

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

Tran at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 1.mmb
Operator

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

UM20084
Micromate ISEE 11.0CB
3.8 volts
December 31, 2025 by Instantel
UM20084_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 1
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49572 W98.21577
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
0.0732 in/s
68.3 Hz
0.348 sec
0.102 g
0.000 in
Passed
7.3 Hz
4.4

Vert
0.0428 in/s
93.1 Hz
0.235 sec
0.069 g
0.000 in
Passed
7.3 Hz
4.9

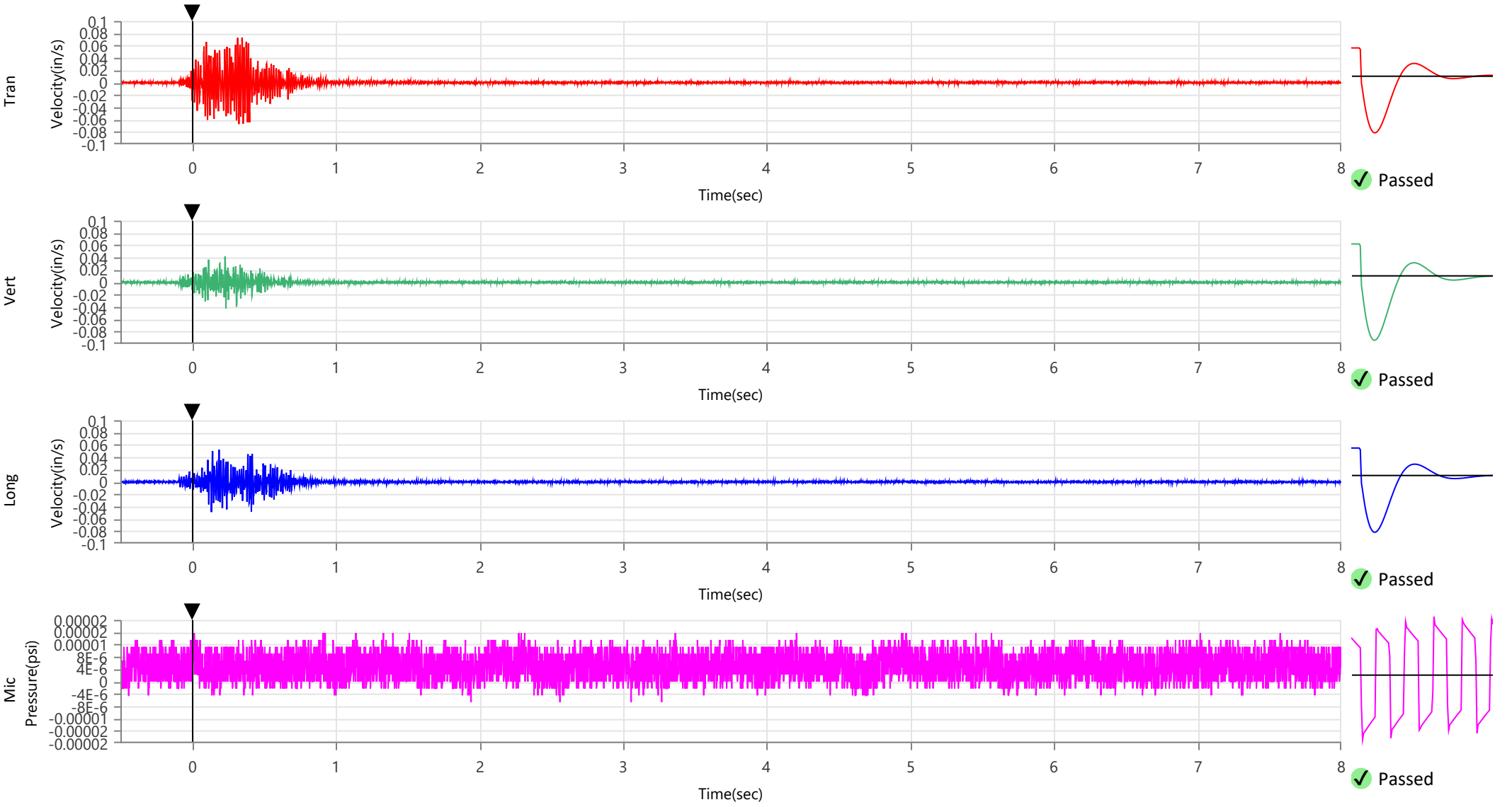
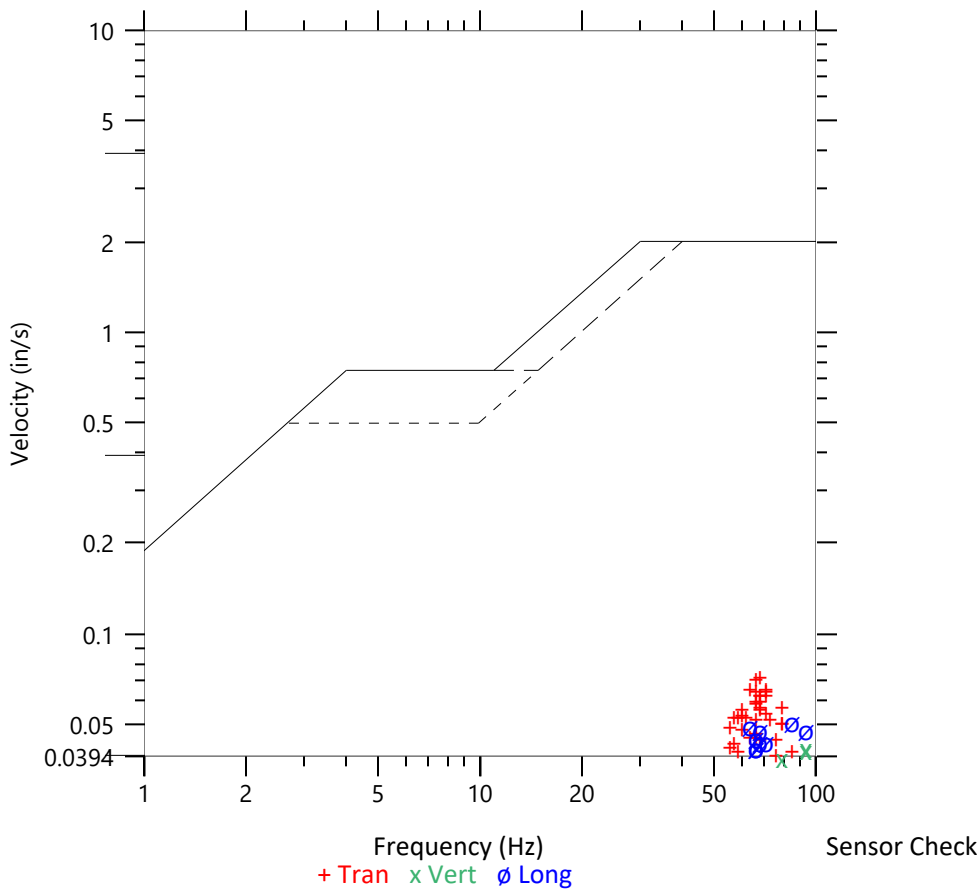
Long
0.0521 in/s
85.3 Hz
0.188 sec
0.079 g
0.000 in
Passed
7.3 Hz
5.0

Peak Vector Sum 0.0757 in/s at 0.348 sec

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

<0.000073 psi
<88 dB(L)
0.014 sec
38.6 Hz
Passed
19.7 Hz
1136 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source
Trigger Level(s)
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Operator

Tran at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 1.mmb
Operator

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

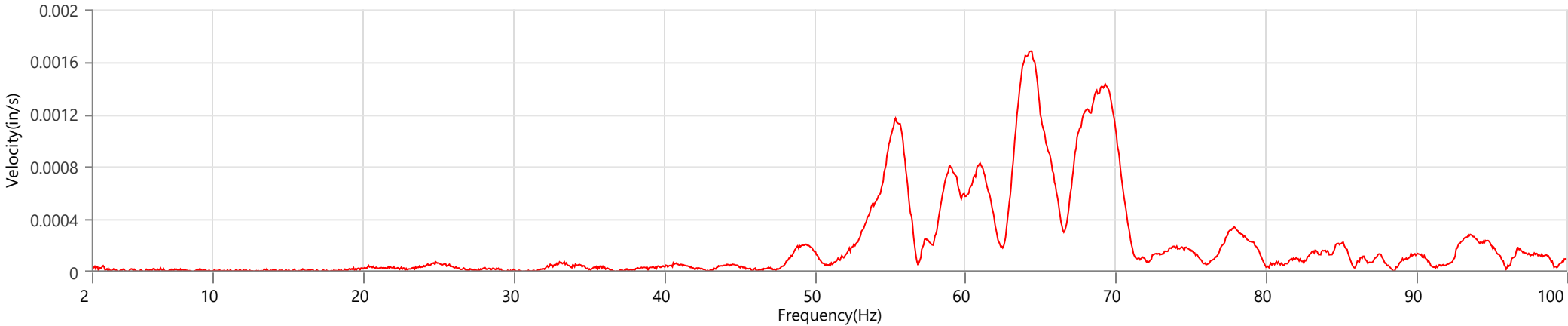
UM20084
Micromate ISEE 11.0CB
3.8 volts
December 31, 2025 by Instantel
UM20084_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

