



CONSULTING  
GROUP

# Vibration Monitoring Report Summary

Slauson Middle School  
Renovation and Addition

Project Number: 253121

Date: 03/16/26 to 3/20/26

Client: Ann Arbor Public Schools

Client Contact: Erik Bodker (Gilbane)

Project Address: 1019 W Washington St, Ann Arbor, MI 48103

Micromate/Minimate Serial No. :

UM17585

Geophone Serial No.:

UM17585

Vibration Unit  
Location:

UM17585 - West side of school, next to property line between 231 and 229 Buena Visa Ave.

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

Frequency (Hz) at PPV:

UM17585

0.0590 - Vertical Channel on 03-18-26 at 8:47:05

UM17585

32.0Hz

Maximum Specified PPV (in/sec):

0.20

Description of Construction Activities:

General construction activities with the intent to establish a baseline vibration level during construction. Zero (0) vibration events occurred.

Reported By: RPC, P.E.

Reviewed By: MGD, P.E.

**Start** March 16, 2026 12:09:17  
**Finish** March 16, 2026 15:29:59  
**Number of Intervals/Interval** 13.38/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260316120917.IDFH  
**USB Sensor Support** Disabled

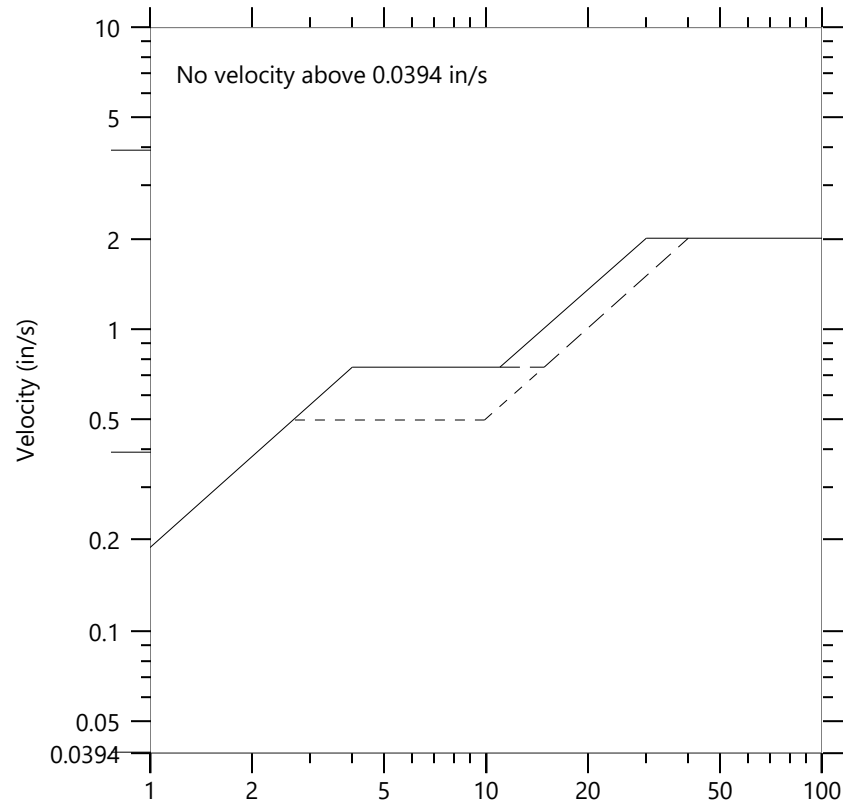
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0298 in/s	0.0338 in/s	0.0338 in/s
Zero Crossing Frequency	34.1 Hz	36.6 Hz	36.6 Hz
Date	Mar 16, 2026	Mar 16, 2026	Mar 16, 2026
Time	14:09:17	13:09:17	13:09:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

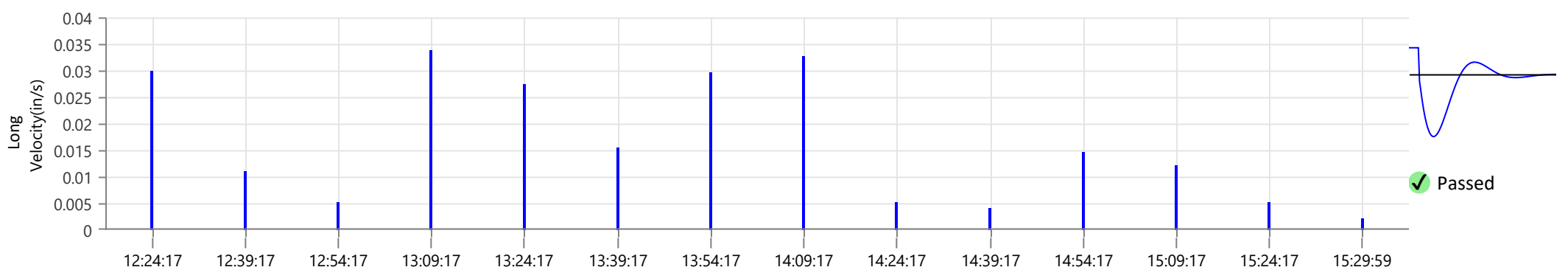
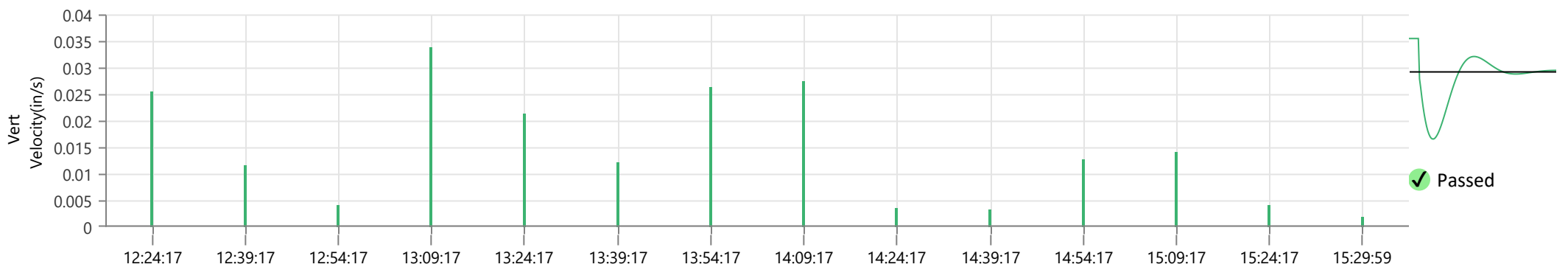
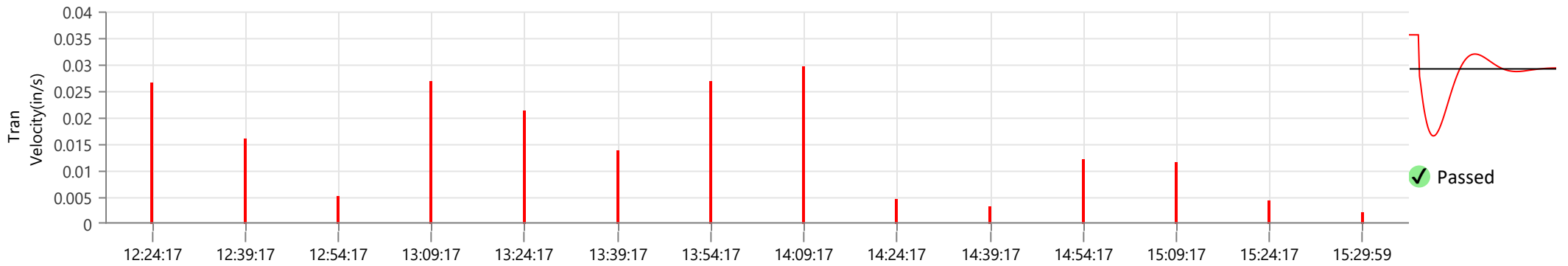
Peak Vector Sum 0.0494 in/s at March 16, 2026 14:09:17

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
+ Tran x Vert ø Long

Sensor Check



**Start** March 16, 2026 15:30:18  
**Finish** March 17, 2026 07:29:59  
**Number of Intervals/Interval** 63.98/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260316153018.IDFH  
**USB Sensor Support** Disabled

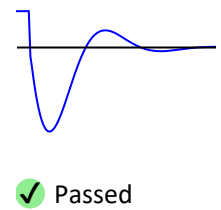
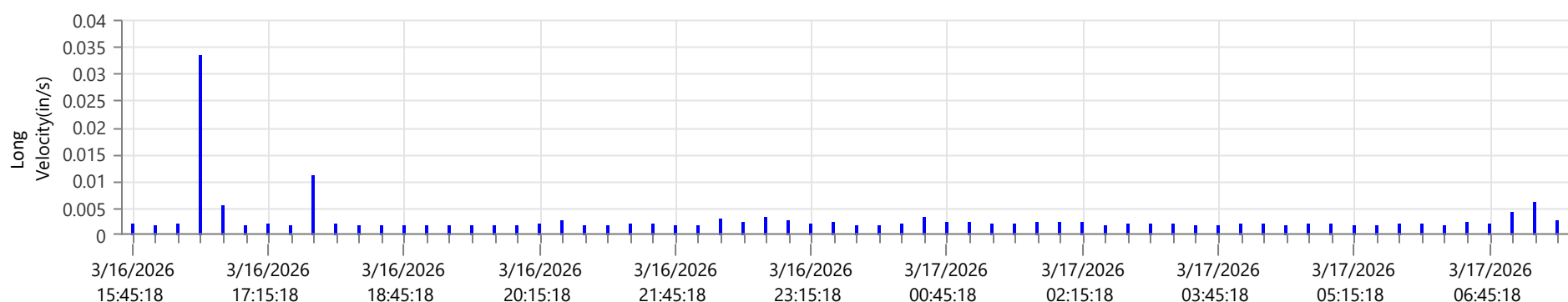
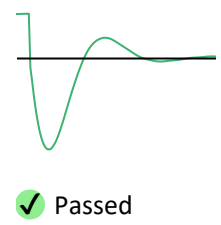
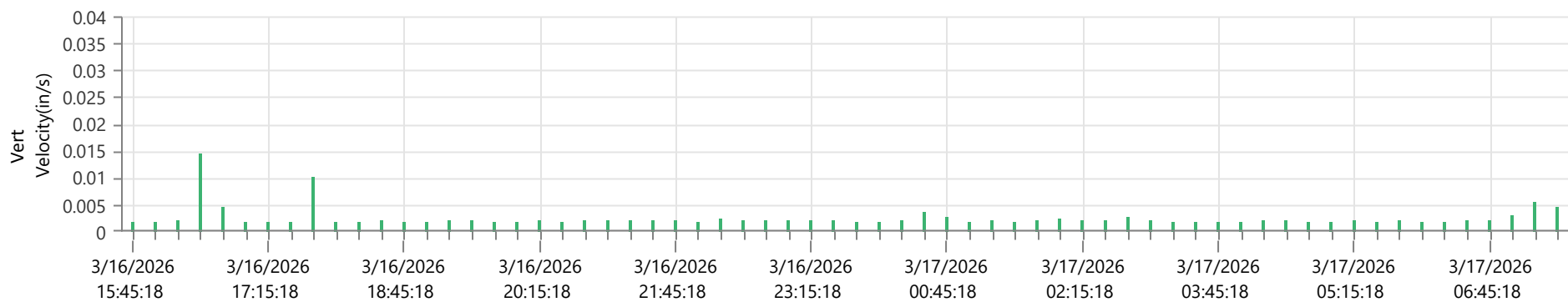
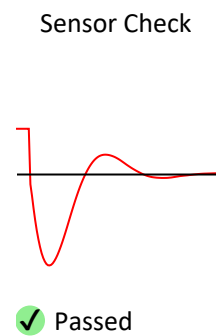
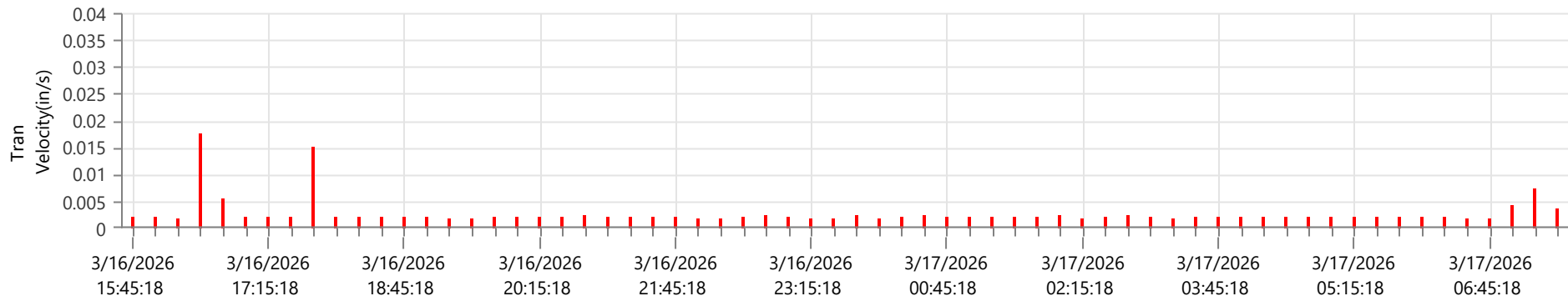
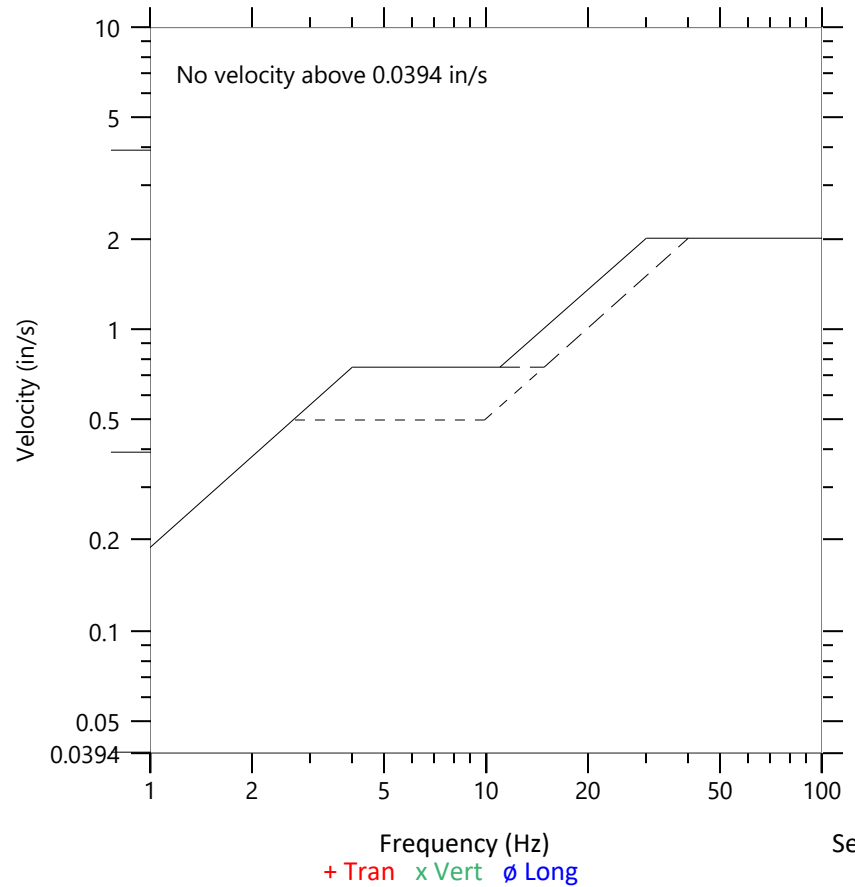
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0177 in/s	0.0146 in/s	0.0335 in/s
Zero Crossing Frequency	24.4 Hz	9.7 Hz	14.6 Hz
Date	Mar 16, 2026	Mar 16, 2026	Mar 16, 2026
Time	16:30:18	16:30:18	16:30:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.9

