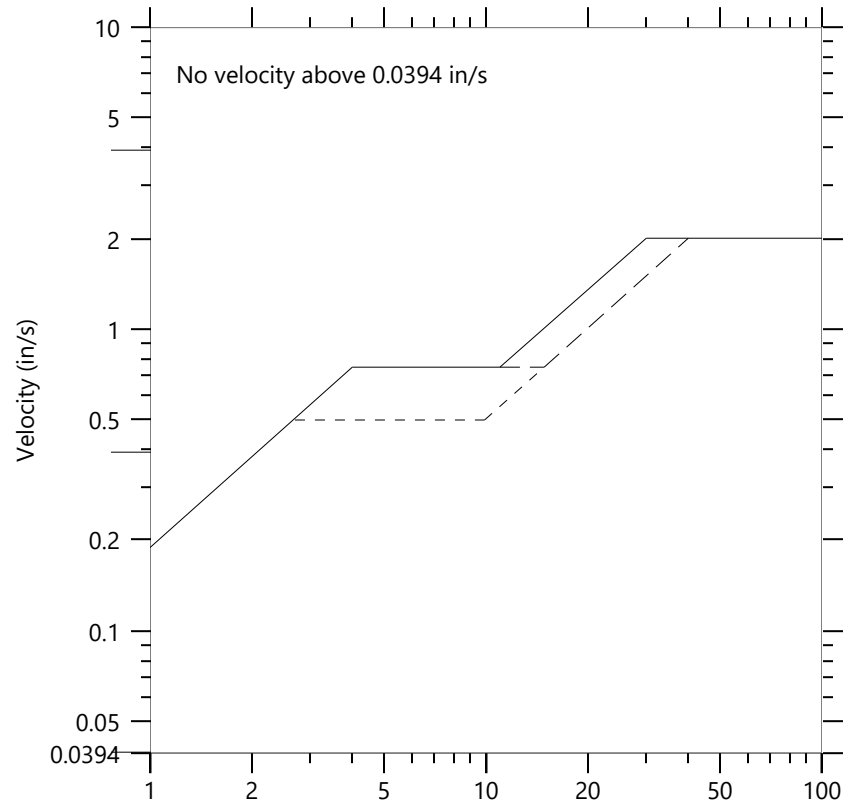
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260304105251.IDFH
USB Sensor Support Disabled

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	>100 Hz	>100 Hz	>100 Hz
Date	Mar 4, 2026	Mar 4, 2026	Mar 4, 2026
Time	11:07:51	11:22:51	11:07:51
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.0047 in/s at March 4, 2026 11:22:51		

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 4, 2026 12:00:31
Finish March 4, 2026 16:59:59
Number of Intervals/Interval 19.96/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

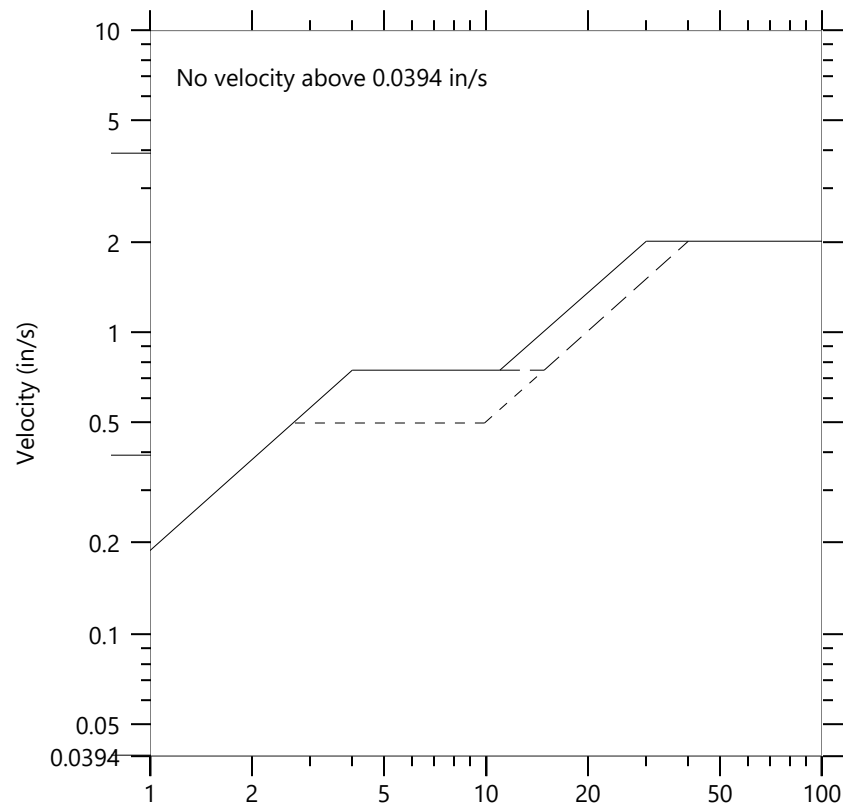
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260304120031.IDFH
USB Sensor Support Disabled

