



June 21, 2019

Helen Donaldson
City of Portland Planning Division

RE: 210 St. John St damage to existing property because of construction

Nell,

In response to the email from Dan Chase, dated 5/24/19, I have put together the following packet of information per your request. Dan has claimed that there has been some damage to a garage structure located on the SW corner of his property. The garage is located near the property line and is directly adjacent to the project site where excavation and compaction have occurred on a regular basis.

The project has utilized a vibration monitoring system since ground breaking to record vibrations in the ground and movement of adjacent structures. Additionally, exterior preconstruction photos were taken of the 210 St. John St property along with exterior photos of the garage. I have comprised all the vibration events with readings above the threshold of 0.500 PPV which occurred between March and May 2019. A threshold of 0.500 PPV was established as the trigger point for detailed monitoring as this is the point at which architectural damage may occur.

During this time, we were working on the installation of drainage pipe and backfill in the vicinity as well as excavation for concrete foundations. The construction photos below were taken throughout the progress of this work to show the state of the area around the 210 St. John property. Originally, sheet piles were installed near this location to support the slope that would be created during construction. It has been the direction by MMC, to leave these sheets in place to avoid potential damage that may be caused in the removal of the sheets from their location.

To date, there has been no communication between Consigli and Dan Chase and no comparison of the preconstruction photos and the damage has been done.

Sincerely,

Travis Kirby
Project Manager

Cc: Walter Pochebit, MMC
Dennis Morelli, MMC
Tim Braun, MMC
Dominic Gagnon, Colliers Intl
Dave Thomas, Consigli
Heather Martin, Consigli



March 19, 2019



April 29, 2019



May 2, 2019



May 3, 2019



May 3, 2019

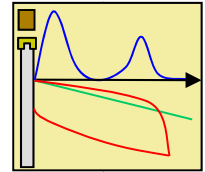


May 17, 2019

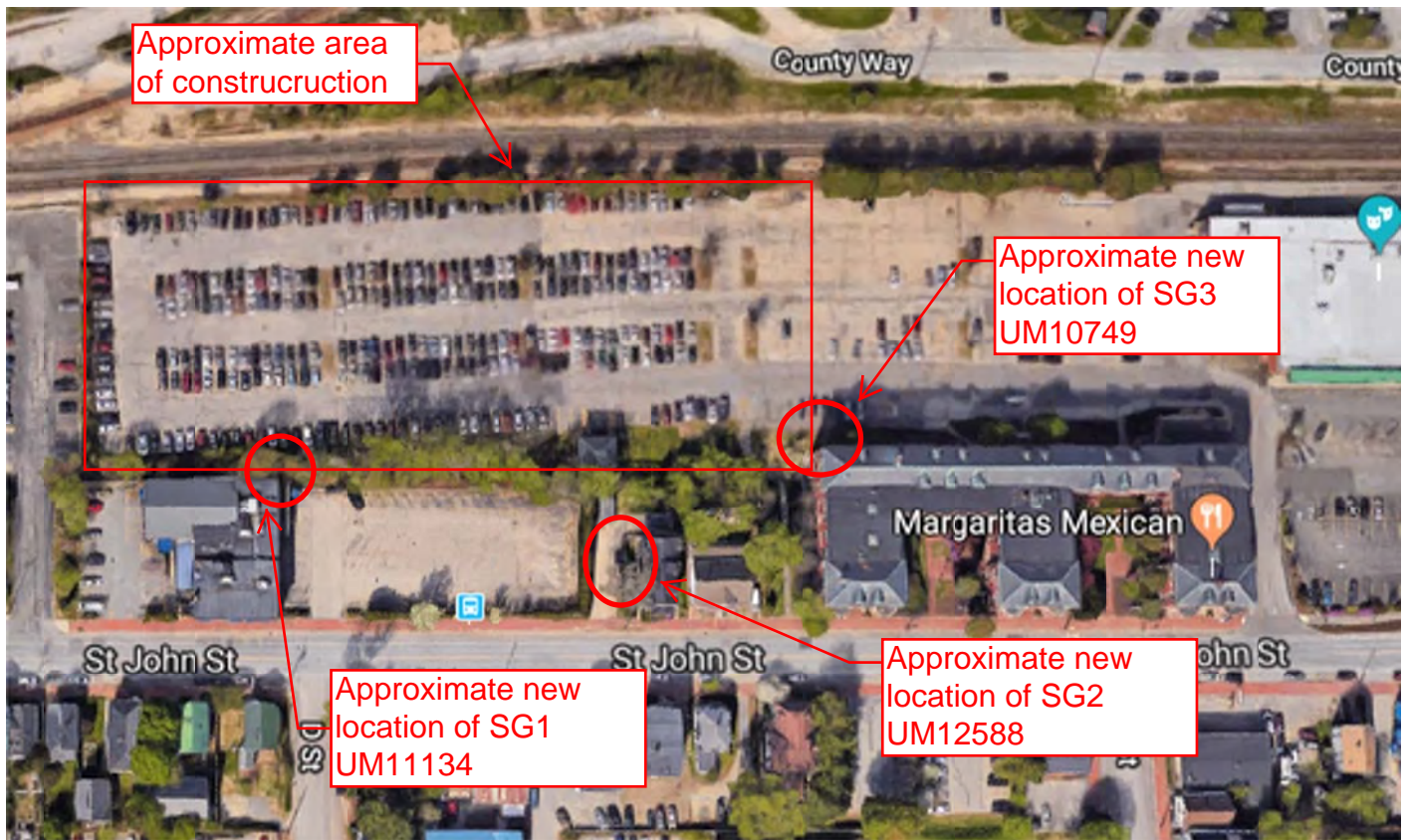


GEOSCIENCES TESTING AND RESEARCH, INC.

55 Middlesex Street, Suite 225, N. Chelmsford, MA 01863
Ph: (978)251-9395, Fx: (978)251-9396



LOCUS PLAN



Equipment #UM12588 is the nearest to the garage that is claiming the damage

Project: Maine Medical St. John Garage
GTR Project No: 18.316
Drawn By: Thomas Stolki
Date: 4/03/19

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

Tran at **March 23, 2019 07:18:53**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190323071853.IDFW

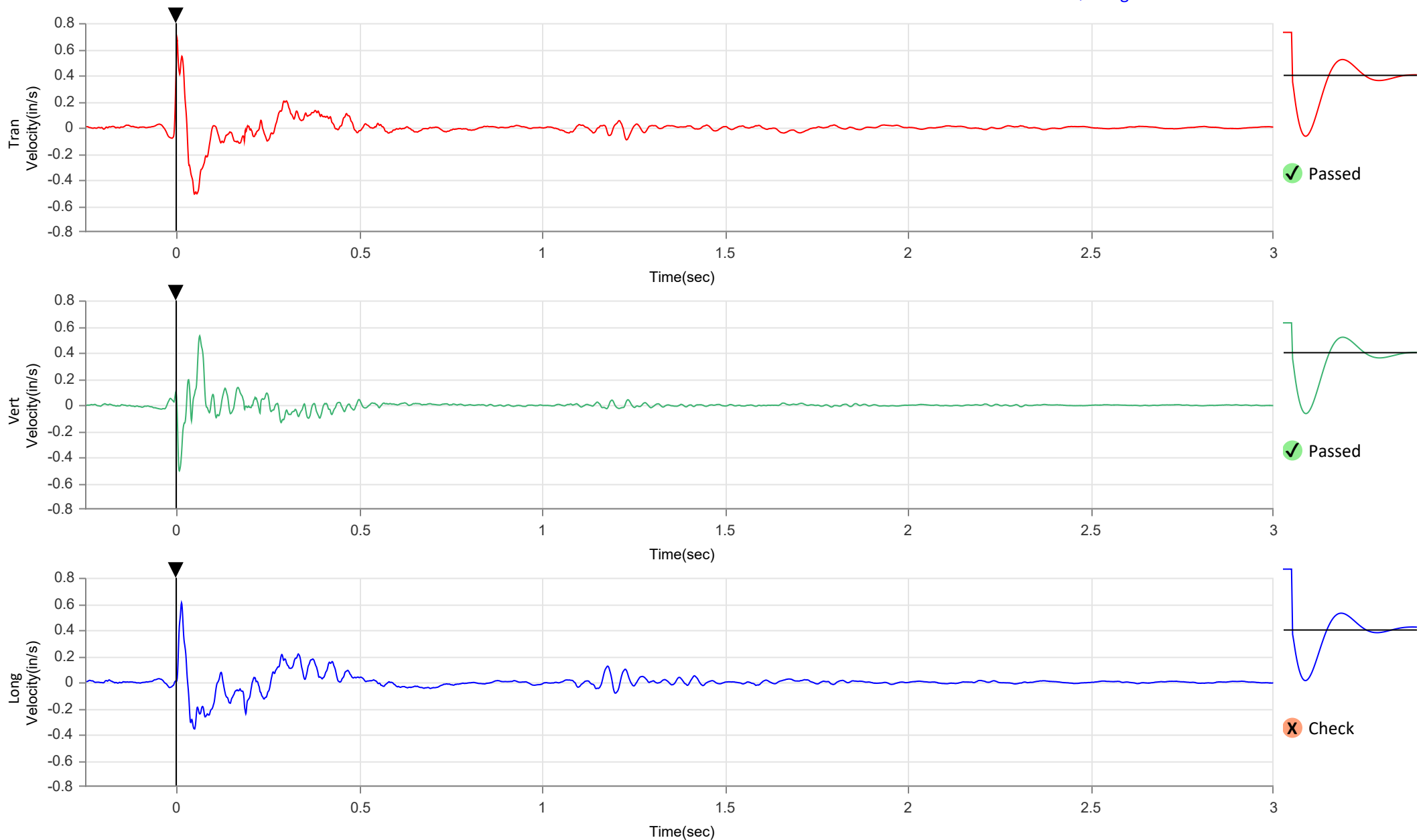
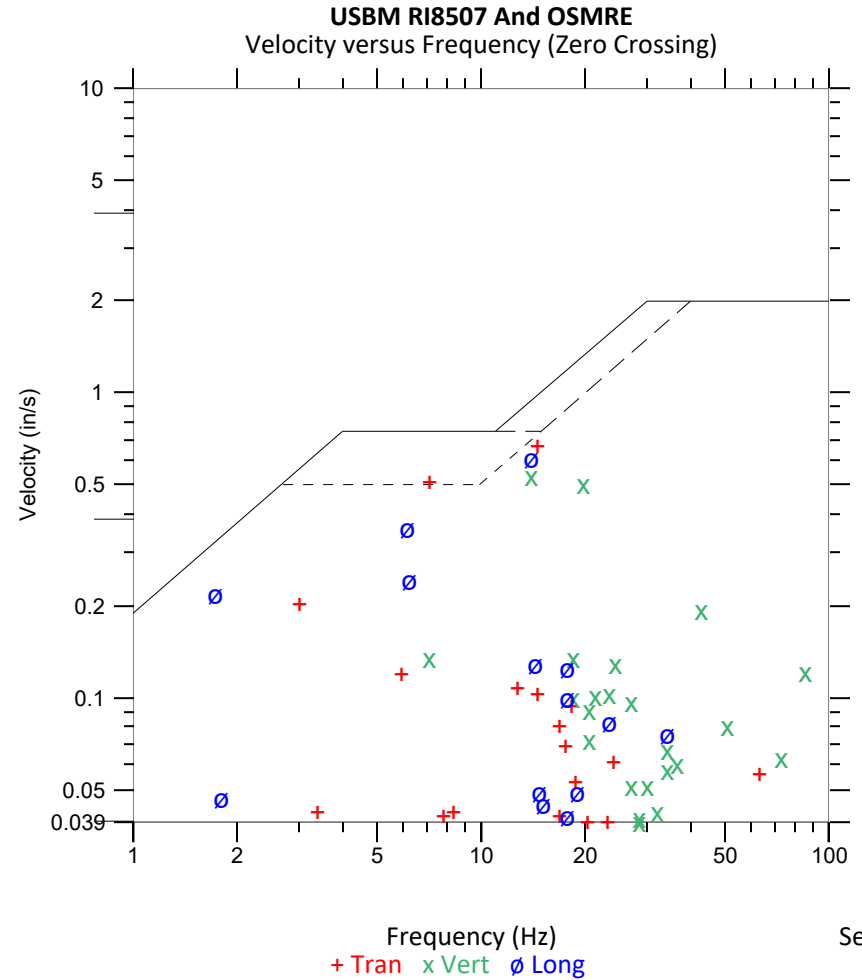
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.671 in/s	0.529 in/s	0.609 in/s
Zero Crossing Frequency	14.6 Hz	13.8 Hz	13.8 Hz
Time (Relative to Trigger)	0.002 sec	0.063 sec	0.014 sec
Peak Acceleration	0.322 g	0.323 g	0.224 g
Peak Displacement	0.011 in	0.005 in	0.012 in
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	7.5 Hz	7.3 Hz	7.9 Hz
Overswing Ratio	3.8	3.9	3.0

Peak Vector Sum 0.893 in/s at 0.014 sec



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

Tran at **March 23, 2019 07:18:53**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

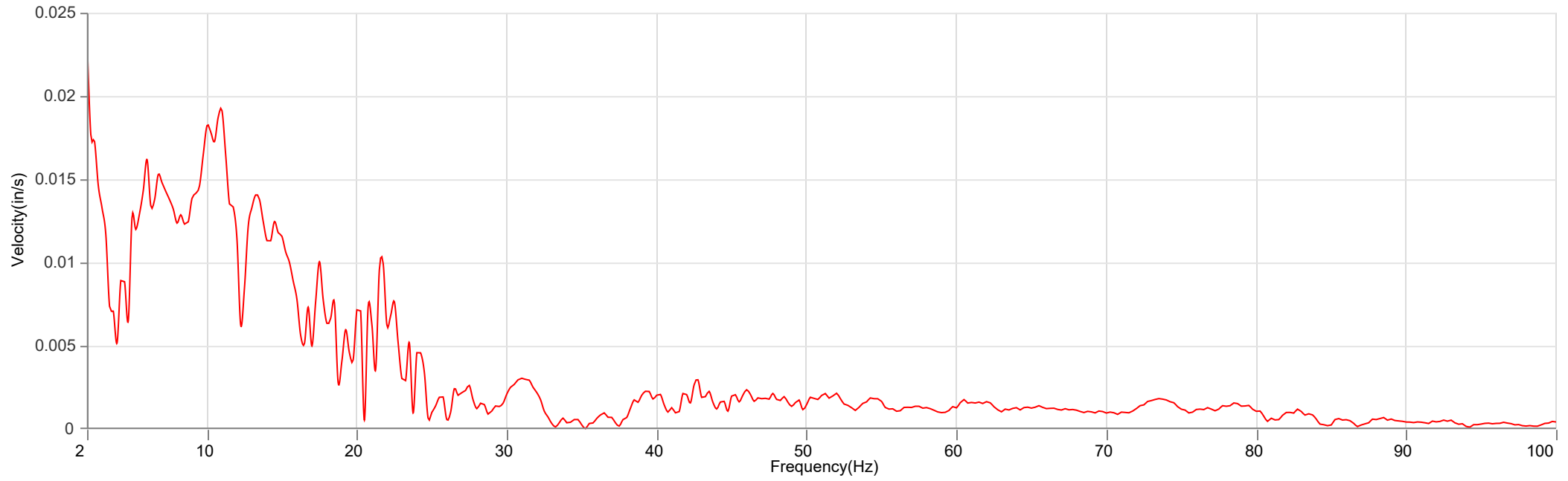
UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190323071853.IDFW

Notes
 Location
 Client
 Company
 General Notes

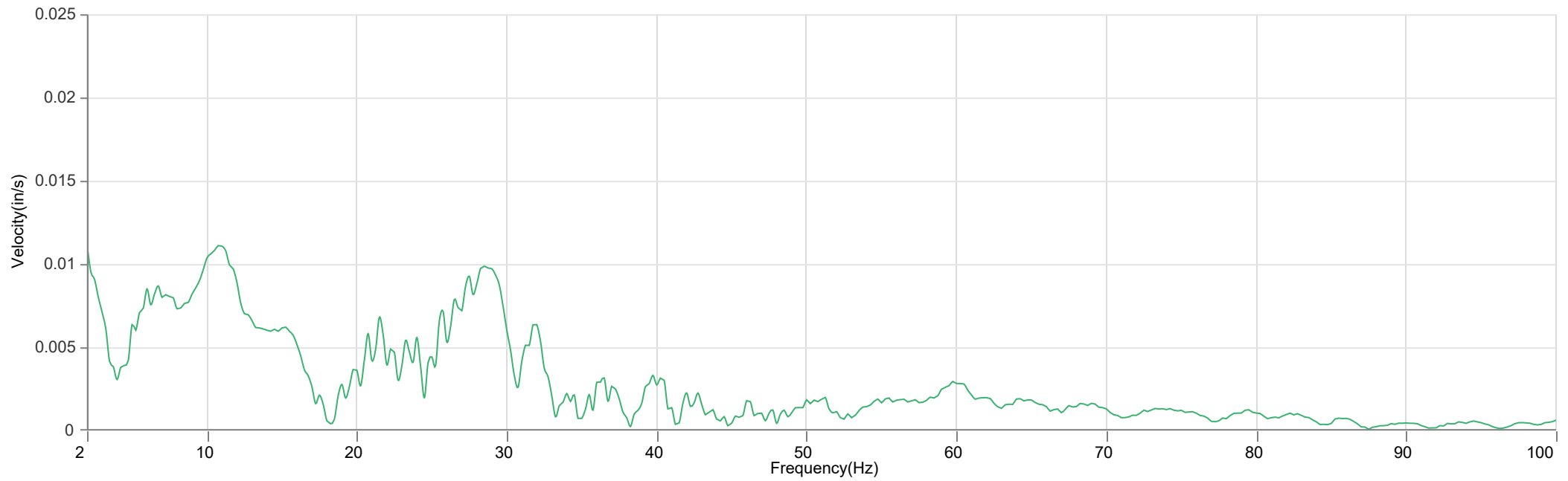
Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

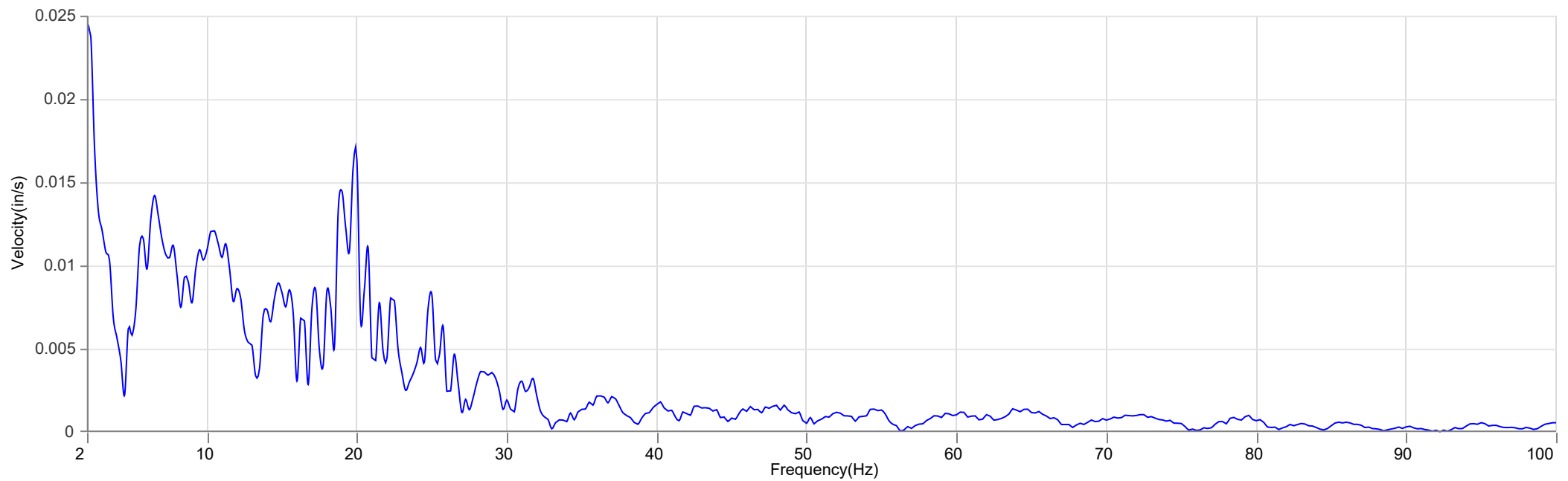
Tran - Dominant Frequency 2.0 Hz, Amplitude 0.023 in/s (Peak Particle Velocity: 0.671 in/s)



Vert - Dominant Frequency 2.0 Hz, Amplitude 0.011 in/s (Peak Particle Velocity: 0.529 in/s)



Long - Dominant Frequency 2.0 Hz, Amplitude 0.024 in/s (Peak Particle Velocity: 0.609 in/s)



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

Tran at **March 29, 2019 13:58:01**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190329135801.IDFW

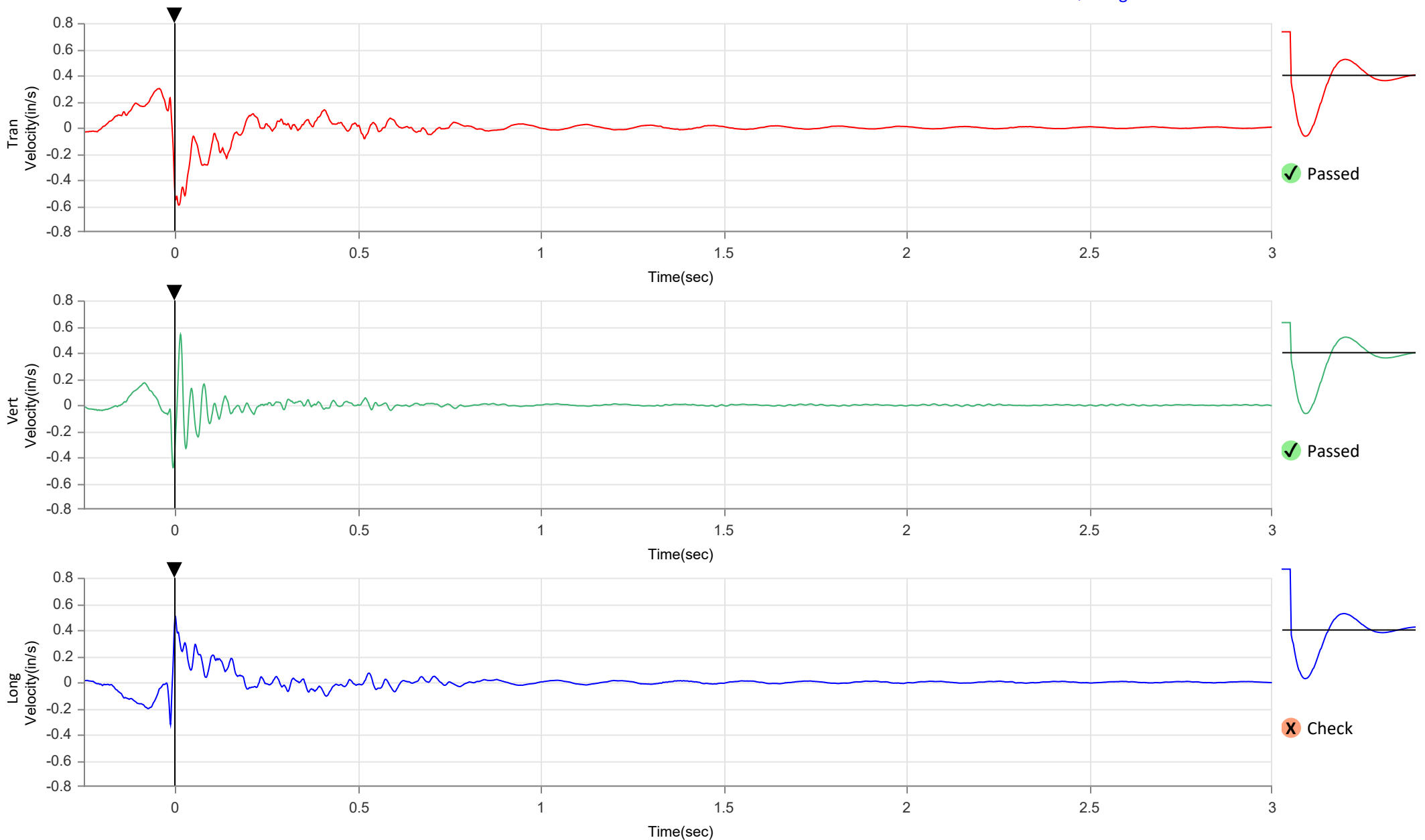
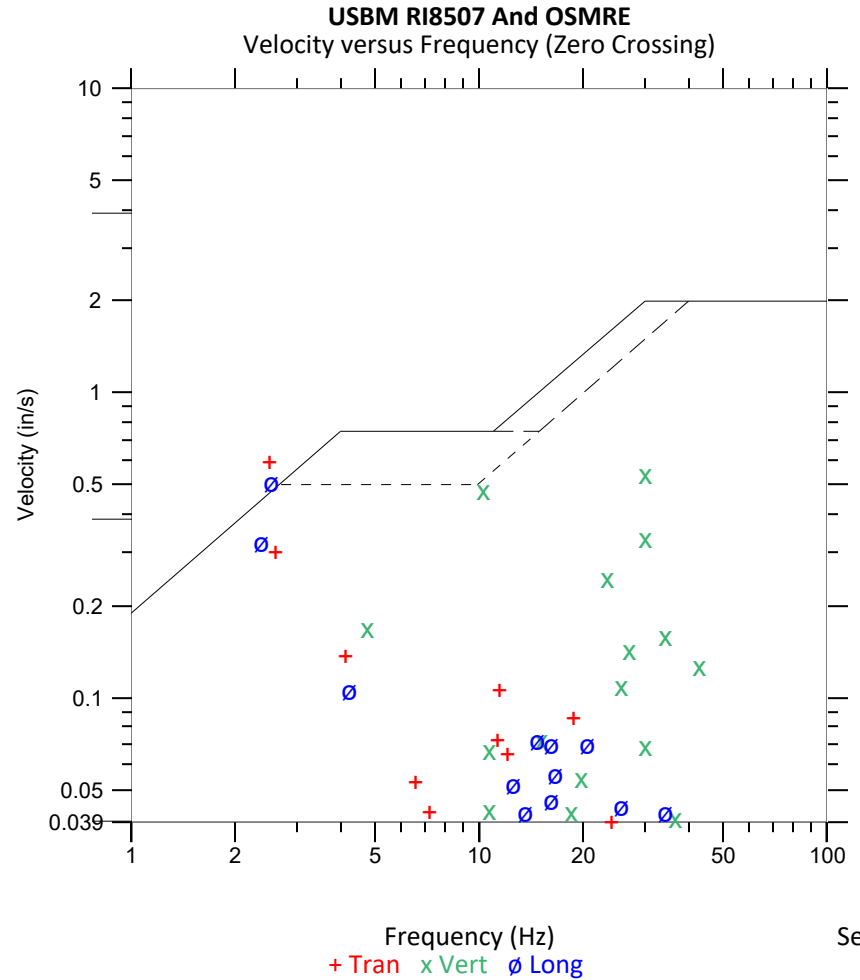
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.594 in/s	0.539 in/s	0.506 in/s
Zero Crossing Frequency	2.5 Hz	30.1 Hz	2.5 Hz
Time (Relative to Trigger)	0.010 sec	0.015 sec	0.000 sec
Peak Acceleration	0.231 g	0.274 g	0.227 g
Peak Displacement	0.022 in	0.005 in	0.017 in
Sensor Check	✓ Passed	✓ Passed	✗ Check
Frequency	6.9 Hz	6.7 Hz	7.3 Hz
Overswing Ratio	3.8	3.9	2.9