Peak Vector Sum 0.0360 in/s at March 16, 2026 16:30:18

**USBM R18507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



**Start** March 17, 2026 07:32:05  
**Finish** March 17, 2026 11:59:59  
**Number of Intervals/Interval** 17.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260317073205.IDFH  
**USB Sensor Support** Disabled

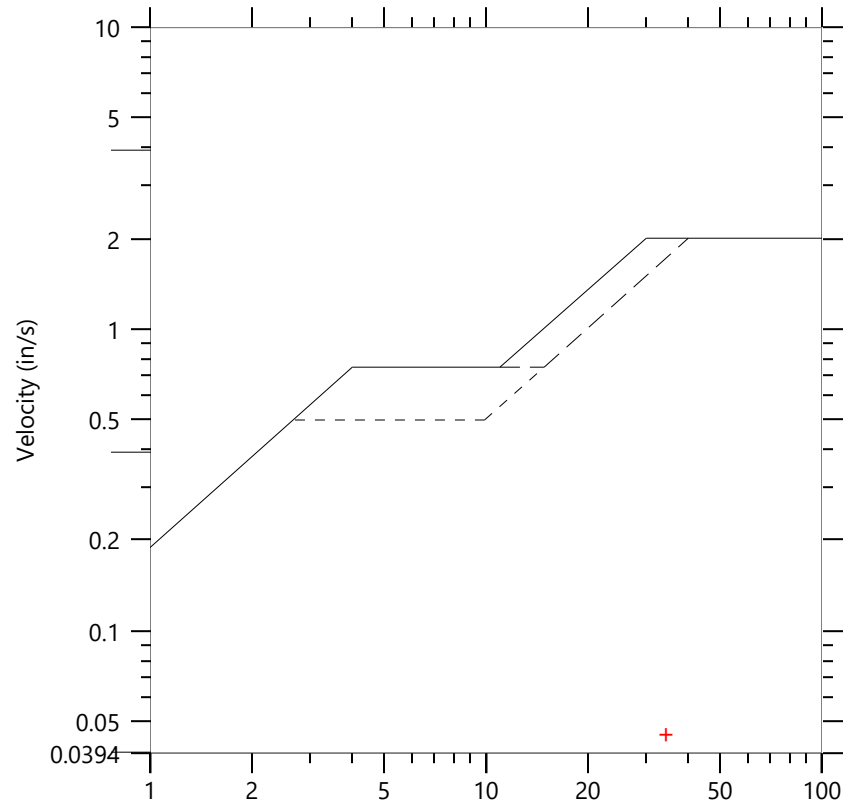
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0465 in/s	0.0304 in/s	0.0261 in/s
Zero Crossing Frequency	34.1 Hz	42.7 Hz	22.3 Hz
Date	Mar 17, 2026	Mar 17, 2026	Mar 17, 2026
Time	11:32:05	11:02:05	10:02:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.8

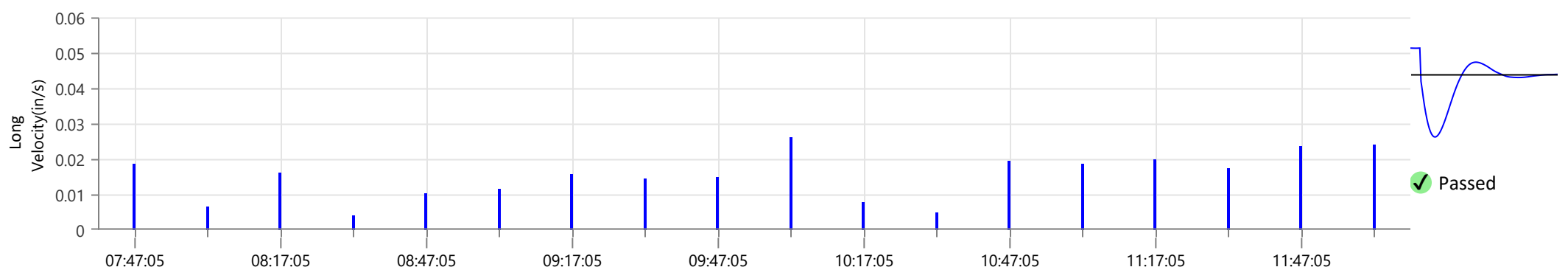
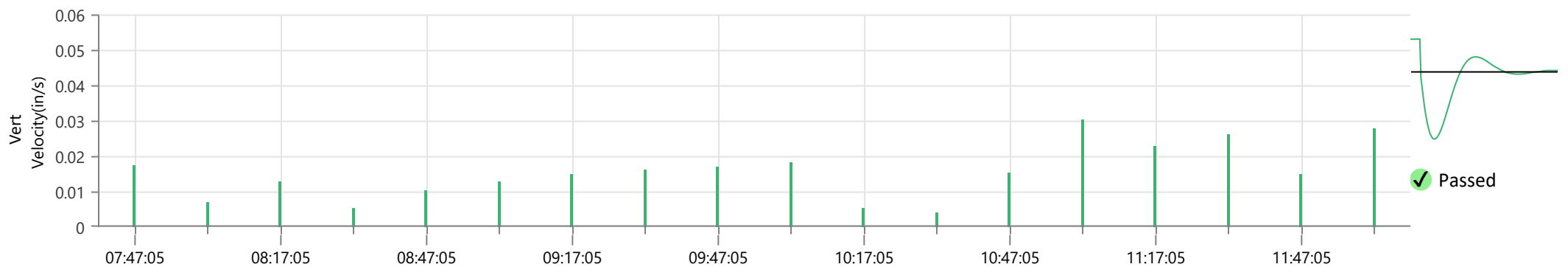
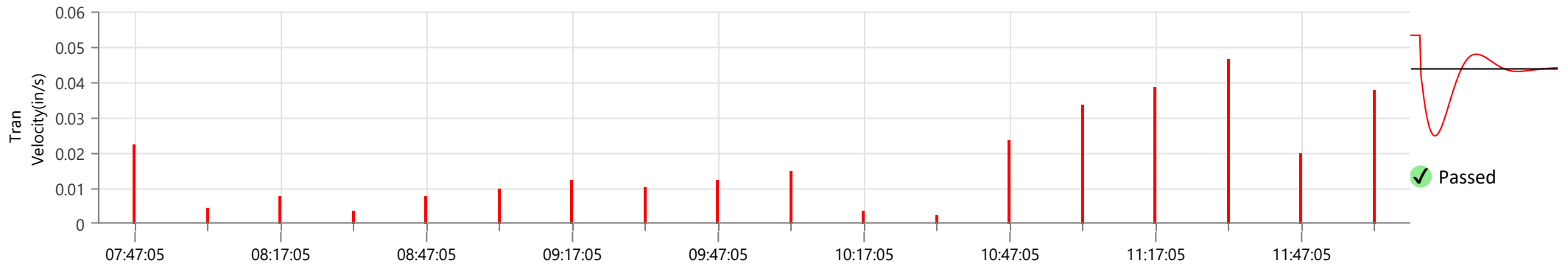
Peak Vector Sum 0.0525 in/s at March 17, 2026 11:32:05

**USBM R18507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
 + Tran x Vert ø Long

Sensor Check



**Start** March 17, 2026 12:00:25  
**Finish** March 17, 2026 15:29:59  
**Number of Intervals/Interval** 13.97/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260317120025.IDFH  
**USB Sensor Support** Disabled

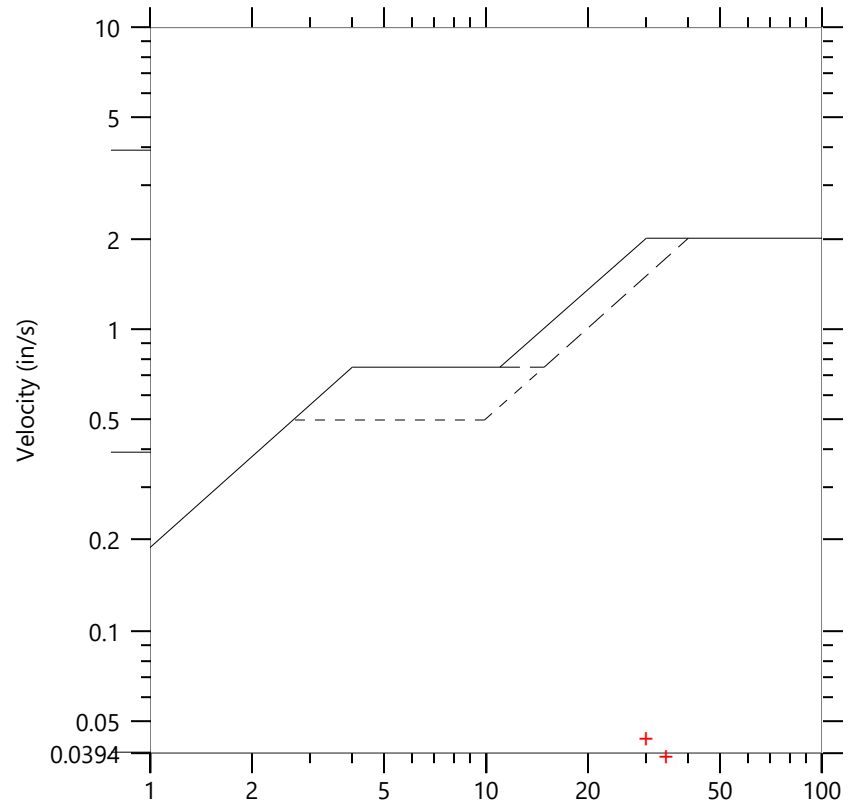
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0453 in/s	0.0292 in/s	0.0295 in/s
Zero Crossing Frequency	30.1 Hz	39.4 Hz	42.7 Hz
Date	Mar 17, 2026	Mar 17, 2026	Mar 17, 2026
Time	13:15:25	14:15:25	14:15:25
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

