

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on **APR 03 2024**

Serial No: 78453 Temperature: 22.5 °C

Model: PE Humidity: 30%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

998.4 g's/volt

R²: 0.999949 [Chip programmed]

Operator: William Johnson

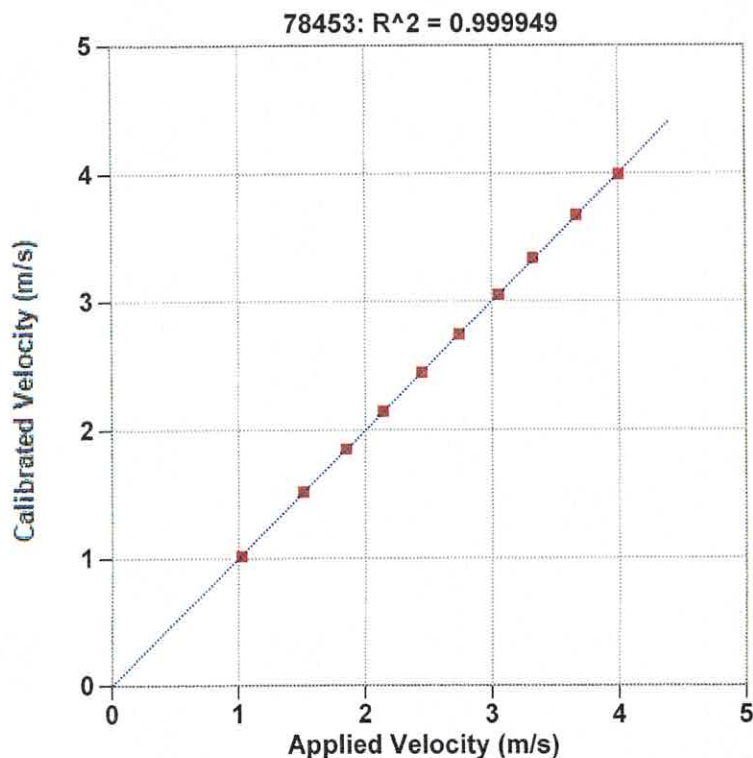
Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

William Johnson

Signed



Reference Velocity	S/N 78453 Velocity
m/s	m/s
1.023	1.016
1.514	1.518
1.847	1.849
2.141	2.144
2.446	2.445
2.744	2.738
3.053	3.051
3.326	3.338
3.665	3.671
4.002	3.991

Maximum Acceleration: 854 g's

Accelerometer Calibration Certificate

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Calibrated by Pile Dynamics, Inc.
Calibration performed on

APR 03 2024

Serial No: 78454 Temperature: 22.5 °C

Model: PE Humidity: 30%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

939.2 g's/volt

R²: 0.999975 [Chip programmed]

Operator: William Johnson

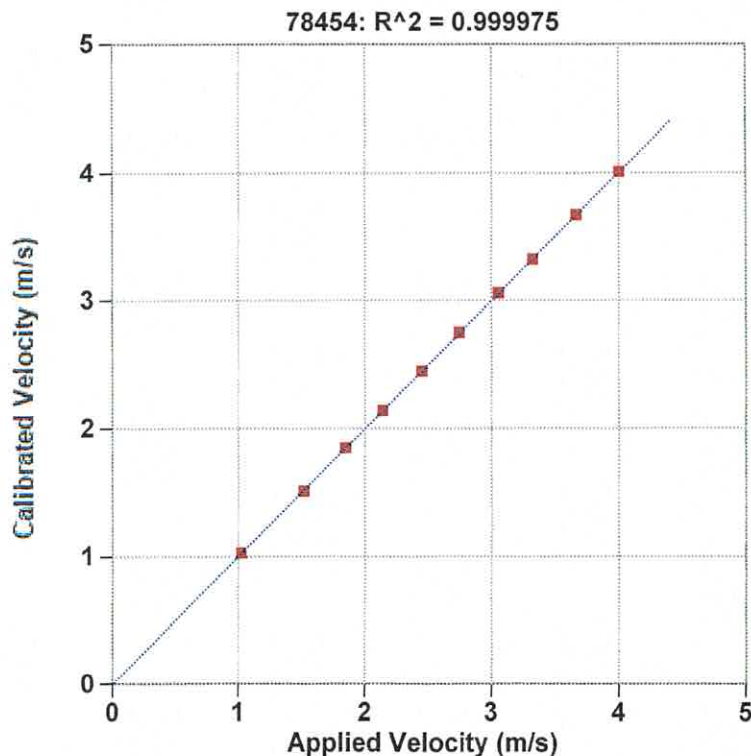
Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

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the United States National Institute of Standards and
Technology (NIST).