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.

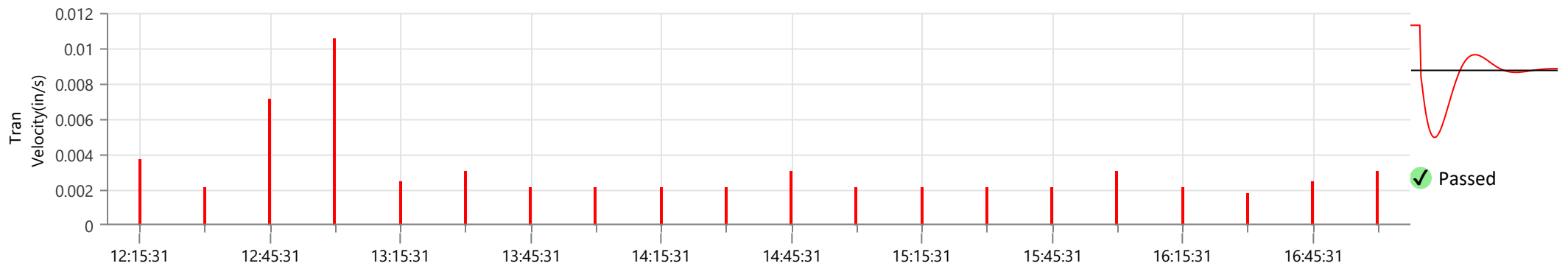
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0106 in/s	0.0078 in/s	0.0065 in/s
Zero Crossing Frequency	42.7 Hz	25.6 Hz	22.3 Hz
Date	Mar 4, 2026	Mar 4, 2026	Mar 4, 2026
Time	13:00:31	12:45:31	12:45:31
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.7	5.0
Peak Vector Sum	0.0111 in/s at March 4, 2026 13:00:31		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