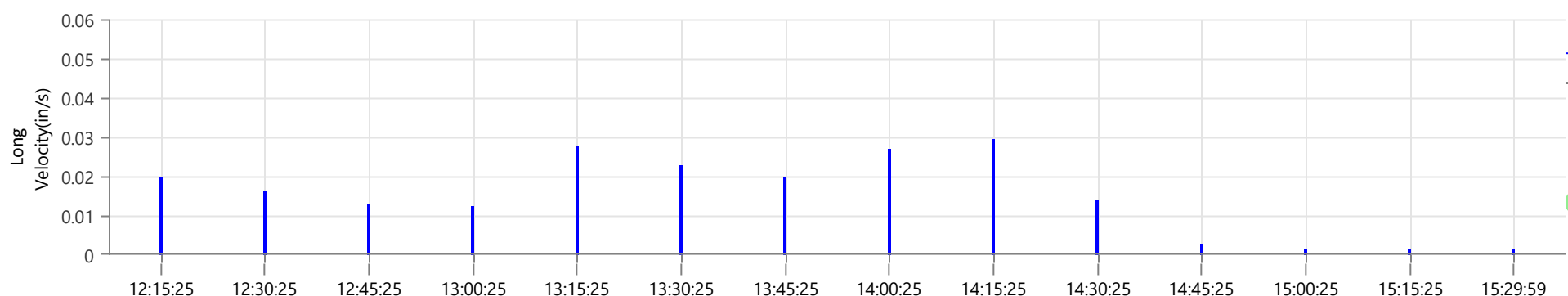
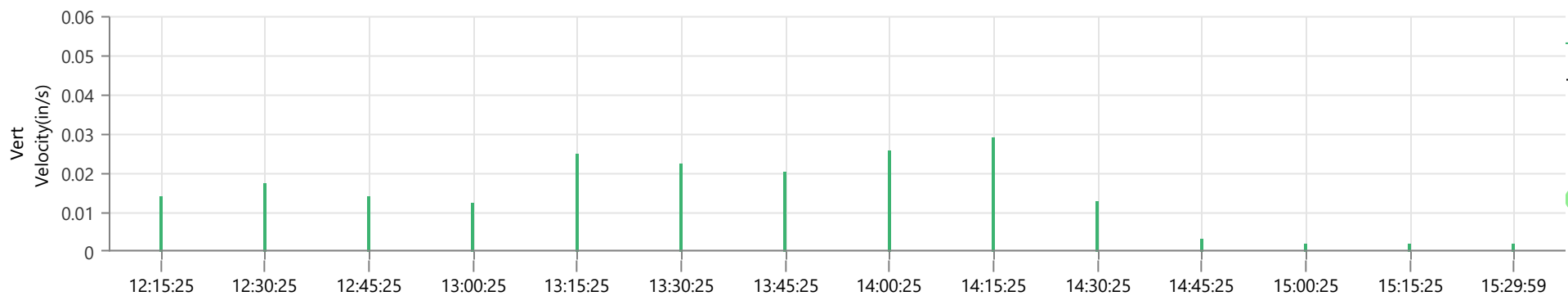
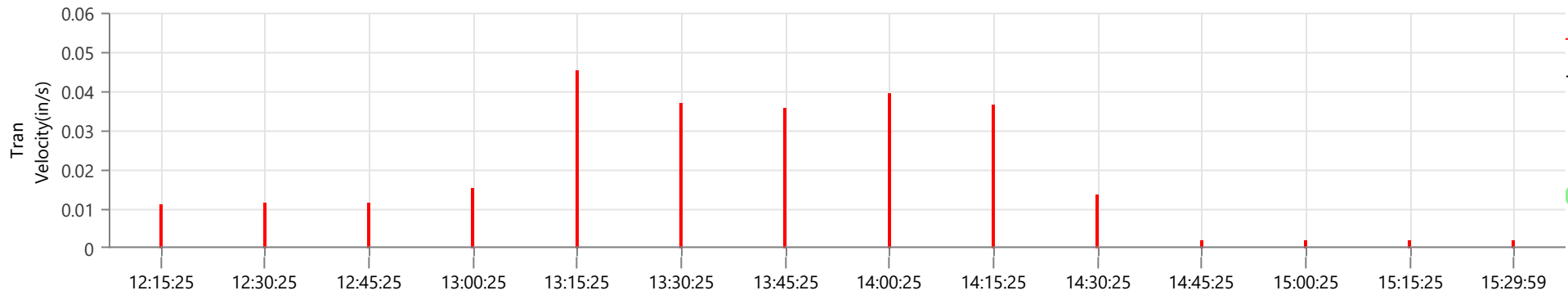
Peak Vector Sum 0.0482 in/s at March 17, 2026 13:15:25

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
+ Tran x Vert ø Long

Sensor Check



**Start** March 17, 2026 15:30:19  
**Finish** March 18, 2026 07:29:59  
**Number of Intervals/Interval** 63.98/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260317153019.IDFH  
**USB Sensor Support** Disabled

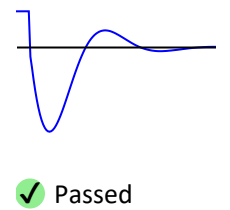
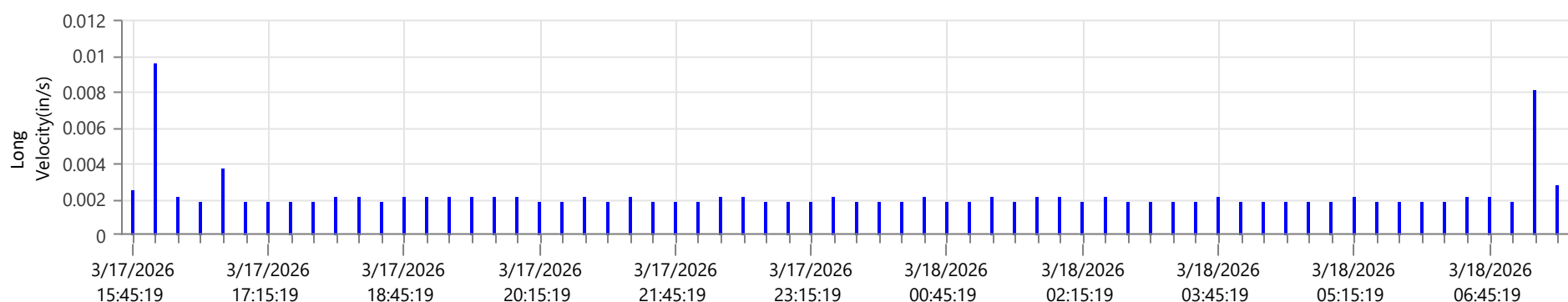
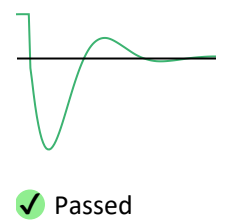
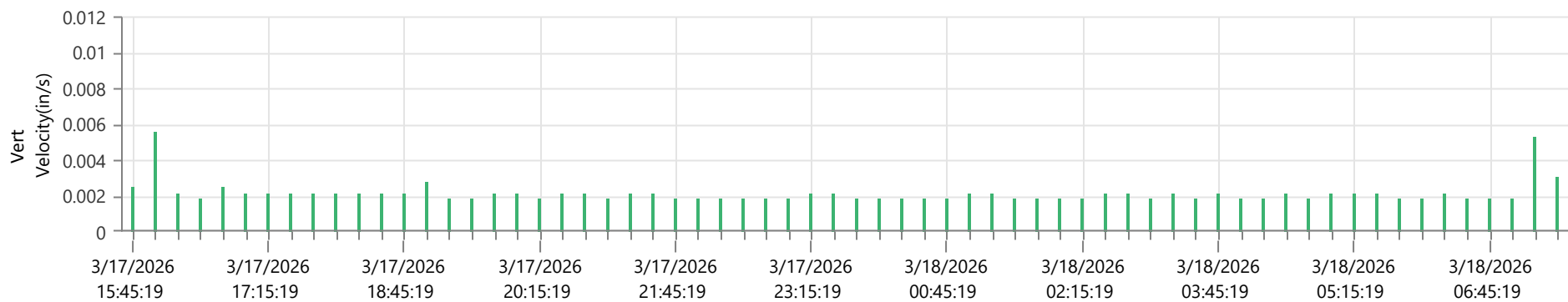
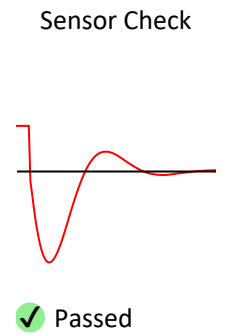
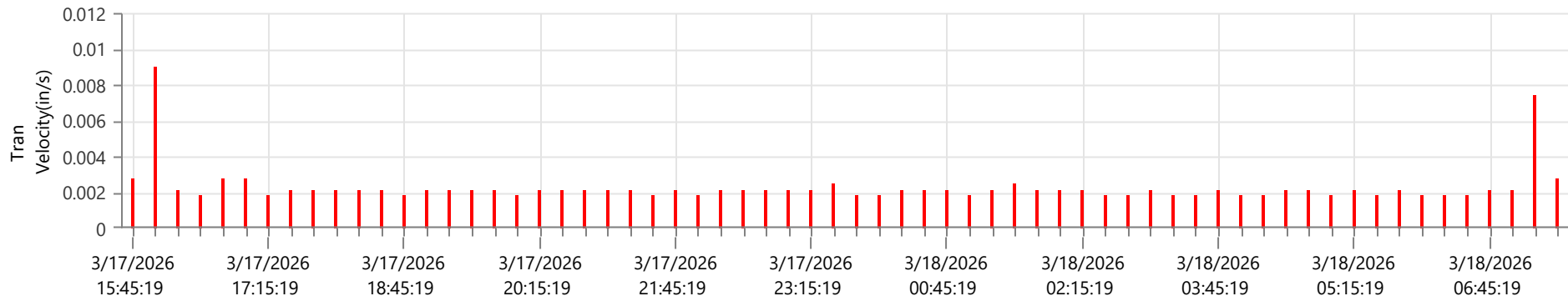
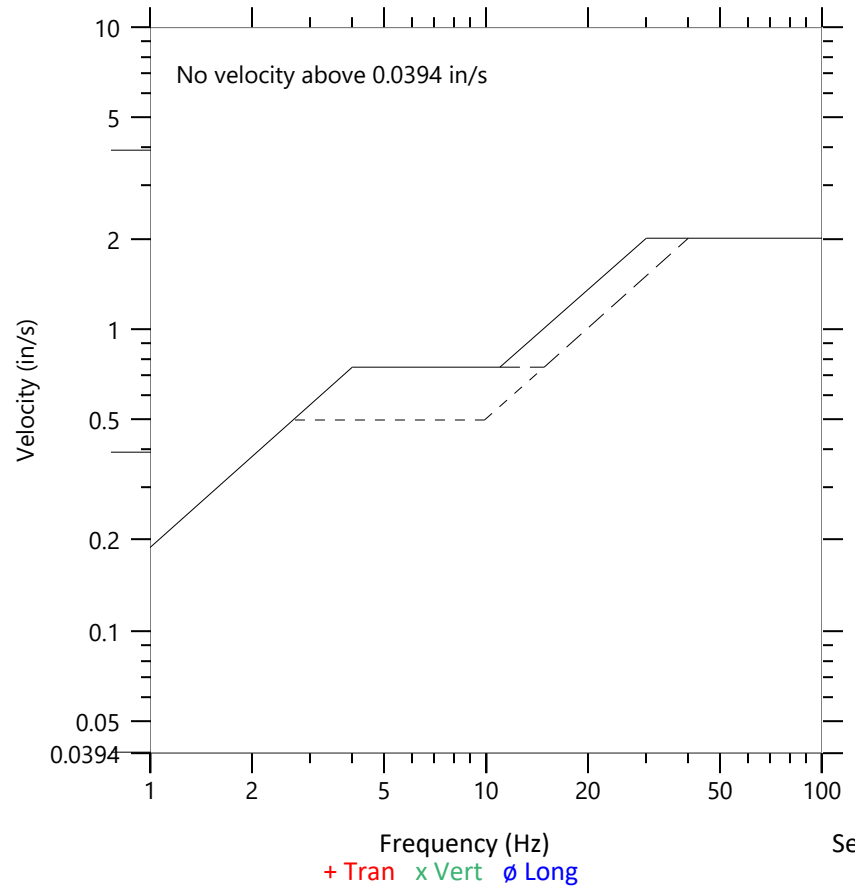
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0090 in/s	0.0056 in/s	0.0096 in/s
Zero Crossing Frequency	17.7 Hz	46.5 Hz	32.0 Hz
Date	Mar 17, 2026	Mar 17, 2026	Mar 17, 2026
Time	16:00:19	16:00:19	16:00:19
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.9