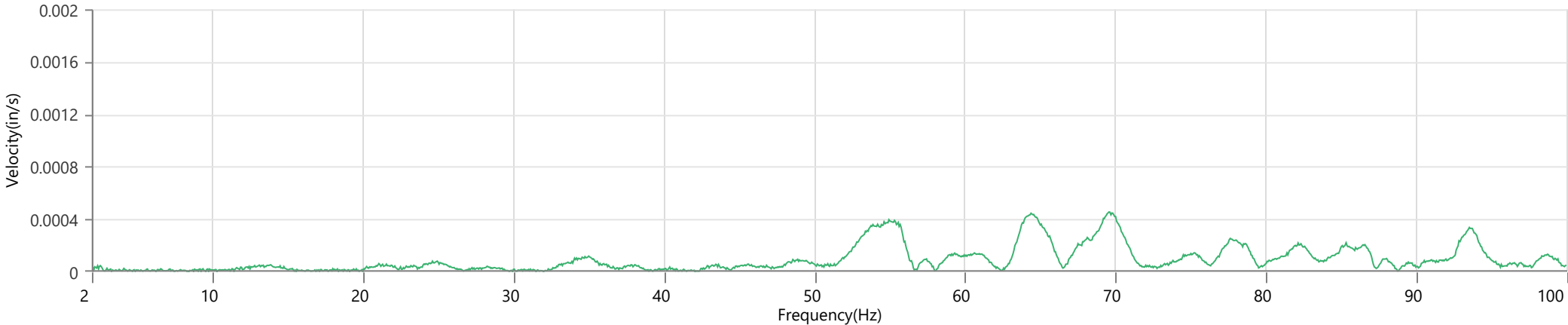
Station 1
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49572 W98.21577
Post Event Notes No text to be displayed.

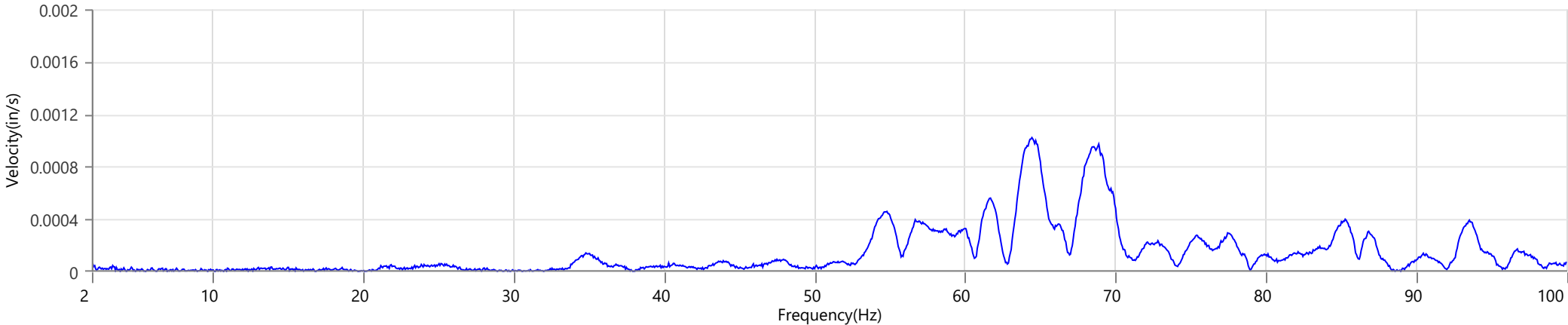
Tran - Dominant Frequency 64.4 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.0732 in/s)



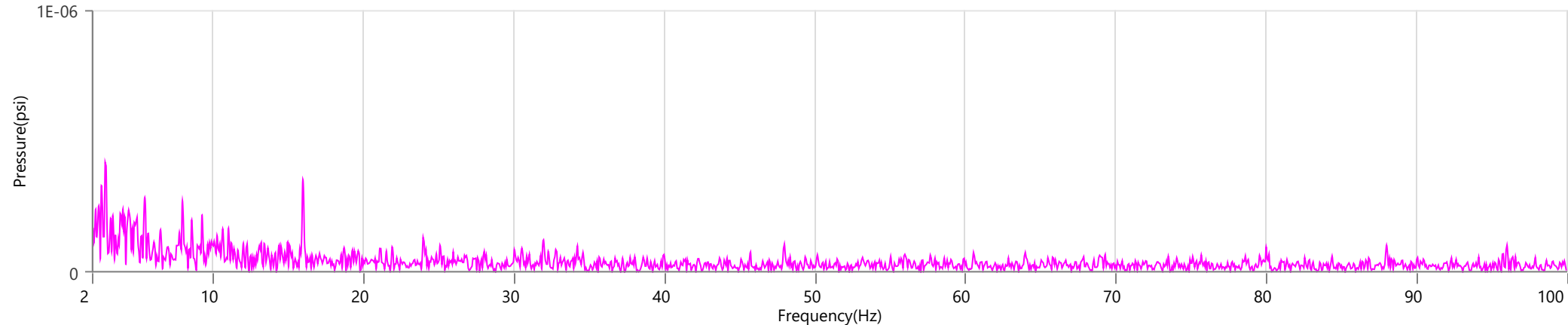
Vert - Dominant Frequency 69.6 Hz, Amplitude 0.0005 in/s (Peak Particle Velocity: 0.0428 in/s)



Long - Dominant Frequency 64.4 Hz, Amplitude 0.0010 in/s (Peak Particle Velocity: 0.0521 in/s)



Mic - Dominant Frequency 2.9 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000016 psi)



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

Vert at September 10, 2026 12:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 2.mmb
Operator

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

UM21416
Micromate ISEE 11.0CB
3.8 volts
May 5, 2026 by Instantel
UM21416_20260910122816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

Extended Note N30.49650 W-98.21572
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

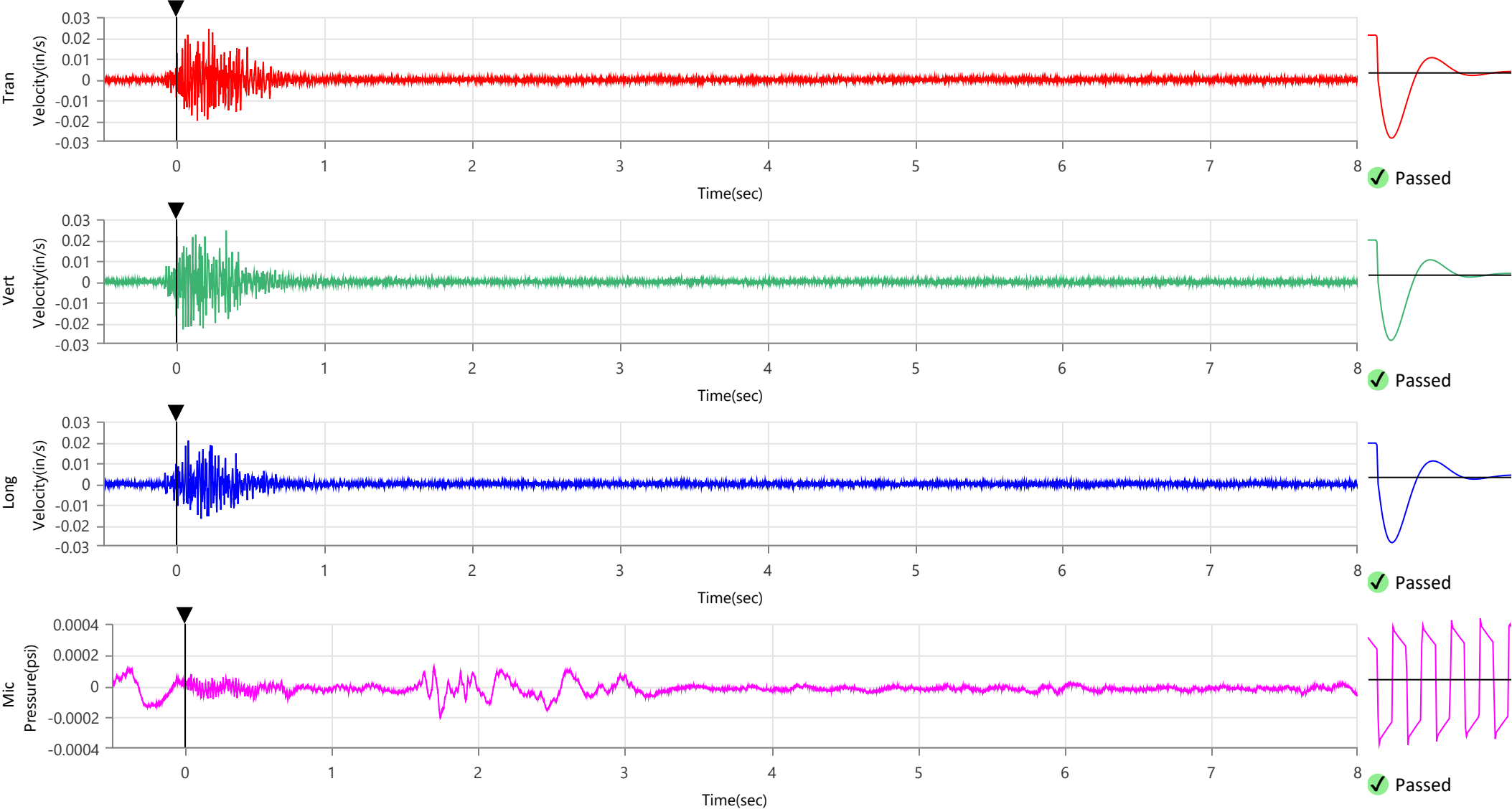
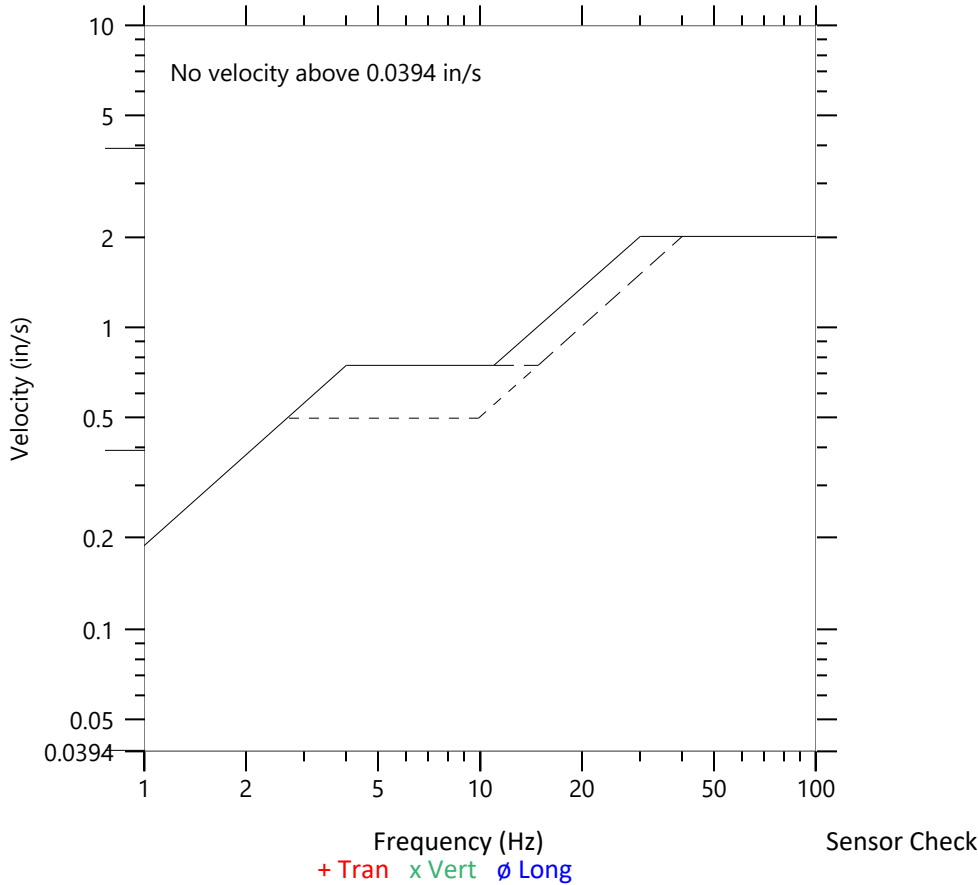
Tran	Vert	Long
0.0242 in/s	0.0245 in/s	0.0208 in/s
93.1 Hz	73.1 Hz	85.3 Hz
0.216 sec	0.333 sec	0.076 sec
0.056 g	0.049 g	0.049 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.3 Hz
4.2	4.2	3.9