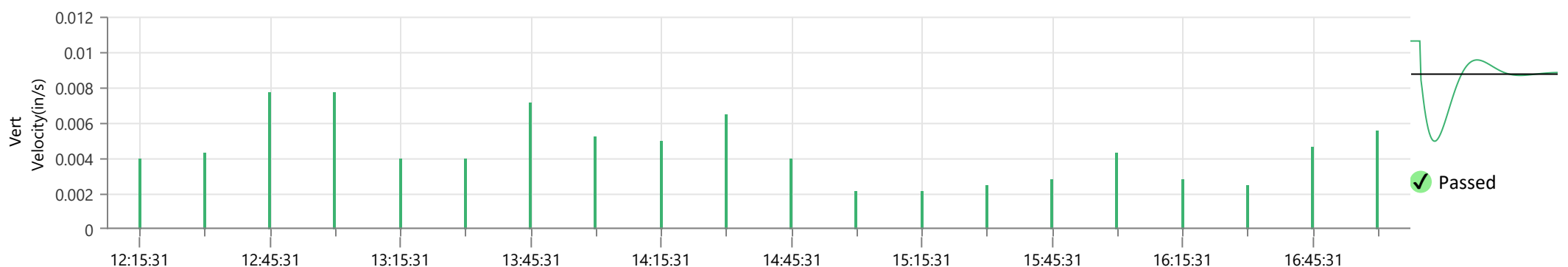


Frequency (Hz)
 + Tran x Vert ø Long

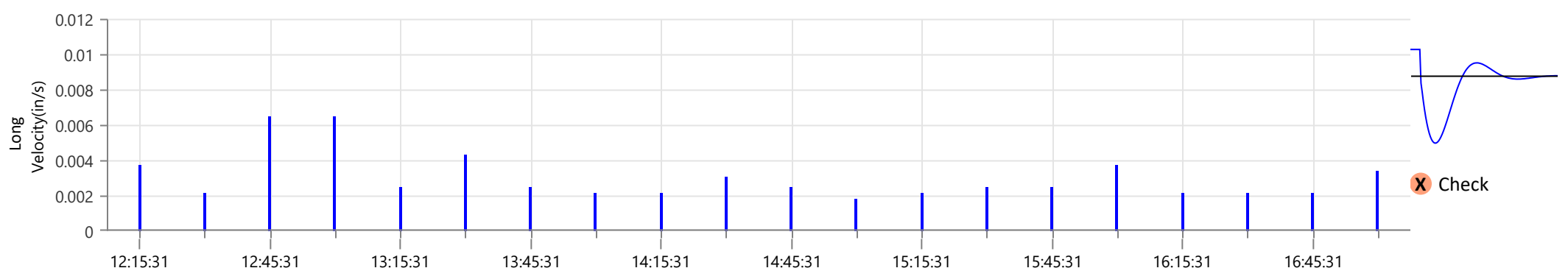
Sensor Check



✓ Passed



✓ Passed



✗ Check

Start March 4, 2026 17:04:51
Finish March 5, 2026 07:29:59
Number of Intervals/Interval 57.68/900 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_20260304170451.IDFH
USB Sensor Support Disabled