Peak Vector Sum 0.0114 in/s at March 17, 2026 16:00:19

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



**Start** March 18, 2026 07:32:05  
**Finish** March 18, 2026 11:59:59  
**Number of Intervals/Interval** 17.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260318073205.IDFH  
**USB Sensor Support** Disabled

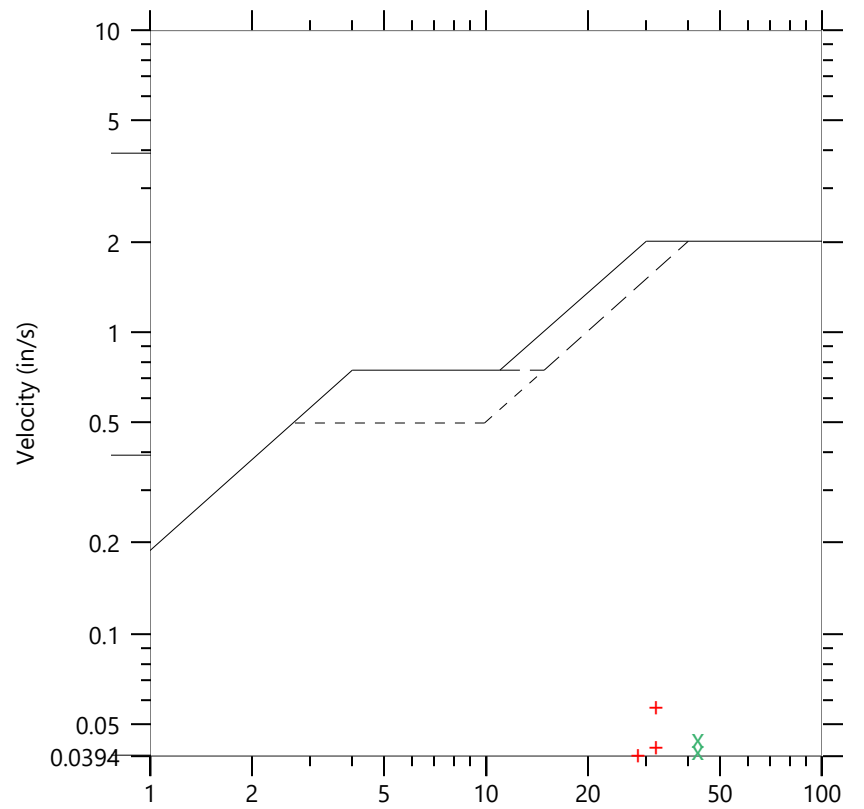
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0590 in/s	0.0462 in/s	0.0320 in/s
Zero Crossing Frequency	32.0 Hz	42.7 Hz	30.1 Hz
Date	Mar 18, 2026	Mar 18, 2026	Mar 18, 2026
Time	08:47:05	07:47:05	08:47:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.9

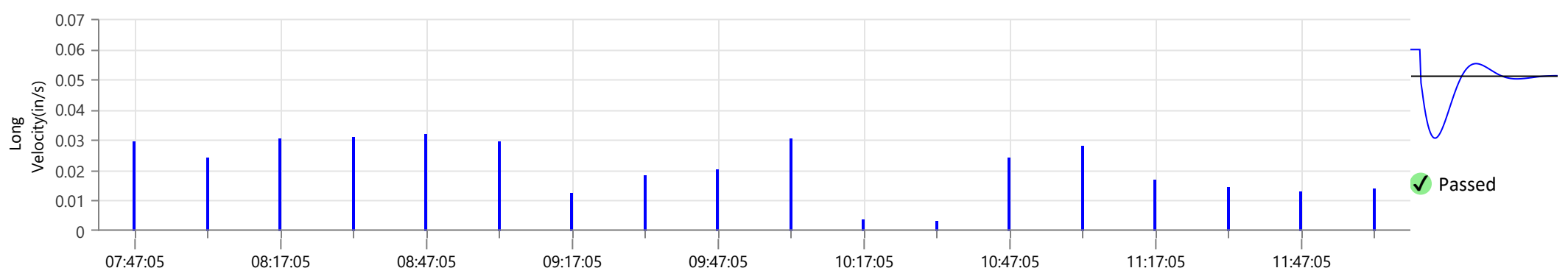
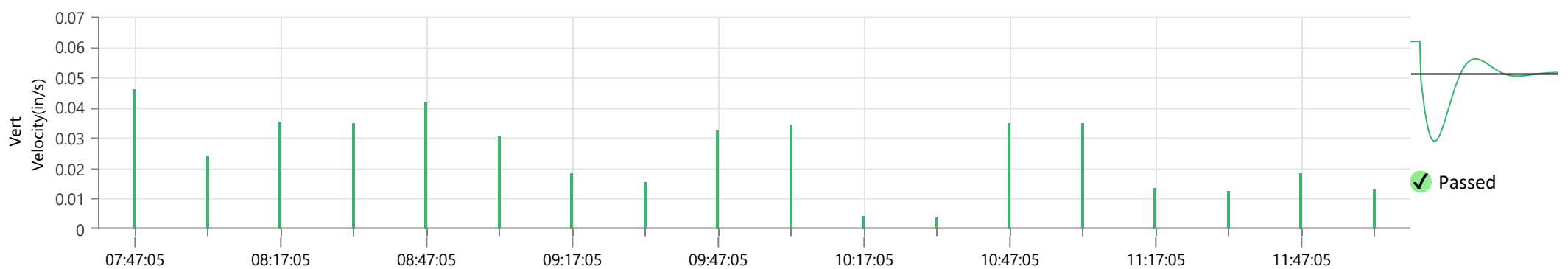
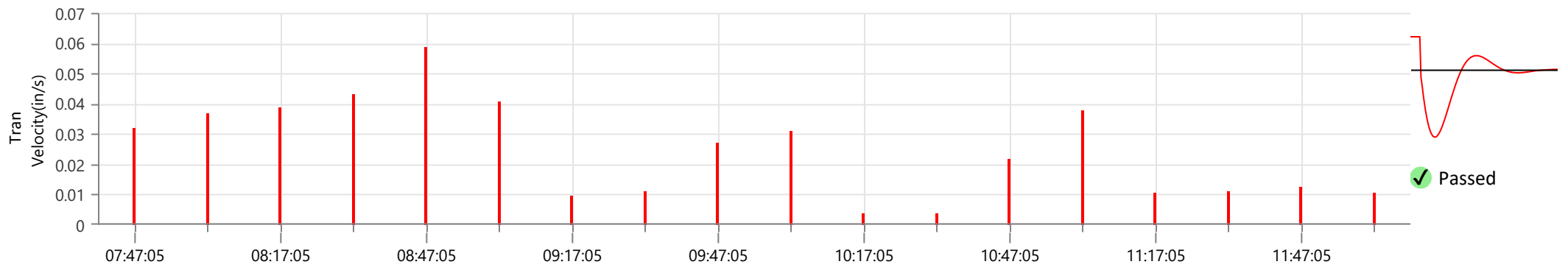
Peak Vector Sum 0.0611 in/s at March 18, 2026 08:47:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
 + Tran x Vert o Long

Sensor Check



**Start** March 18, 2026 12:02:05  
**Finish** March 18, 2026 15:29:59  
**Number of Intervals/Interval** 13.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260318120205.IDFH  
**USB Sensor Support** Disabled

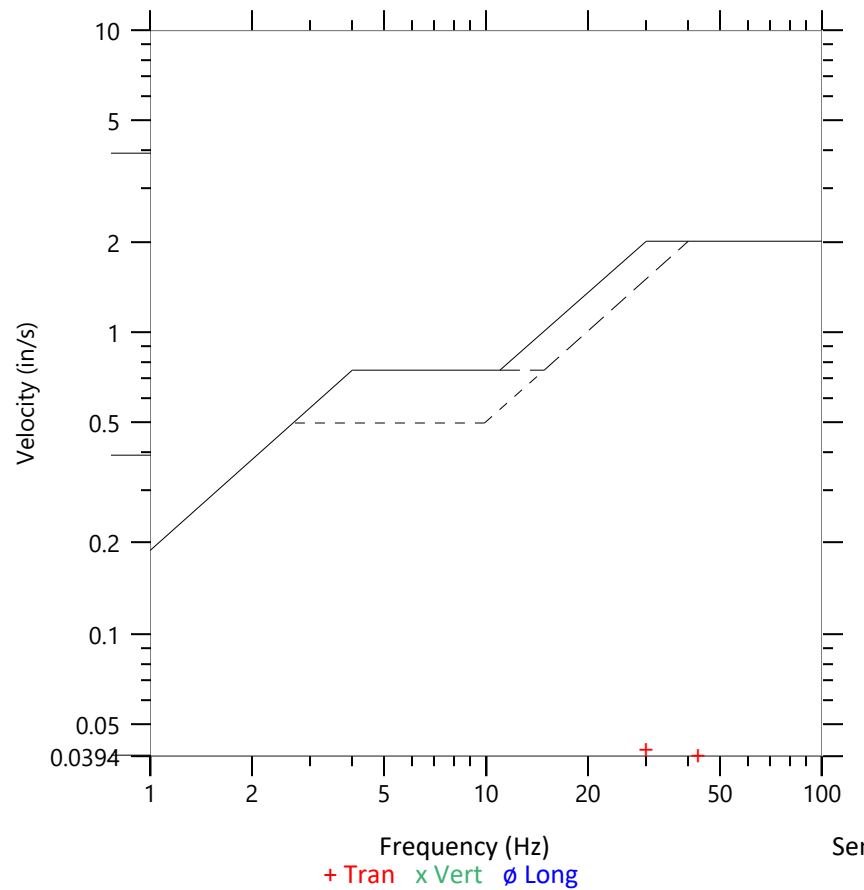
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0425 in/s	0.0385 in/s	0.0391 in/s
Zero Crossing Frequency	30.1 Hz	42.7 Hz	22.3 Hz
Date	Mar 18, 2026	Mar 18, 2026	Mar 18, 2026
Time	14:02:05	12:17:05	13:47:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.9