Peak Vector Sum 0.0295 in/s at 0.076 sec

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000205 psi
97.0 dB(L)
1.740 sec
7.2 Hz
✓ Passed
19.7 Hz
1156 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



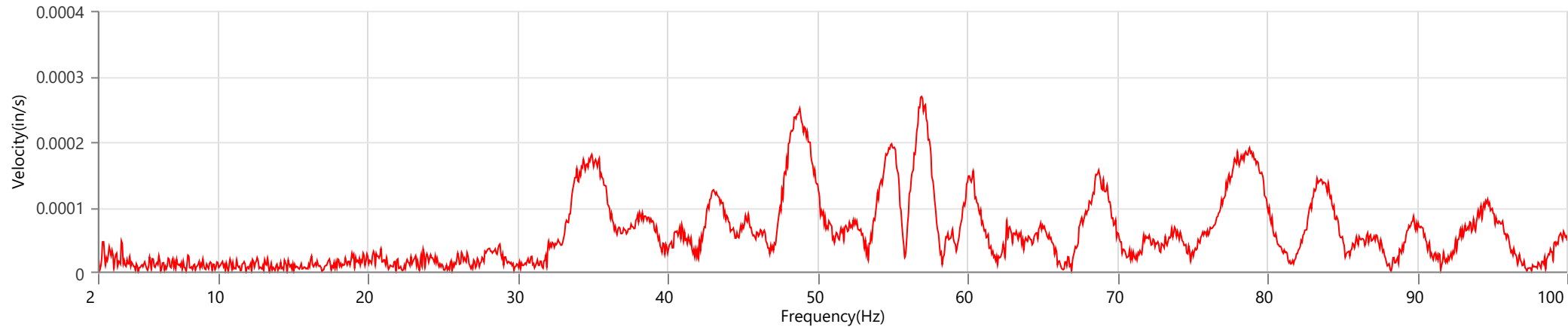
Waveform Trigger Source	Vert at September 10, 2026 12:28:16	Serial Number	UM21416
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0CB
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	May 5, 2026 by Instantel
Sample Rate	4096 sps	Event File Name	UM21416_20260910122816.IDFW
Setup File Name	Spicewood Hwy 71 - Station 2.mmb	USB Sensor Support	Disabled
Operator	Operator		

Notes	
Location	Station 2
Client	Spicewood Crushed Stone
Company	Hwy 71
General Notes	IGS, Inc

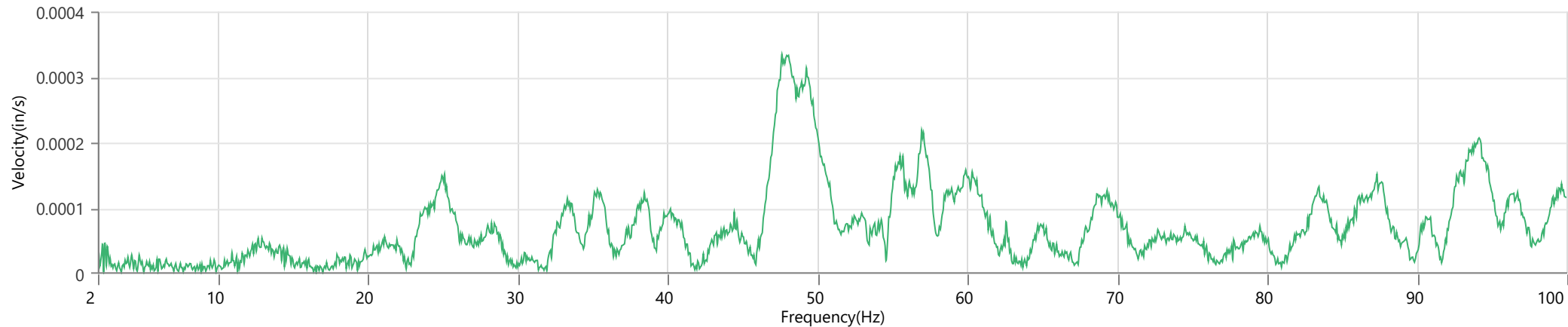
Extended Note N30.49650 W-98.21572

Post Event Notes No text to be displayed.

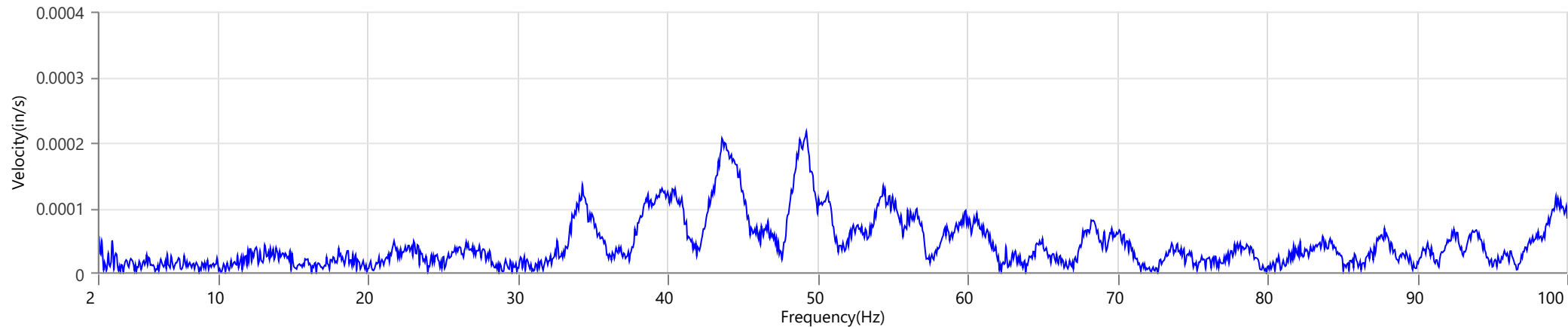
Tran - Dominant Frequency 56.9 Hz, Amplitude 0.0003 in/s (Peak Particle Velocity: 0.0242 in/s)