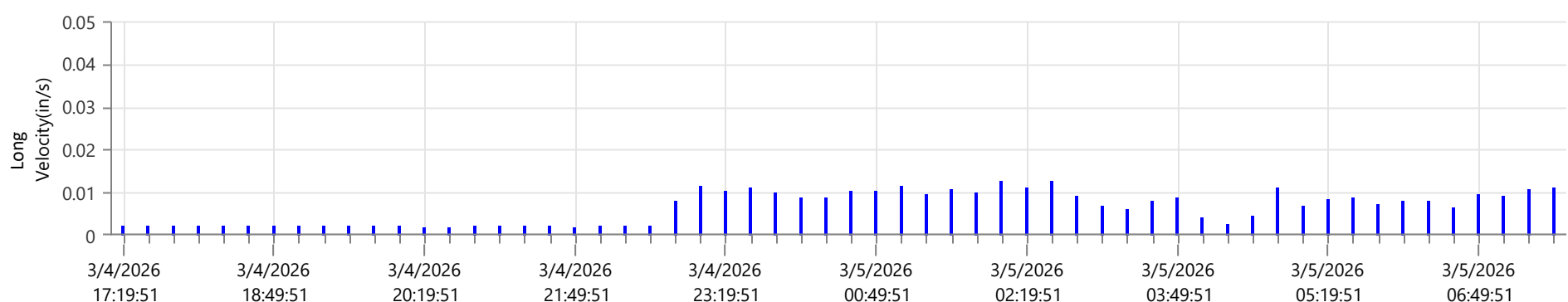
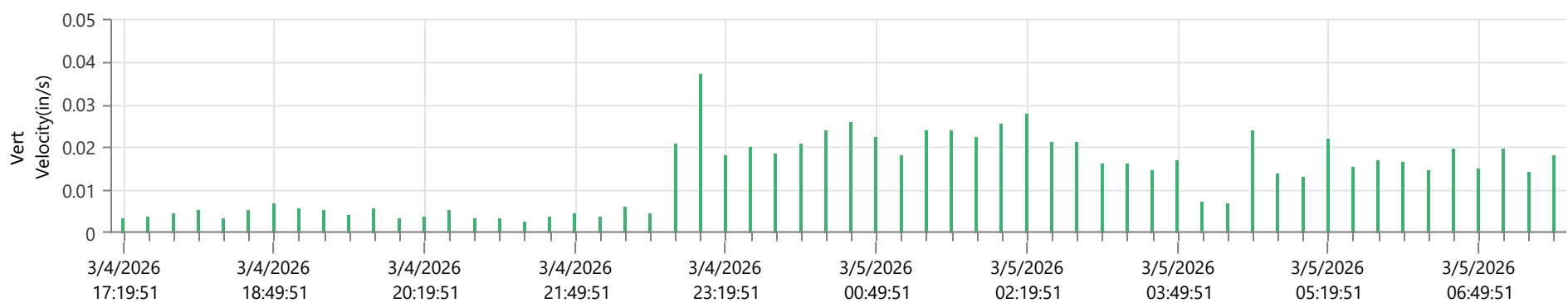
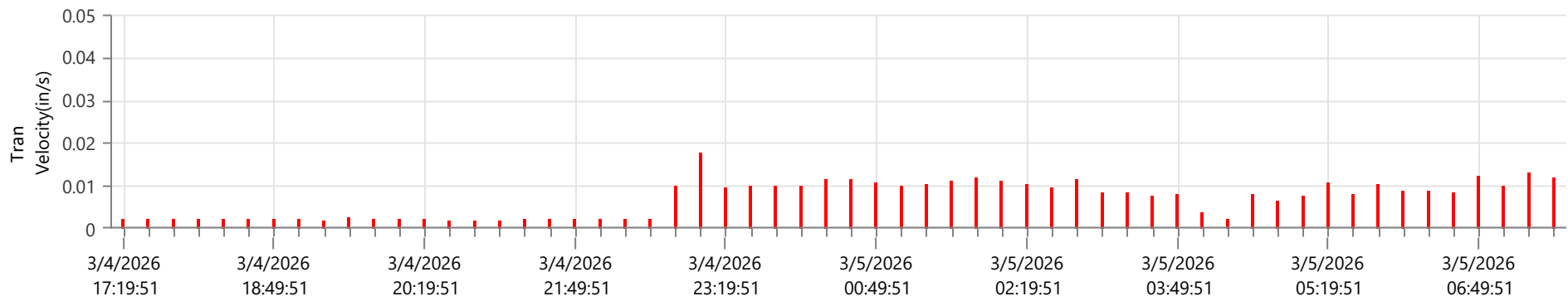
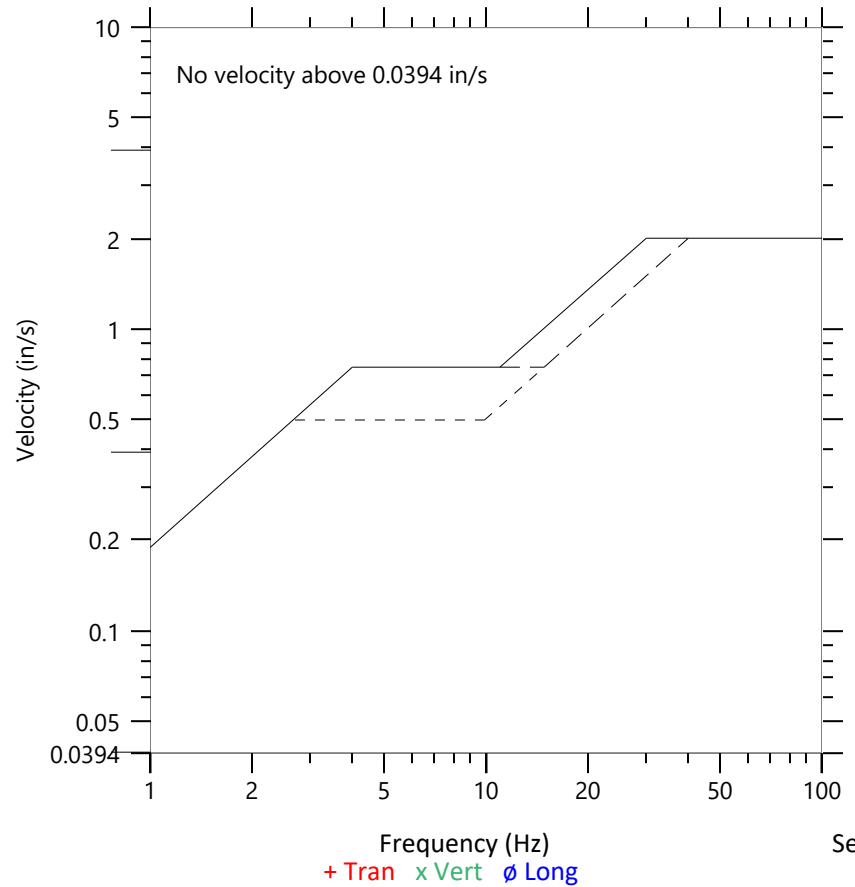
Notes
Location Thurston Elementary School, Ann Arbor MI
Client Gilbane Building Company
Company G2 Consulting Group, LLC
General Notes G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0177 in/s	0.0372 in/s	0.0127 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Mar 4, 2026	Mar 4, 2026	Mar 5, 2026
Time	23:04:51	23:04:51	02:04:51
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 0.0400 in/s at March 4, 2026 23:04:51