William Johnson

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Reference Velocity	S/N 78454 Velocity
m/s	m/s
1.023	1.027
1.514	1.508
1.847	1.847
2.141	2.139
2.446	2.444
2.744	2.746
3.053	3.056
3.326	3.317
3.665	3.667
4.002	4.008
Maximum Acceleration: 854 g's	

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on

APR 03 2024

Serial No: 78291 Temperature: 22.8 °C

Model: PE Humidity: 29%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

978.0 g's/volt

R²: 0.999950 [Chip programmed]

Operator: William Johnson

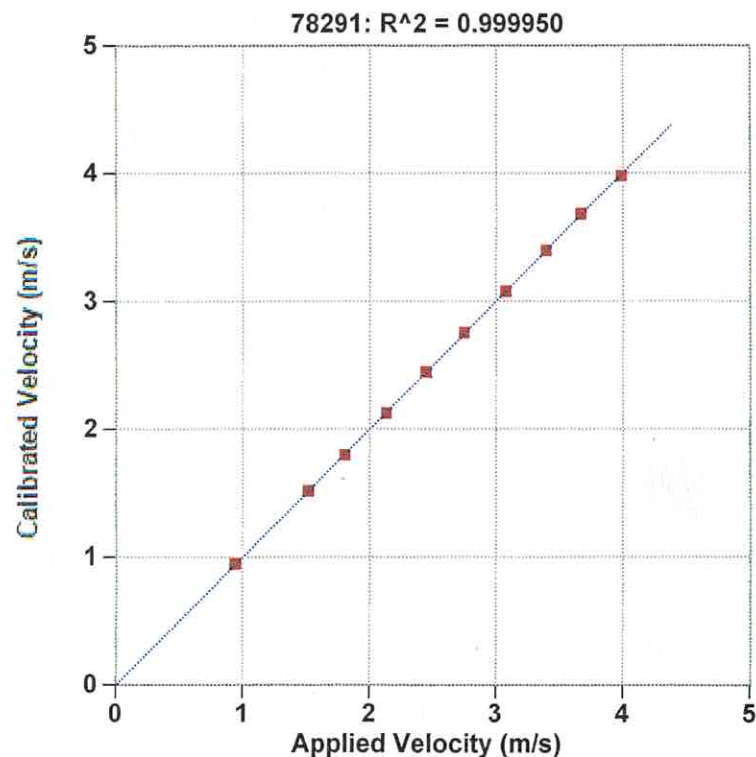
Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

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Reference Velocity	S/N 78291 Velocity
m/s	m/s
0.942	0.948
1.513	1.514
1.805	1.798
2.131	2.125
2.446	2.450
2.745	2.755
3.074	3.077
3.396	3.395
3.672	3.678
3.987	3.975
Maximum Acceleration: 854 g's	

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on **APR 03 2024**

Serial No: 78292 Temperature: 23.0 °C

Model: PE Humidity: 29%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

1010.9 g's/volt

R²: 0.999970 [Chip programmed]

Operator: William Johnson

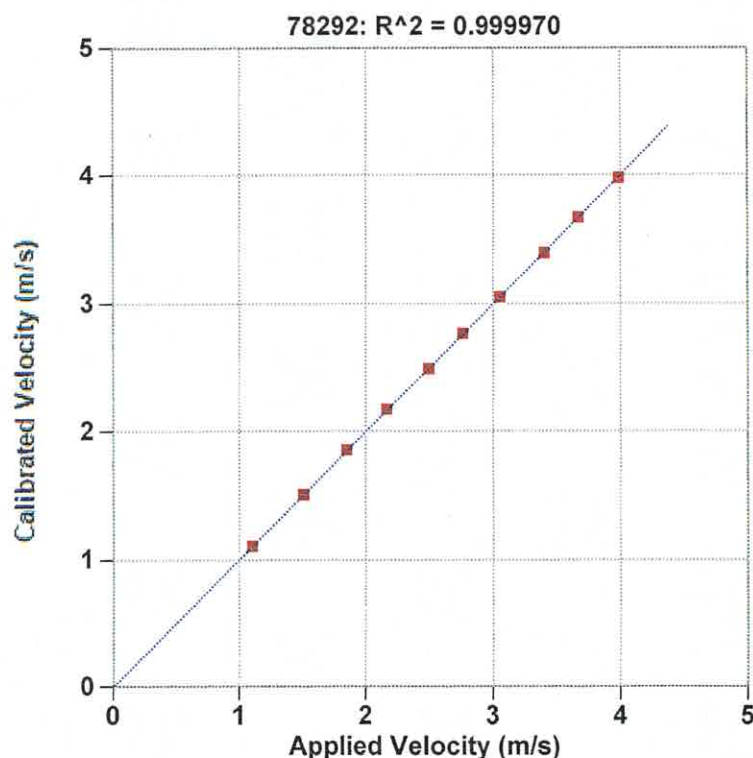
Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