Peak Vector Sum 0.829 in/s at 0.014 sec



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

Tran at **March 29, 2019 13:58:01**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

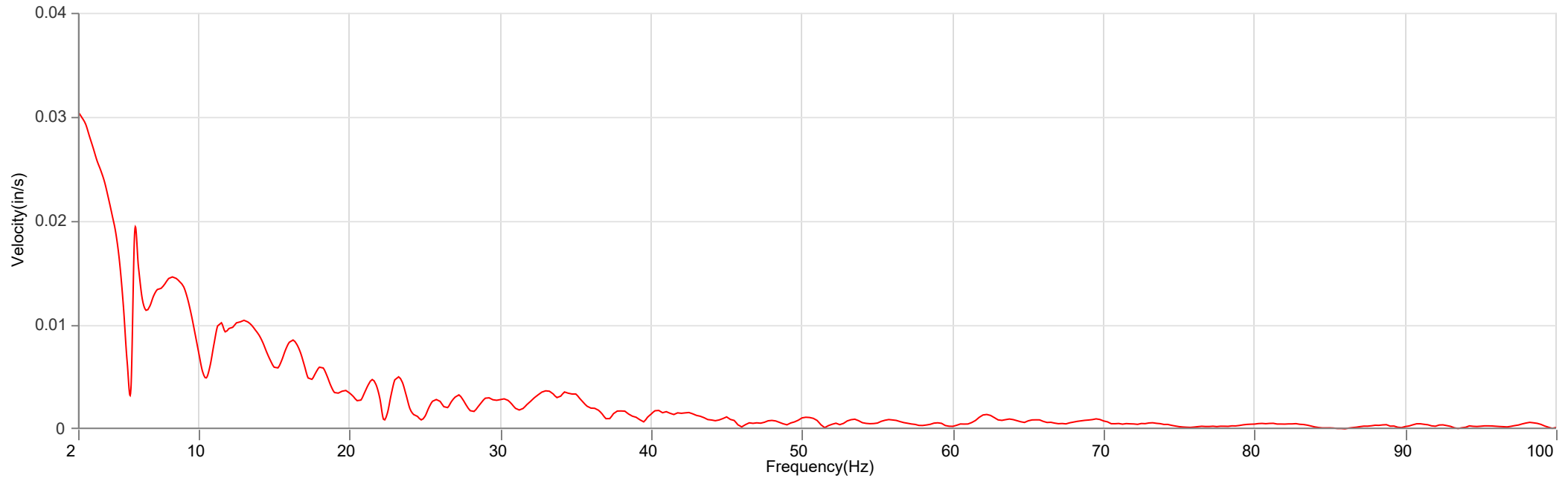
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190329135801.IDFW

Notes
Location
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General Notes

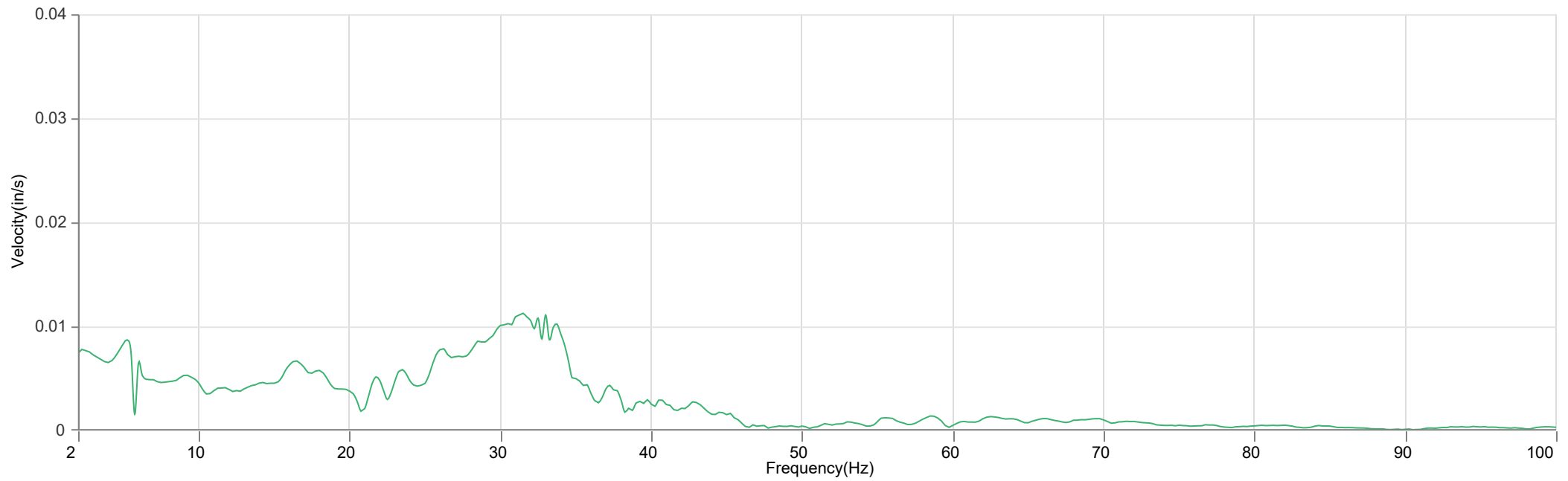
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

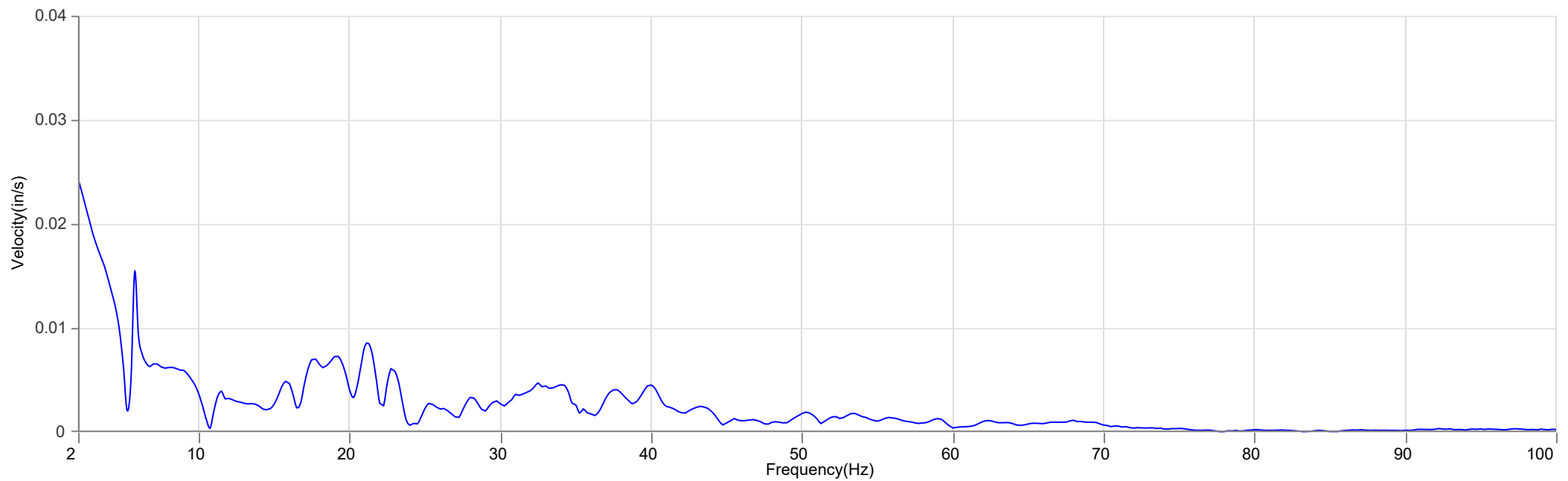
Tran - Dominant Frequency 2.0 Hz, Amplitude 0.030 in/s (Peak Particle Velocity: 0.594 in/s)



Vert - Dominant Frequency 31.5 Hz, Amplitude 0.011 in/s (Peak Particle Velocity: 0.539 in/s)



Long - Dominant Frequency 2.0 Hz, Amplitude 0.024 in/s (Peak Particle Velocity: 0.506 in/s)



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

Tran at **April 12, 2019 07:11:33**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190412071133.IDFW

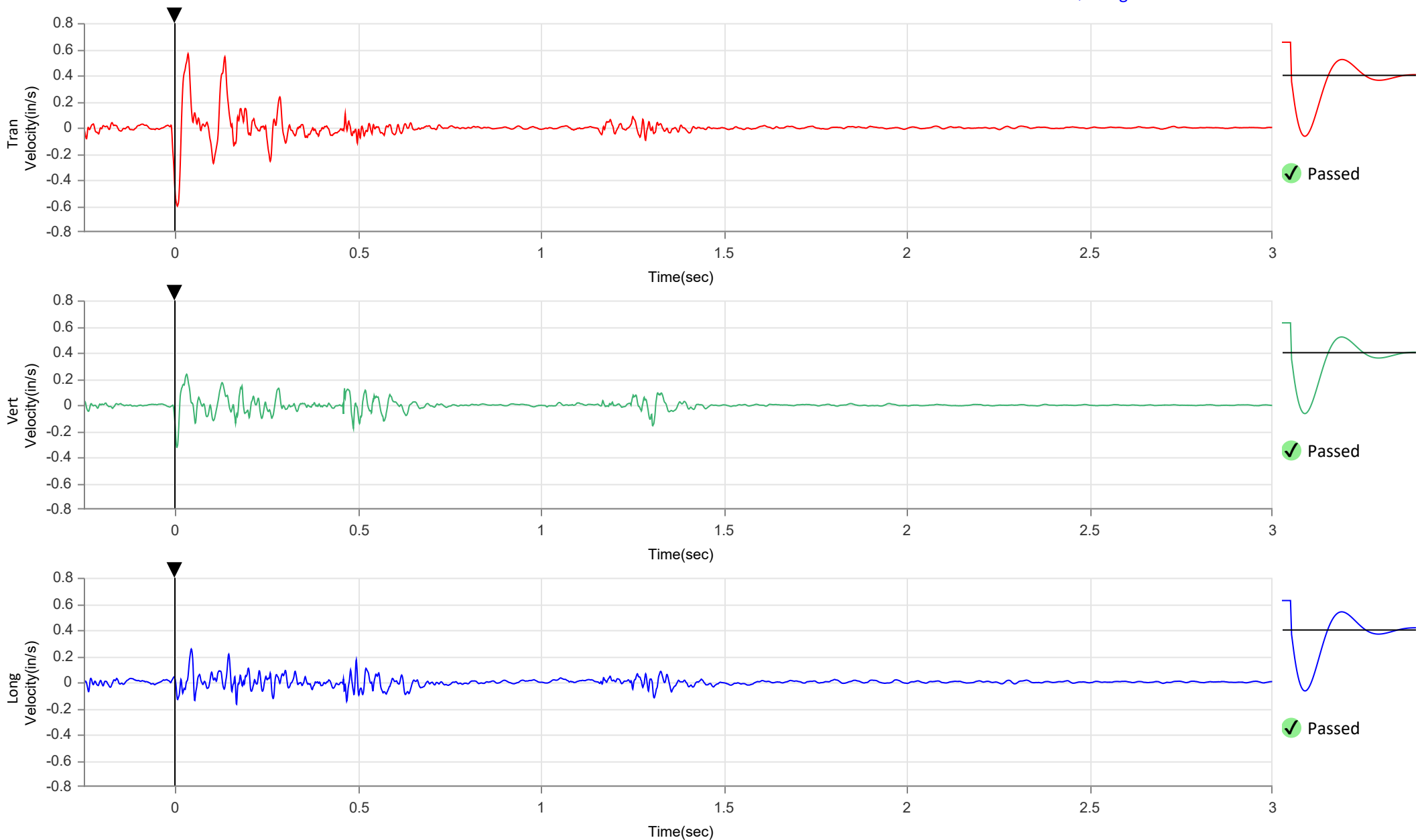
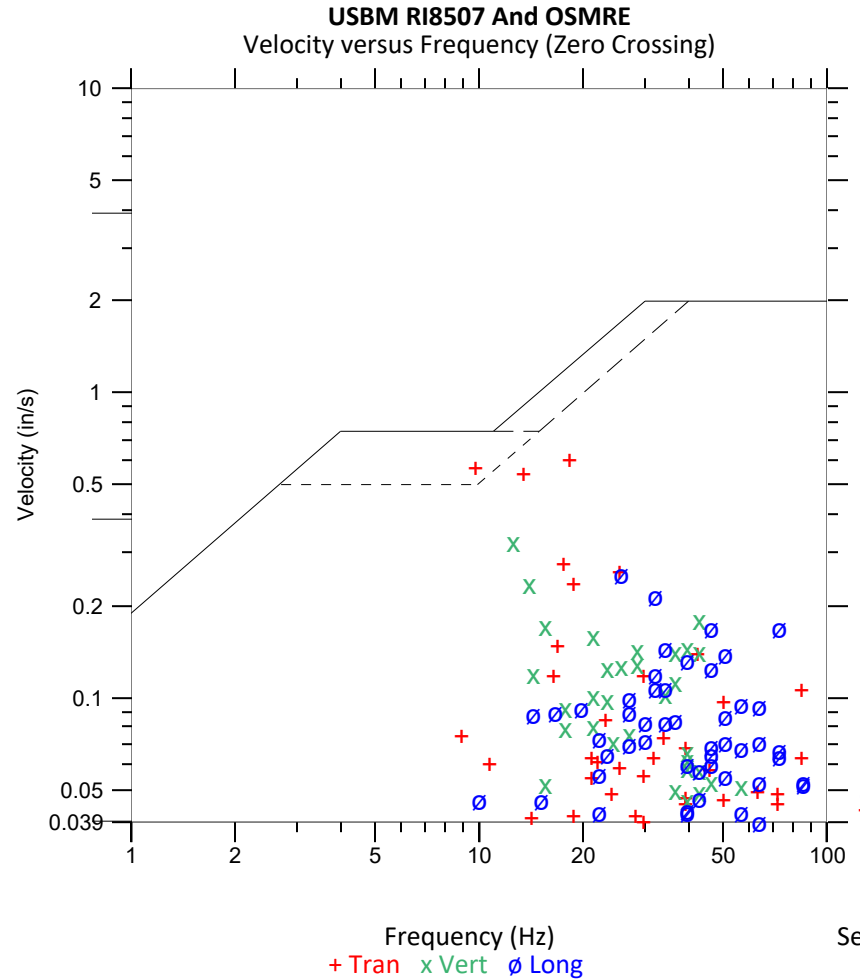
Notes
 Location
 Client
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 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.601 in/s	0.324 in/s	0.255 in/s
Zero Crossing Frequency	18.3 Hz	12.5 Hz	25.6 Hz
Time (Relative to Trigger)	0.006 sec	0.005 sec	0.044 sec
Peak Acceleration	0.260 g	0.252 g	0.216 g
Peak Displacement	0.006 in	0.002 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.8	3.8	3.3

Peak Vector Sum 0.691 in/s at 0.006 sec



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

Tran at **April 12, 2019 07:11:33**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

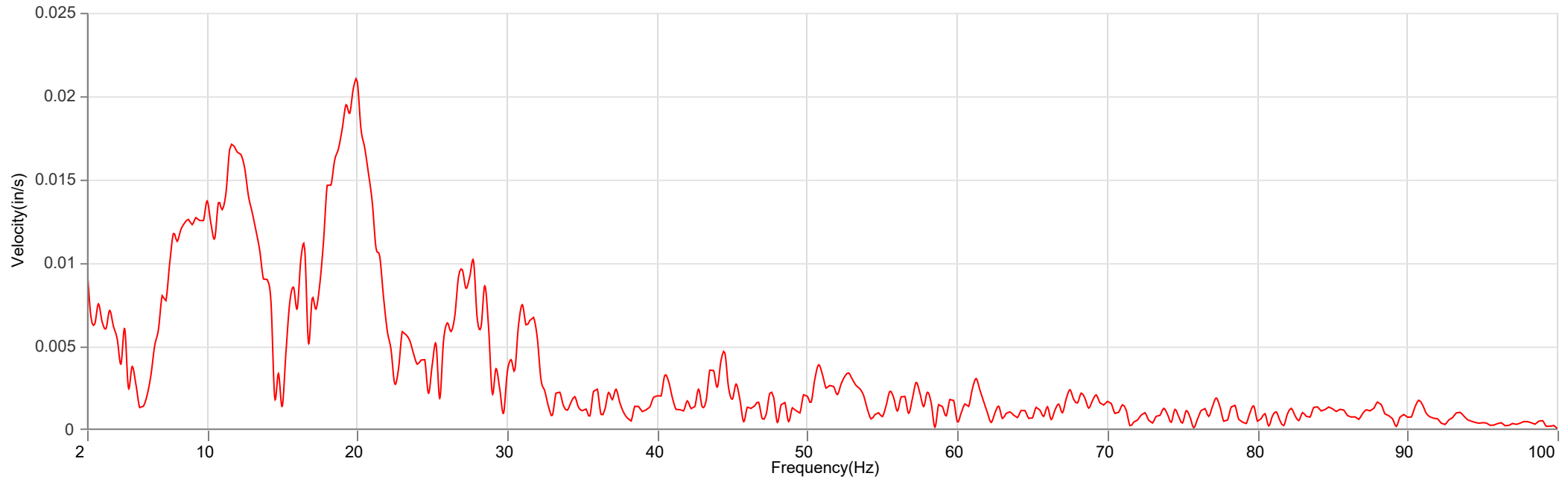
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190412071133.IDFW

Notes
Location
Client
Company
General Notes

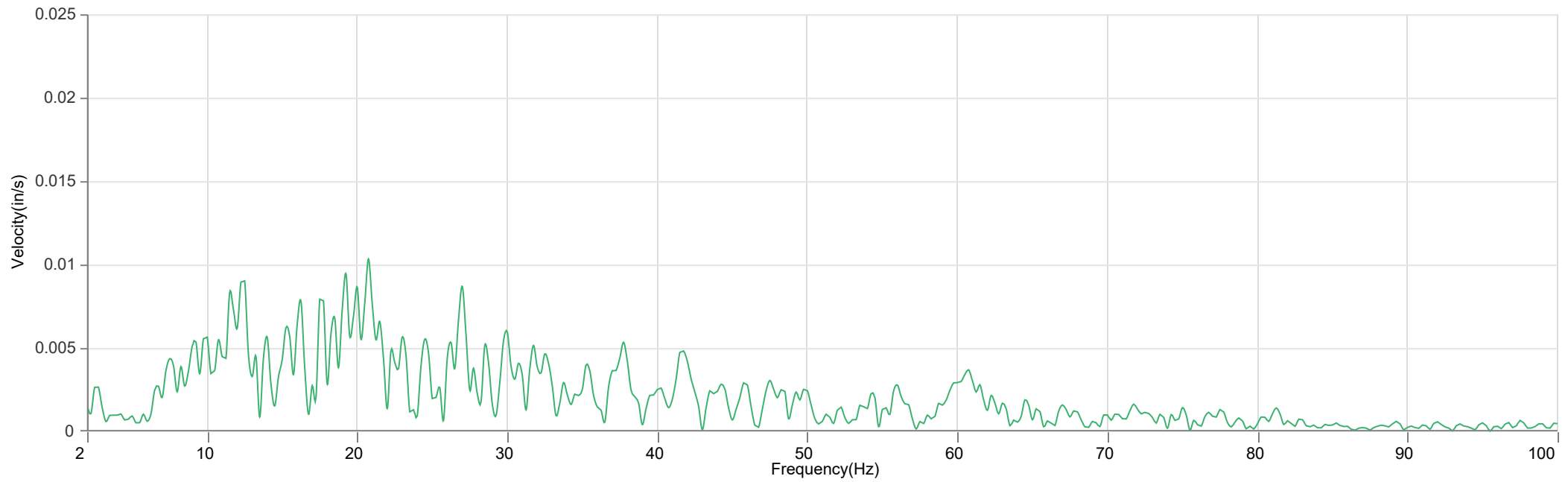
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

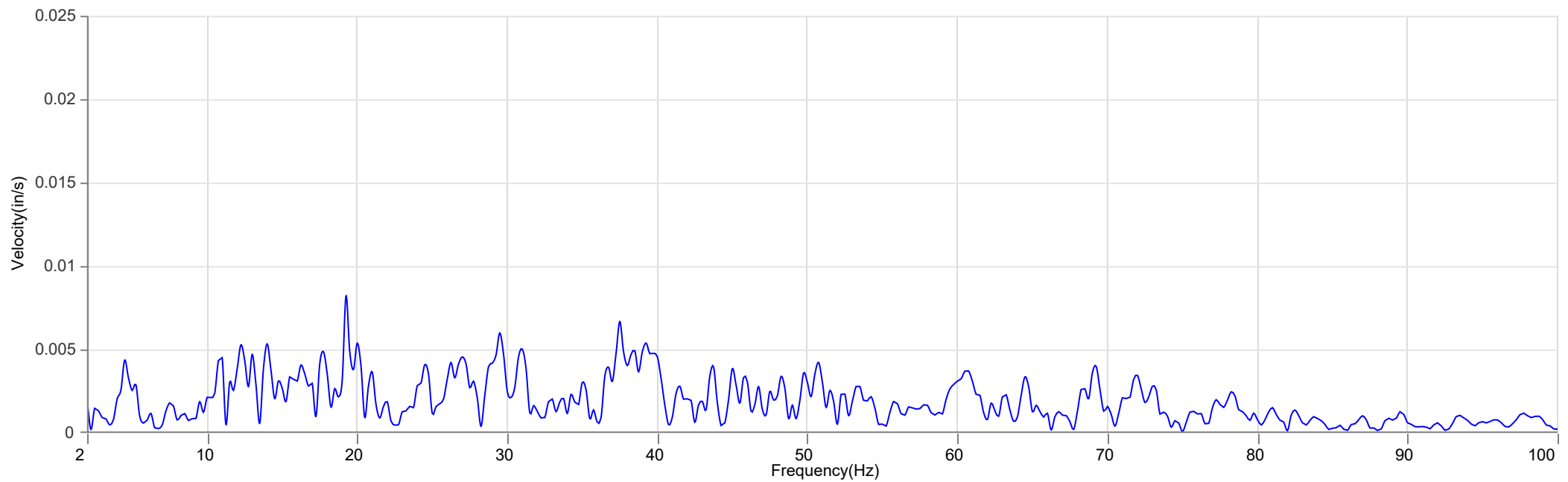
Tran - Dominant Frequency 20.0 Hz, Amplitude 0.021 in/s (Peak Particle Velocity: 0.601 in/s)