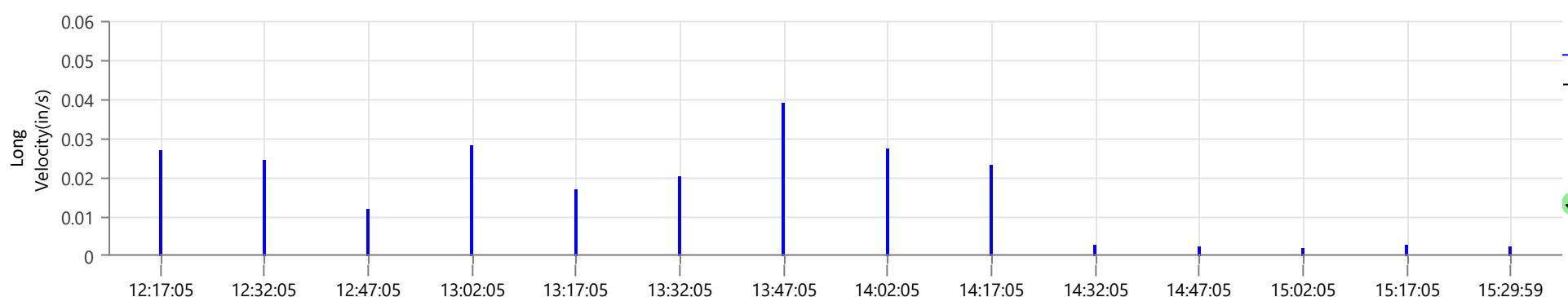
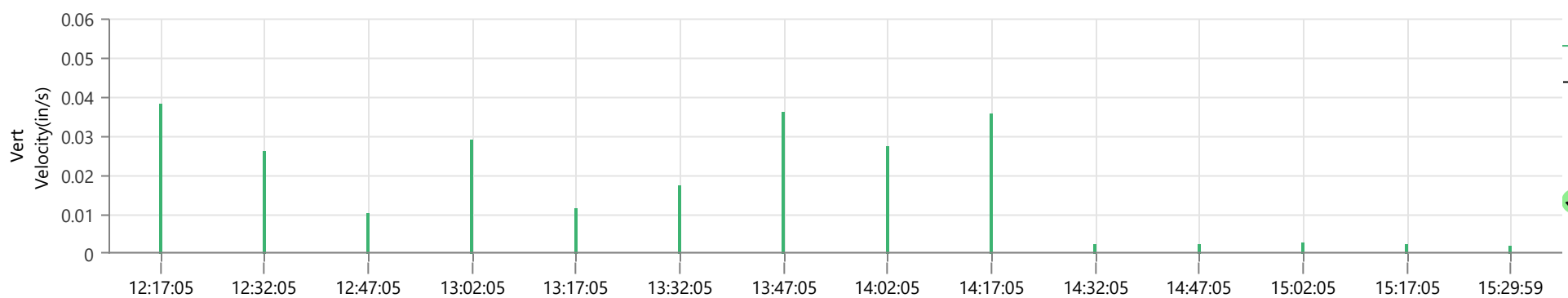
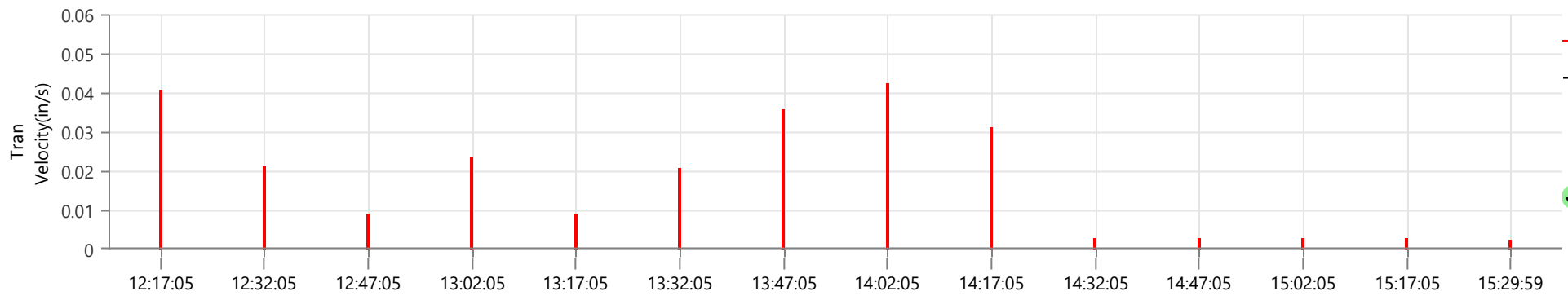
Peak Vector Sum 0.0519 in/s at March 18, 2026 12:17:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Sensor Check

+ Tran x Vert ø Long



**Start** March 18, 2026 15:32:05  
**Finish** March 19, 2026 07:29:59  
**Number of Intervals/Interval** 63.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260318153205.IDFH  
**USB Sensor Support** Disabled

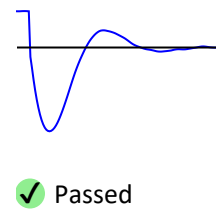
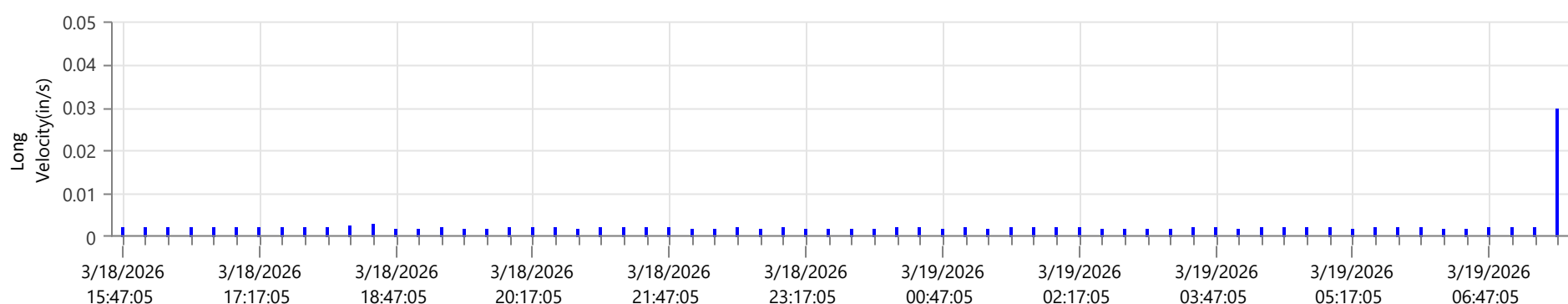
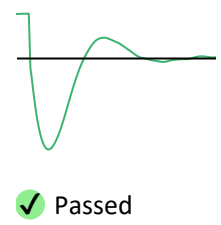
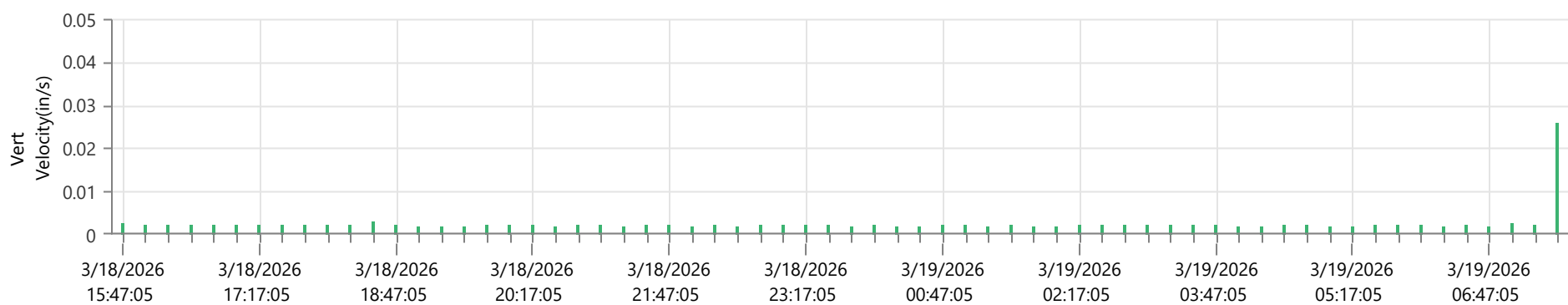
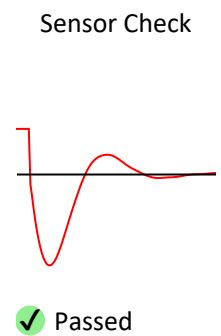
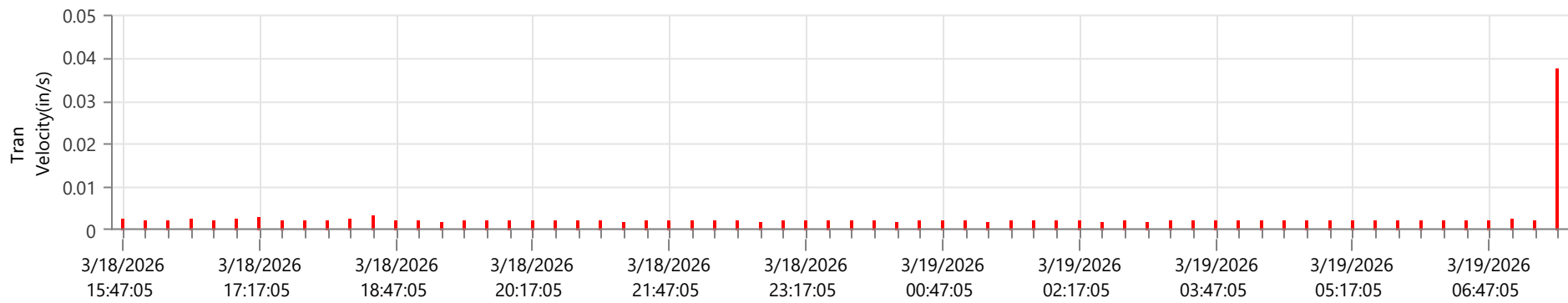
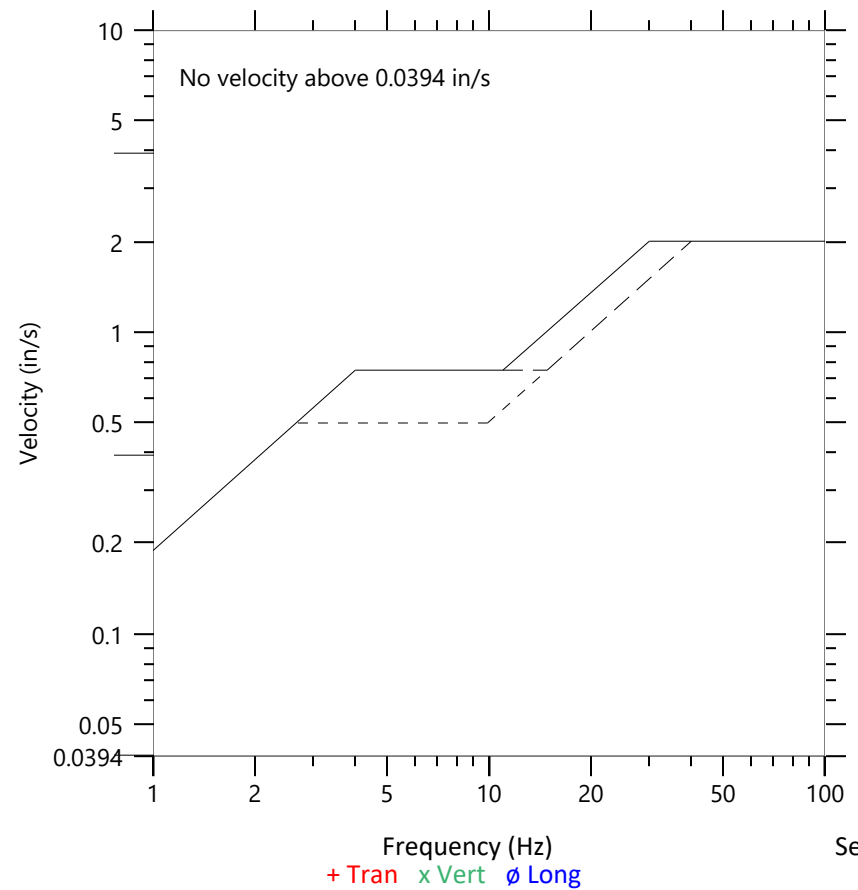
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0375 in/s	0.0261 in/s	0.0298 in/s
Zero Crossing Frequency	30.1 Hz	32.0 Hz	34.1 Hz
Date	Mar 19, 2026	Mar 19, 2026	Mar 19, 2026
Time	07:29:59	07:29:59	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.3	4.8

Peak Vector Sum 0.0413 in/s at March 19, 2026 07:32:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



**Start** March 19, 2026 07:32:05  
**Finish** March 19, 2026 11:59:59  
**Number of Intervals/Interval** 17.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260319073205.IDFH  
**USB Sensor Support** Disabled