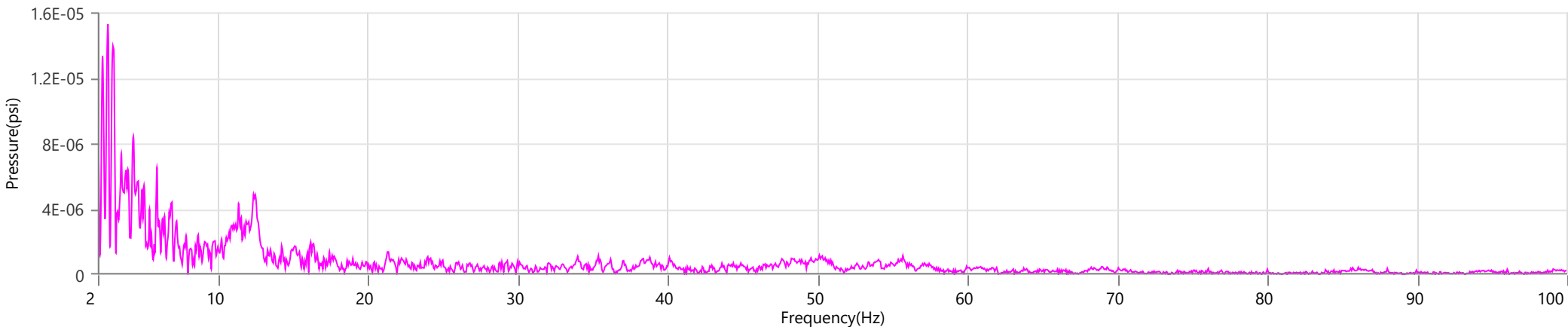
Vert - Dominant Frequency 47.6 Hz, Amplitude 0.0003 in/s (Peak Particle Velocity: 0.0245 in/s)



Long - Dominant Frequency 49.2 Hz, Amplitude 0.0002 in/s (Peak Particle Velocity: 0.0208 in/s)



Mic - Dominant Frequency 2.7 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000205 psi)



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

Vert at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 3.mmb
Operator

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

UM6512
Micromate ISEE 11.0CB
3.8 volts
December 20, 2025 by Instantel
UM6512_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49742 W98.21566
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

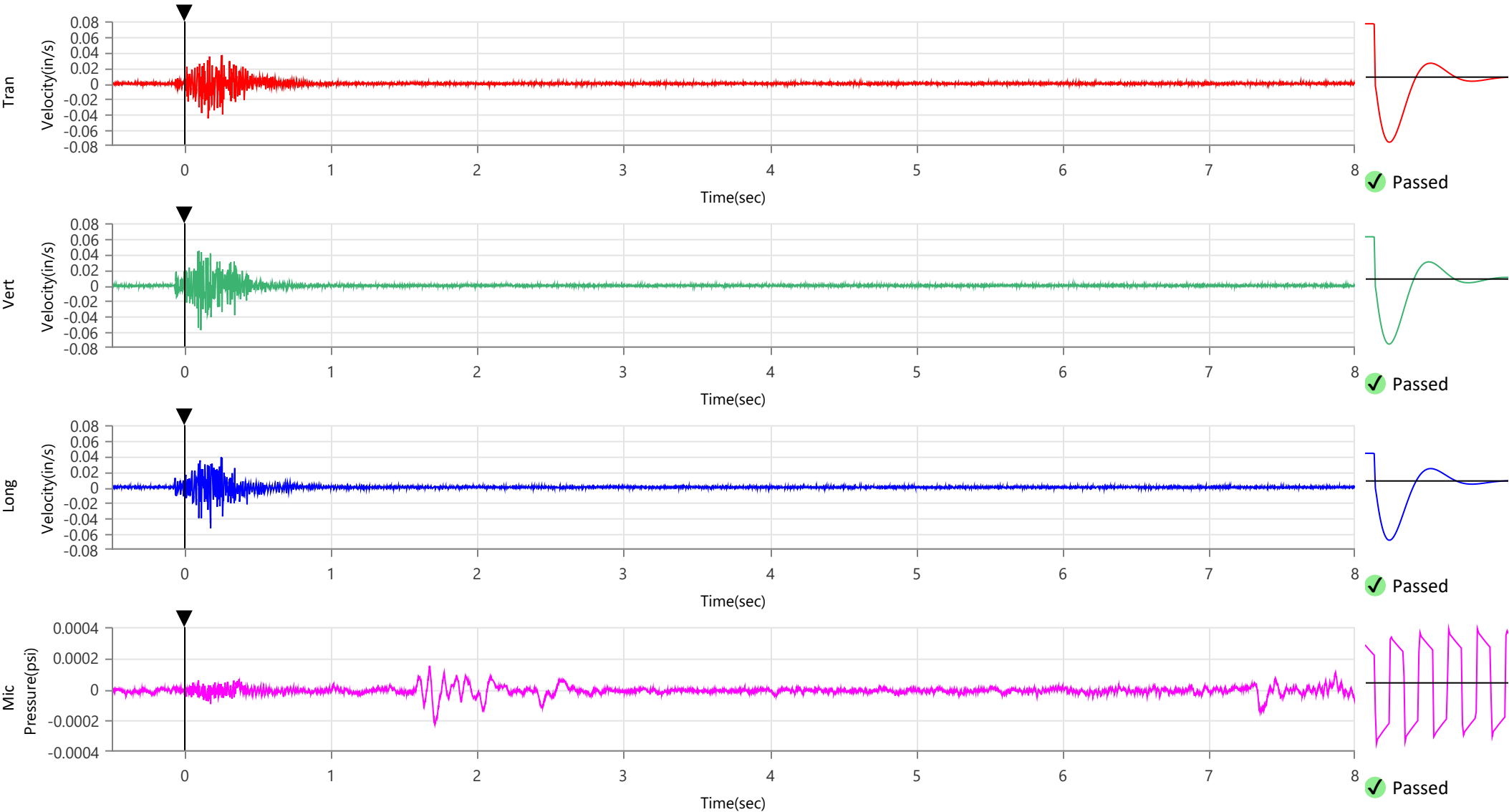
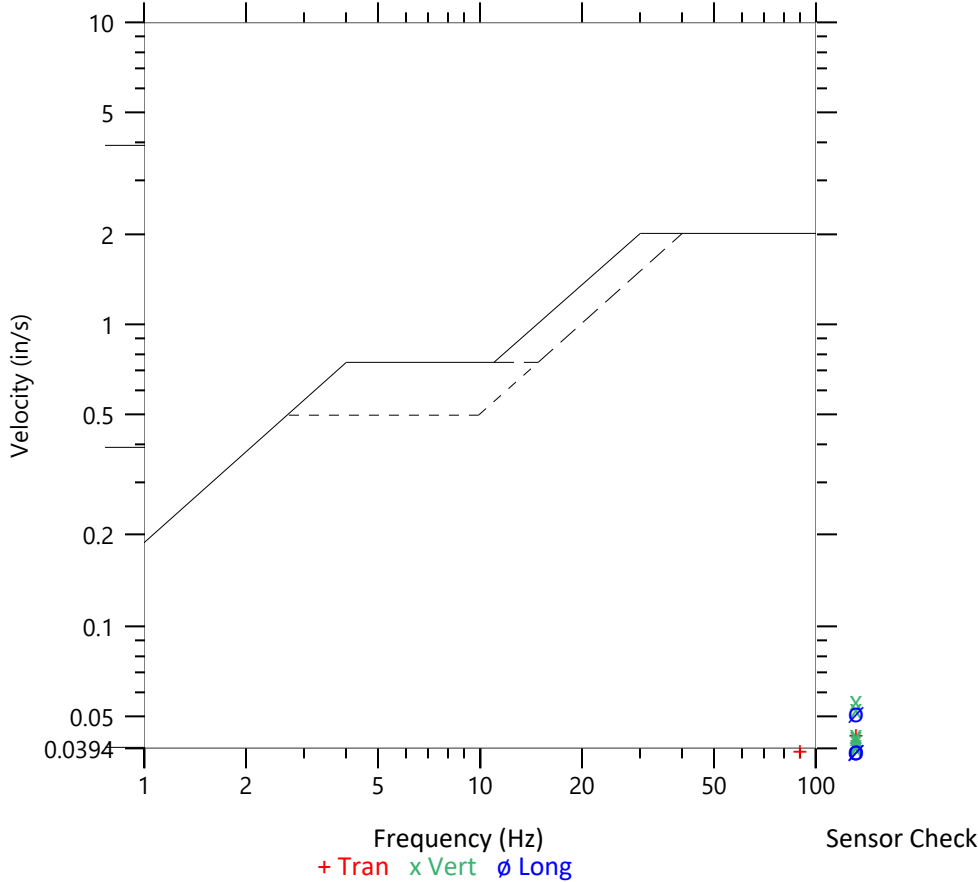
Tran	Vert	Long
0.0447 in/s	0.0574 in/s	0.0524 in/s
>100 Hz	>100 Hz	>100 Hz
0.159 sec	0.110 sec	0.177 sec
0.109 g	0.138 g	0.125 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.1 Hz	7.5 Hz	7.1 Hz
4.6	3.7	4.7

Peak Vector Sum 0.0659 in/s at 0.176 sec

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000223 psi
97.7 dB(L)
1.709 sec
7.3 Hz
✓ Passed
19.7 Hz
1381 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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

Vert at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 3.mmb
Operator

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

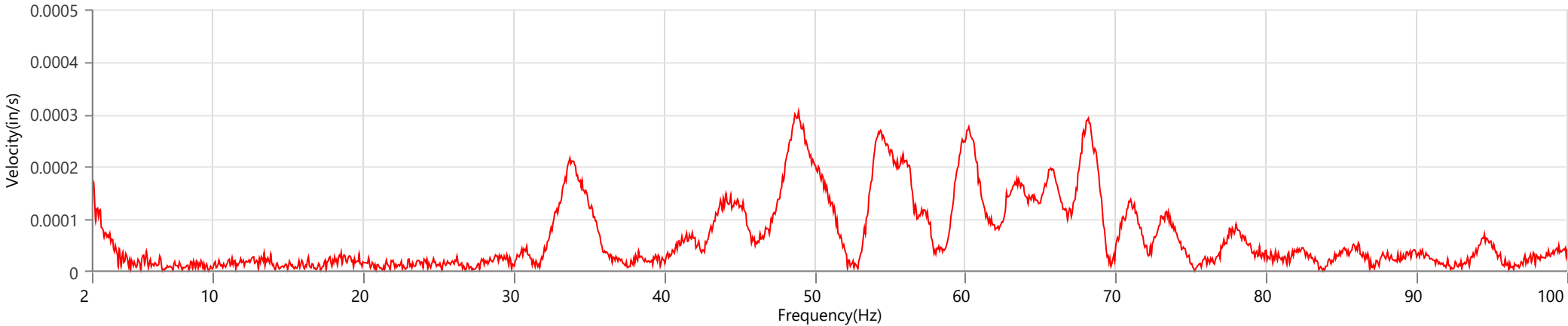
UM6512
Micromate ISEE 11.0CB
3.8 volts
December 20, 2025 by Instantel
UM6512_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