Vert - Dominant Frequency 20.8 Hz, Amplitude 0.010 in/s (Peak Particle Velocity: 0.324 in/s)



Long - Dominant Frequency 19.2 Hz, Amplitude 0.008 in/s (Peak Particle Velocity: 0.255 in/s)



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

Vert at **April 18, 2019 13:22:33**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

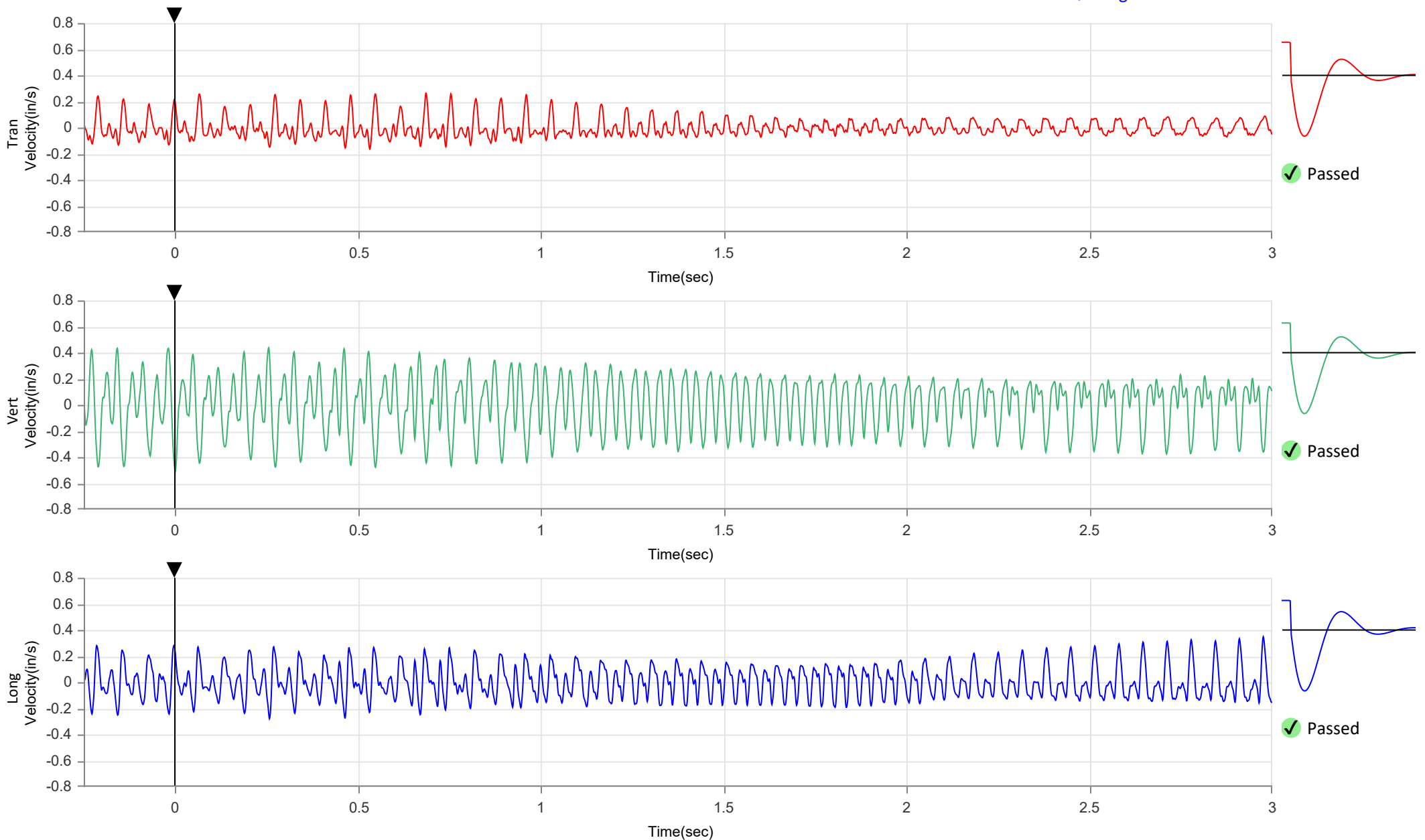
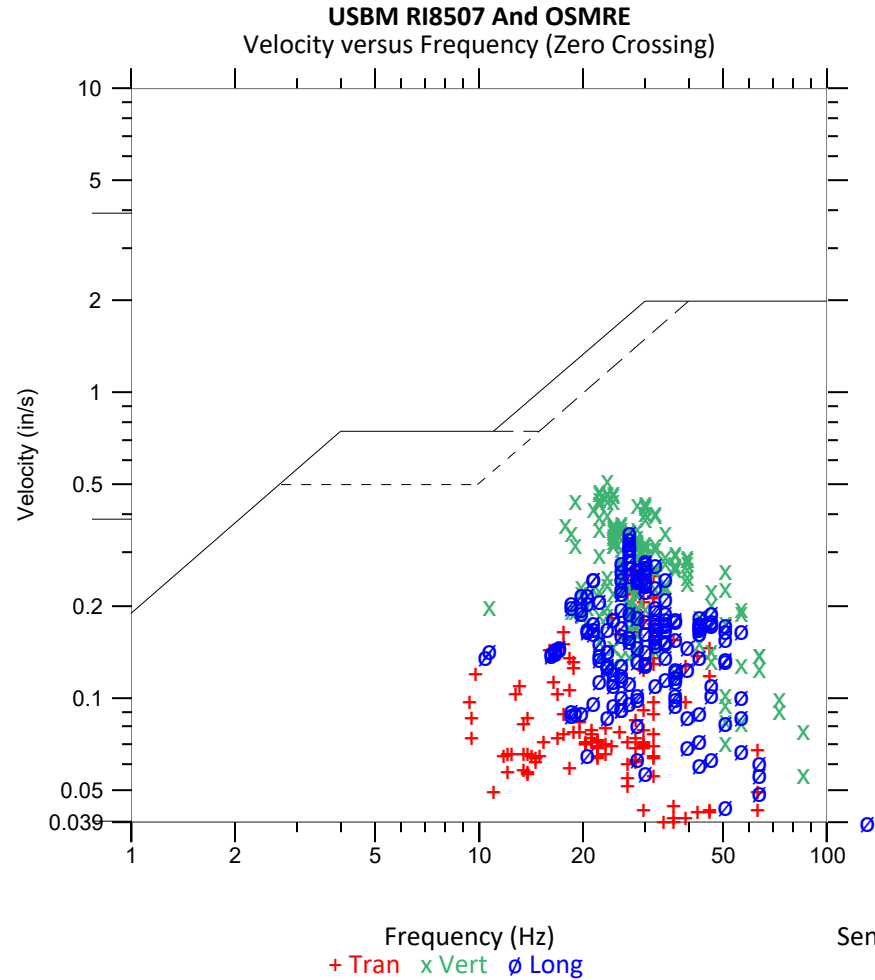
UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190418132233.IDFW

Notes
 Location
 Client
 Company
 General Notes

Portland ME
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 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.263 in/s	0.514 in/s	0.348 in/s
Zero Crossing Frequency	30.1 Hz	24.4 Hz	26.9 Hz
Time (Relative to Trigger)	0.686 sec	0.000 sec	2.976 sec
Peak Acceleration	0.128 g	0.259 g	0.228 g
Peak Displacement	0.001 in	0.003 in	0.002 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.7	3.8	3.3
Peak Vector Sum	0.599 in/s at -0.001 sec		



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

Vert at **April 18, 2019 13:22:33**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

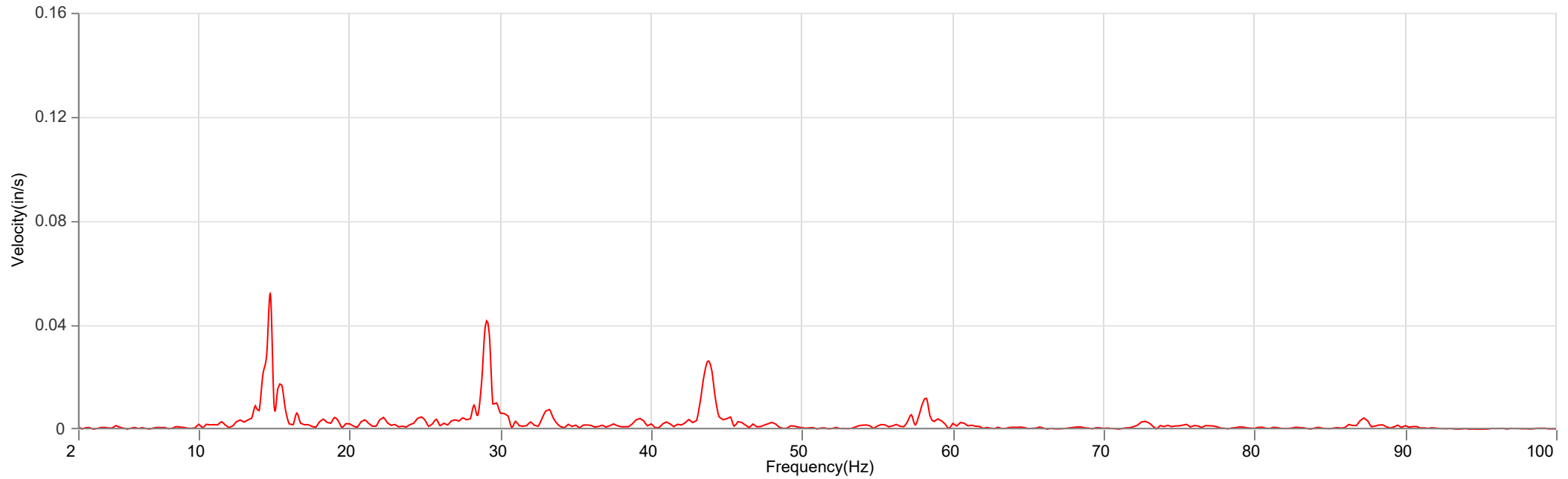
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190418132233.IDFW

Notes
Location
Client
Company
General Notes

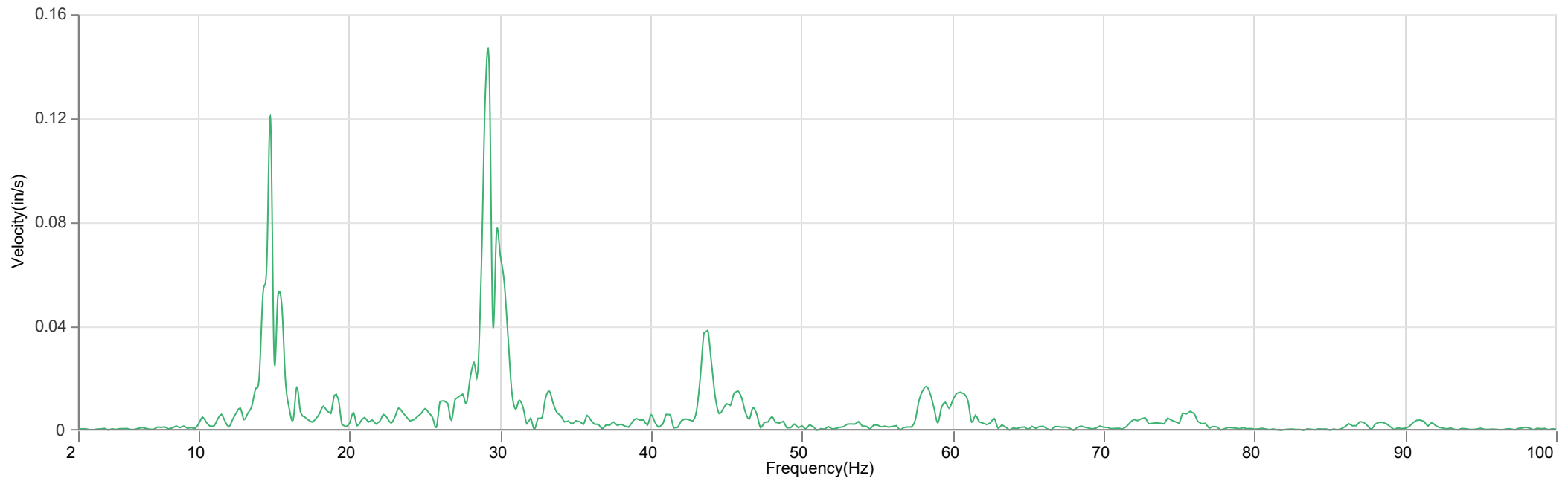
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

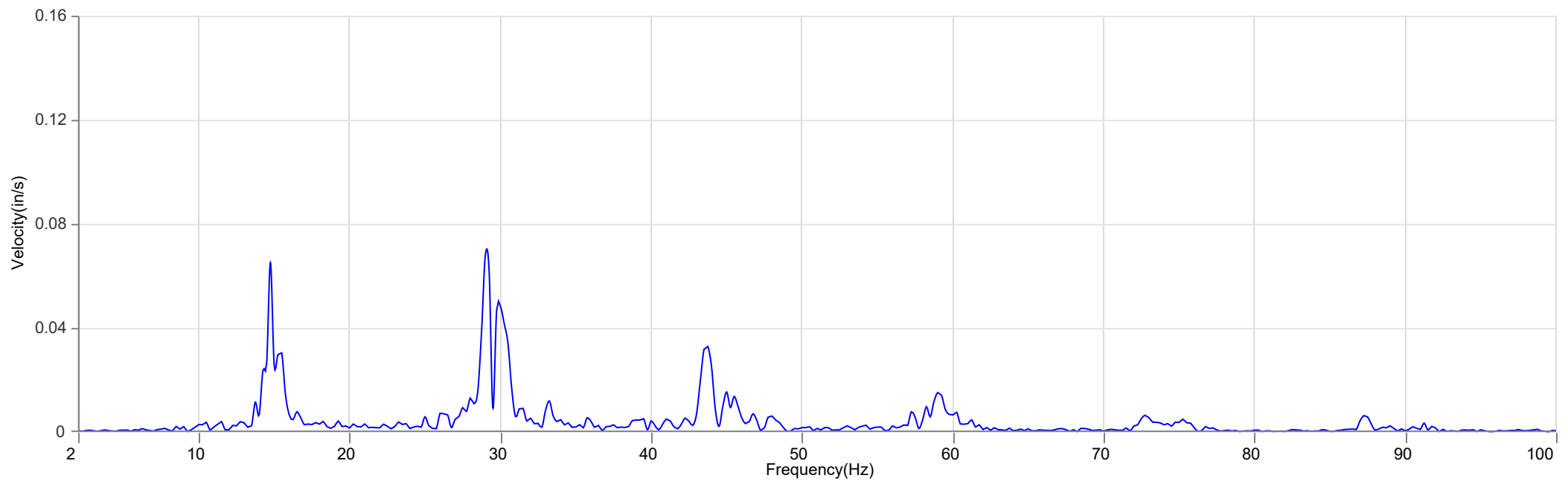
Tran - Dominant Frequency 14.8 Hz, Amplitude 0.052 in/s (Peak Particle Velocity: 0.263 in/s)



Vert - Dominant Frequency 29.2 Hz, Amplitude 0.141 in/s (Peak Particle Velocity: 0.514 in/s)



Long - Dominant Frequency 29.0 Hz, Amplitude 0.068 in/s (Peak Particle Velocity: 0.348 in/s)



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

Vert at **April 18, 2019 13:26:39**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190418132639.IDFW

Notes
 Location
 Client
 Company
 General Notes

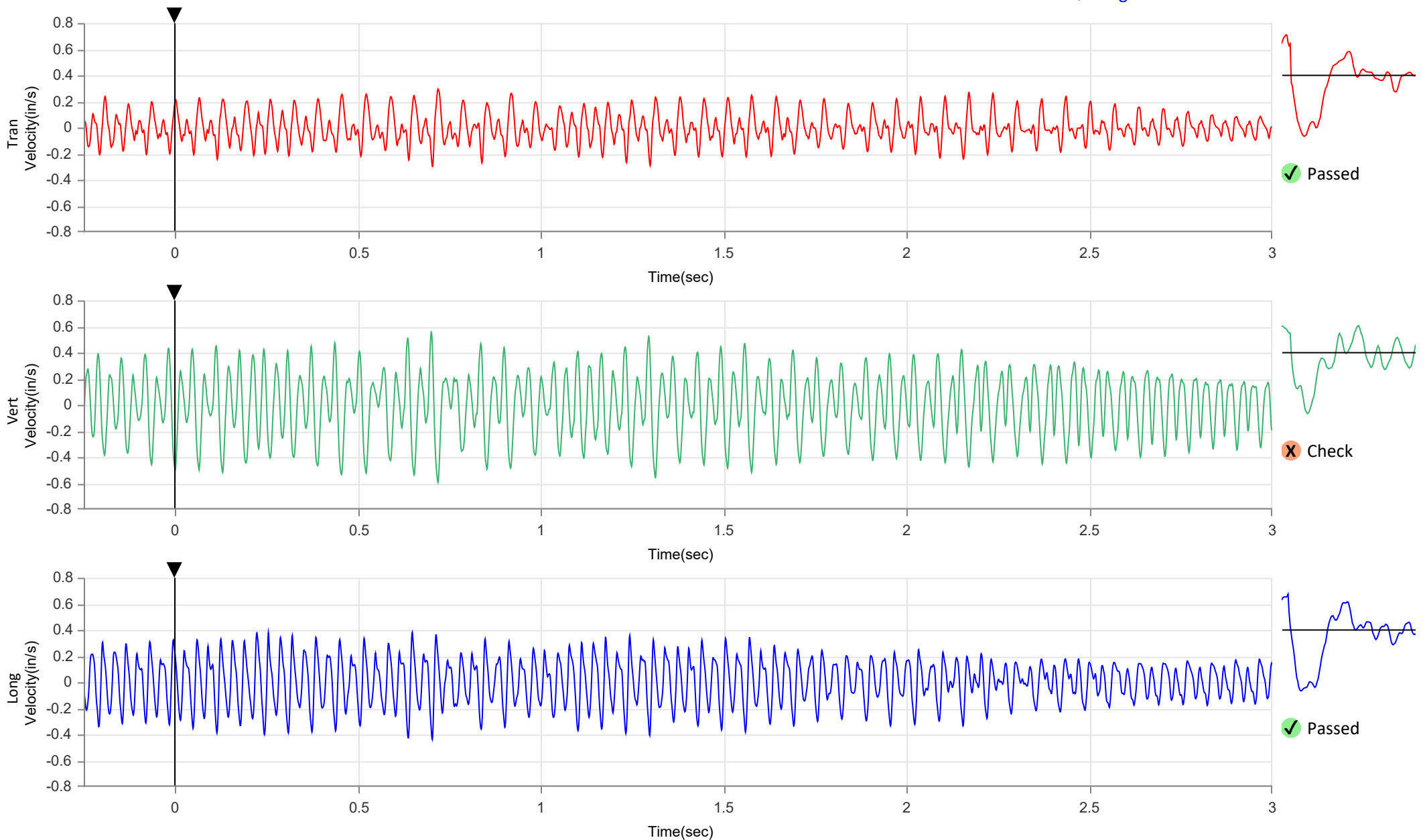
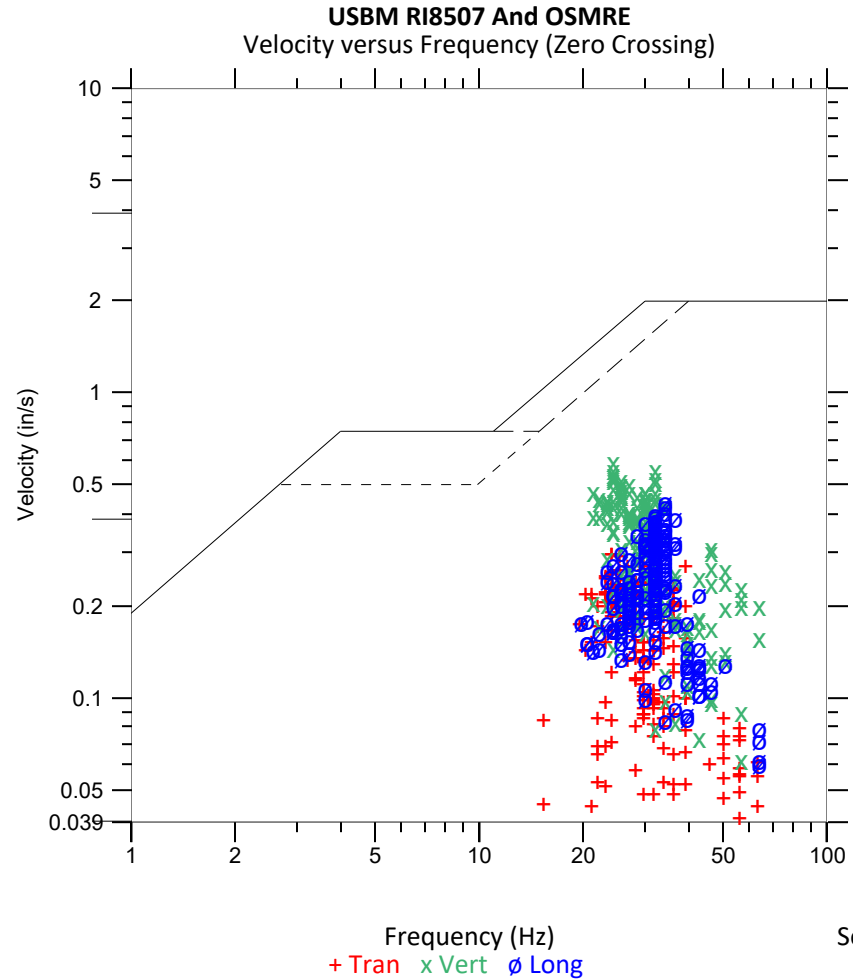
Portland ME
 Consigli
 GTR

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
0.297 in/s	0.594 in/s	0.437 in/s
24.4 Hz	24.4 Hz	34.1 Hz
0.704 sec	0.719 sec	0.703 sec
0.188 g	0.294 g	0.305 g
0.002 in	0.004 in	0.002 in
✓ Passed	✗ Check	✓ Passed
7.1 Hz	6.1 Hz	7.5 Hz
2.5	3.1	2.1

Peak Vector Sum 0.731 in/s at 0.702 sec



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

Vert at **April 18, 2019 13:26:39**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

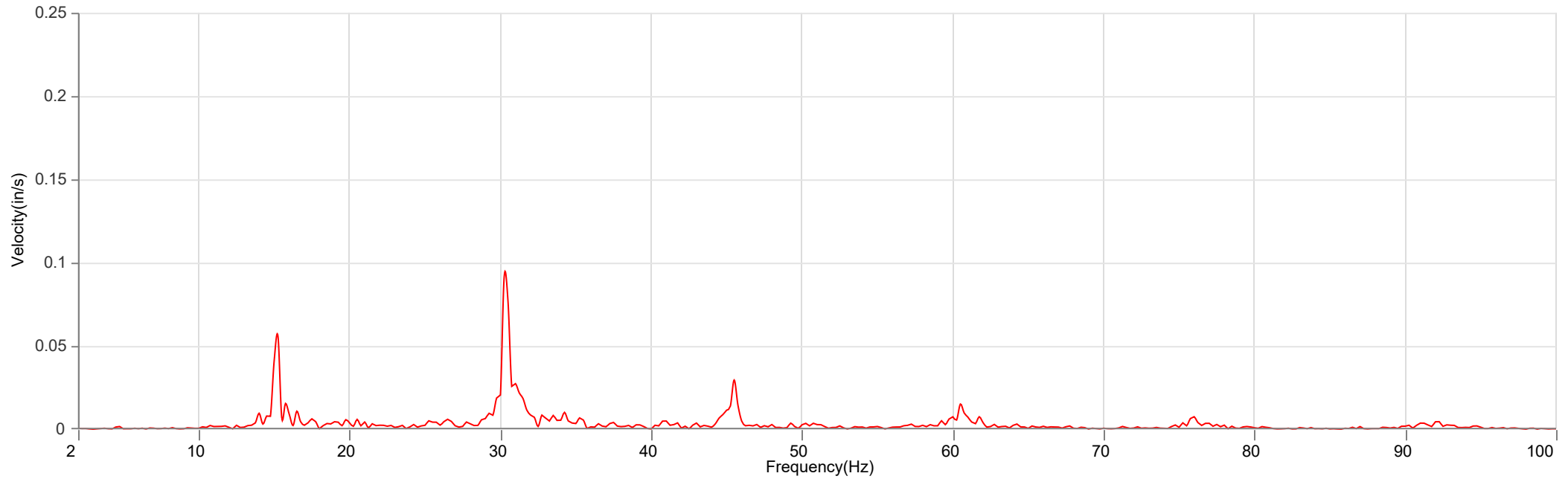
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Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190418132639.IDFW