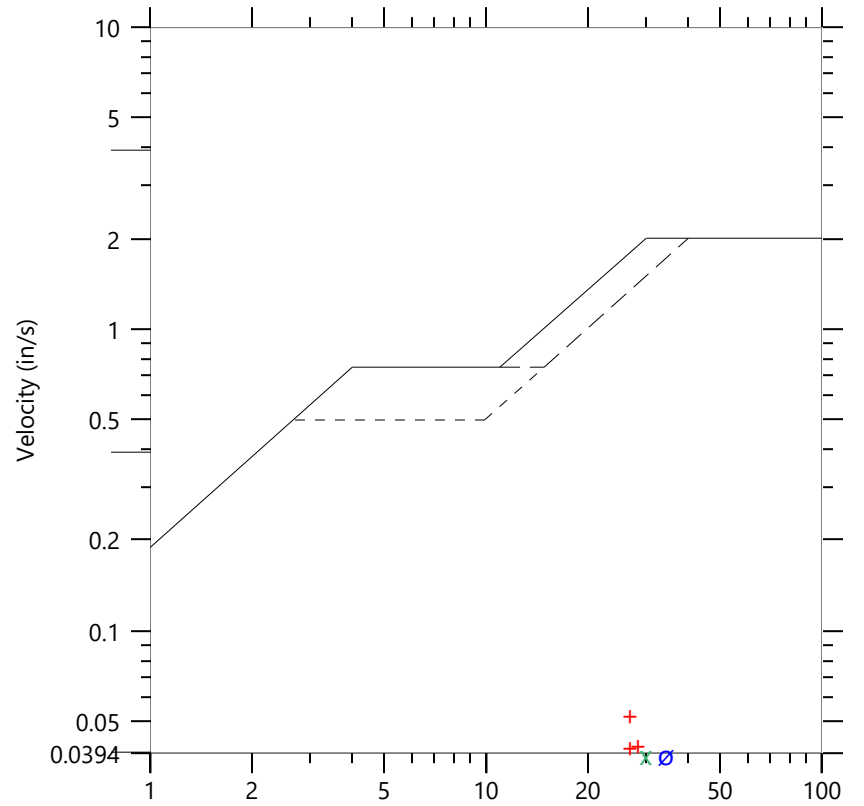
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

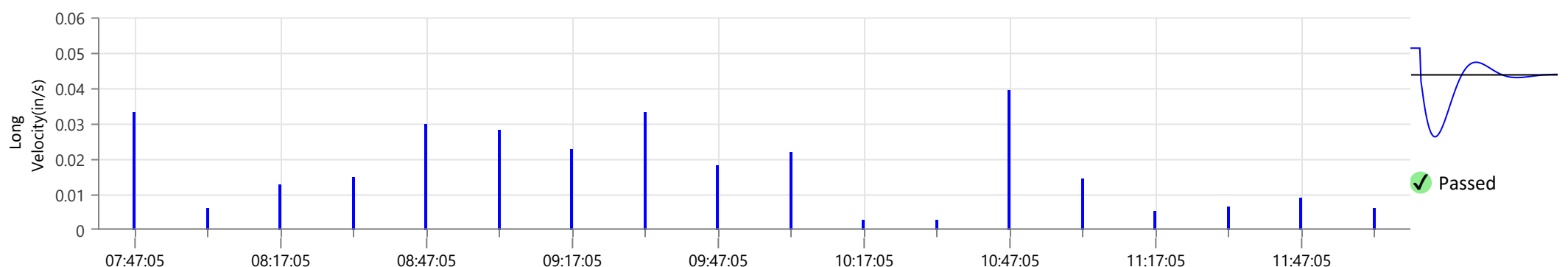
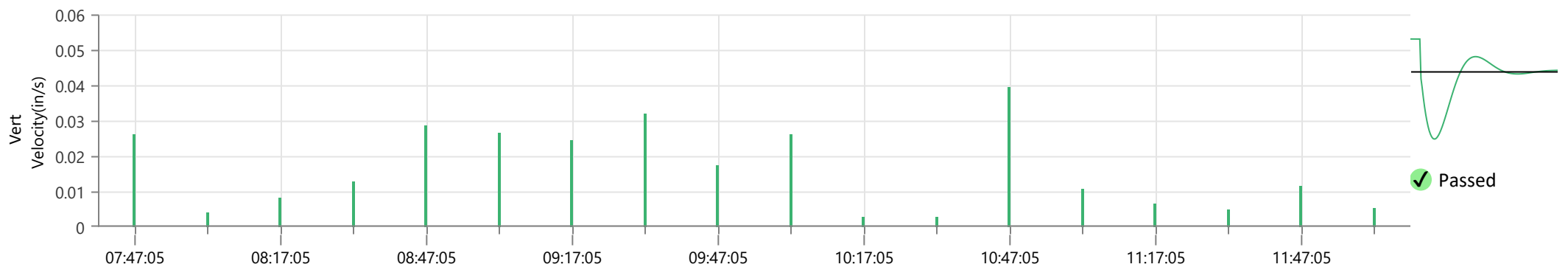
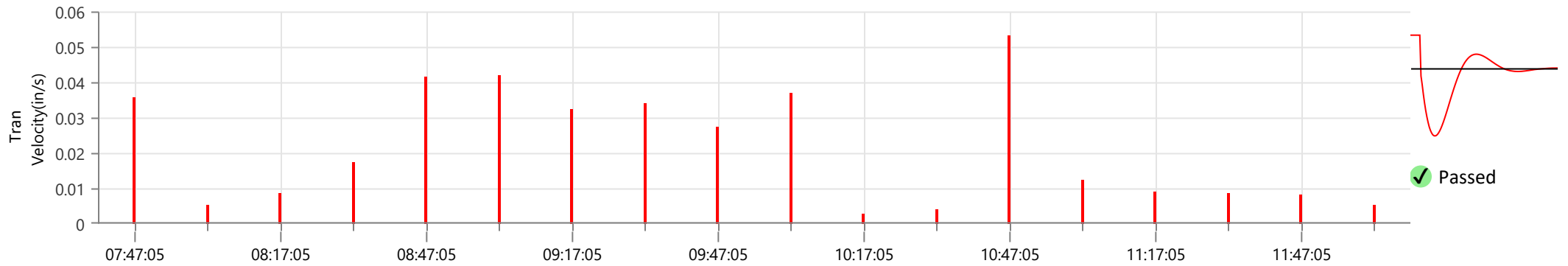
Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0534 in/s	0.0394 in/s	0.0394 in/s
Zero Crossing Frequency	26.9 Hz	30.1 Hz	34.1 Hz
Date	Mar 19, 2026	Mar 19, 2026	Mar 19, 2026
Time	10:47:05	10:47:05	10:47:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.9

Peak Vector Sum 0.0544 in/s at March 19, 2026 10:47:05

**USBM R18507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
+ Tran x Vert o Long



**Start** March 19, 2026 12:02:05  
**Finish** March 19, 2026 15:29:59  
**Number of Intervals/Interval** 13.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260319120205.IDFH  
**USB Sensor Support** Disabled

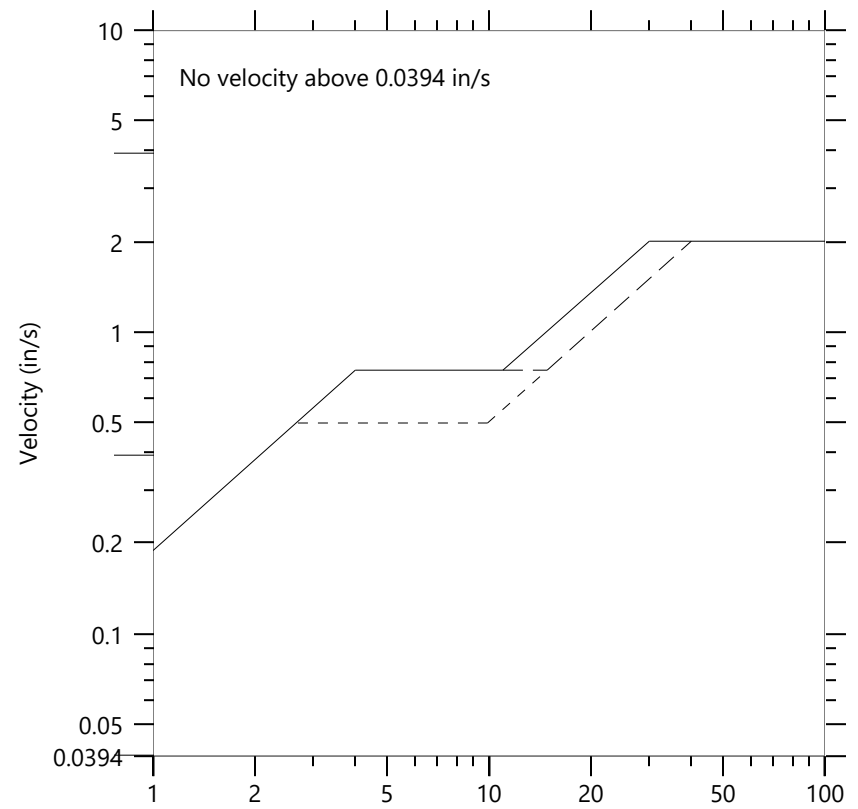
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0155 in/s	0.0186 in/s	0.0199 in/s
Zero Crossing Frequency	39.4 Hz	32.0 Hz	34.1 Hz
Date	Mar 19, 2026	Mar 19, 2026	Mar 19, 2026
Time	12:32:05	14:47:05	14:47:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

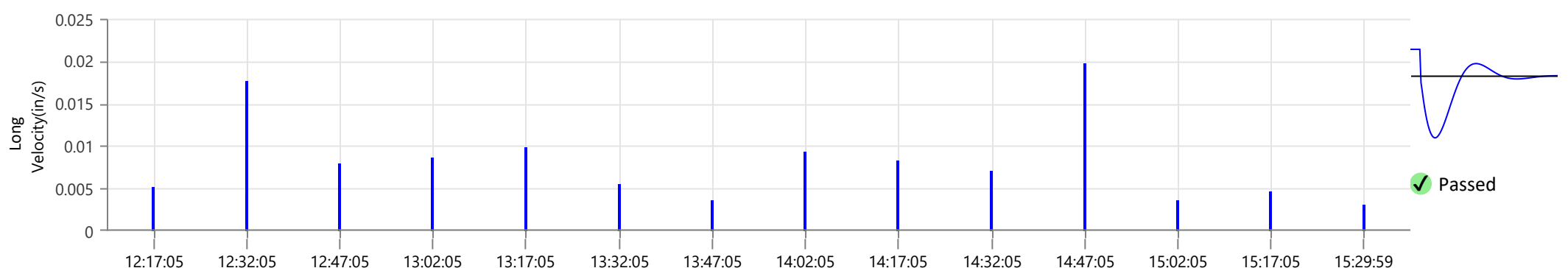
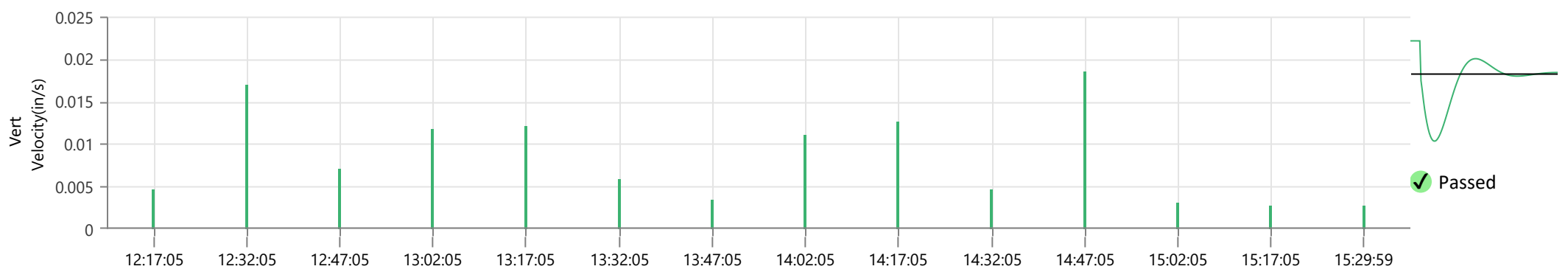
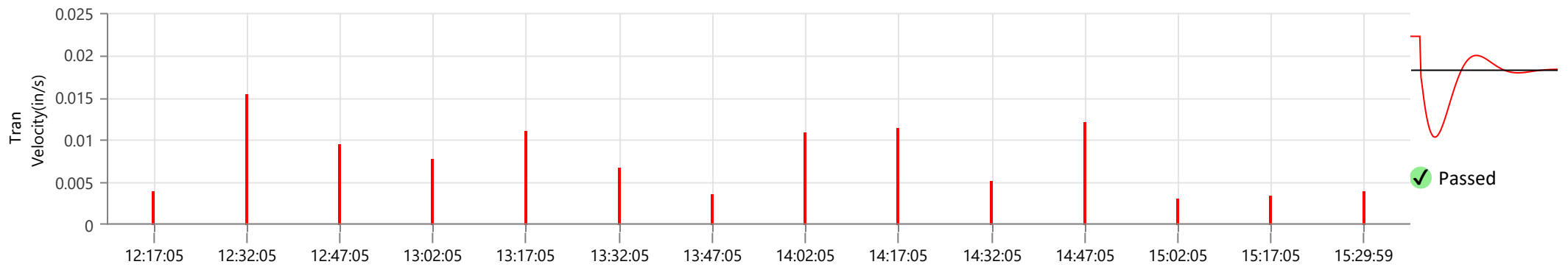
Peak Vector Sum 0.0223 in/s at March 19, 2026 12:32:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
+ Tran x Vert ø Long