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Start March 5, 2026 07:32:10
Finish March 5, 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

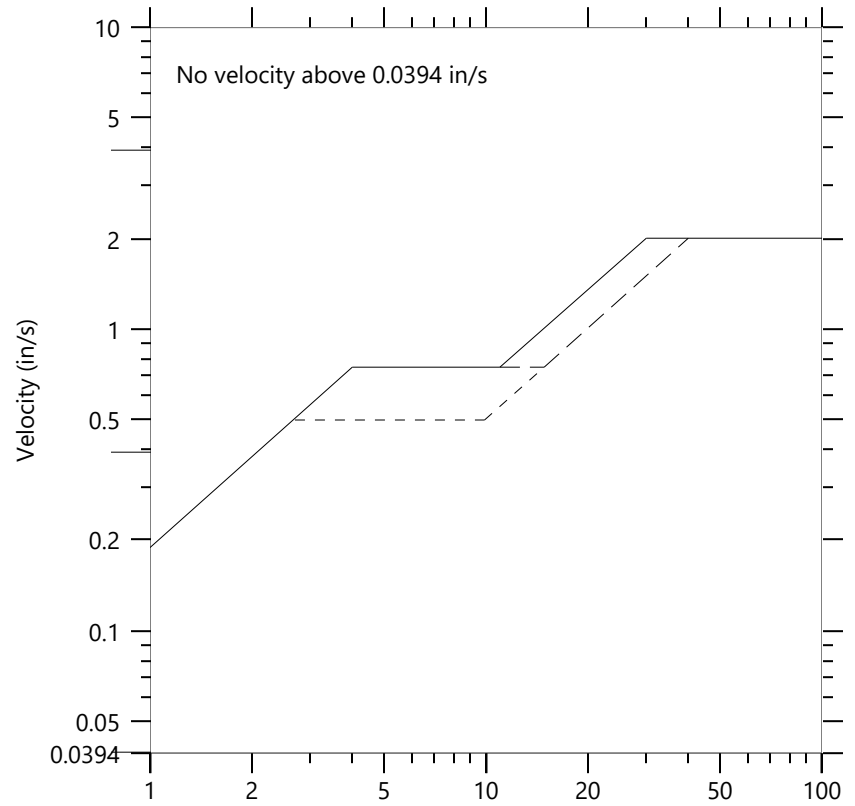
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260305073210.IDFH
USB Sensor Support Disabled

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.