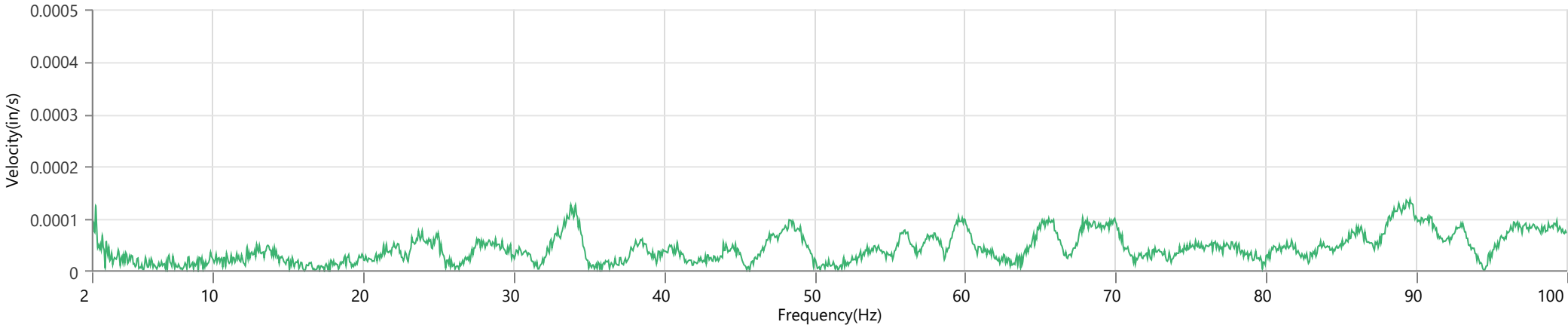
Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49742 W98.21566
Post Event Notes No text to be displayed.

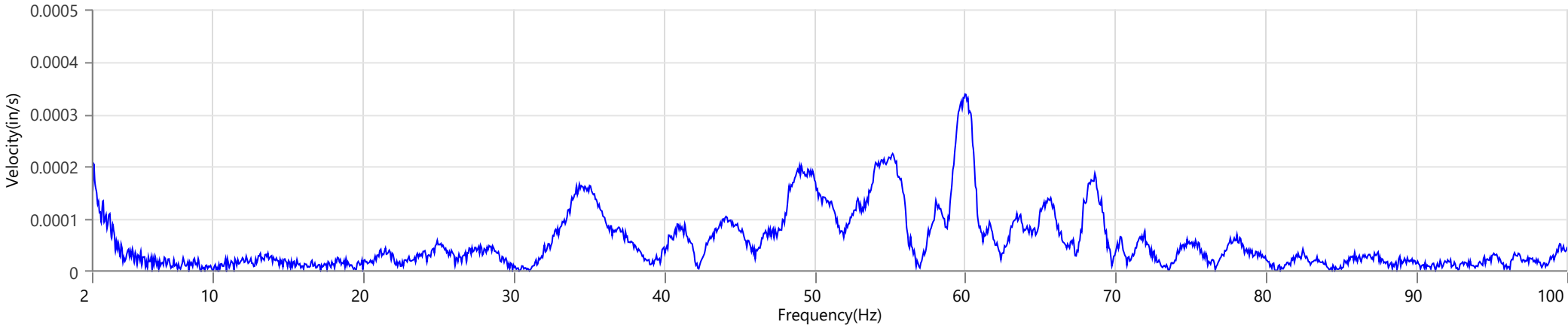
Tran - Dominant Frequency 48.9 Hz, Amplitude 0.0003 in/s (Peak Particle Velocity: 0.0447 in/s)



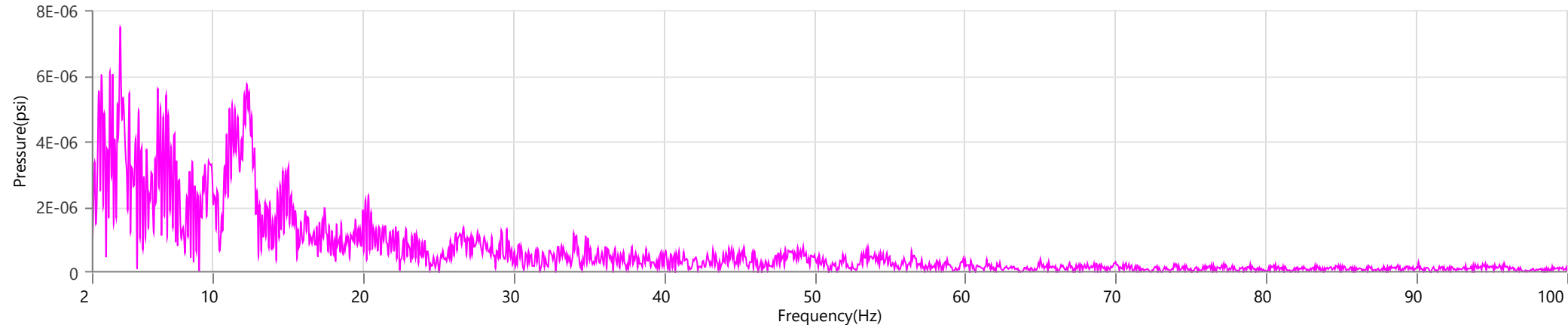
Vert - Dominant Frequency 89.6 Hz, Amplitude 0.0001 in/s (Peak Particle Velocity: 0.0574 in/s)



Long - Dominant Frequency 60.0 Hz, Amplitude 0.0003 in/s (Peak Particle Velocity: 0.0524 in/s)



Mic - Dominant Frequency 3.9 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000223 psi)



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

Tran at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 4.mmb
Operator

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

UM21515
Micromate ISEE 11.0CB
3.8 volts
December 23, 2025 by Instantel
UM21515_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

