

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 26May2023

Serial No: K4119      Temperature: 74.5 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

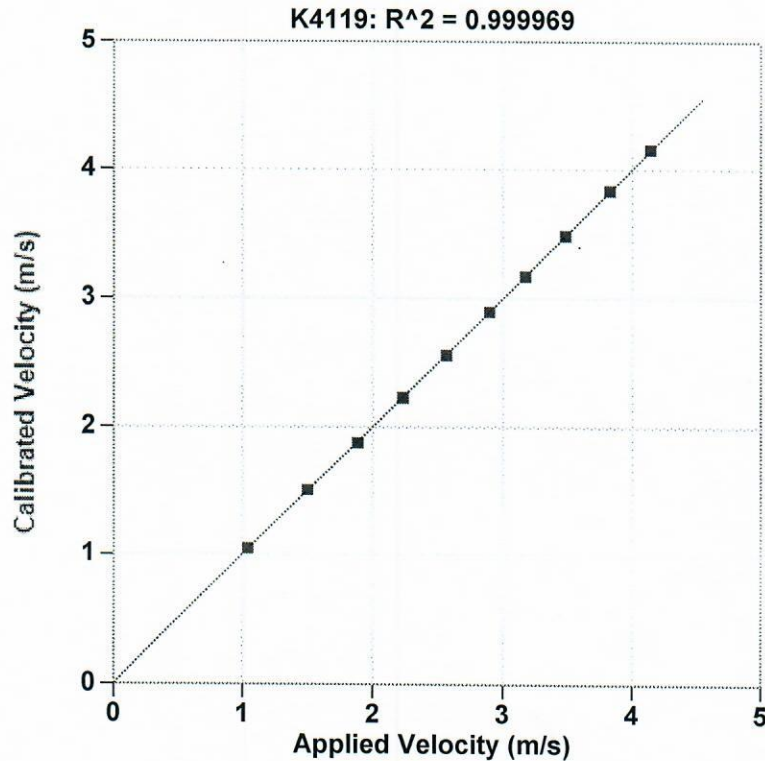
**387.4 mv/5000g**  
 (77.5  $\mu$ v/g)  
 R<sup>2</sup>: 0.999969 [Chip programmed]

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

Operator: William Johnson

*William Johnson*  
 Signed

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



Reference Velocity m/s	S/N K4119 Velocity m/s
1.042	1.047
1.499	1.505
1.886	1.876
2.232	2.227
2.565	2.559
2.897	2.895
3.175	3.171
3.485	3.487
3.830	3.833
4.147	4.153

Maximum Acceleration: 918 g's