Sensor Check



**Start** March 19, 2026 15:32:05  
**Finish** March 20, 2026 07:29:59  
**Number of Intervals/Interval** 63.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260319153205.IDFH  
**USB Sensor Support** Disabled

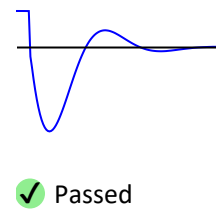
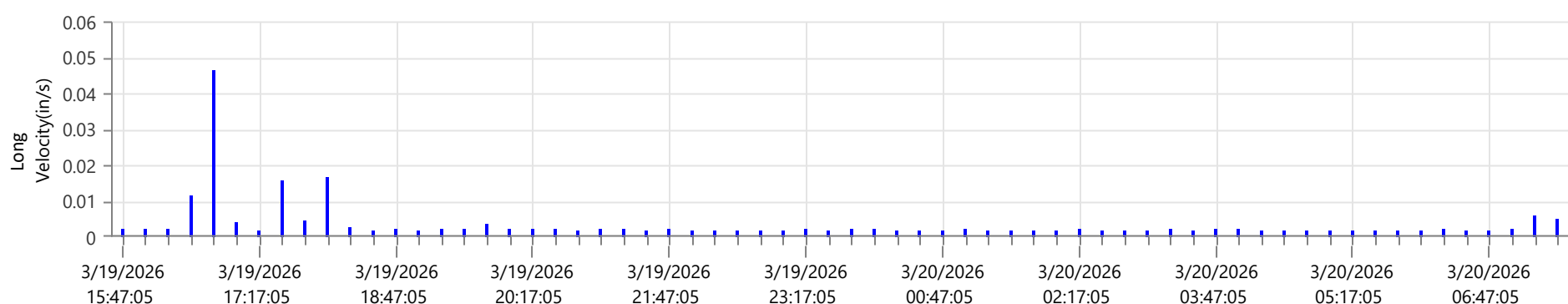
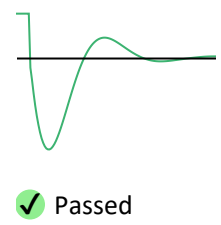
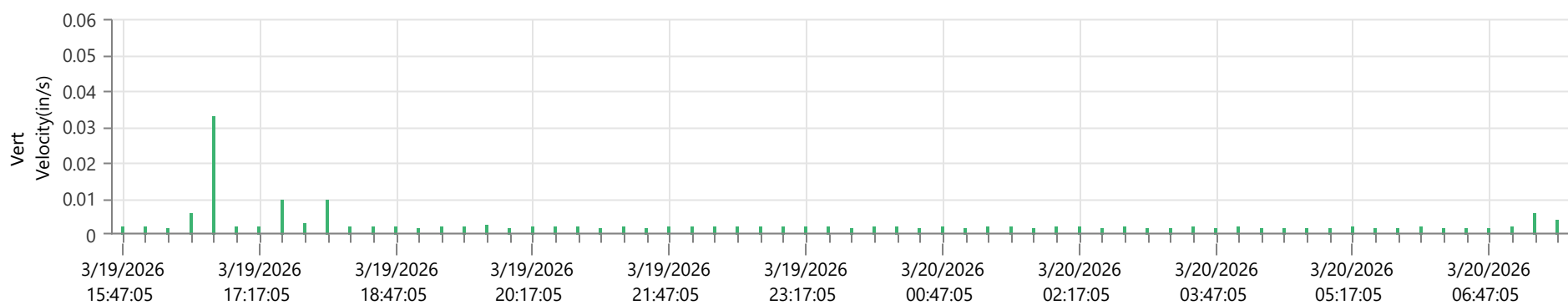
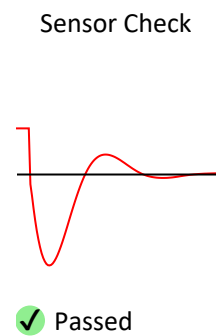
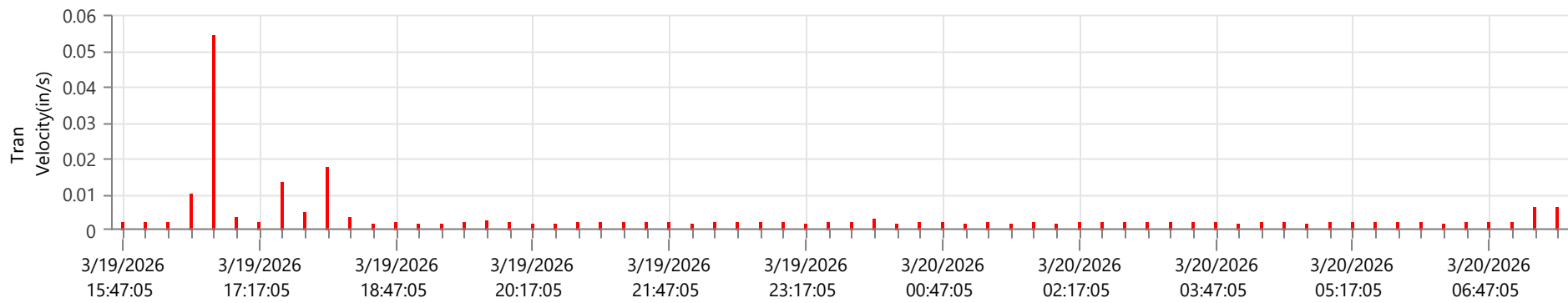
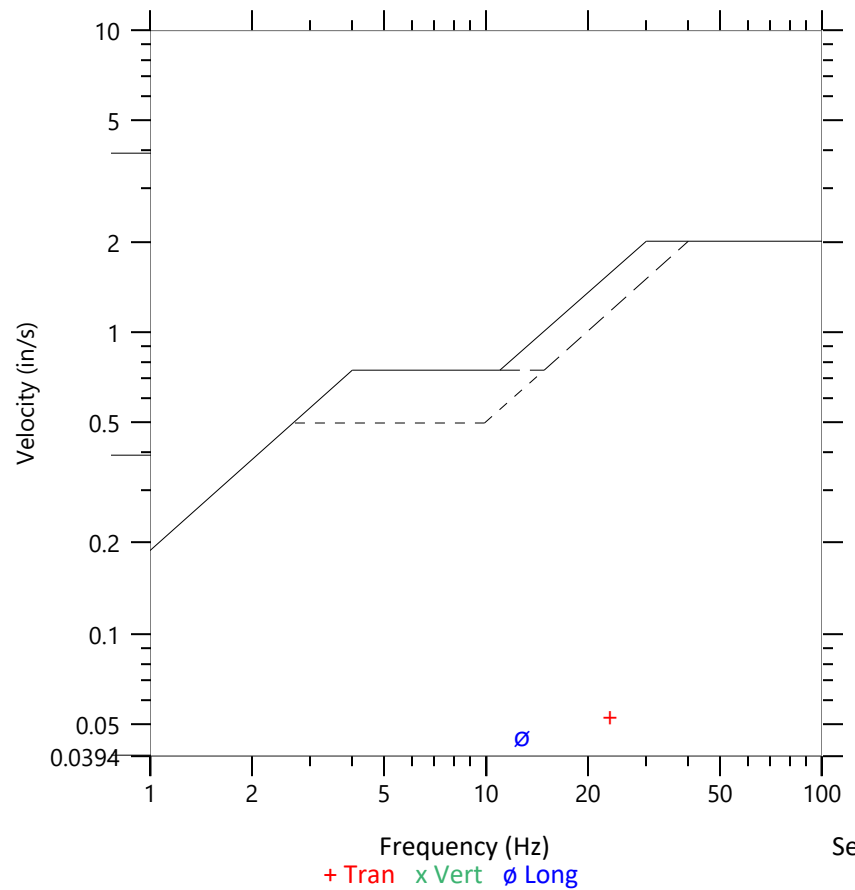
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0543 in/s	0.0329 in/s	0.0465 in/s
Zero Crossing Frequency	23.3 Hz	22.3 Hz	12.8 Hz
Date	Mar 19, 2026	Mar 19, 2026	Mar 19, 2026
Time	16:47:05	16:47:05	16:47:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

Peak Vector Sum 0.0558 in/s at March 19, 2026 16:47:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



**Start** March 20, 2026 07:32:05  
**Finish** March 20, 2026 11:59:59  
**Number of Intervals/Interval** 17.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260320073205.IDFH  
**USB Sensor Support** Disabled

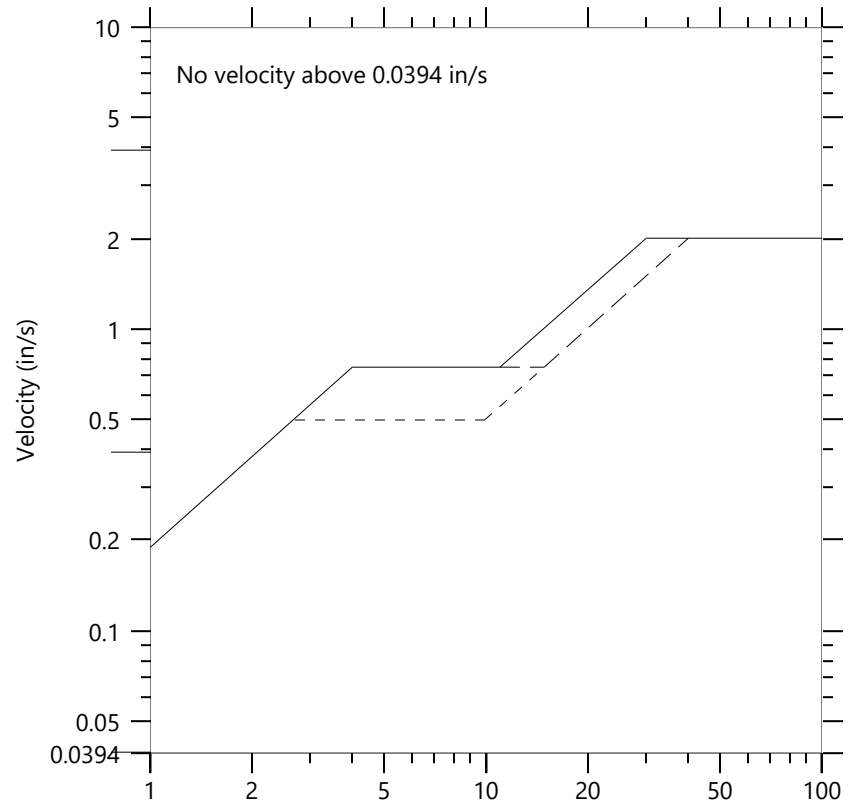
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0208 in/s	0.0140 in/s	0.0124 in/s
Zero Crossing Frequency	26.9 Hz	34.1 Hz	36.6 Hz
Date	Mar 20, 2026	Mar 20, 2026	Mar 20, 2026
Time	09:17:05	10:17:05	10:17:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