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Reference Velocity	S/N 78292 Velocity
m/s	m/s
1.100	1.104
1.503	1.503
1.845	1.850
2.165	2.170
2.492	2.488
2.758	2.766
3.052	3.052
3.399	3.394
3.667	3.670
3.985	3.977
Maximum Acceleration: 855 g's	

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc. **APR 03 2024**
Calibration performed on

Serial No: 78452 Temperature: 23.0 °C

Model: PE Humidity: 29%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

954.6 g's/volt

R²: 0.999953 [Chip programmed]

Operator: William Johnson

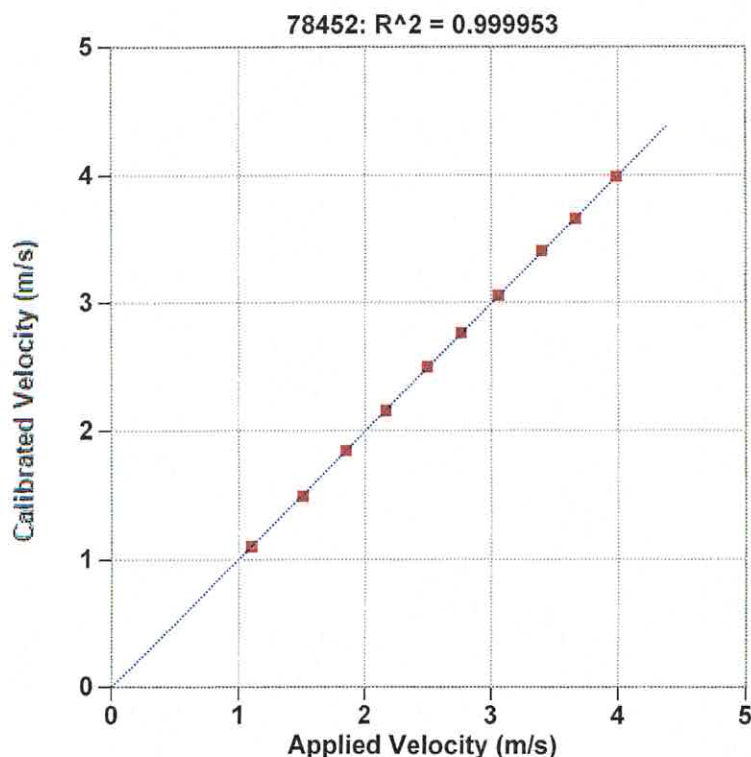
Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

William Johnson

Signed



Reference Velocity	S/N 78452 Velocity
m/s	m/s
1.100	1.100
1.503	1.491
1.845	1.845
2.165	2.154
2.492	2.496
2.758	2.760
3.052	3.055
3.399	3.406
3.667	3.661
3.985	3.988
Maximum Acceleration: 855 g's	

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



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Calibration performed on **APR 03 2024**

Serial No: K13908 Temperature: 22.7 °C

Model: PR Humidity: 40%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

363.3 mv/5000g

(72.7 μ v/g)

R²: 0.999970 [Chip programmed]