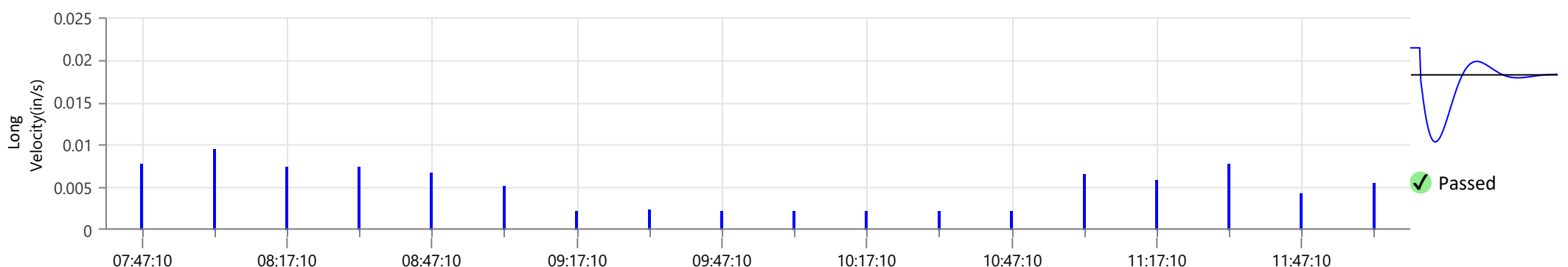
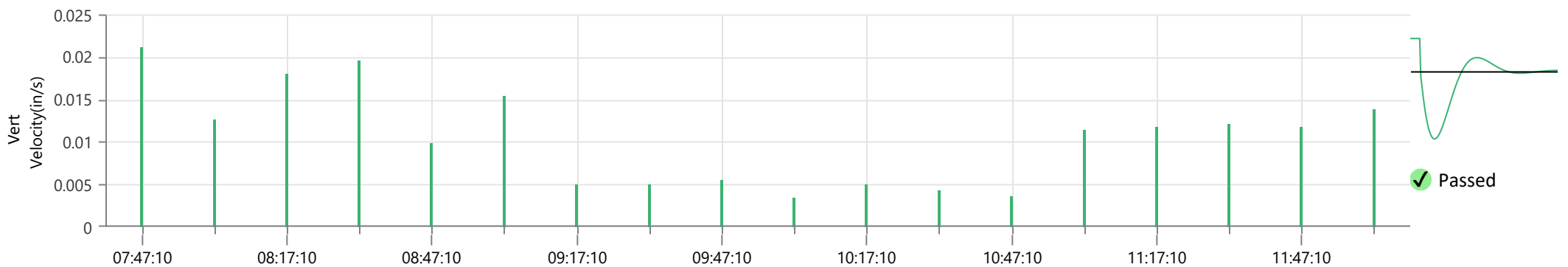
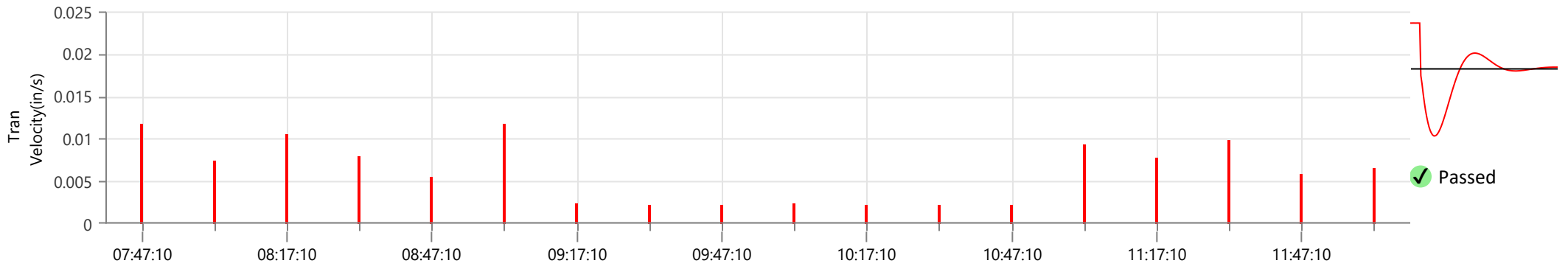
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0118 in/s	0.0211 in/s	0.0096 in/s
Zero Crossing Frequency	>100 Hz	>100 Hz	>100 Hz
Date	Mar 5, 2026	Mar 5, 2026	Mar 5, 2026
Time	07:47:10	07:47:10	08:02:10
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9
Peak Vector Sum	0.0220 in/s at March 5, 2026 07:47:10		