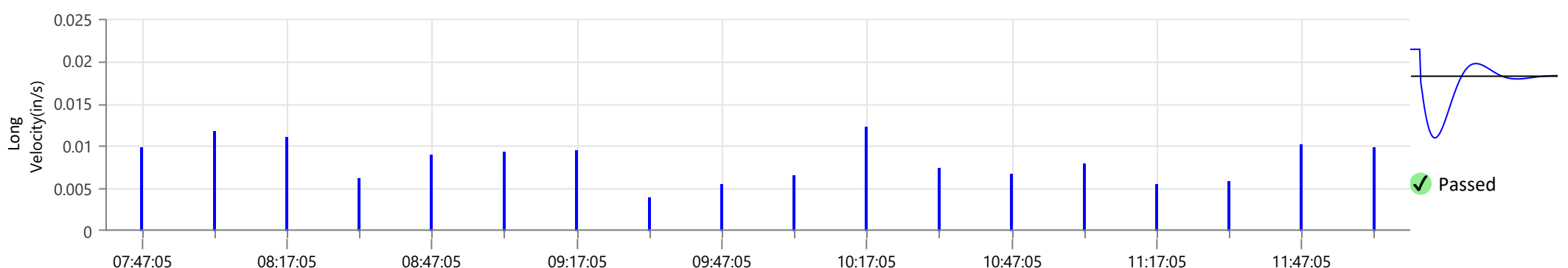
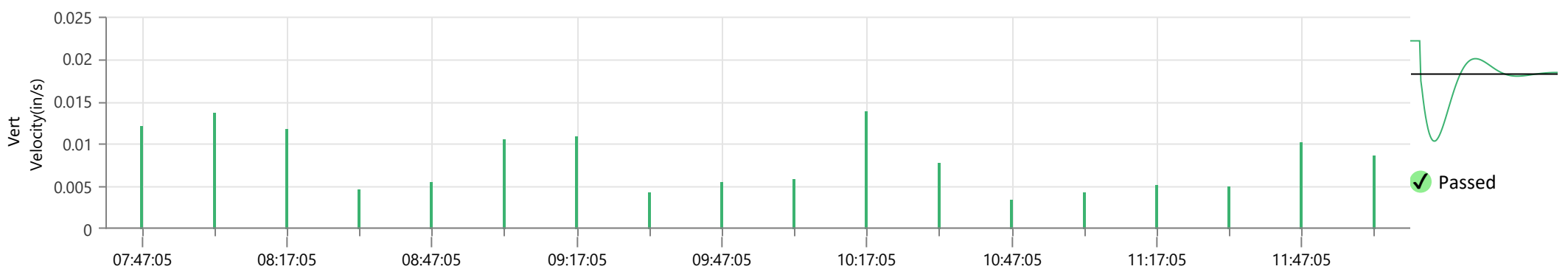
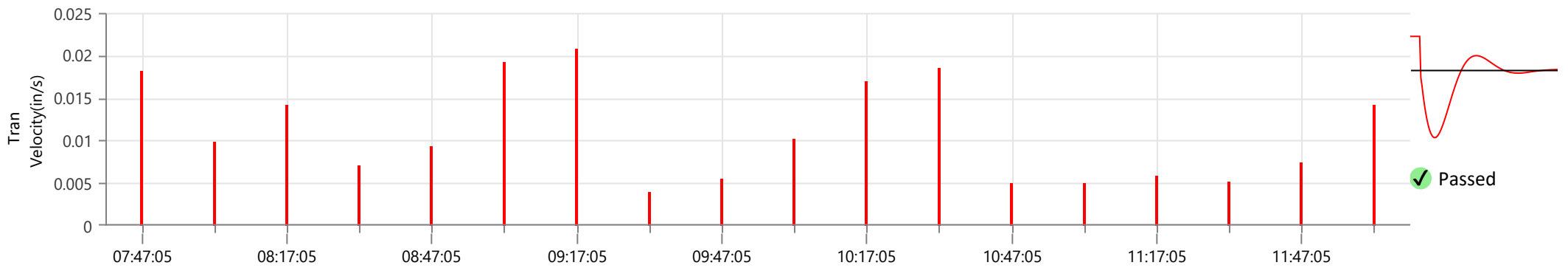
Peak Vector Sum 0.0223 in/s at March 20, 2026 07:47:05

**USBM R18507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
+ Tran x Vert ø Long

Sensor Check



**Start** March 20, 2026 12:02:05  
**Finish** March 20, 2026 15:29:59  
**Number of Intervals/Interval** 13.86/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260320120205.IDFH  
**USB Sensor Support** Disabled

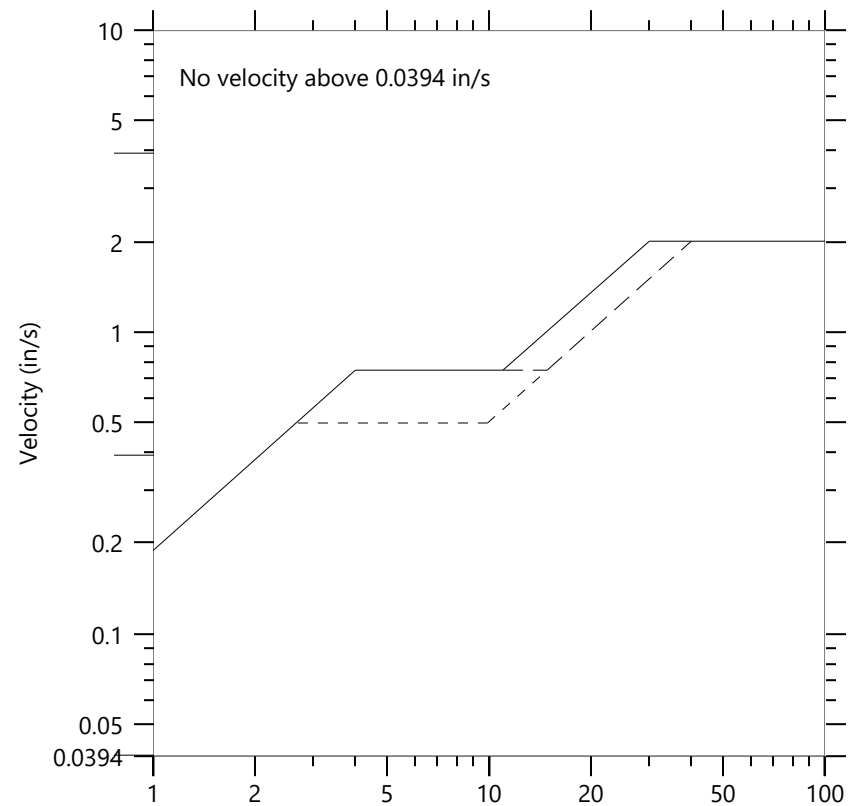
**Notes**  
**Location** 1019 W Washington St, Ann Arbor, MI  
**Client** Gilbane Building Company  
**Company** G2 Consulting Group, LLC  
**General Notes** G2 No. 253121

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0199 in/s	0.0189 in/s	0.0202 in/s
Zero Crossing Frequency	26.9 Hz	36.6 Hz	39.4 Hz
Date	Mar 20, 2026	Mar 20, 2026	Mar 20, 2026
Time	13:47:05	13:17:05	13:17:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.4	4.2	4.8

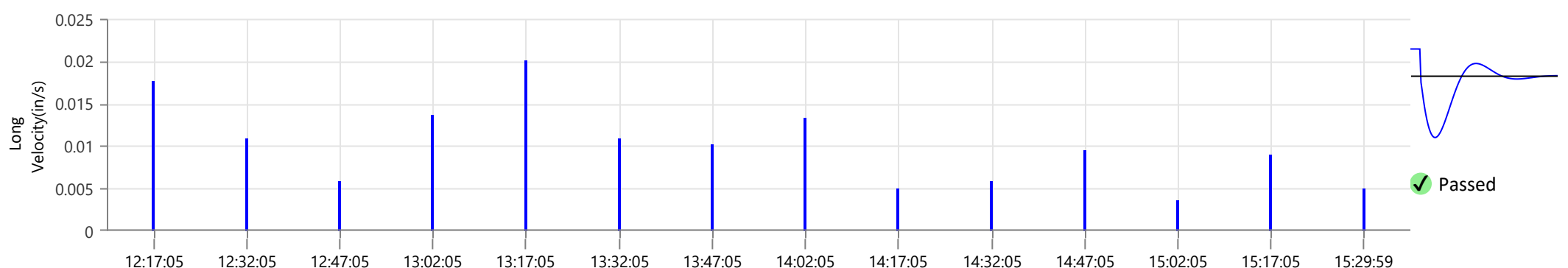
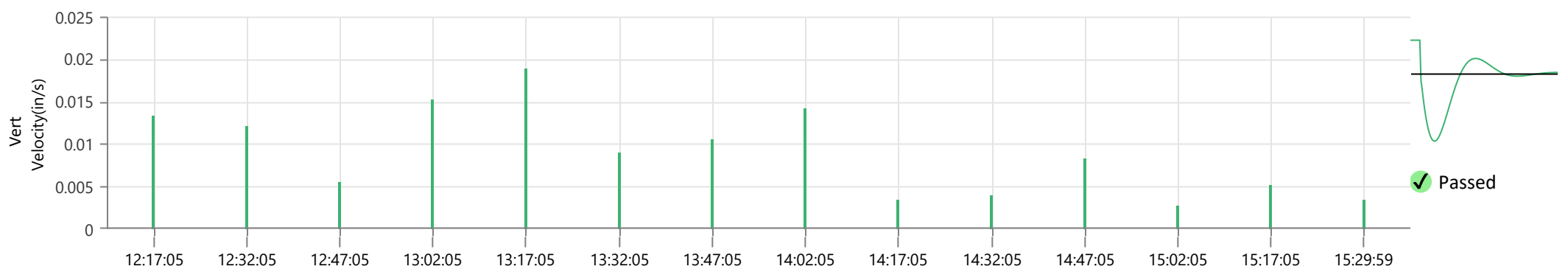
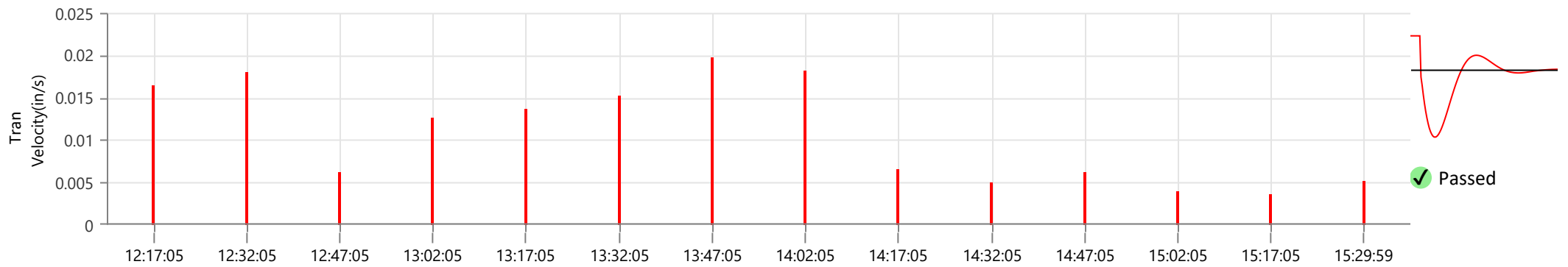
Peak Vector Sum 0.0230 in/s at March 20, 2026 12:17:05

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)  
 + Tran x Vert ø Long

Sensor Check



**Start** March 20, 2026 15:31:29  
**Finish** March 21, 2026 07:29:59  
**Number of Intervals/Interval** 63.90/900 sec  
**Sample Rate** 1024 sps  
**Setup File Name** 253121 Slauson Middle School.mmb  
**Operator** Operator

**Serial Number** UM17585  
**Model Number** Micromate ISEE 11.0CB  
**Battery Level** 3.8 volts  
**Unit Calibration** January 30, 2026 by Instantel  
**Event File Name** UM17585\_20260320153129.IDFH  
**USB Sensor Support** Disabled

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

**Post Event Notes** No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0118 in/s	0.0096 in/s	0.0130 in/s
Zero Crossing Frequency	26.9 Hz	24.4 Hz	22.3 Hz
Date	Mar 20, 2026	Mar 20, 2026	Mar 20, 2026
Time	18:16:29	18:16:29	18:16:29
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.3	4.8

Peak Vector Sum 0.0191 in/s at March 20, 2026 18:16:29

**USBM RI8507 And OSMRE**  
Velocity versus Frequency (Zero Crossing)