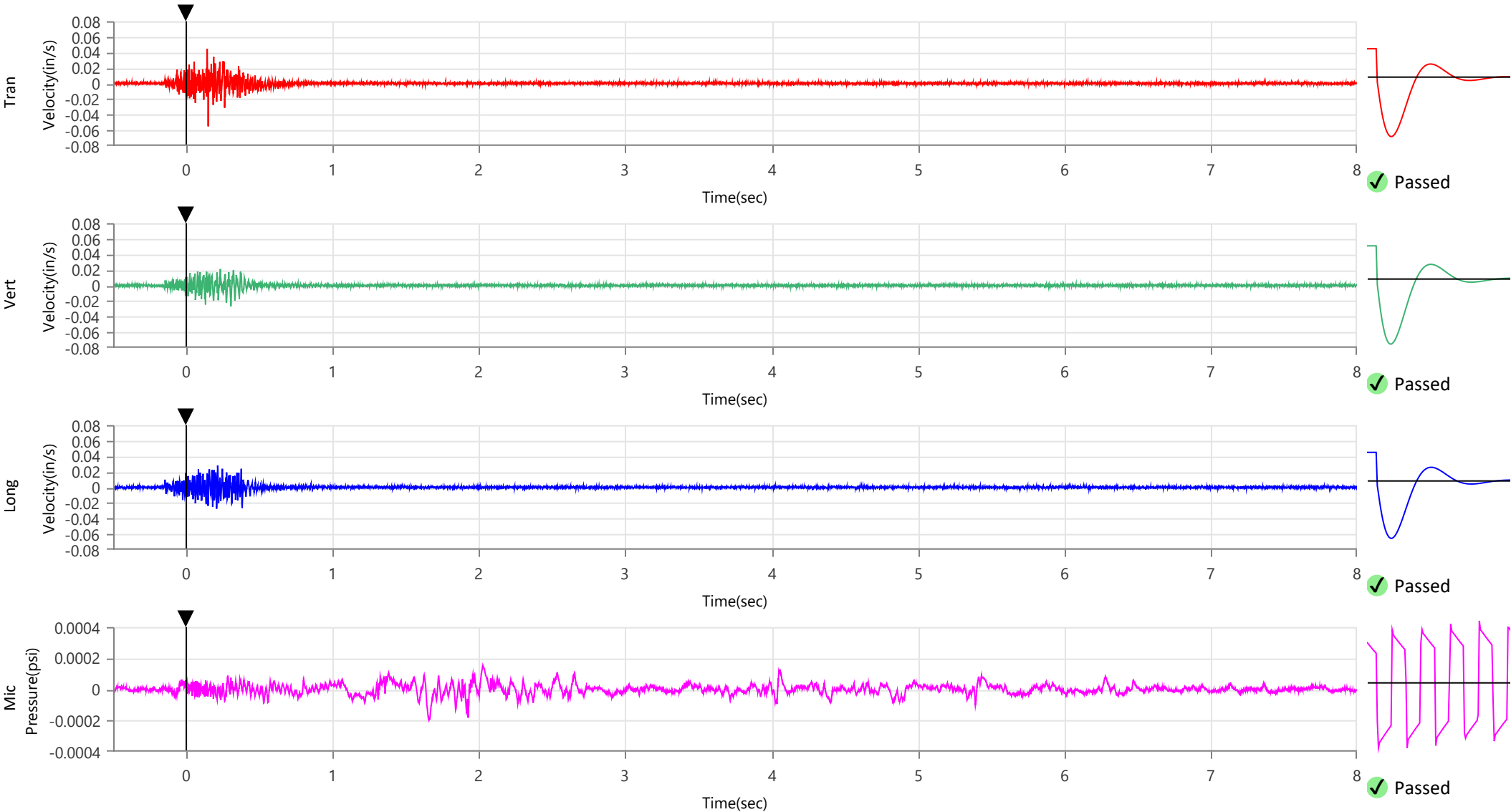
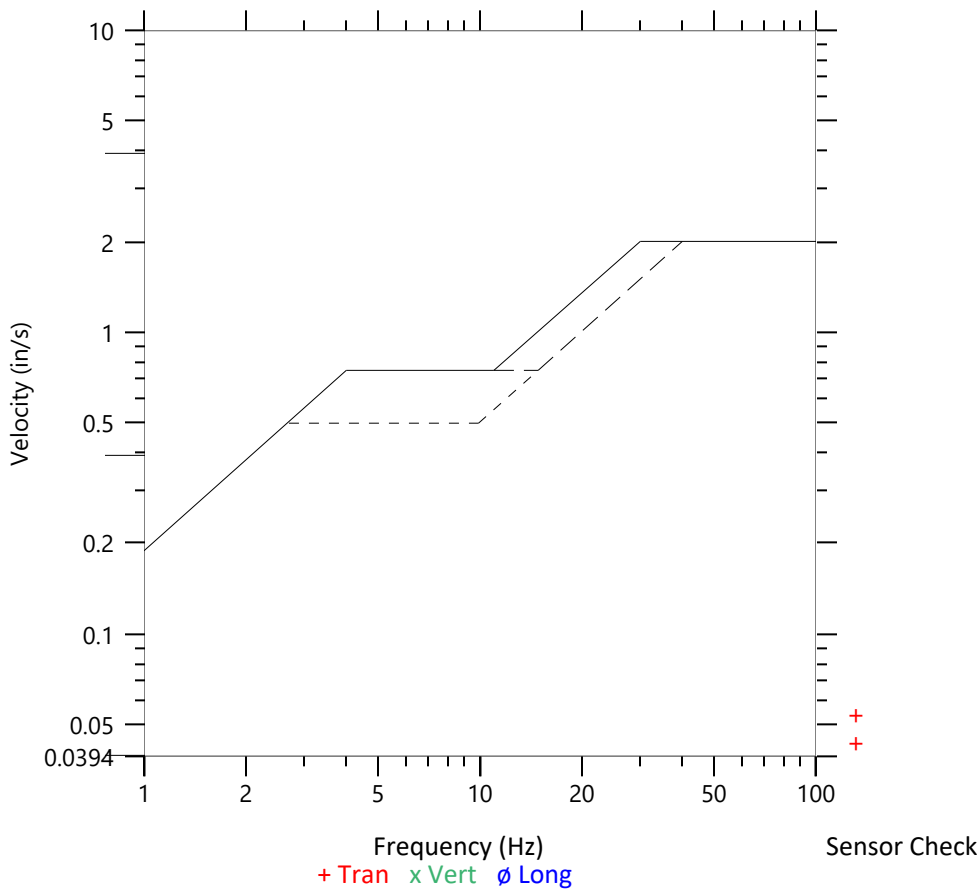
Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49821 W98.21578
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
0.0549 in/s	0.0267 in/s	0.0282 in/s
>100 Hz	50.0 Hz	75.9 Hz
0.150 sec	0.304 sec	0.215 sec
0.092 g	0.049 g	0.056 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.5	4.4	4.1

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

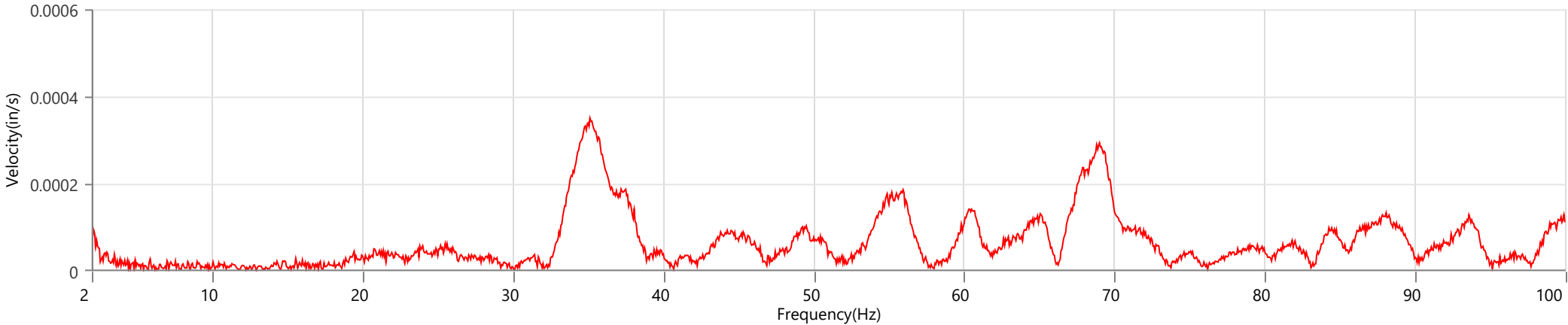


Waveform Trigger Source	Tran at September 10, 2026 11:28:16	Serial Number	UM21515
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0CB
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	December 23, 2025 by Instantel
Sample Rate	4096 sps	Event File Name	UM21515_20260910112816.IDFW
Setup File Name	Spicewood Hwy 71 - Station 4.mmb	USB Sensor Support	Disabled
Operator	Operator		

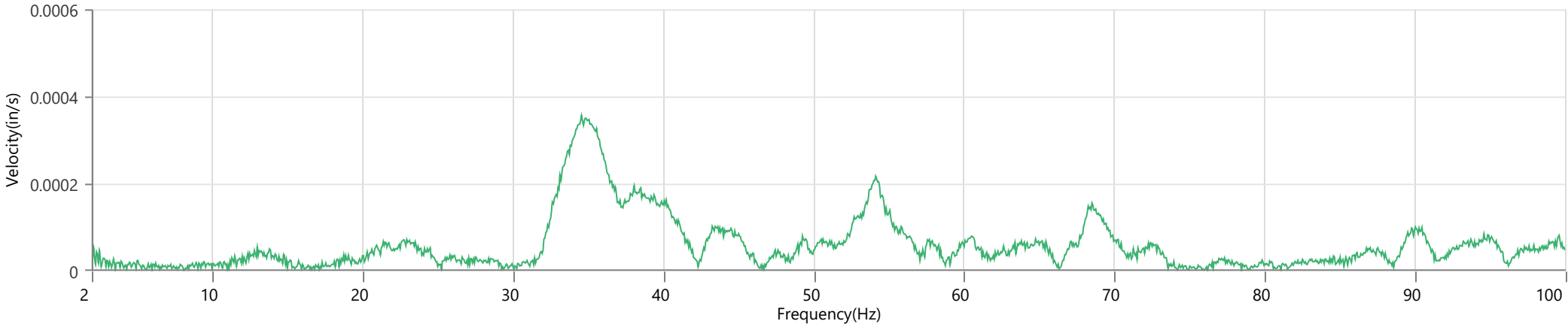
Notes	
Location	Station 4
Client	Spicewood Crushed Stone
Company	Hwy 71 Quarry
General Notes	IGS, Inc.

Extended Note N30.49821 W98.21578
Post Event Notes No text to be displayed.

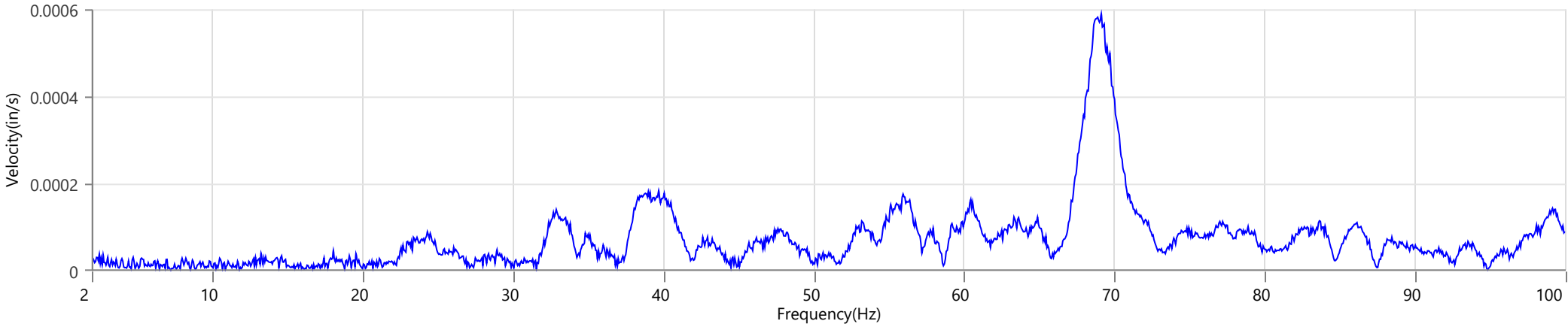
Tran - Dominant Frequency 35.1 Hz, Amplitude 0.0004 in/s (Peak Particle Velocity: 0.0549 in/s)