USBM R18507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long

Sensor Check



Start March 5, 2026 12:00:36
Finish March 5, 2026 16:59:59
Number of Intervals/Interval 19.96/900 sec
Sample Rate 1024 sps
Setup File Name 233473 Thurston Elementary School.mmb
Operator Operator

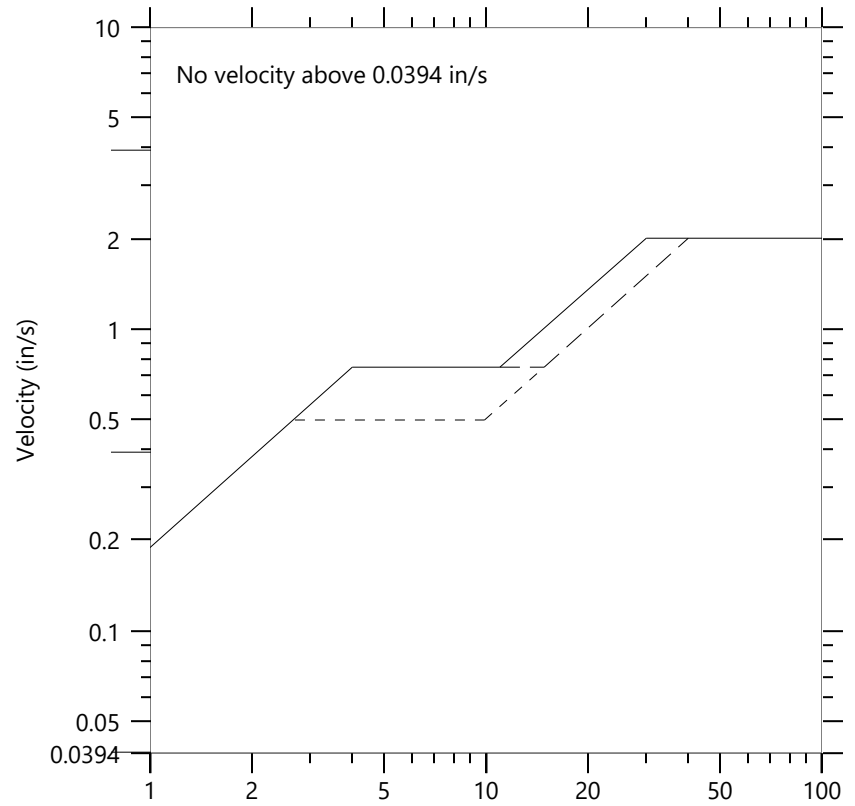
Serial Number UM17584
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 22, 2026 by Instantel
Event File Name UM17584_20260305120036.IDFH
USB Sensor Support Disabled

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.