Notes
Location
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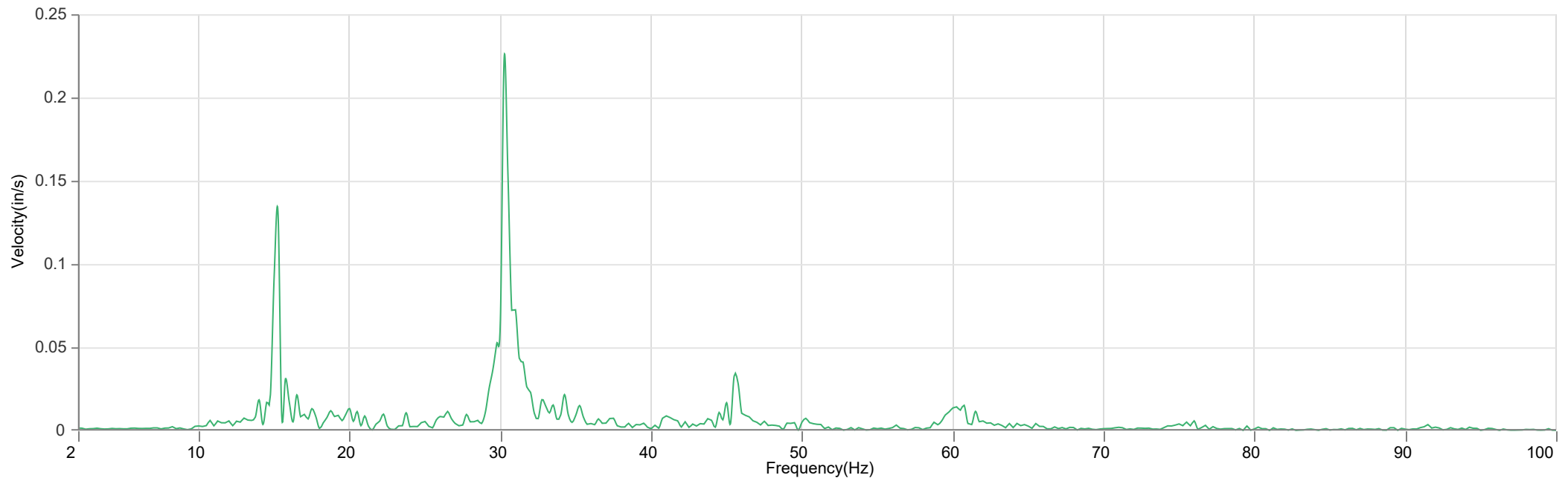
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

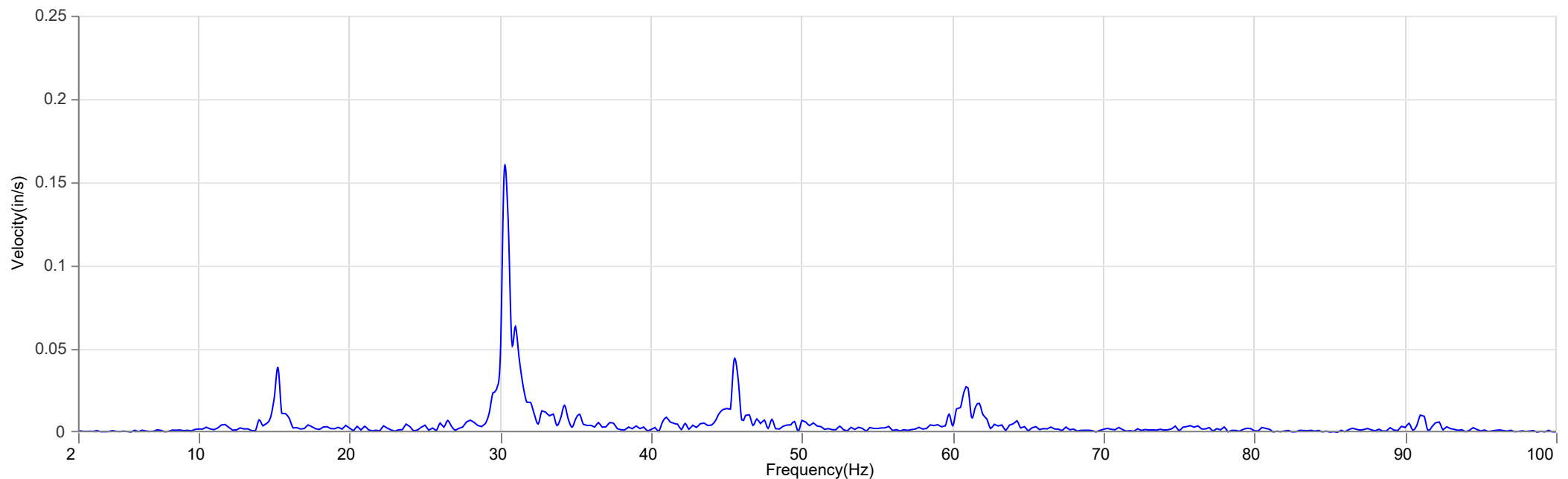
Tran - Dominant Frequency 30.2 Hz, Amplitude 0.092 in/s (Peak Particle Velocity: 0.297 in/s)



Vert - Dominant Frequency 30.2 Hz, Amplitude 0.224 in/s (Peak Particle Velocity: 0.594 in/s)



Long - Dominant Frequency 30.2 Hz, Amplitude 0.156 in/s (Peak Particle Velocity: 0.437 in/s)



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

Vert at **April 18, 2019 14:54:04**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190418145404.IDFW

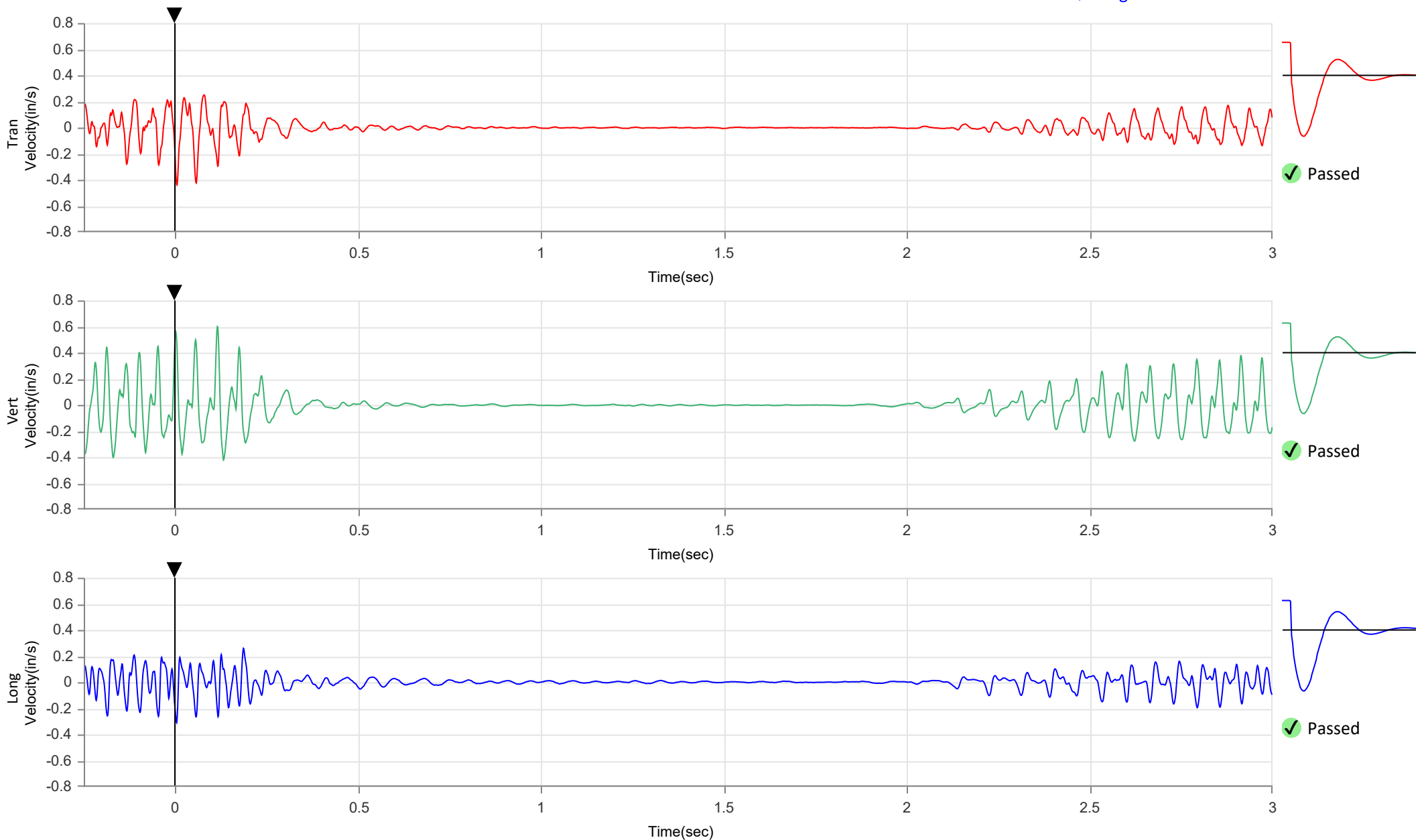
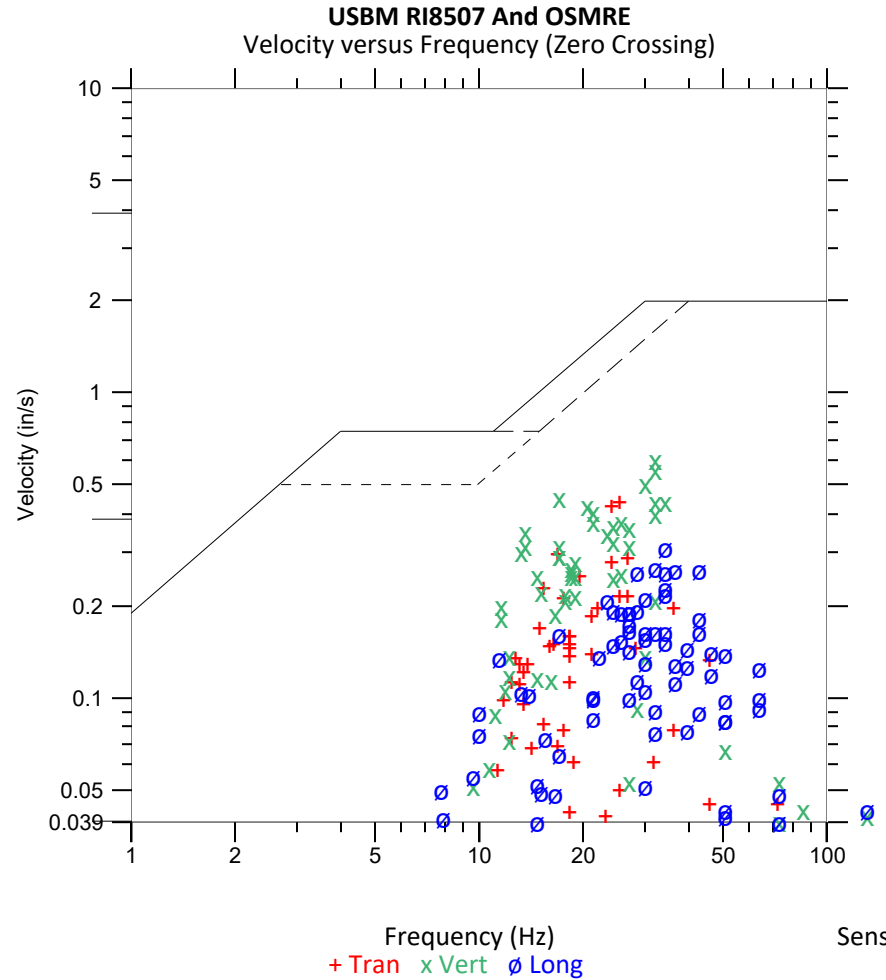
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.439 in/s	0.600 in/s	0.308 in/s
Zero Crossing Frequency	25.6 Hz	32.0 Hz	34.1 Hz
Time (Relative to Trigger)	0.005 sec	0.115 sec	0.004 sec
Peak Acceleration	0.189 g	0.305 g	0.248 g
Peak Displacement	0.002 in	0.003 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.9 Hz	8.2 Hz
Overswing Ratio	3.8	3.8	3.3

Peak Vector Sum 0.745 in/s at 0.003 sec



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

Vert at **April 18, 2019 14:54:04**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

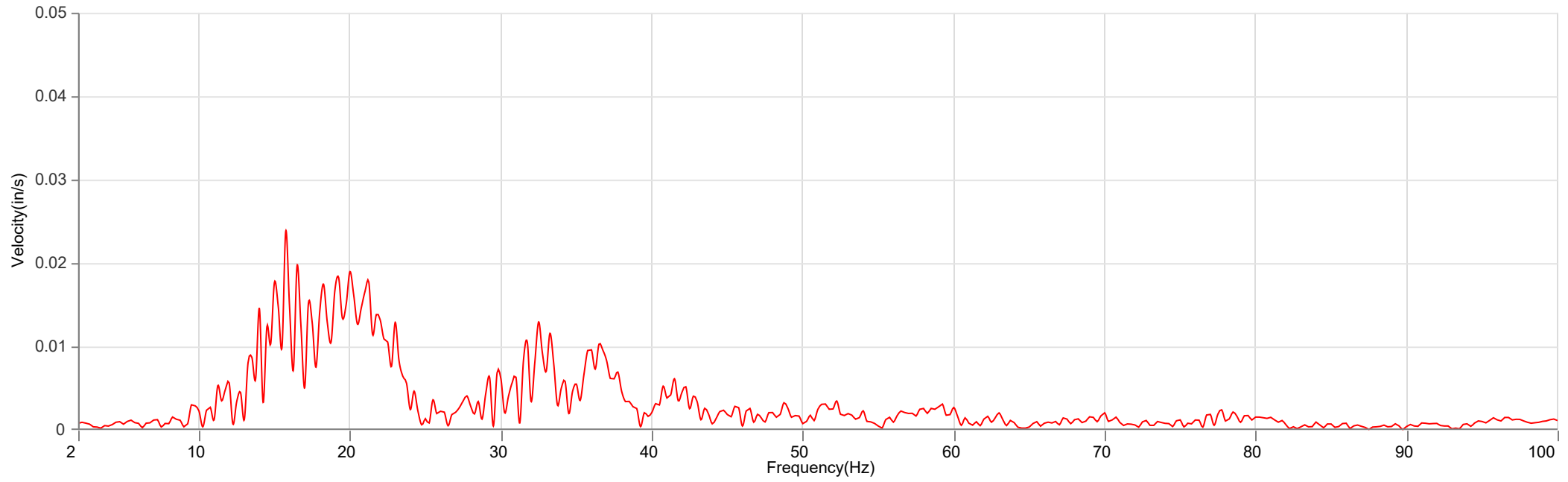
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Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190418145404.IDFW

Notes
Location
Client
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General Notes

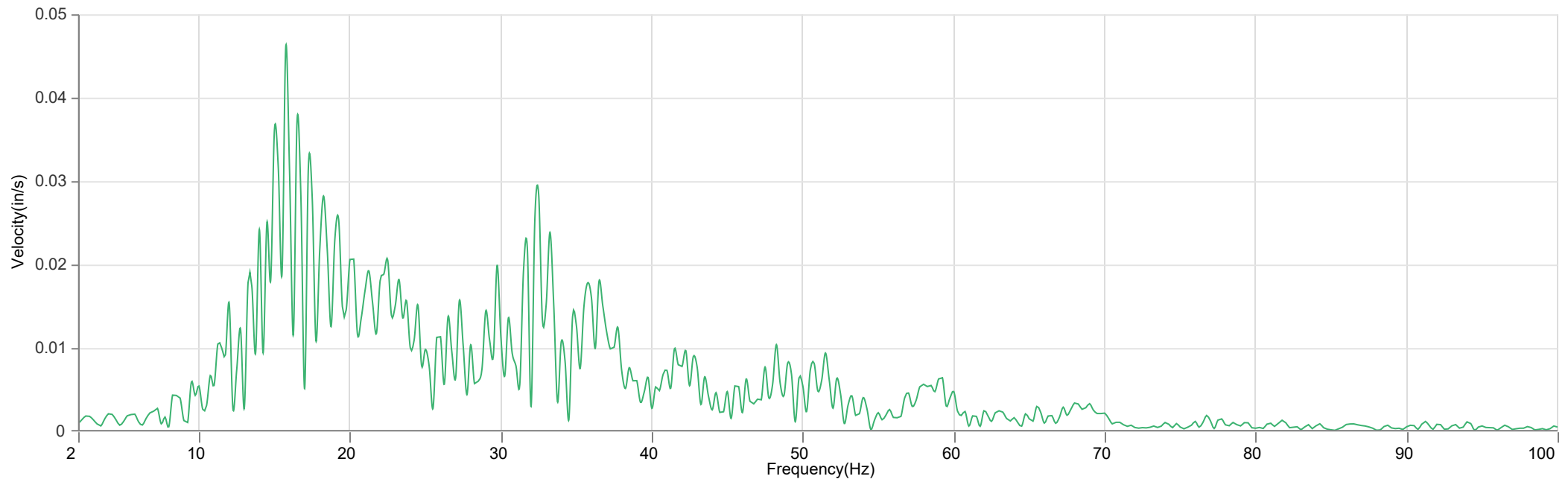
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

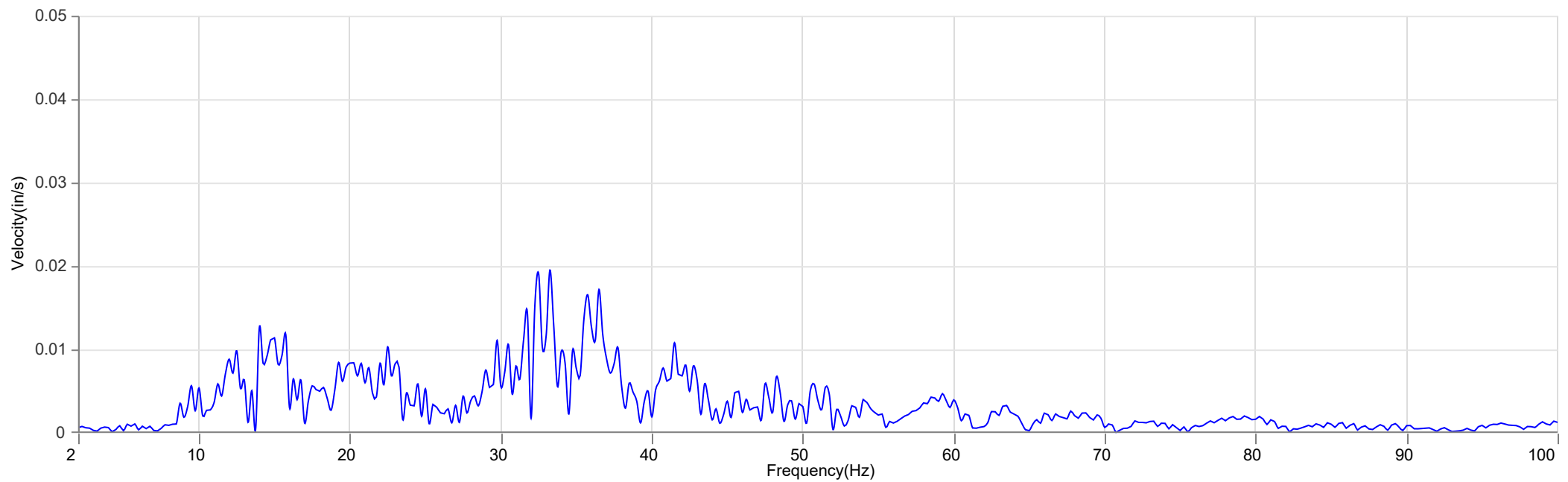
Tran - Dominant Frequency 15.8 Hz, Amplitude 0.024 in/s (Peak Particle Velocity: 0.439 in/s)



Vert - Dominant Frequency 15.8 Hz, Amplitude 0.046 in/s (Peak Particle Velocity: 0.600 in/s)



Long - Dominant Frequency 33.2 Hz, Amplitude 0.020 in/s (Peak Particle Velocity: 0.308 in/s)



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

Vert at **April 18, 2019 14:59:24**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190418145924.IDFW

Notes
 Location
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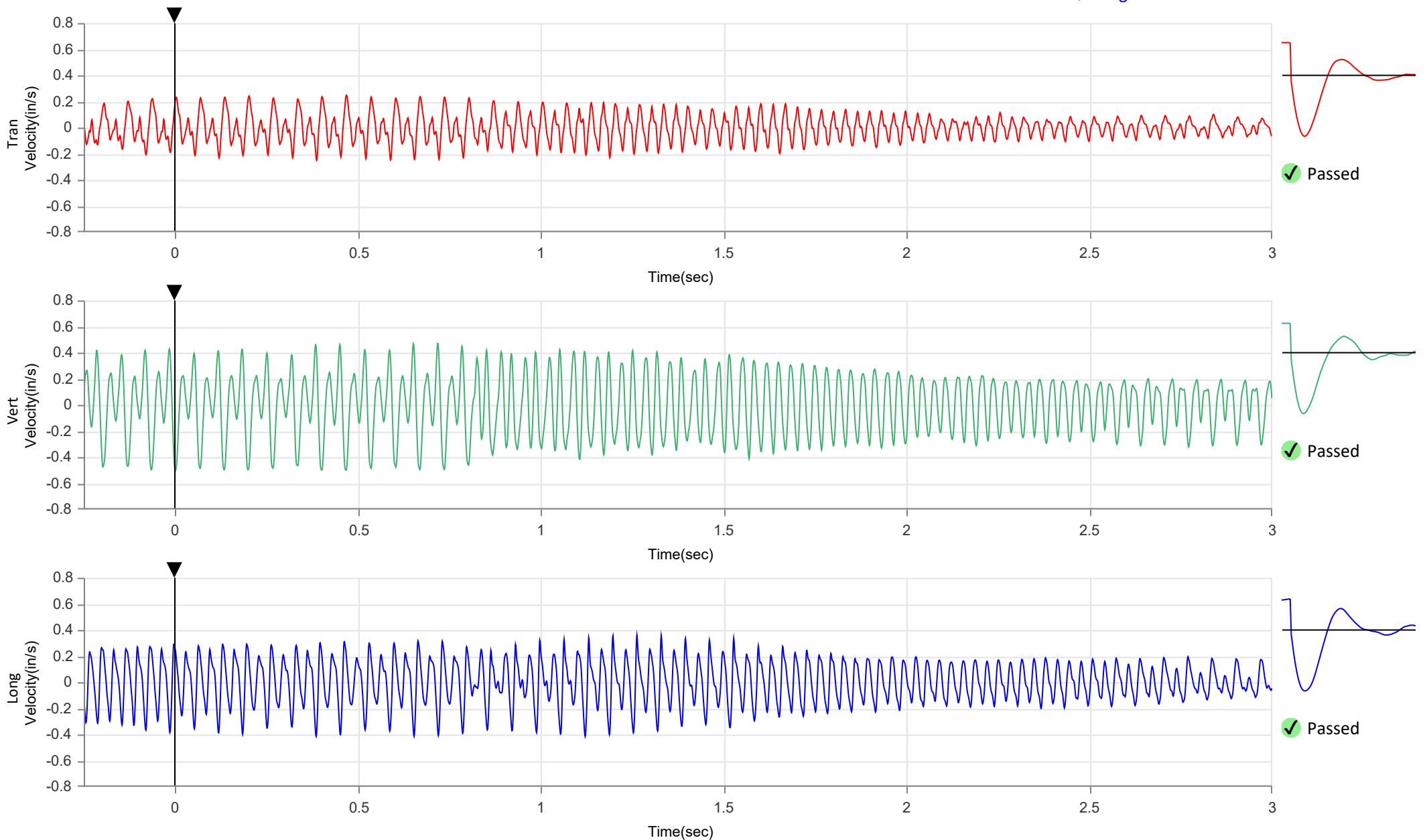
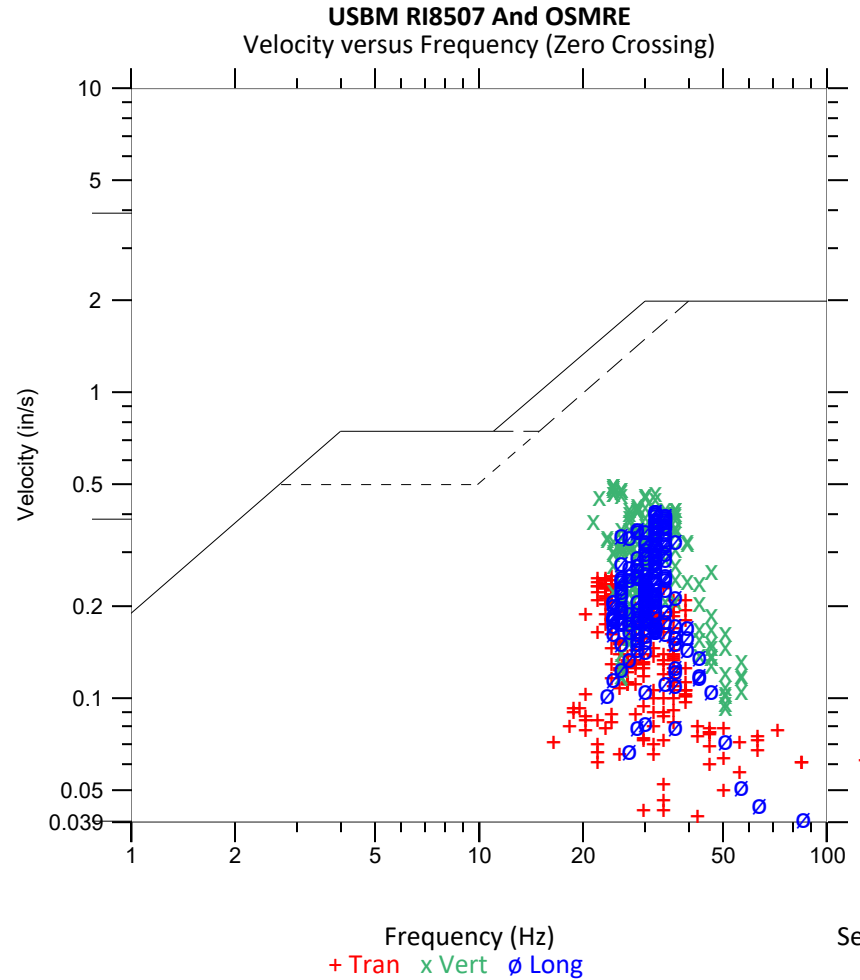
Portland ME
 Consigli
 GTR