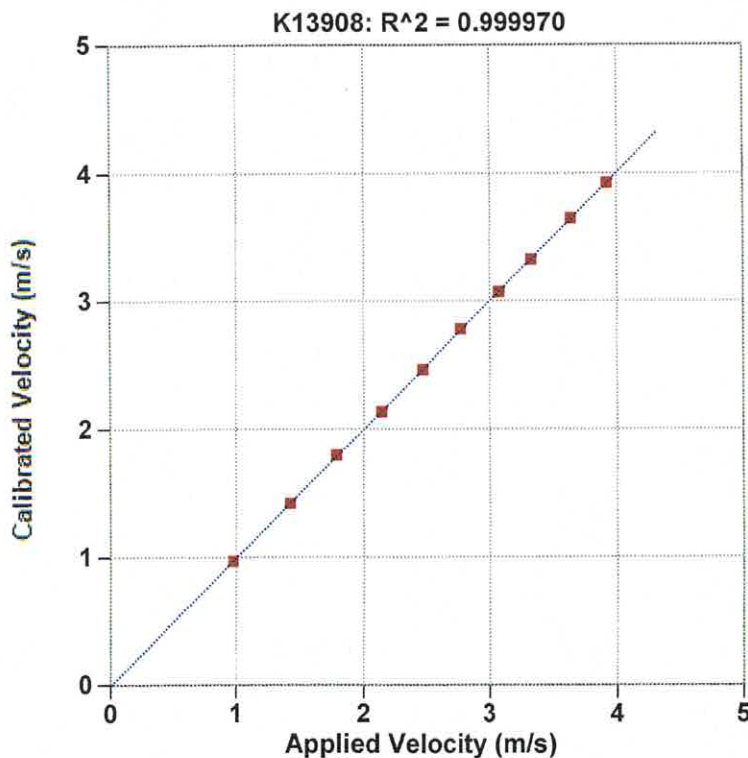
Operator: William Johnson

Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

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Reference Velocity	S/N K13908 Velocity
m/s	m/s
0.973	0.968
1.424	1.423
1.792	1.803
2.142	2.141
2.469	2.467
2.773	2.779
3.075	3.069
3.331	3.326
3.642	3.647
3.926	3.923

Maximum Acceleration: 841 g's

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on **APR 03 2024**

Serial No: K13909 Temperature: 22.7 °C

Model: PR Humidity: 40%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

342.9 mv/5000g

(68.6 $\mu\text{v/g}$)

R²: 0.999916 [Chip programmed]

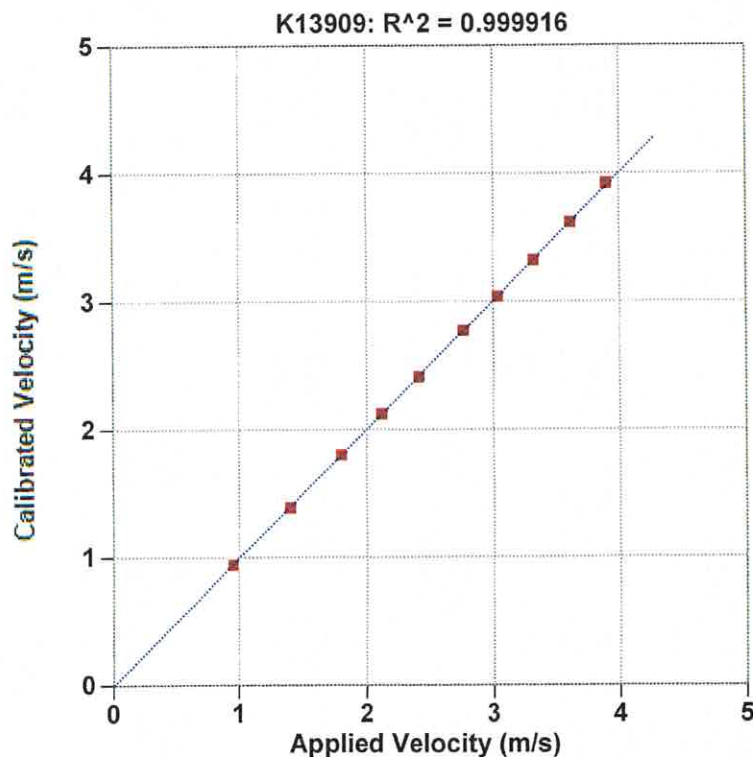
Operator: William Johnson

Ref Acc 1: 72505! Cal on: 05Apr2022
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022
1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).

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Reference Velocity	S/N K13909 Velocity
m/s	m/s
0.951	0.942
1.400	1.389
1.798	1.799
2.121	2.123
2.418	2.410
2.770	2.771
3.039	3.036
3.325	3.319
3.616	3.613
3.899	3.918

Maximum Acceleration: 834 g's