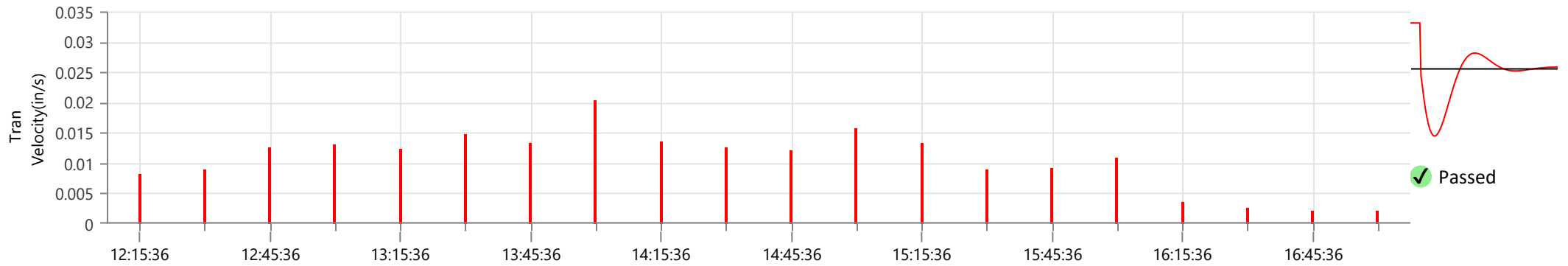
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0205 in/s	0.0285 in/s	0.0130 in/s
Zero Crossing Frequency	85.3 Hz	>100 Hz	>100 Hz
Date	Mar 5, 2026	Mar 5, 2026	Mar 5, 2026
Time	14:00:36	15:00:36	15:15:36
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.2	4.6	4.9
Peak Vector Sum	0.0287 in/s at March 5, 2026 15:00:36		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

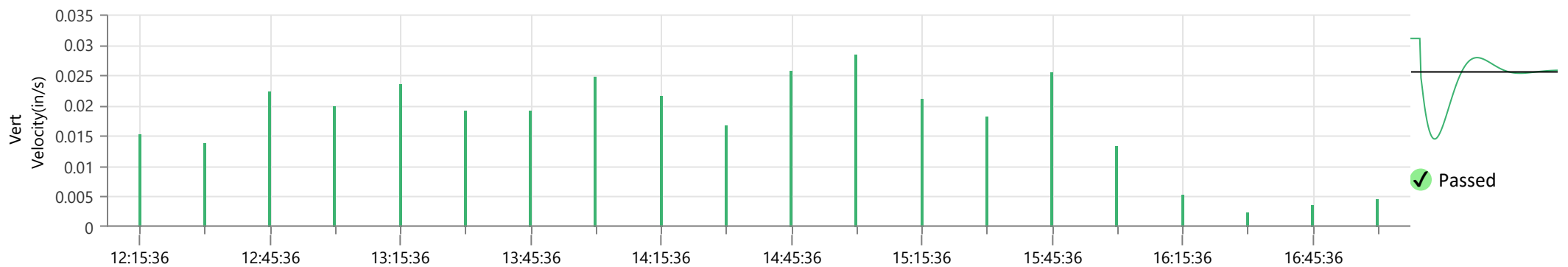


Frequency (Hz)
+ Tran x Vert ø Long

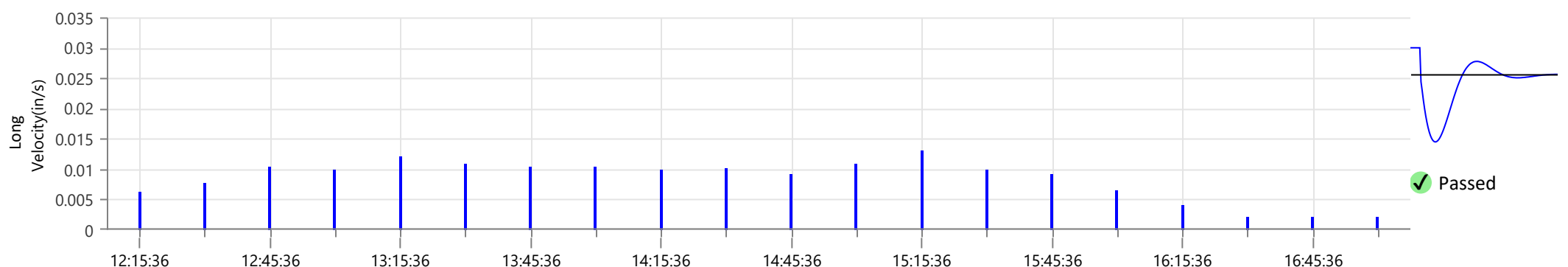
Sensor Check



✓ Passed



✓ Passed



✓ Passed