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
0.250 in/s	0.503 in/s	0.414 in/s
24.4 Hz	24.4 Hz	32.0 Hz
0.387 sec	0.001 sec	0.386 sec
0.151 g	0.267 g	0.327 g
0.002 in	0.003 in	0.002 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.5 Hz
3.8	3.7	2.8

Peak Vector Sum 0.648 in/s at 0.385 sec



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

Vert at April 18, 2019 14:59:24
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

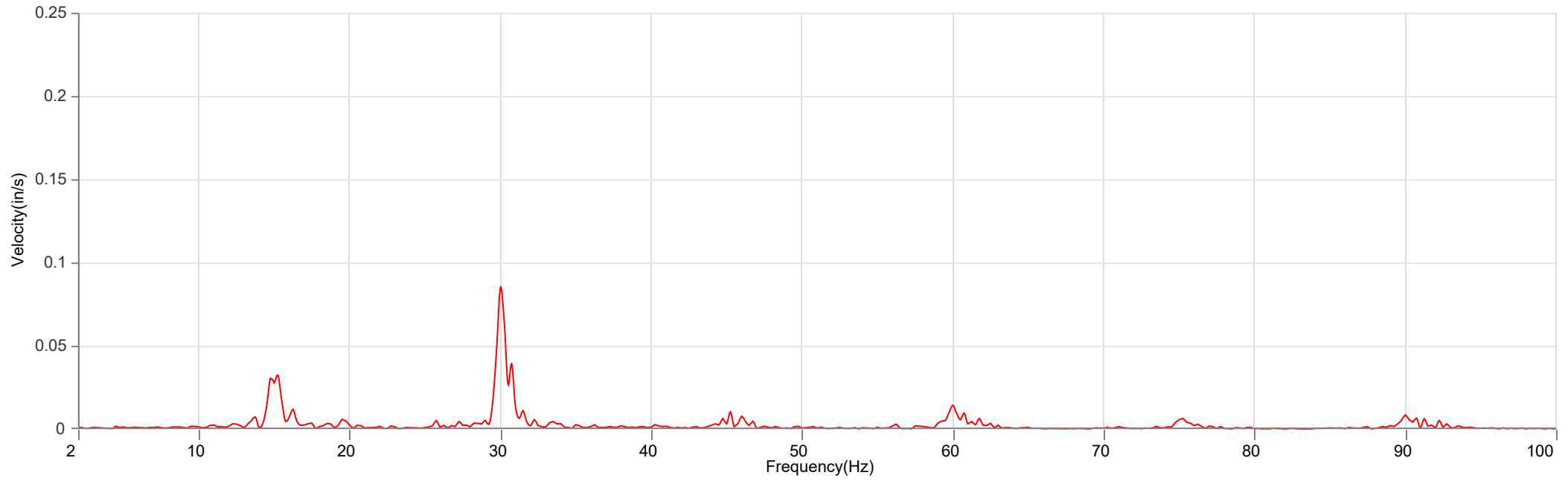
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190418145924.IDFW

Notes
Location
Client
Company
General Notes

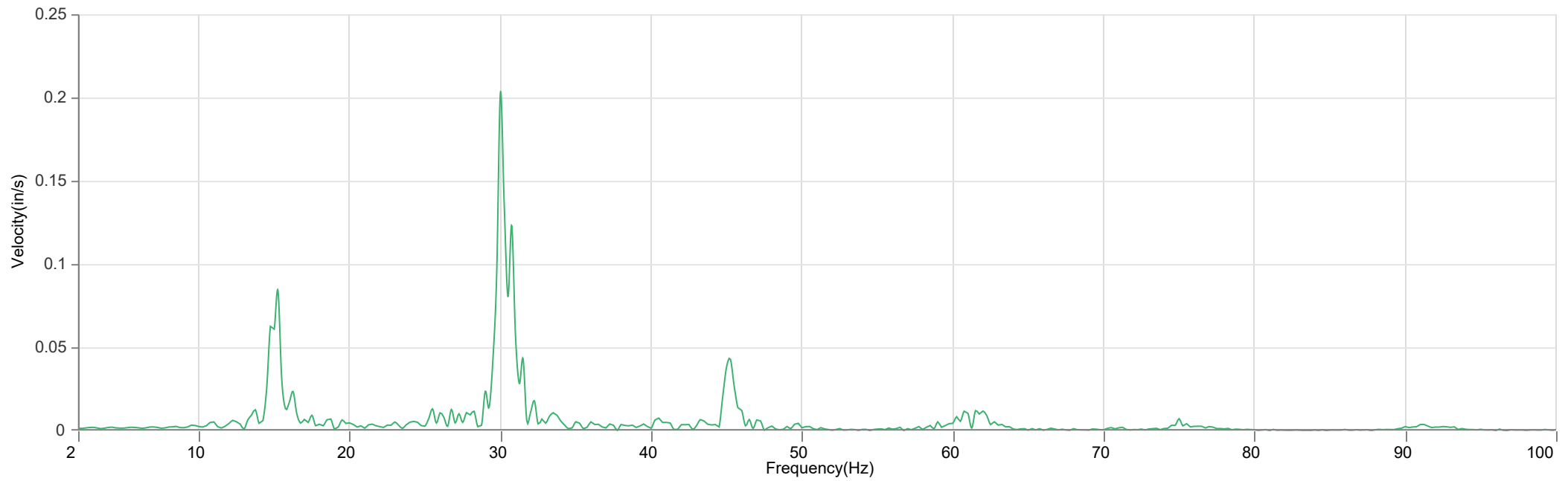
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

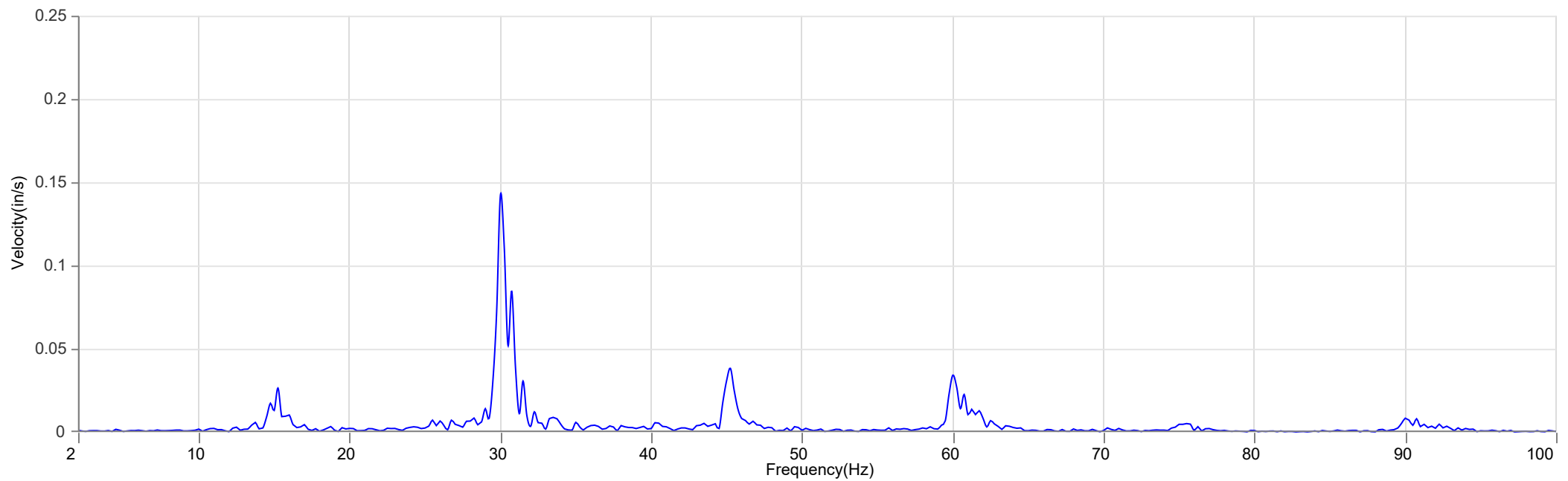
Tran - Dominant Frequency 30.0 Hz, Amplitude 0.085 in/s (Peak Particle Velocity: 0.250 in/s)



Vert - Dominant Frequency 30.0 Hz, Amplitude 0.203 in/s (Peak Particle Velocity: 0.503 in/s)



Long - Dominant Frequency 30.0 Hz, Amplitude 0.142 in/s (Peak Particle Velocity: 0.414 in/s)



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

Vert at **April 19, 2019 14:24:02**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

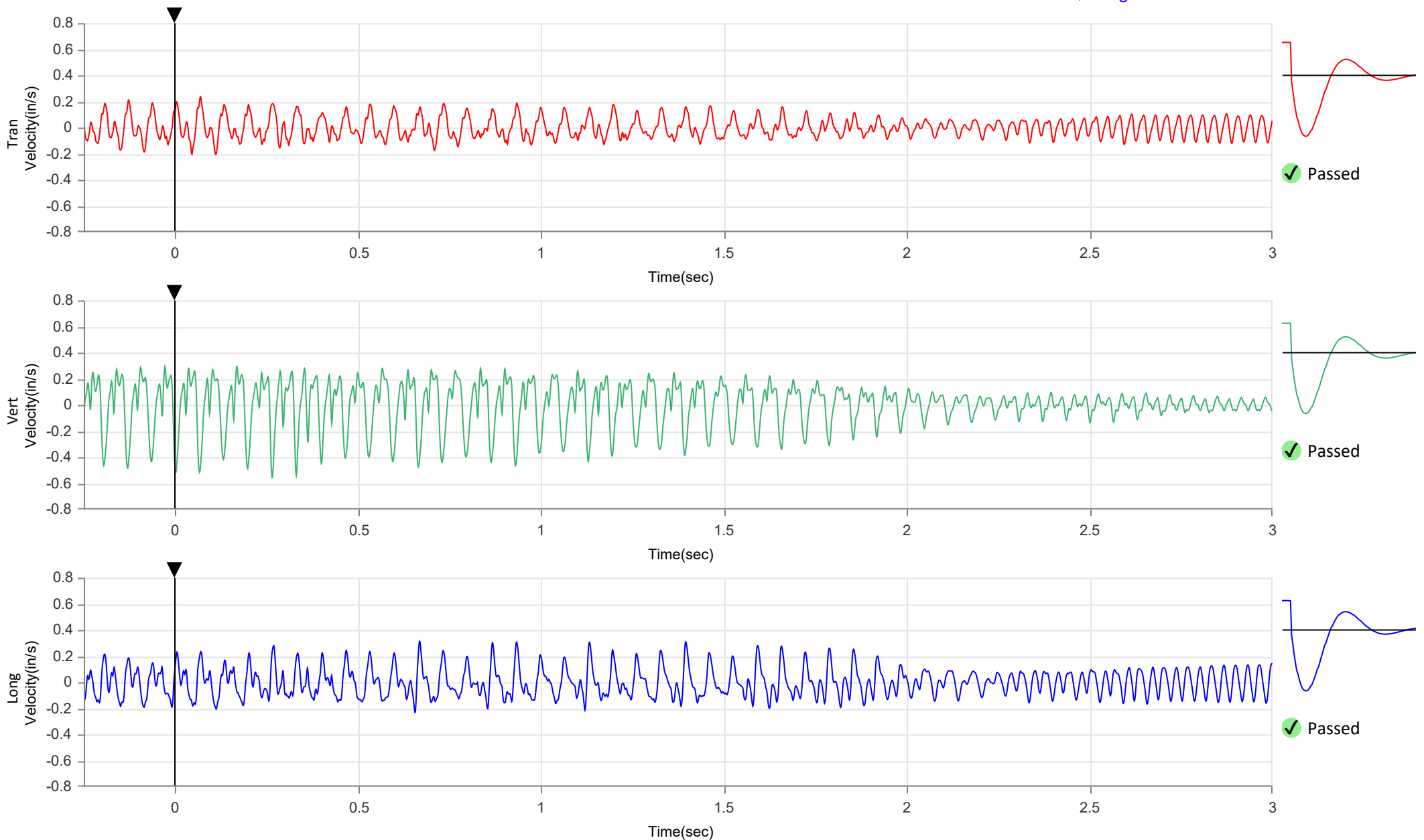
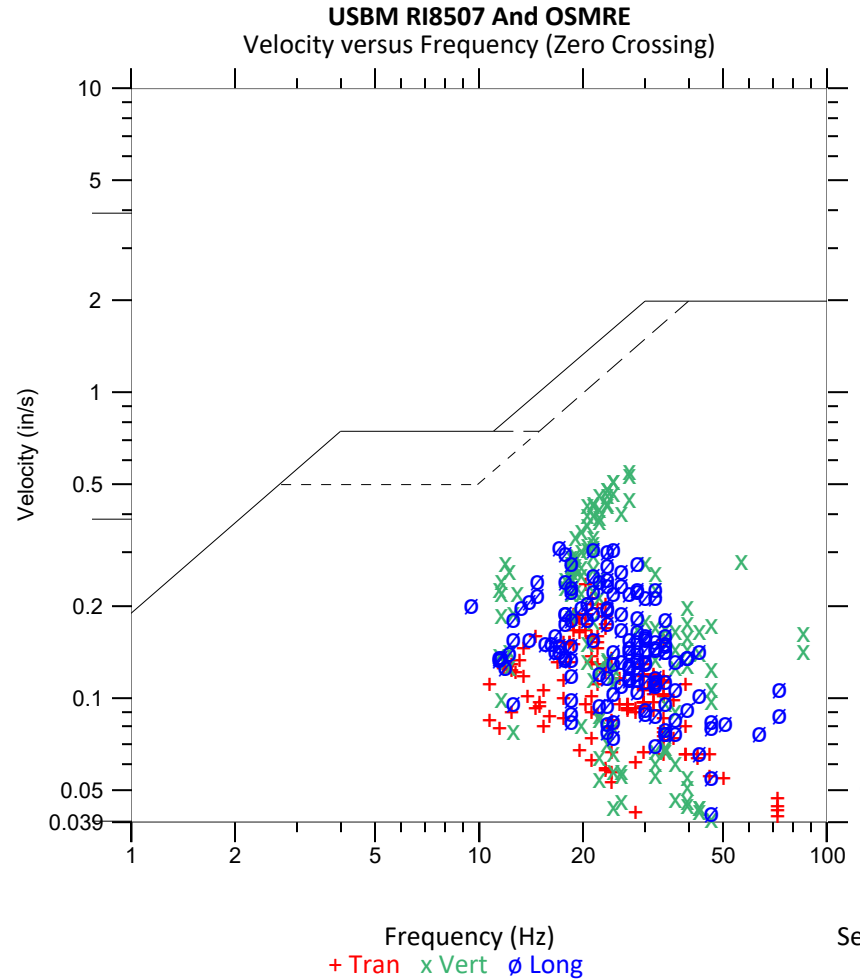
UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190419142402.IDFW

Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.236 in/s	0.555 in/s	0.314 in/s
Zero Crossing Frequency	20.5 Hz	26.9 Hz	17.1 Hz
Time (Relative to Trigger)	0.069 sec	0.265 sec	0.668 sec
Peak Acceleration	0.112 g	0.300 g	0.186 g
Peak Displacement	0.002 in	0.003 in	0.002 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.9 Hz	6.9 Hz	6.9 Hz
Overswing Ratio	3.8	3.8	3.3
Peak Vector Sum	0.633 in/s at 0.266 sec		



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

Vert at **April 19, 2019 14:24:02**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

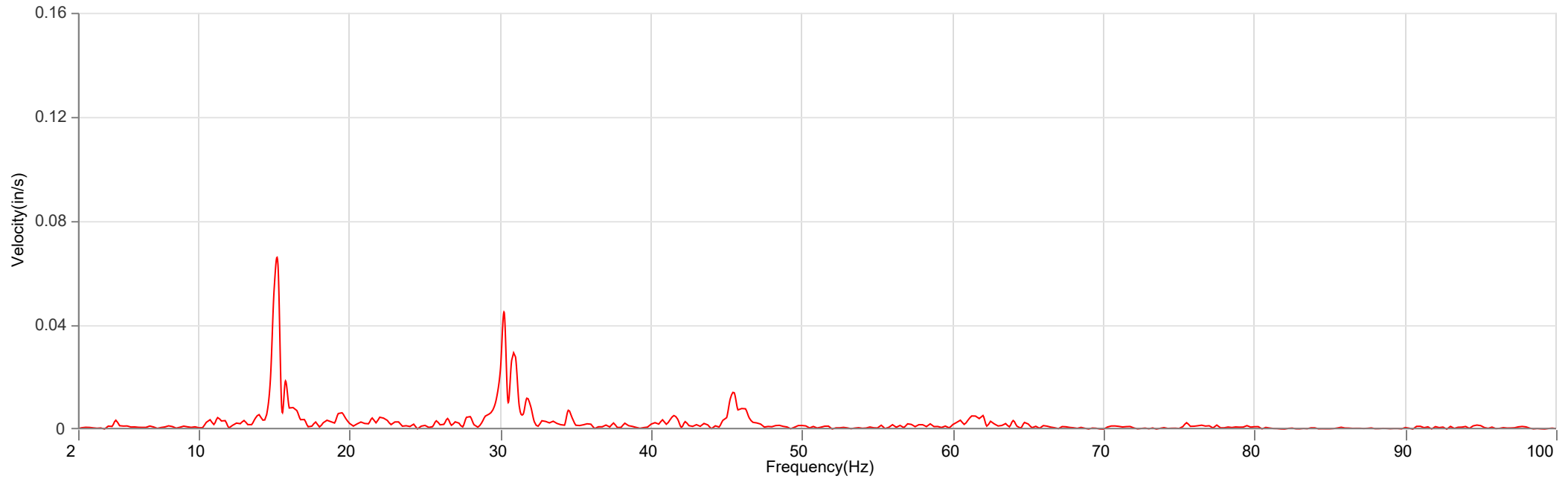
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190419142402.IDFW

Notes
Location
Client
Company
General Notes

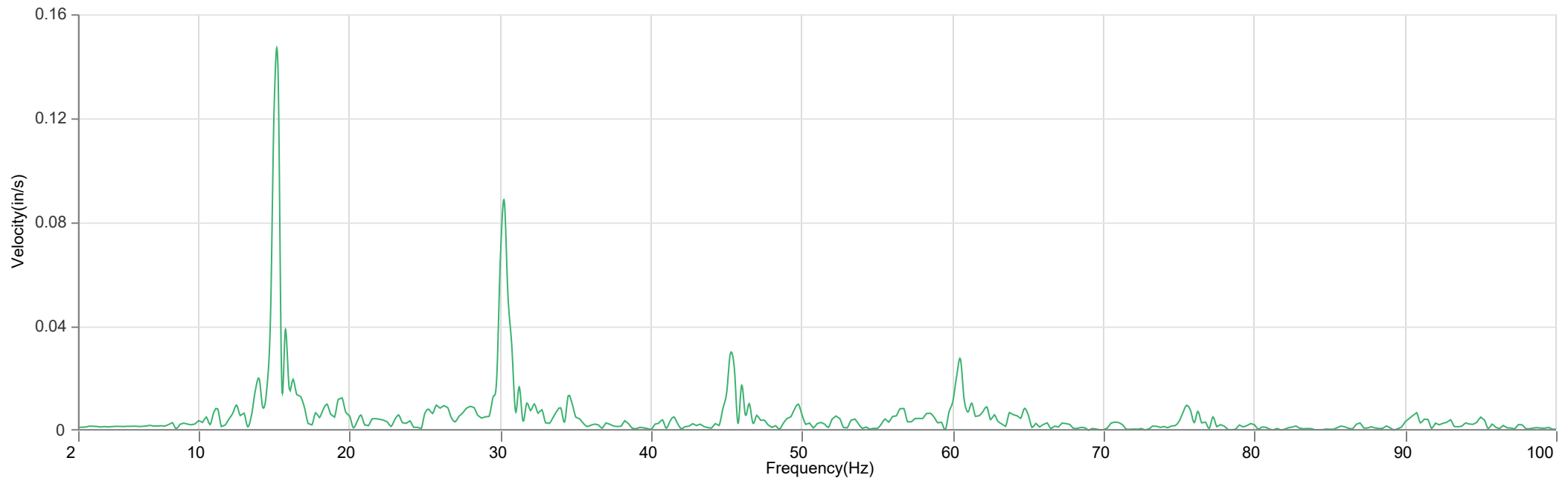
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

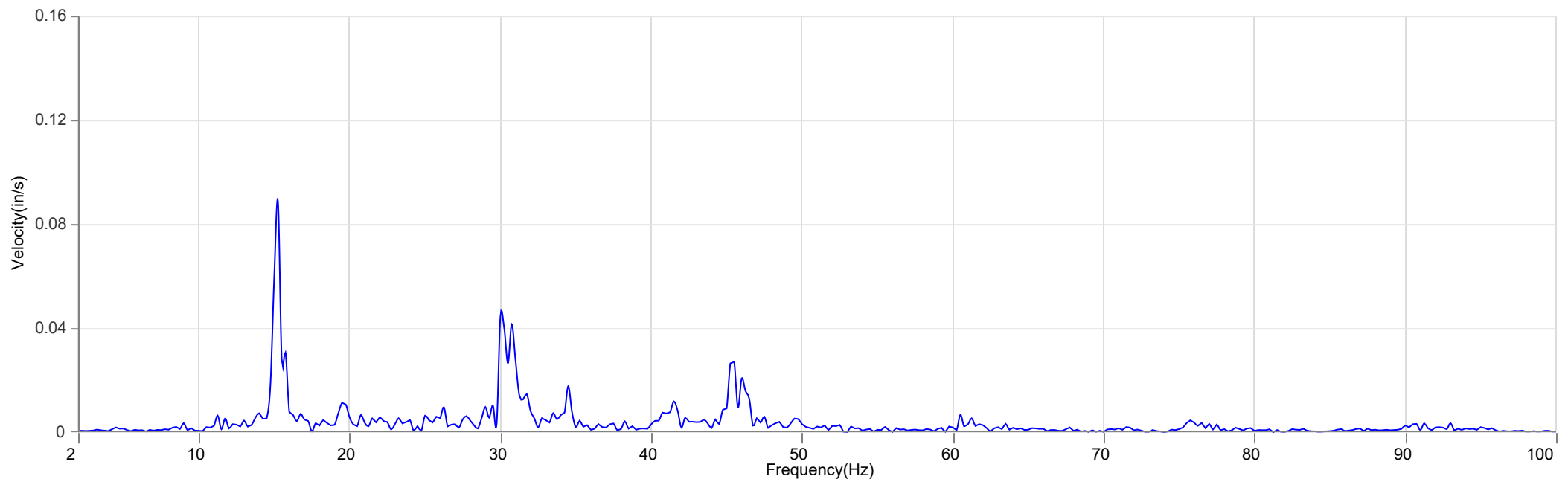
Tran - Dominant Frequency 15.2 Hz, Amplitude 0.063 in/s (Peak Particle Velocity: 0.236 in/s)