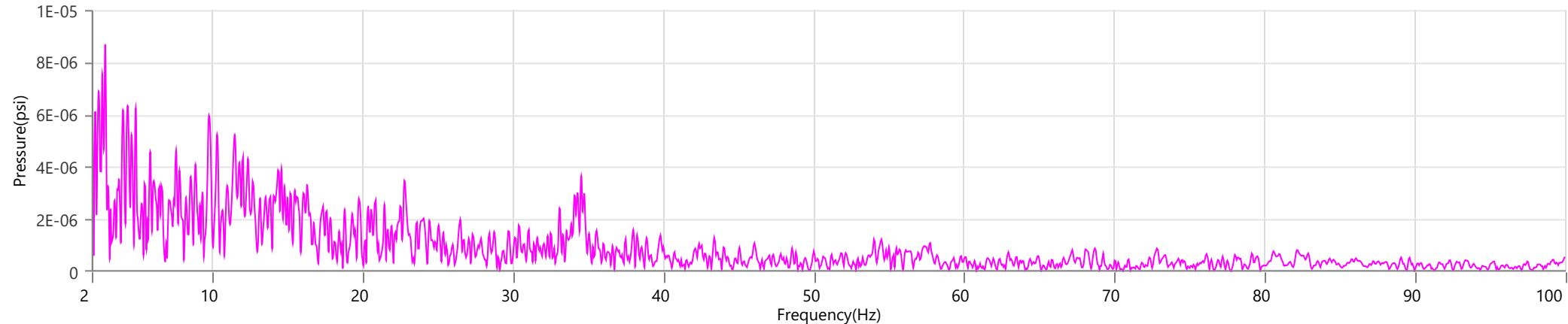
Vert - Dominant Frequency 34.6 Hz, Amplitude 0.0004 in/s (Peak Particle Velocity: 0.0267 in/s)



Long - Dominant Frequency 69.1 Hz, Amplitude 0.0006 in/s (Peak Particle Velocity: 0.0282 in/s)



Mic - Dominant Frequency 2.9 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000198 psi)



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

Vert at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 5.mmb
Operator

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

UM6323
Micromate ISEE 11.0CB
3.8 volts
January 6, 2026 by Instantel
UM6323_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49911 W98.21538
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

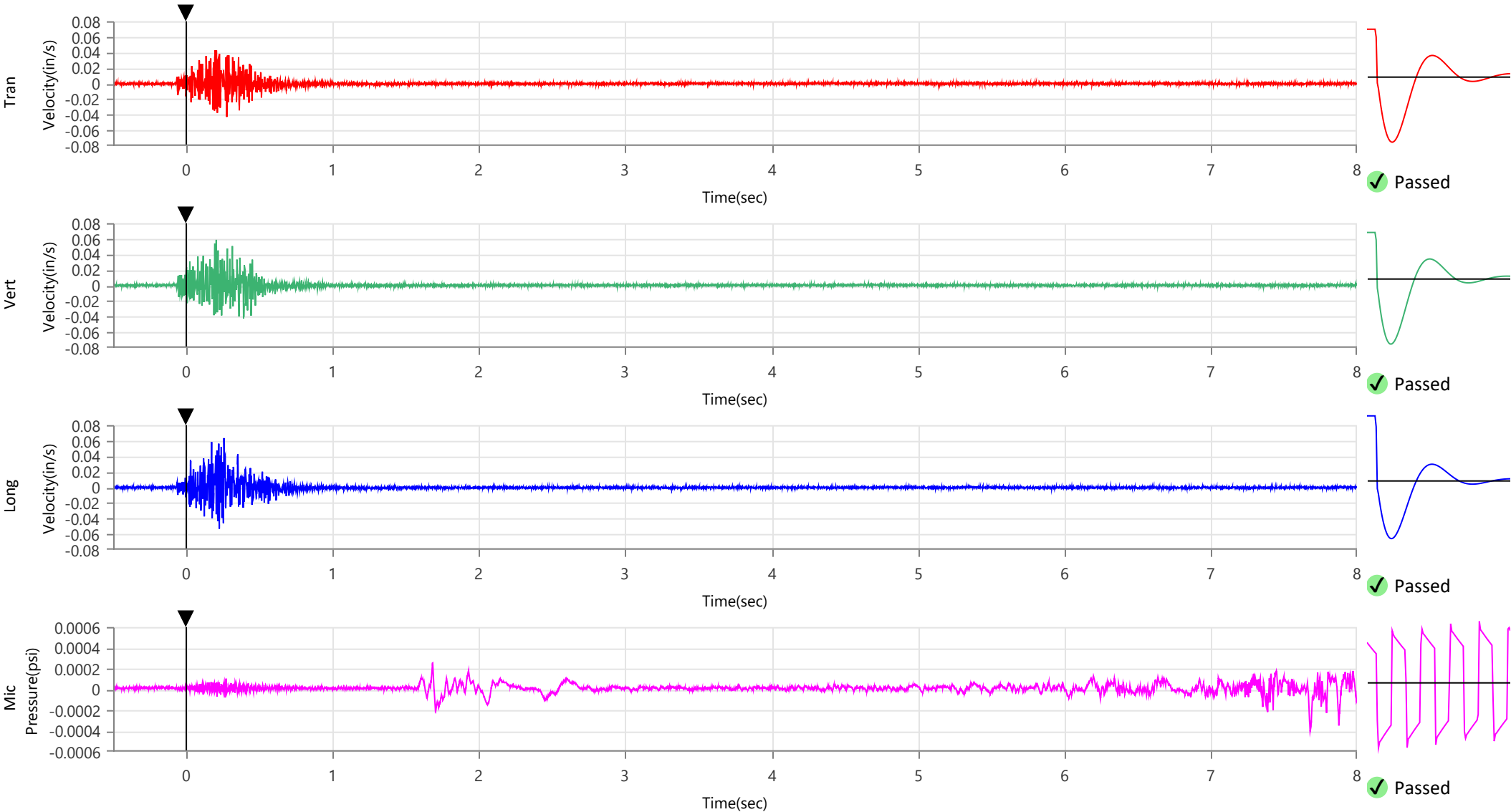
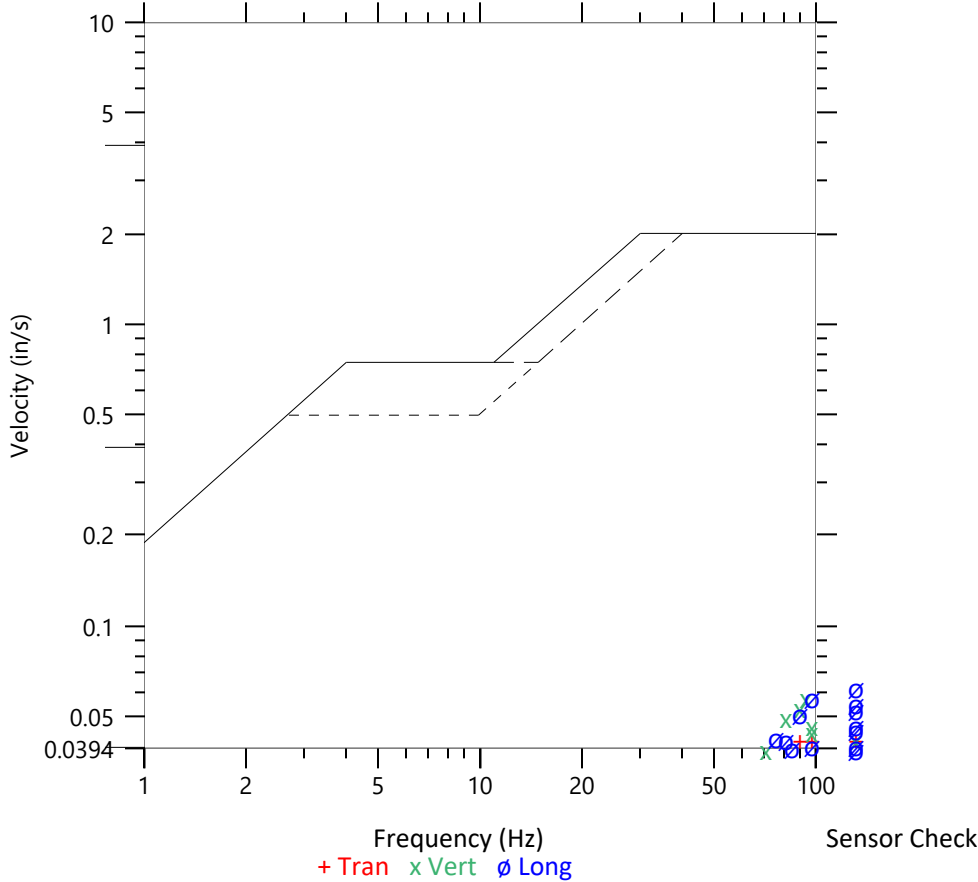
Tran	Vert	Long
0.0428 in/s	0.0586 in/s	0.0633 in/s
>100 Hz	93.1 Hz	>100 Hz
0.277 sec	0.205 sec	0.257 sec
0.082 g	0.095 g	0.122 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.5 Hz
3.0	3.2	3.4

Peak Vector Sum 0.0708 in/s at 0.205 sec

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000405 psi
102.9 dB(L)
7.680 sec
11.4 Hz
✓ Passed
19.7 Hz
1201 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