Vert - Dominant Frequency 15.2 Hz, Amplitude 0.139 in/s (Peak Particle Velocity: 0.555 in/s)



Long - Dominant Frequency 15.2 Hz, Amplitude 0.089 in/s (Peak Particle Velocity: 0.314 in/s)



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

Vert at **April 19, 2019 14:26:08**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190419142608.IDFW

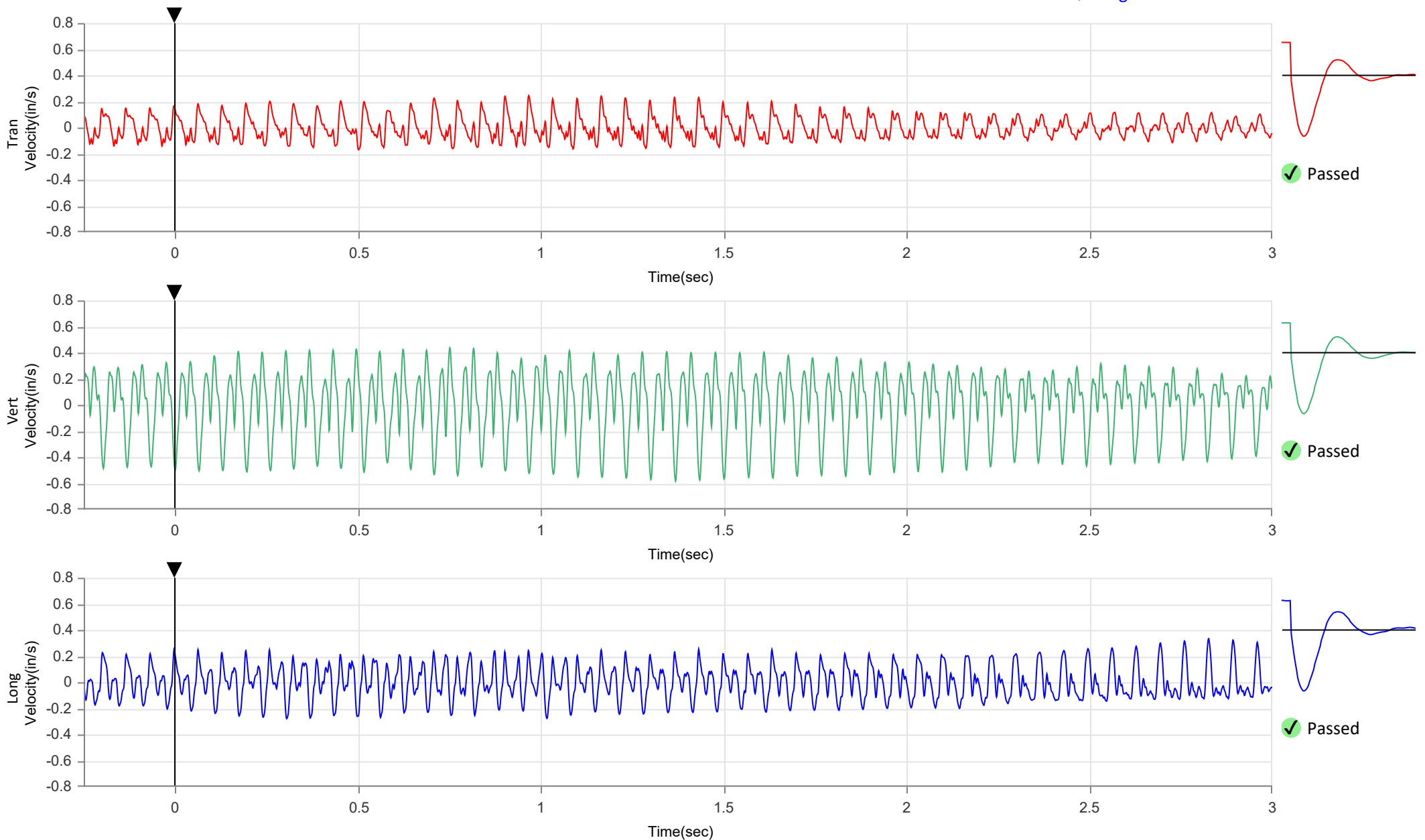
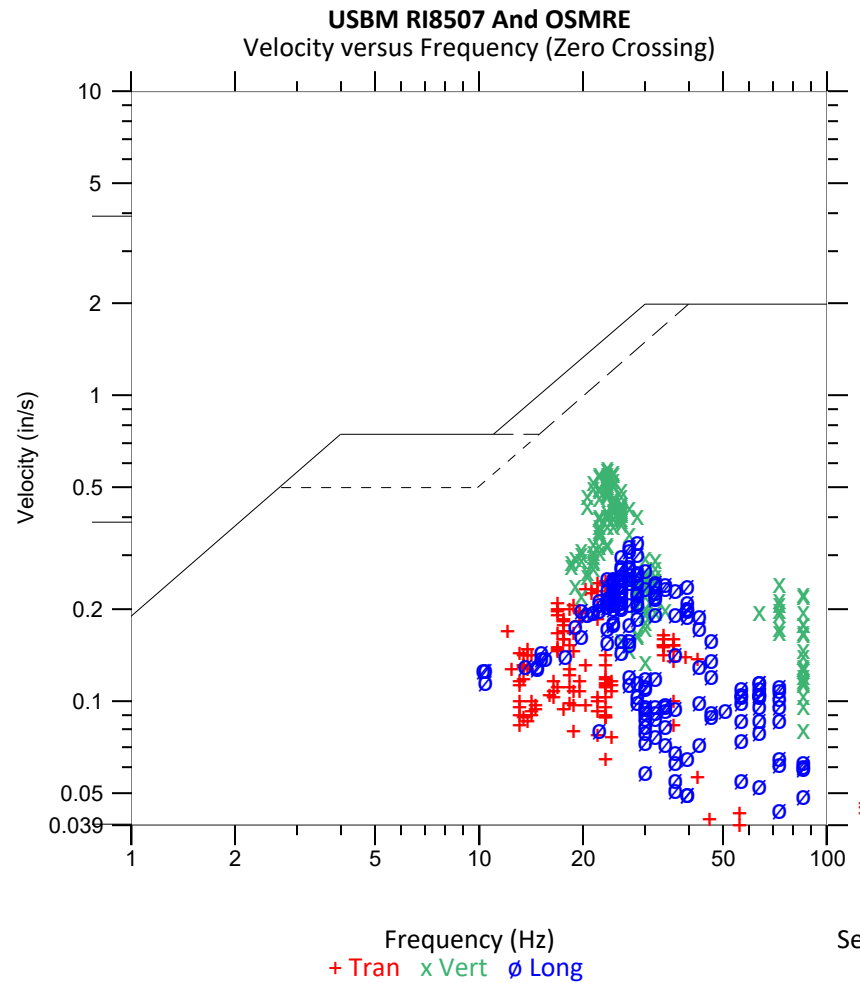
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.245 in/s	0.583 in/s	0.334 in/s
Zero Crossing Frequency	23.3 Hz	23.3 Hz	28.4 Hz
Time (Relative to Trigger)	0.967 sec	1.368 sec	2.826 sec
Peak Acceleration	0.174 g	0.302 g	0.182 g
Peak Displacement	0.001 in	0.004 in	0.002 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.9 Hz	7.9 Hz	7.9 Hz
Overswing Ratio	3.9	3.8	3.3

Peak Vector Sum 0.643 in/s at 1.367 sec



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

Vert at **April 19, 2019 14:26:08**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

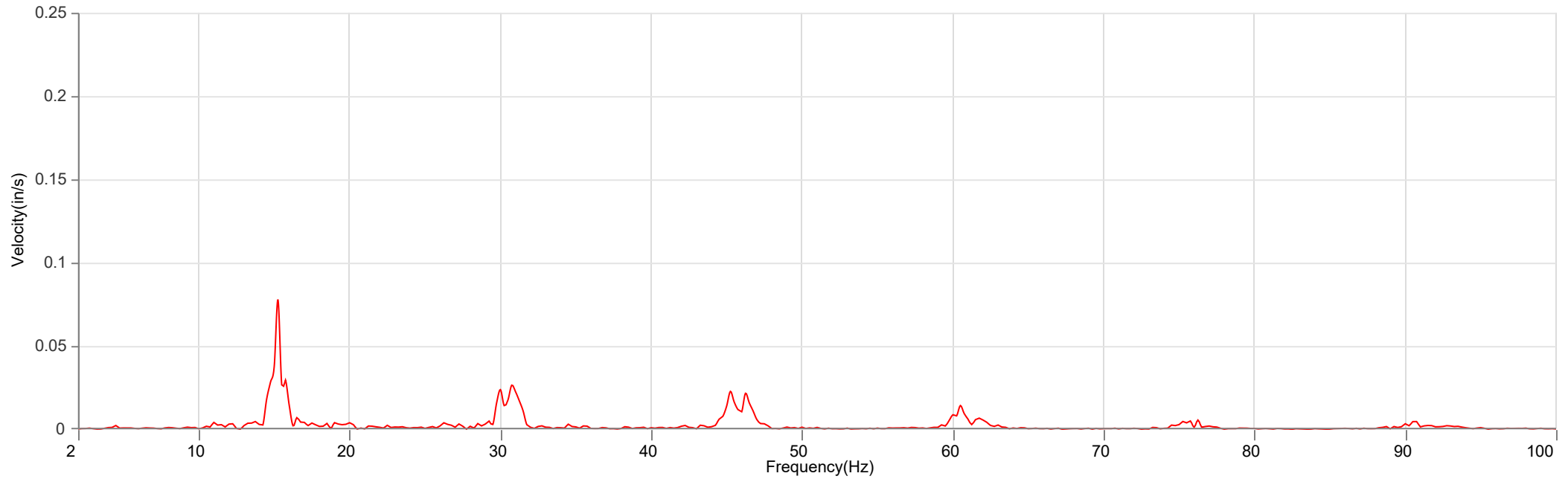
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190419142608.IDFW

Notes
Location
Client
Company
General Notes

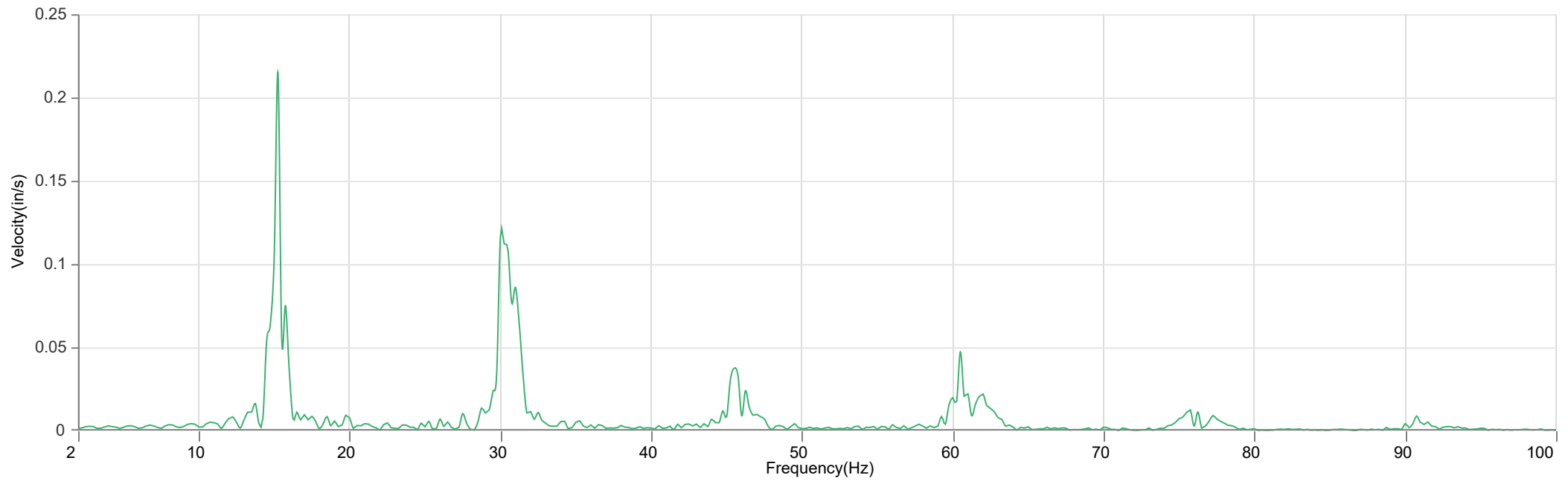
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

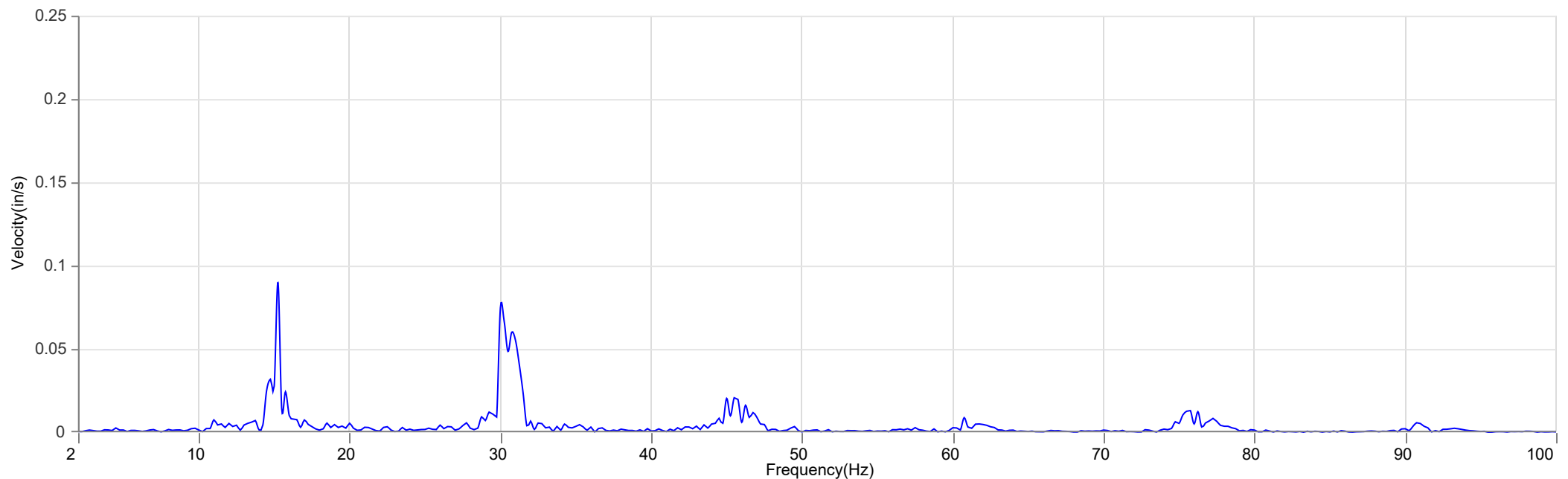
Tran - Dominant Frequency 15.2 Hz, Amplitude 0.078 in/s (Peak Particle Velocity: 0.245 in/s)



Vert - Dominant Frequency 15.2 Hz, Amplitude 0.215 in/s (Peak Particle Velocity: 0.583 in/s)



Long - Dominant Frequency 15.2 Hz, Amplitude 0.090 in/s (Peak Particle Velocity: 0.334 in/s)



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

Tran at **April 19, 2019 14:47:59**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190419144759.IDFW

Notes
 Location
 Client
 Company
 General Notes

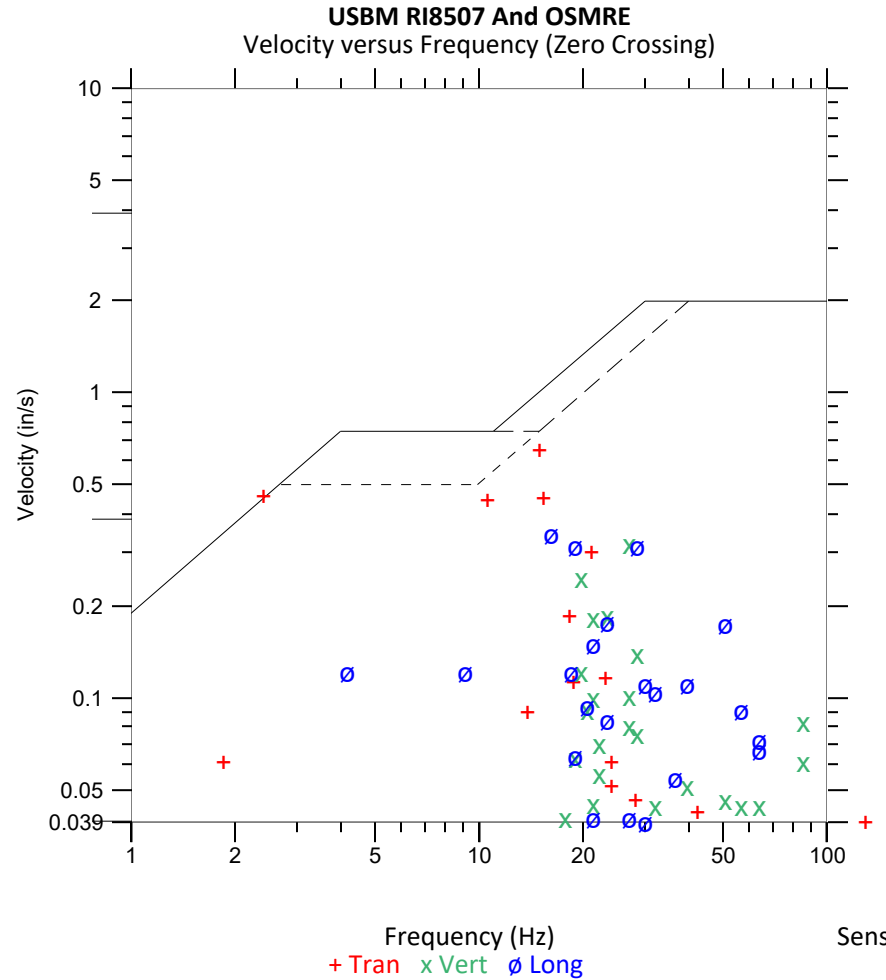
Portland ME
 Consigli
 GTR

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

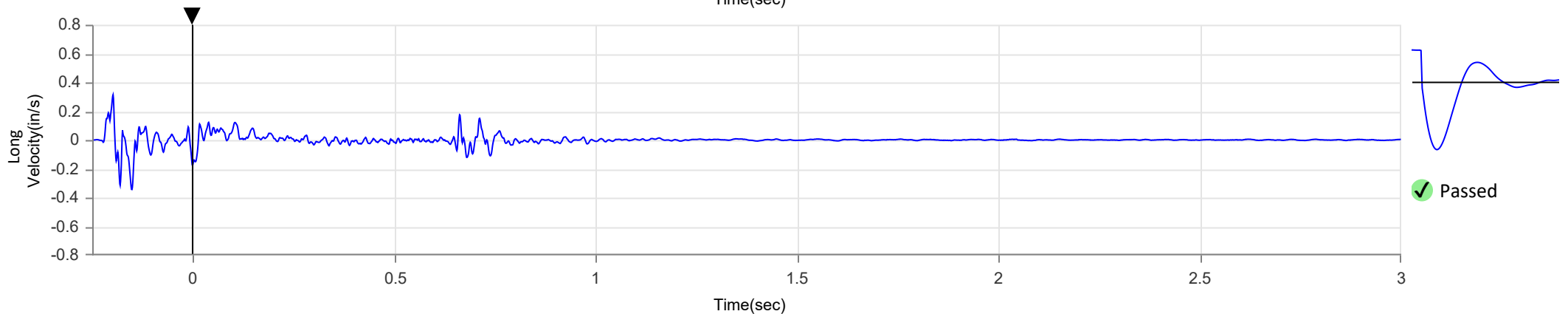
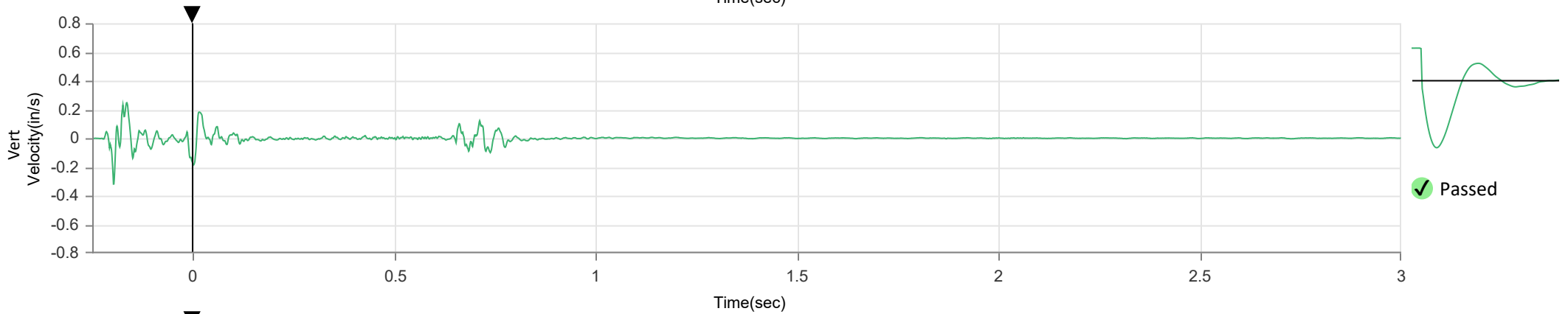
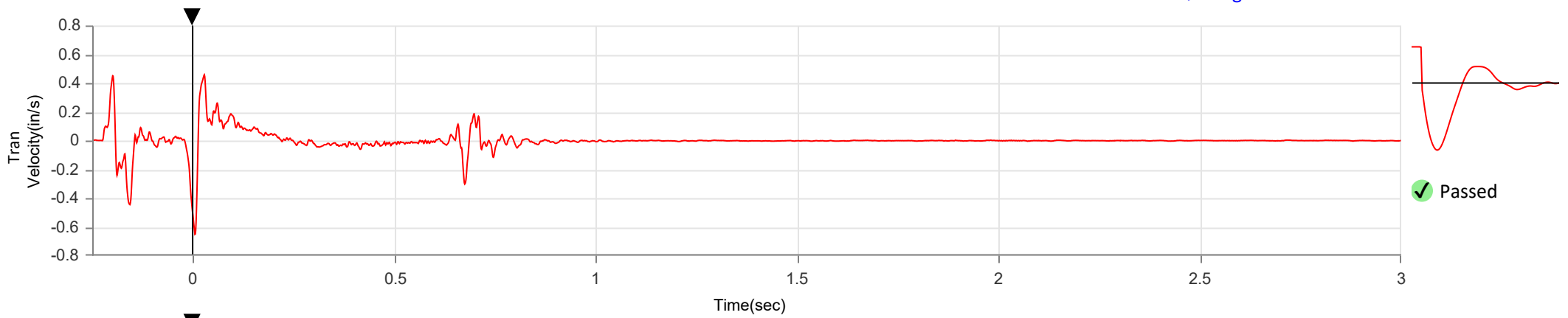
Tran	Vert	Long
0.652 in/s	0.319 in/s	0.344 in/s
15.1 Hz	26.9 Hz	16.0 Hz
0.005 sec	-0.197 sec	-0.151 sec
0.323 g	0.207 g	0.249 g
0.013 in	0.002 in	0.002 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.5 Hz
4.0	3.8	3.3

Peak Vector Sum 0.687 in/s at 0.005 sec



Sensor Check

Frequency (Hz)
 + Tran x Vert o Long



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

Tran at **April 19, 2019 14:47:59**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

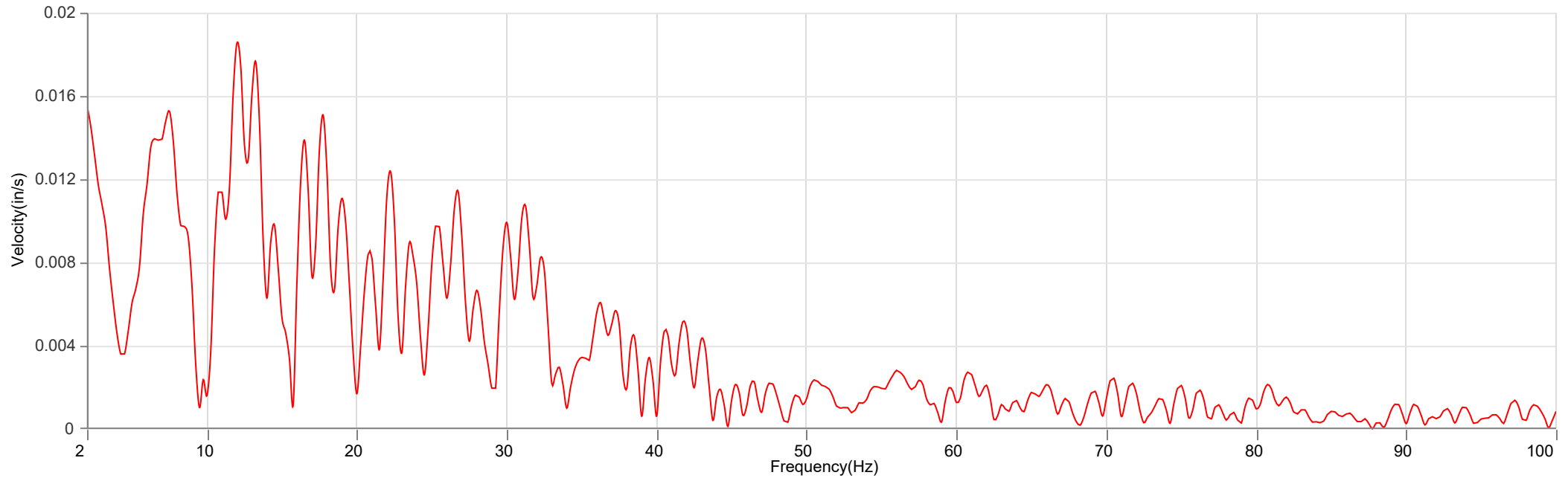
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190419144759.IDFW

Notes
Location
Client
Company
General Notes

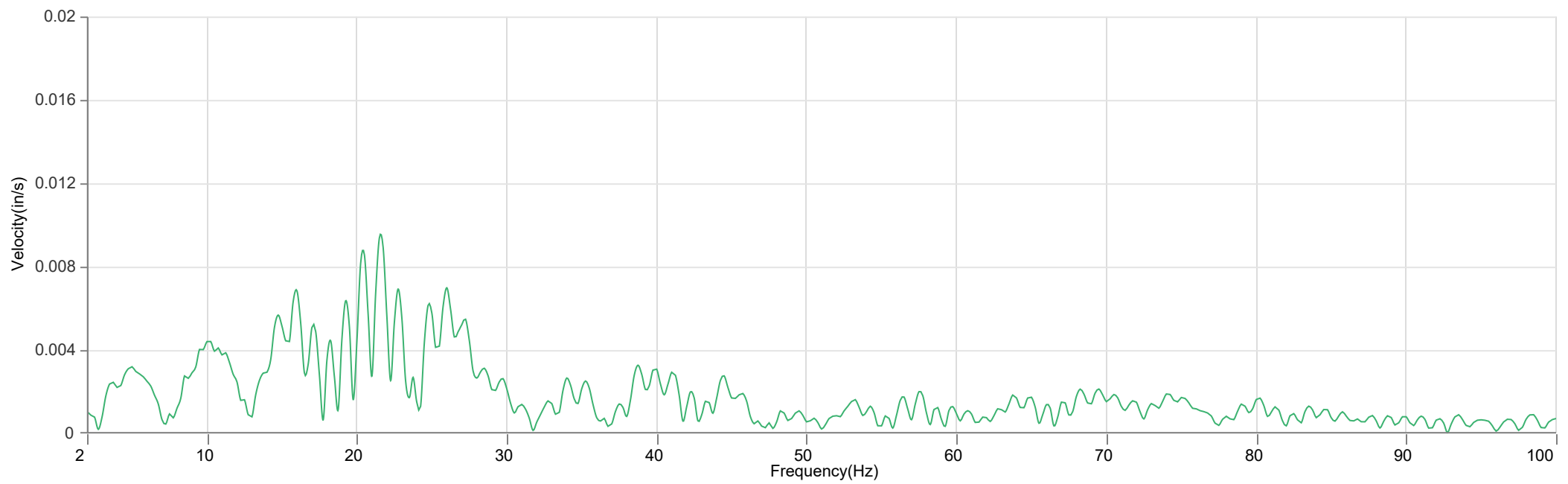
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

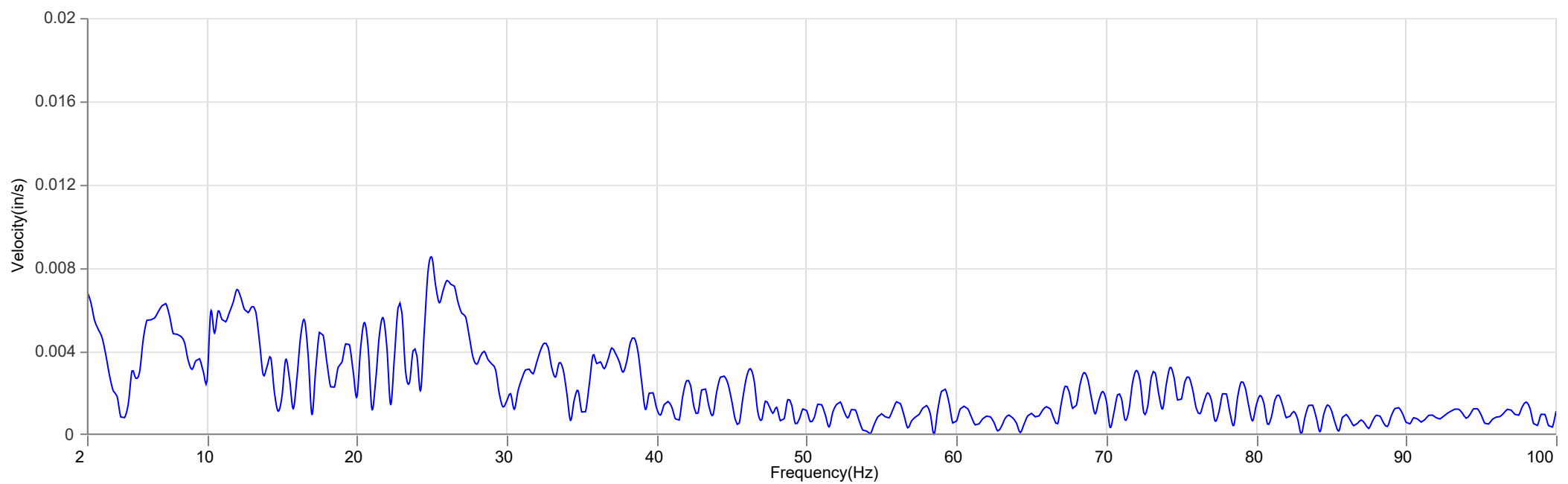
Tran - Dominant Frequency 12.0 Hz, Amplitude 0.019 in/s (Peak Particle Velocity: 0.652 in/s)



Vert - Dominant Frequency 21.5 Hz, Amplitude 0.009 in/s (Peak Particle Velocity: 0.319 in/s)



Long - Dominant Frequency 25.0 Hz, Amplitude 0.009 in/s (Peak Particle Velocity: 0.344 in/s)



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

Long at **April 23, 2019 11:25:37**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190423112537.IDFW

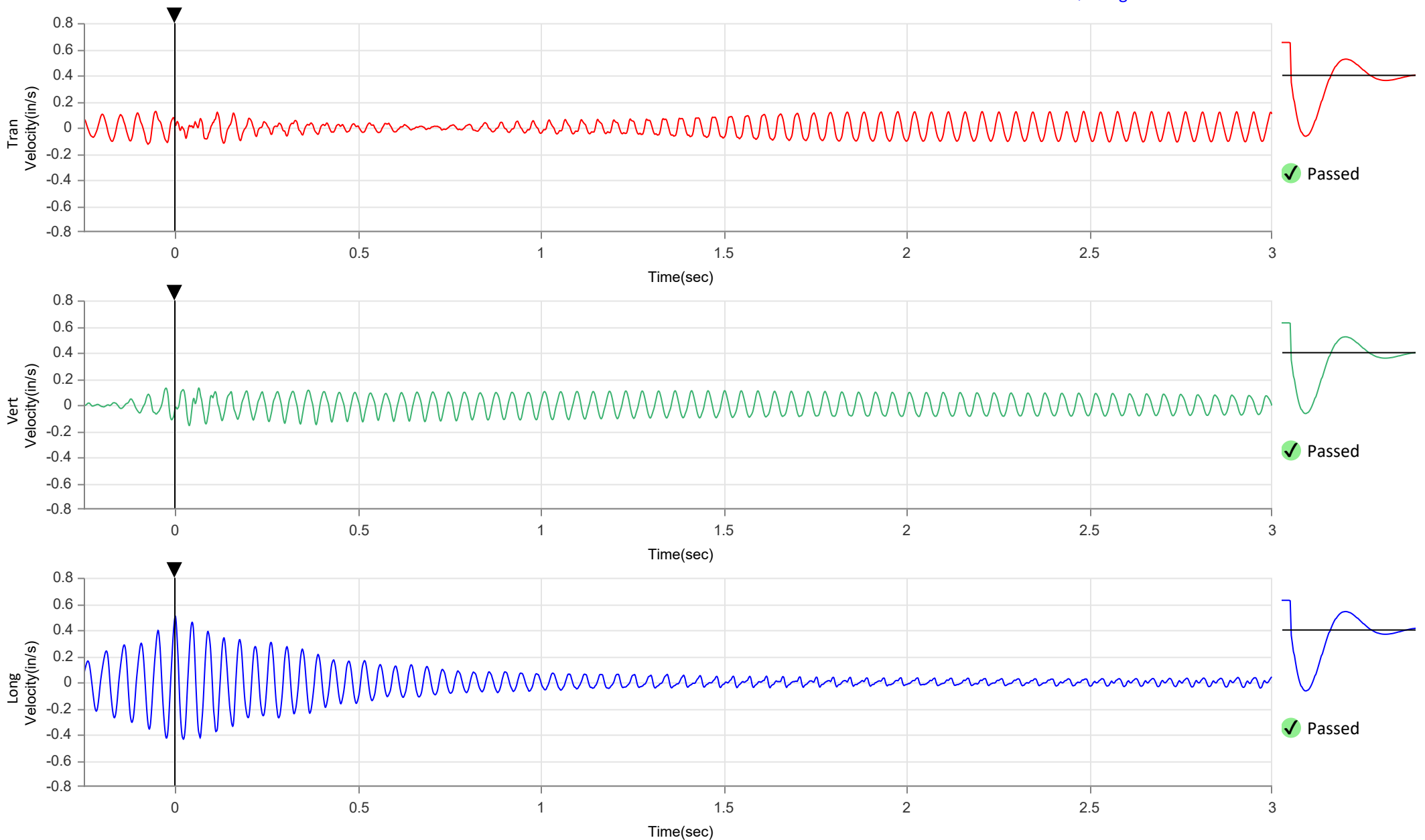
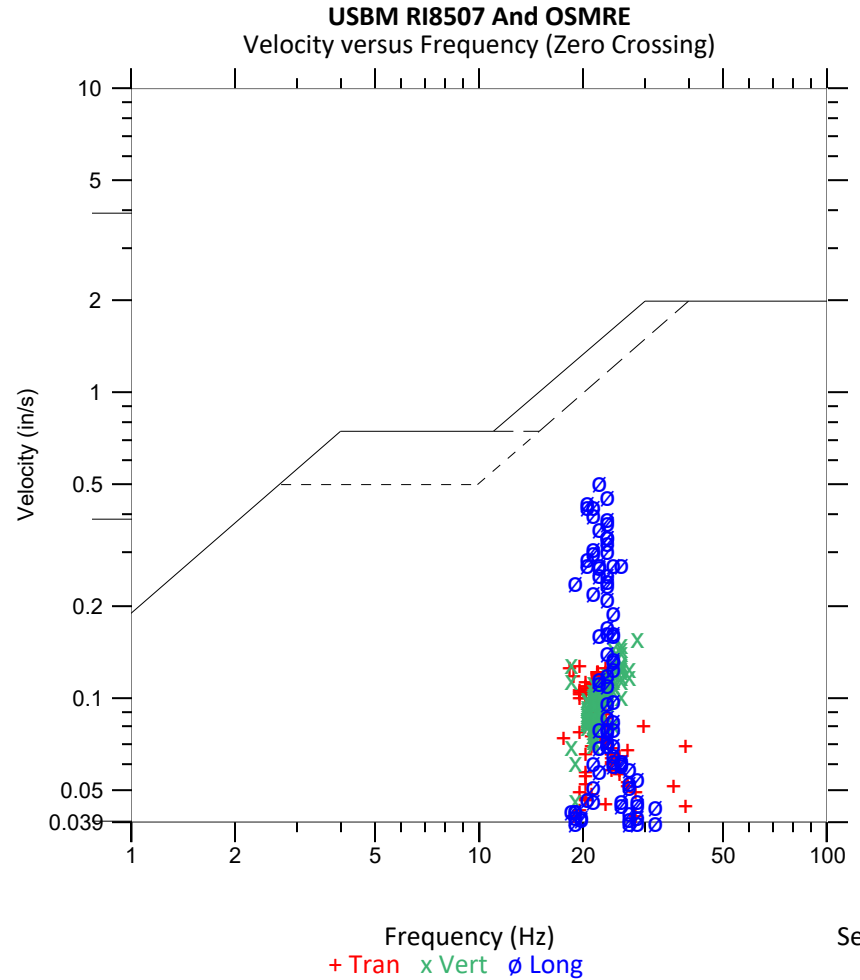
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.127 in/s	0.157 in/s	0.507 in/s
Zero Crossing Frequency	19.7 Hz	28.4 Hz	22.3 Hz
Time (Relative to Trigger)	-0.074 sec	0.038 sec	0.000 sec
Peak Acceleration	0.075 g	0.084 g	0.202 g
Peak Displacement	0.001 in	0.001 in	0.004 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	6.7 Hz	6.7 Hz	6.9 Hz
Overswing Ratio	3.7	3.8	3.2

Peak Vector Sum 0.509 in/s at 0.000 sec



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

Long at **April 23, 2019 11:25:37**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

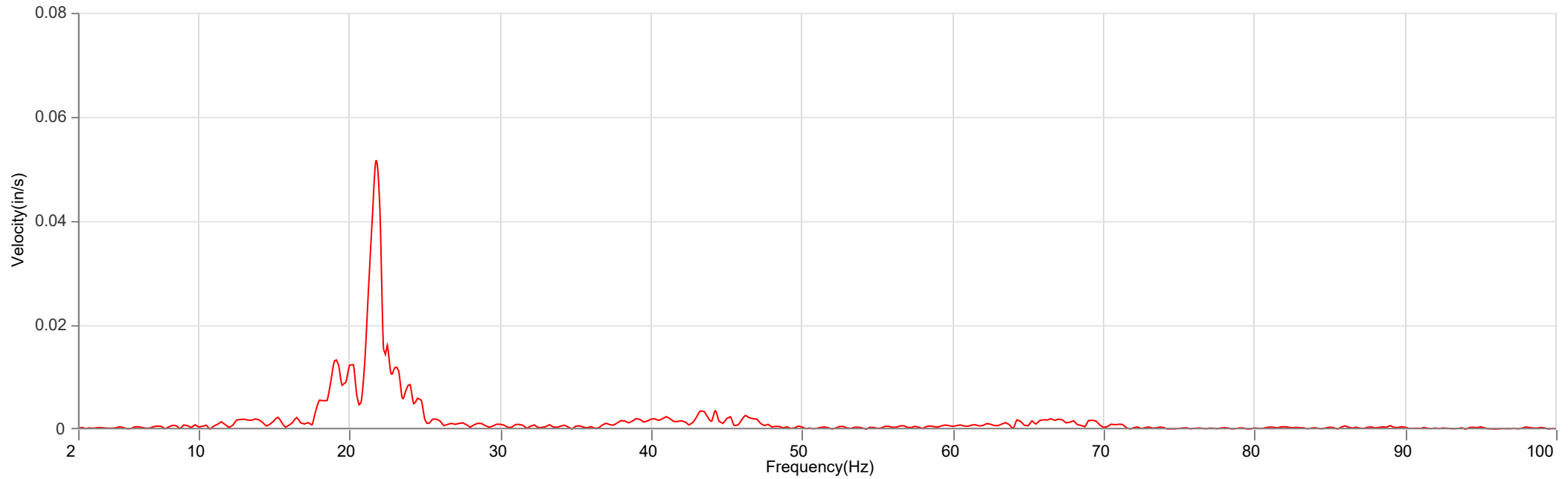
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190423112537.IDFW

Notes
Location
Client
Company
General Notes

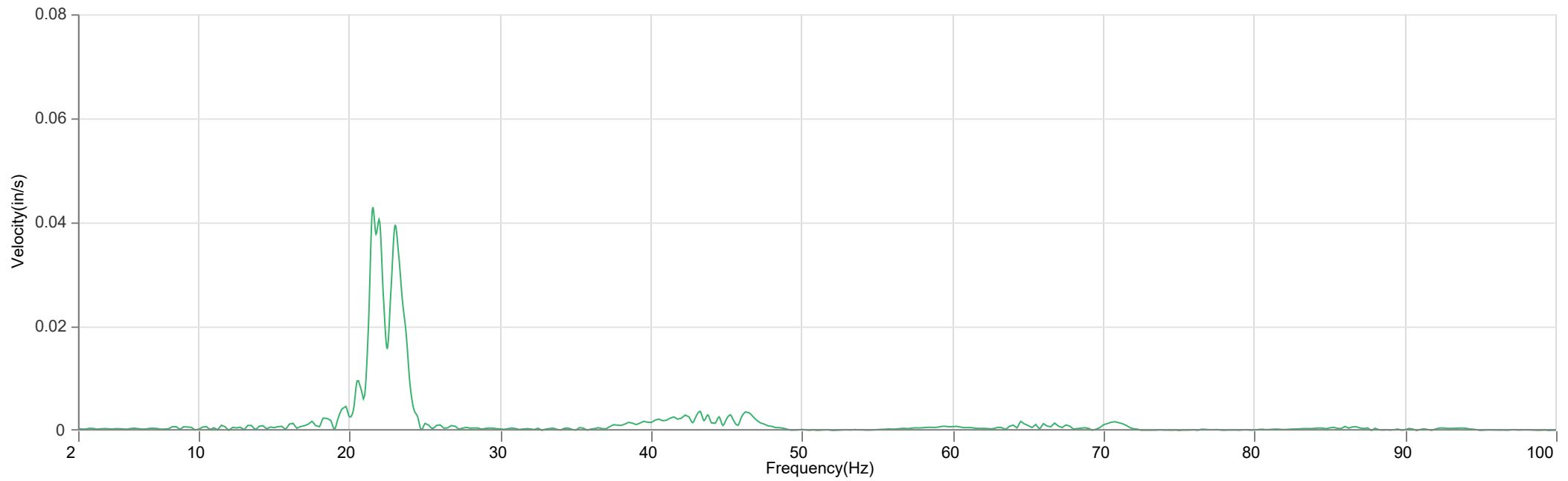
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

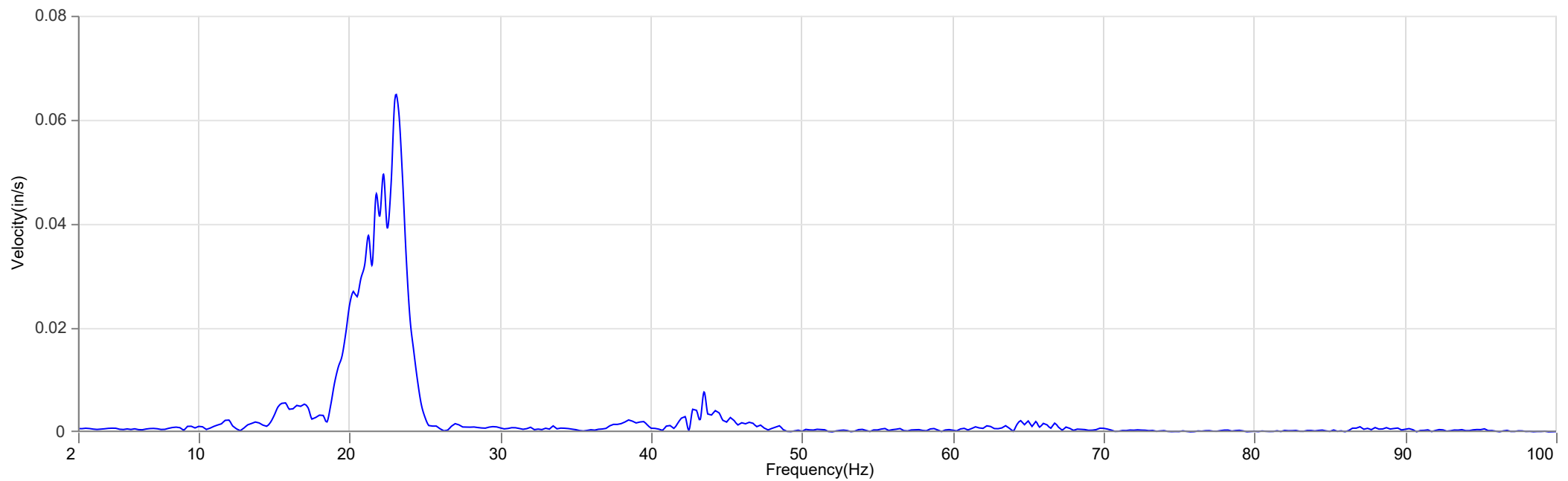
Tran - Dominant Frequency 21.8 Hz, Amplitude 0.052 in/s (Peak Particle Velocity: 0.127 in/s)



Vert - Dominant Frequency 21.5 Hz, Amplitude 0.042 in/s (Peak Particle Velocity: 0.157 in/s)



Long - Dominant Frequency 23.0 Hz, Amplitude 0.064 in/s (Peak Particle Velocity: 0.507 in/s)



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

Tran at **May 13, 2019 08:46:12**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190513084612.IDFW