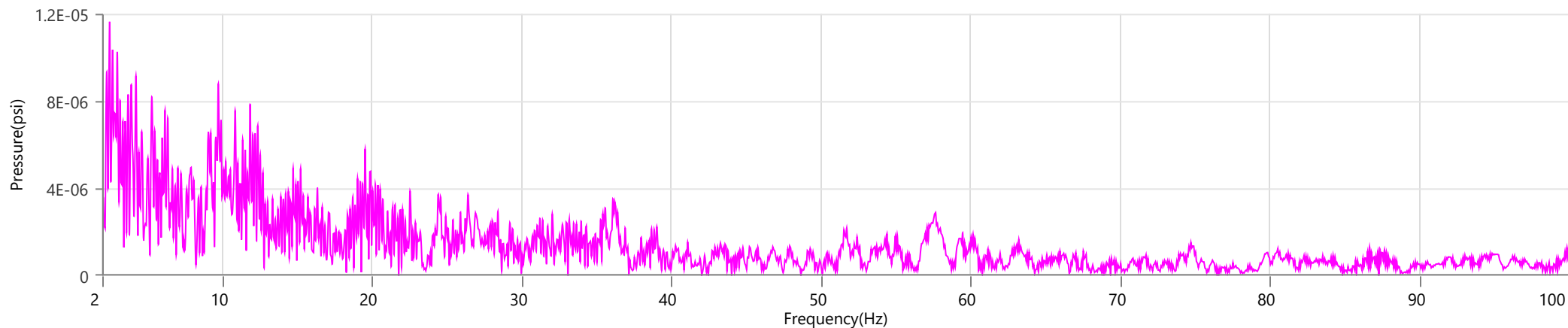
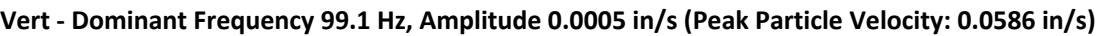




UM6323
Micromate ISEE 11.0CB
3.8 volts
January 6, 2026 by Instanтел
UM6323_20260910112816.IDFW
Disabled

Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

tude 0.0006 in/s (Peak Particle Velocity: 0.0428 in/s)



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

Vert at September 10, 2026 11:28:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 6.mmb
Operator

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

UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260910112816.IDFW
Disabled

Notes
Location
Client
Company
General Notes

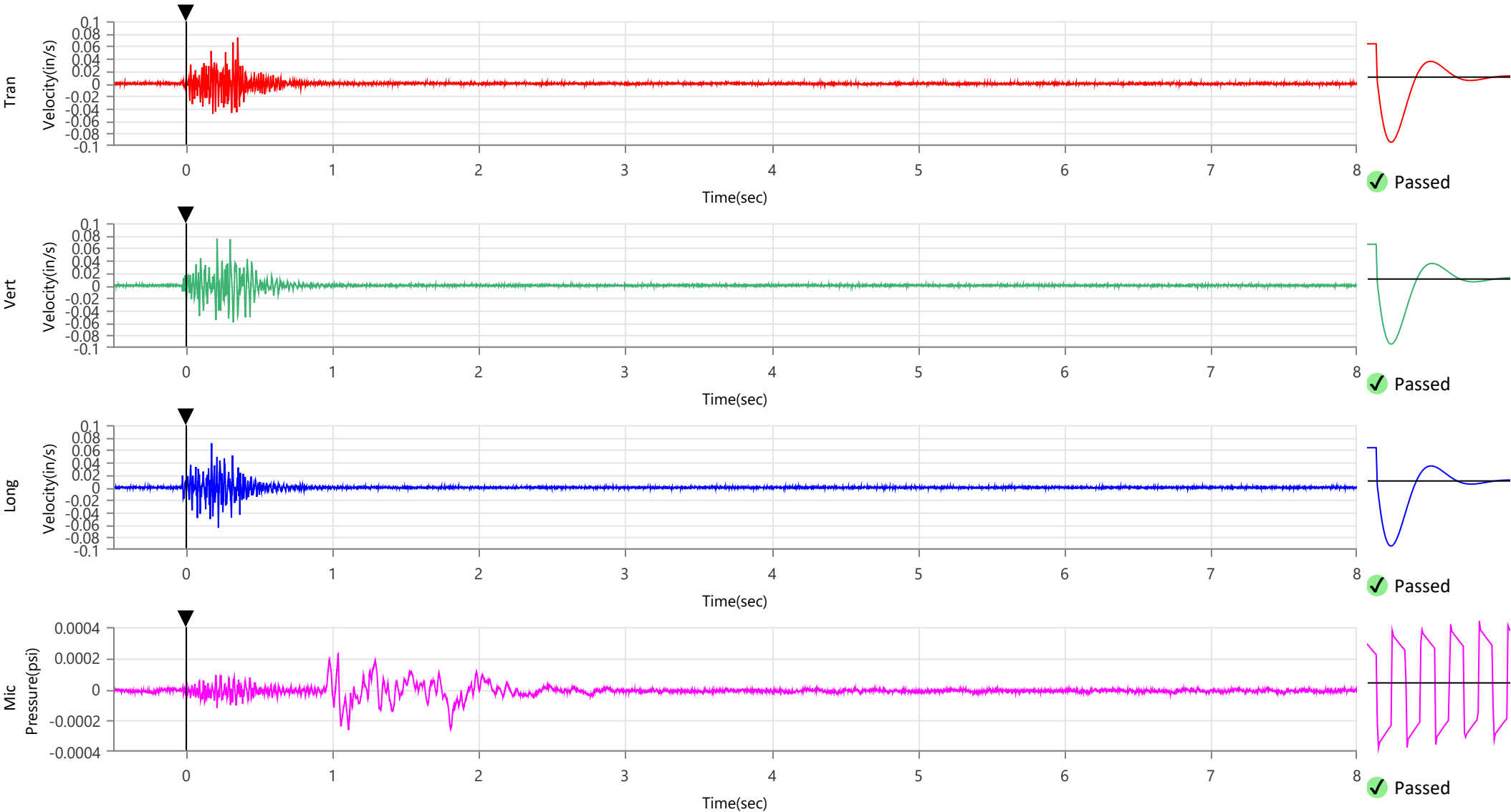
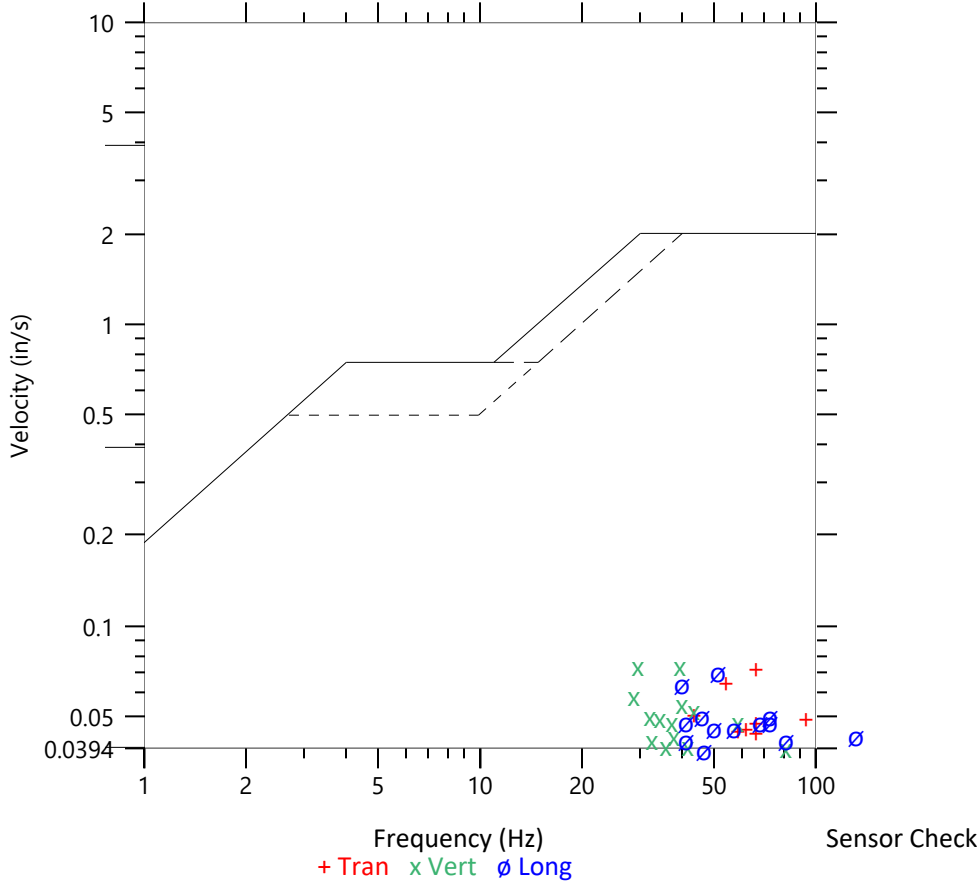
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0739 in/s	0.0751 in/s	0.0711 in/s
Zero Crossing Frequency	66.1 Hz	39.4 Hz	51.2 Hz
Time (Relative to Trigger)	0.351 sec	0.211 sec	0.174 sec
Peak Acceleration	0.095 g	0.072 g	0.076 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.1	4.1	4.3
Peak Vector Sum	0.0871 in/s at 0.320 sec		

ISEE Linear Microphone	0.000261 psi
Peak Sound Pressure Level	99.1 dB(L)
Time (Relative to Trigger)	1.110 sec
Zero Crossing Frequency	5.2 Hz
Sensor Check	✓ Passed
Frequency	19.7 Hz
Test Amplitude	1210 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260910112816.IDFW
Disabled

Post Event Notes No text to be displayed.