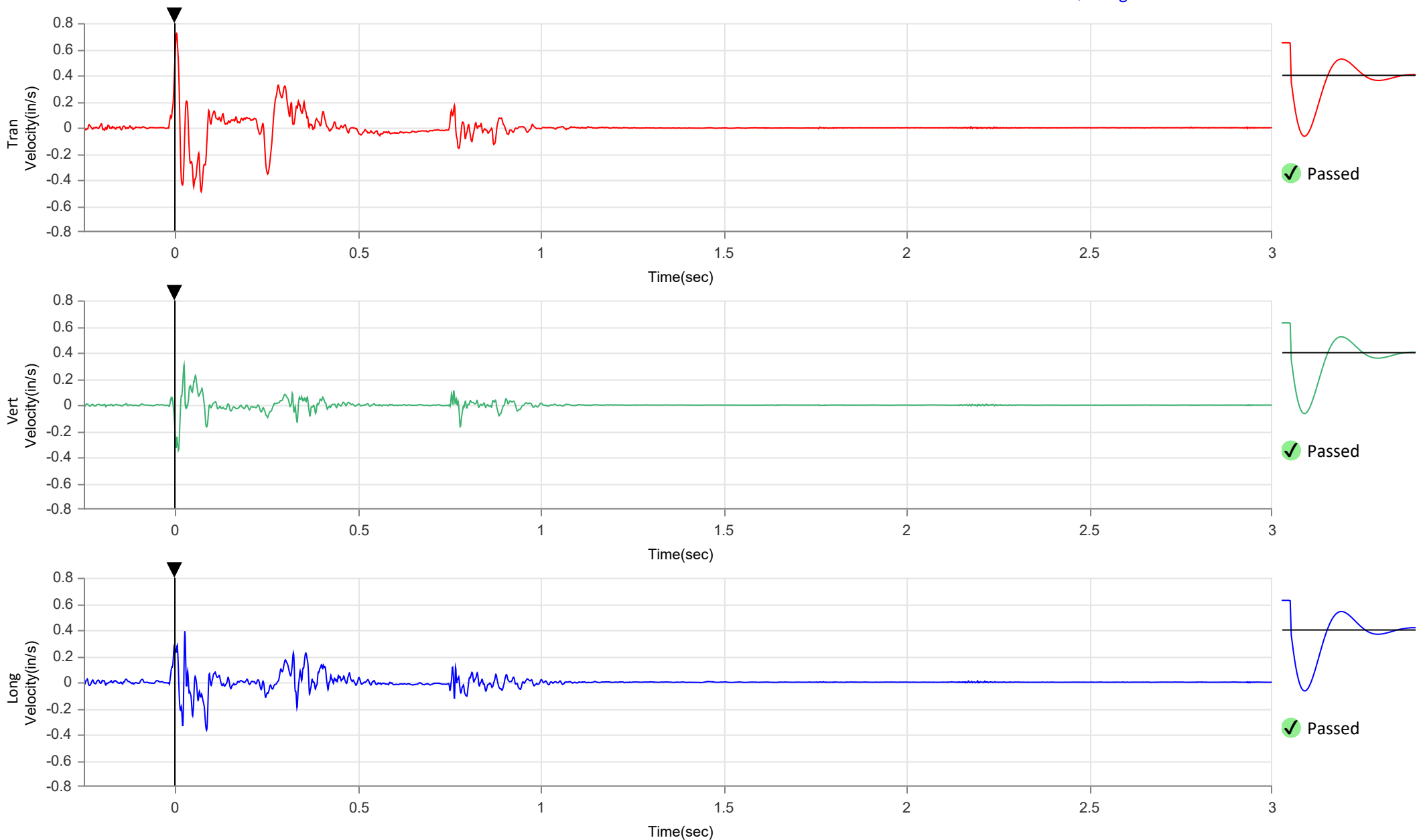
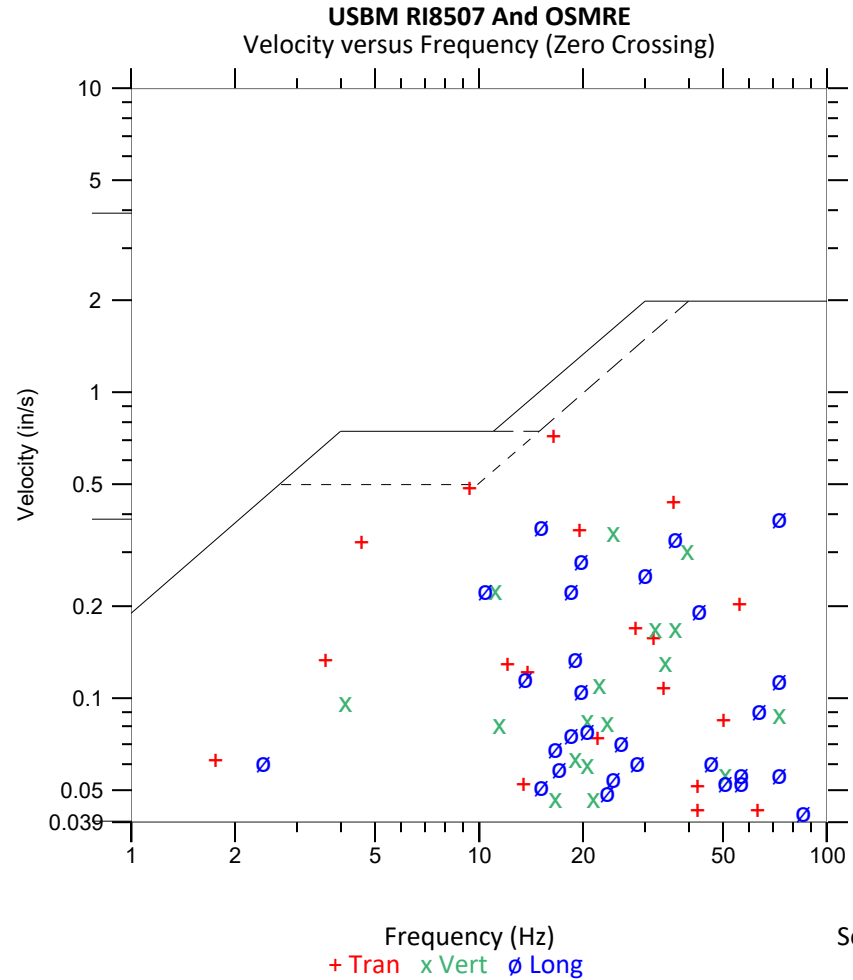
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.721 in/s	0.348 in/s	0.389 in/s
Zero Crossing Frequency	16.5 Hz	24.4 Hz	73.1 Hz
Time (Relative to Trigger)	0.004 sec	0.009 sec	0.026 sec
Peak Acceleration	0.373 g	0.344 g	0.473 g
Peak Displacement	0.009 in	0.003 in	0.003 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.7	3.8	3.2

Peak Vector Sum 0.815 in/s at 0.003 sec



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

Tran at **May 13, 2019 08:46:12**
Geo 0.500 in/s
0.25 sec/3.0 sec (Fixed)
1024 sps
Operator/ME MEDICAL CENTER.mmb

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name

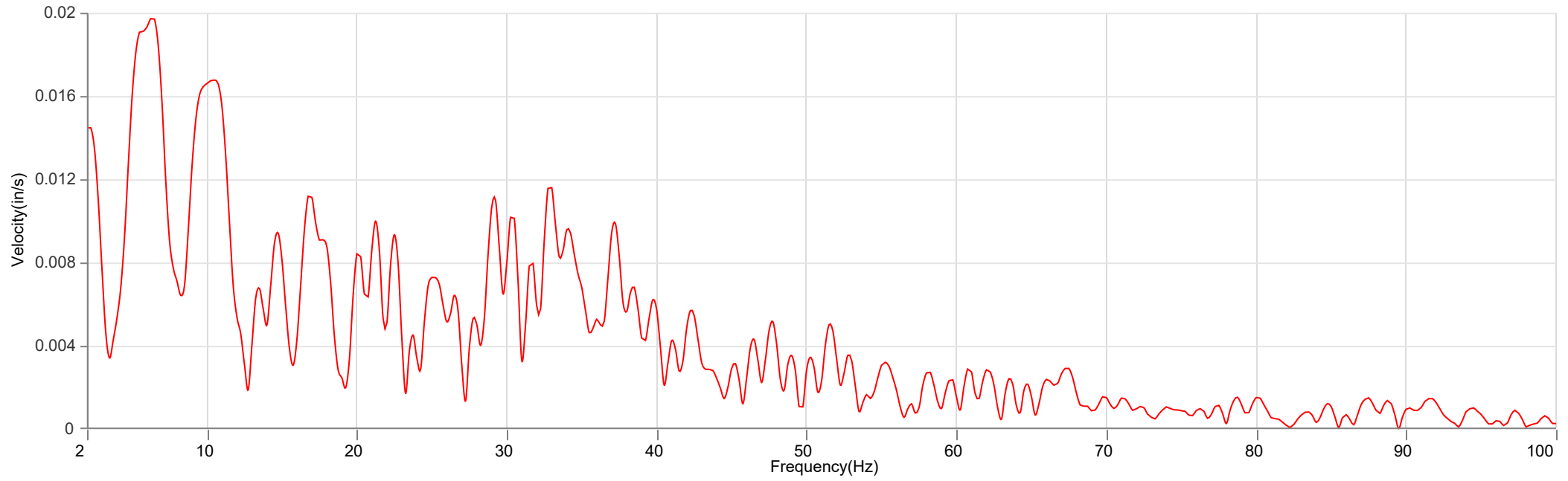
UM12588
Micromate ISEE 10.89
3.8 volts
December 7, 2018 by Instantel
UM12588_20190513084612.IDFW

Notes
Location
Client
Company
General Notes

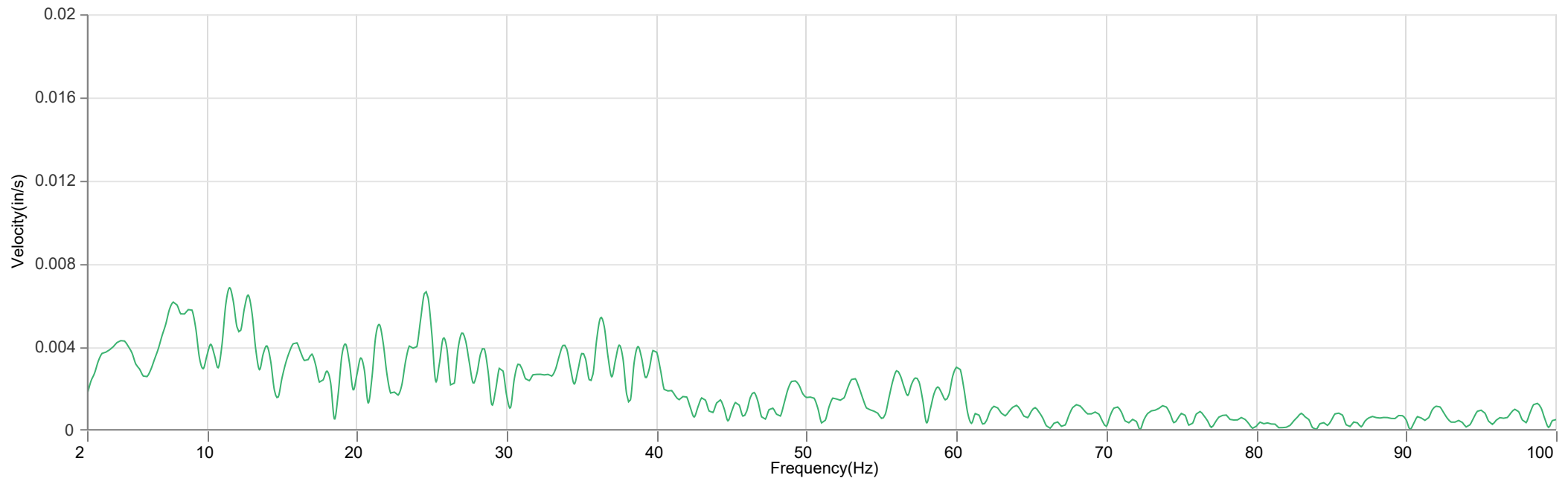
Portland ME
Consigli
GTR

Post Event Notes No text to be displayed.

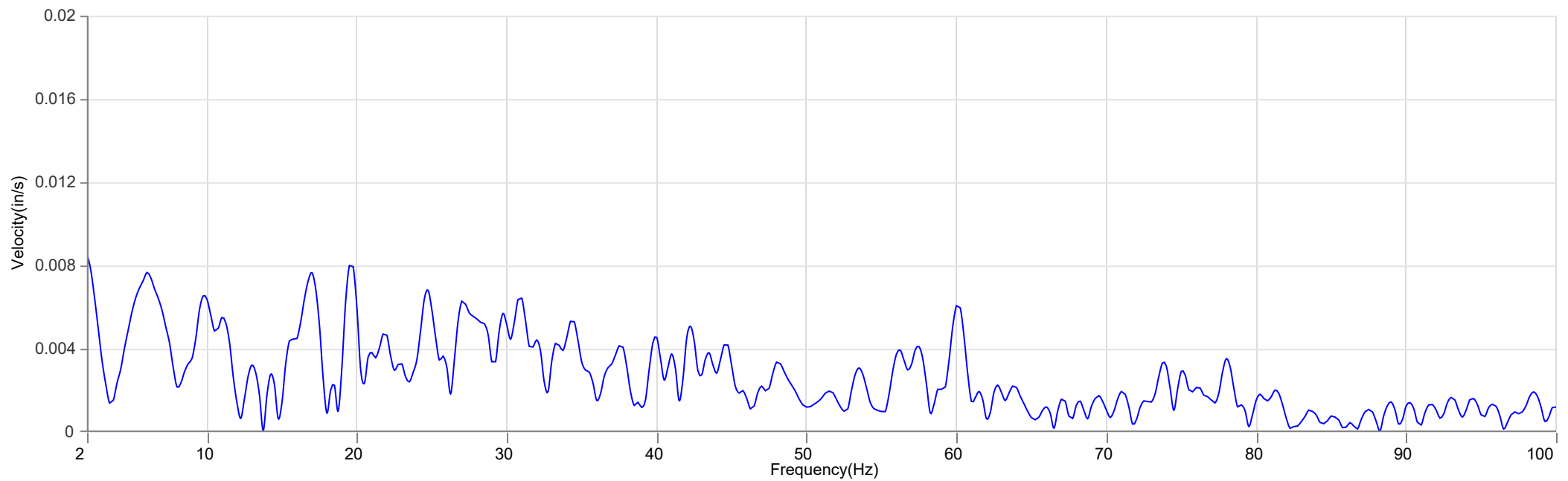
Tran - Dominant Frequency 6.2 Hz, Amplitude 0.020 in/s (Peak Particle Velocity: 0.721 in/s)



Vert - Dominant Frequency 11.5 Hz, Amplitude 0.007 in/s (Peak Particle Velocity: 0.348 in/s)



Long - Dominant Frequency 2.0 Hz, Amplitude 0.009 in/s (Peak Particle Velocity: 0.389 in/s)



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

Tran at **May 20, 2019 07:45:20**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190520074520.IDFW

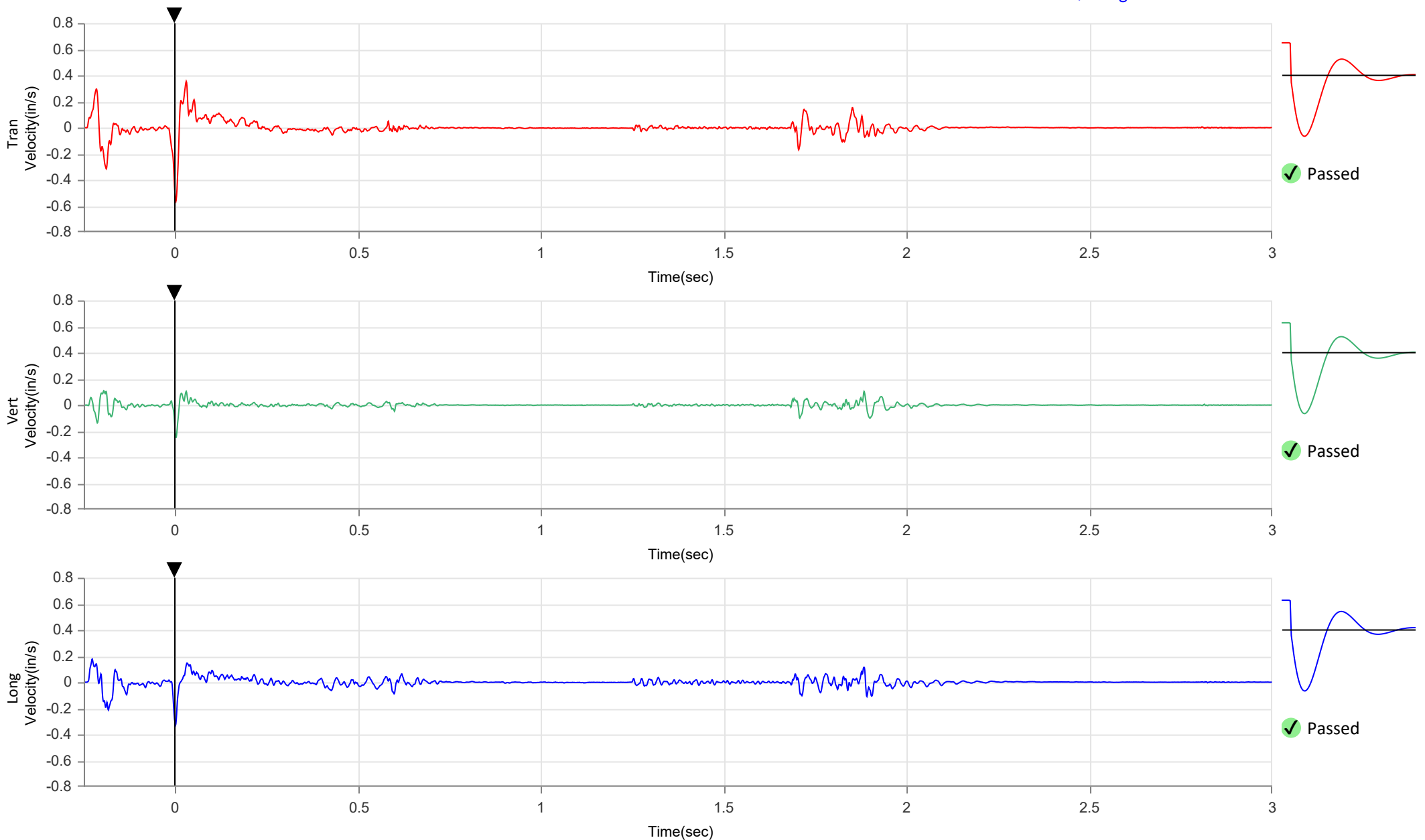
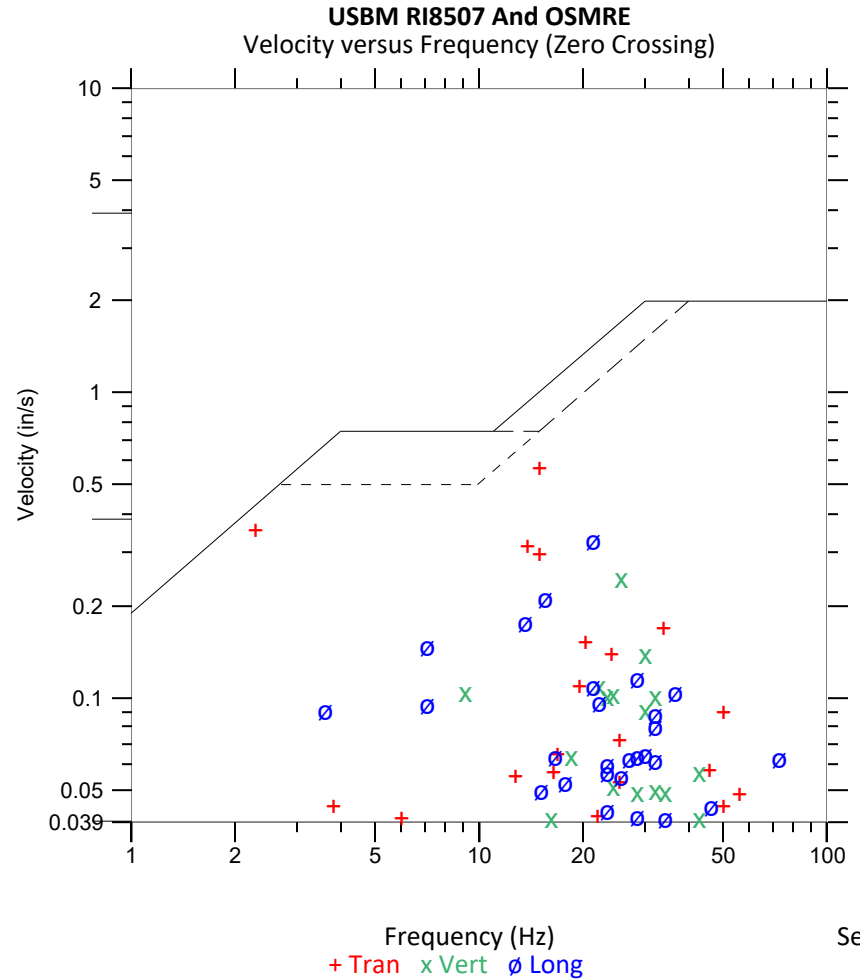
Notes
 Location
 Client
 Company
 General Notes

Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.564 in/s	0.248 in/s	0.329 in/s
Zero Crossing Frequency	15.1 Hz	25.6 Hz	21.3 Hz
Time (Relative to Trigger)	0.002 sec	0.002 sec	0.001 sec
Peak Acceleration	0.245 g	0.115 g	0.137 g
Peak Displacement	0.009 in	0.001 in	0.003 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	3.7	3.7	3.2

Peak Vector Sum 0.694 in/s at 0.002 sec



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

Tran at **May 20, 2019 07:45:20**
 Geo 0.500 in/s
 0.25 sec/3.0 sec (Fixed)
 1024 sps
 Operator/ME MEDICAL CENTER.mmb

Serial Number
 Model Number
 Battery Level
 Unit Calibration
 Event File Name

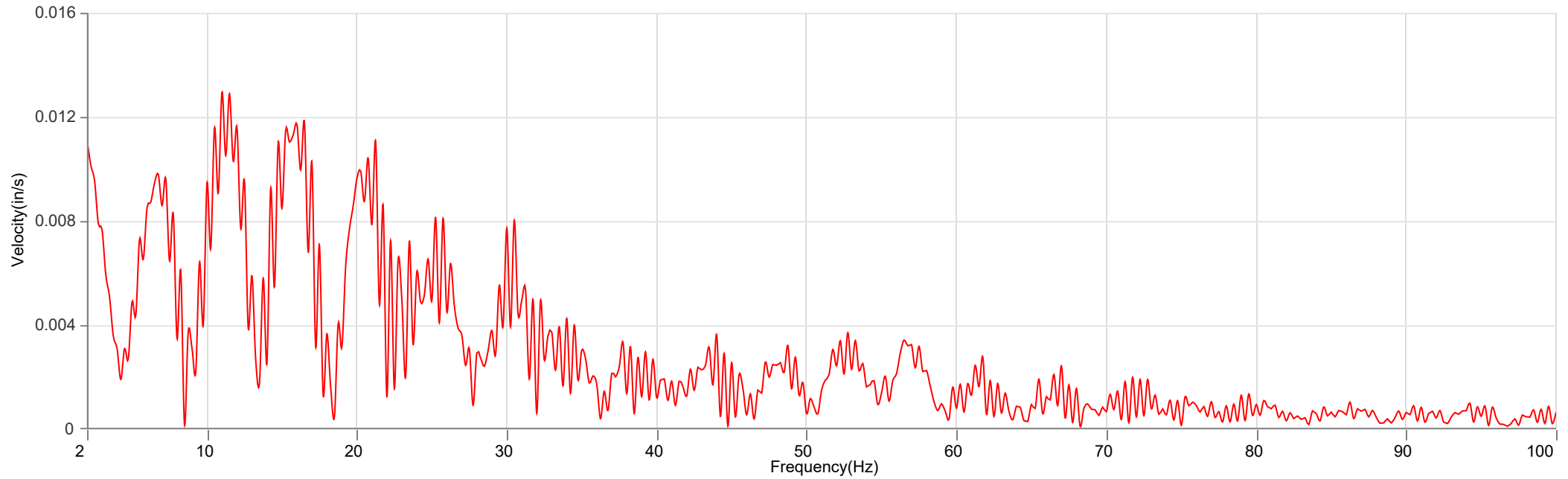
UM12588
 Micromate ISEE 10.89
 3.8 volts
 December 7, 2018 by Instantel
 UM12588_20190520074520.IDFW

Notes
 Location
 Client
 Company
 General Notes

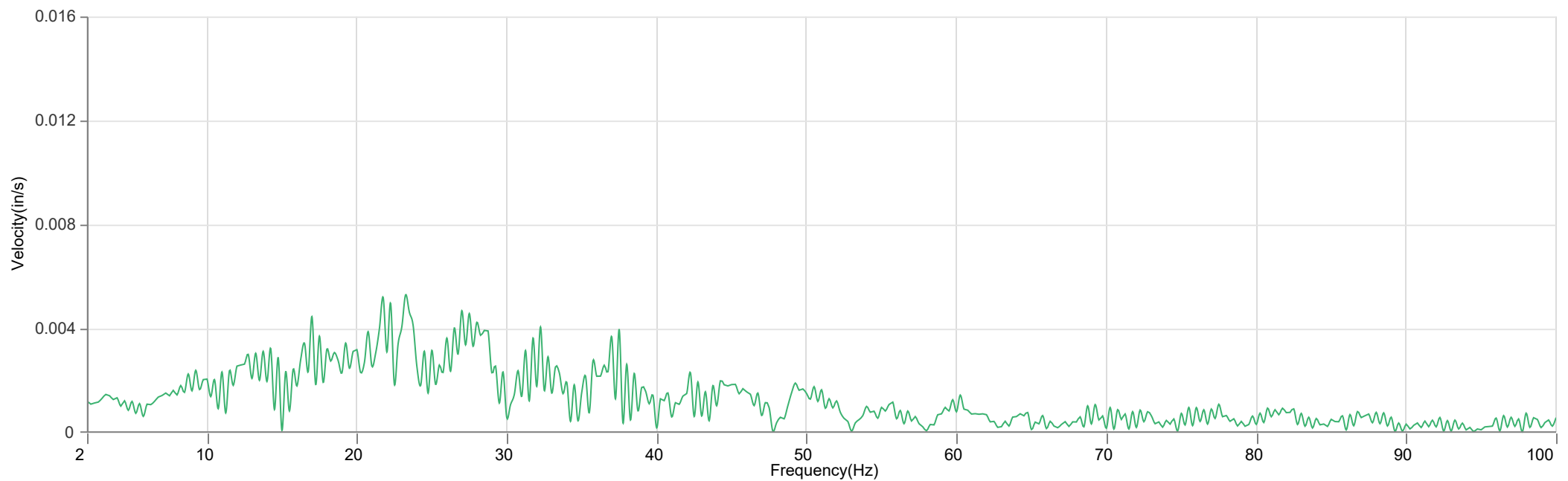
Portland ME
 Consigli
 GTR

Post Event Notes No text to be displayed.

Tran - Dominant Frequency 11.0 Hz, Amplitude 0.013 in/s (Peak Particle Velocity: 0.564 in/s)



Vert - Dominant Frequency 23.2 Hz, Amplitude 0.005 in/s (Peak Particle Velocity: 0.248 in/s)



Long - Dominant Frequency 21.5 Hz, Amplitude 0.009 in/s (Peak Particle Velocity: 0.329 in/s)

