

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 06May2024

Serial No: K5485      Temperature: 23.6 °C  
 Model: PR      Humidity: 43%  
 Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

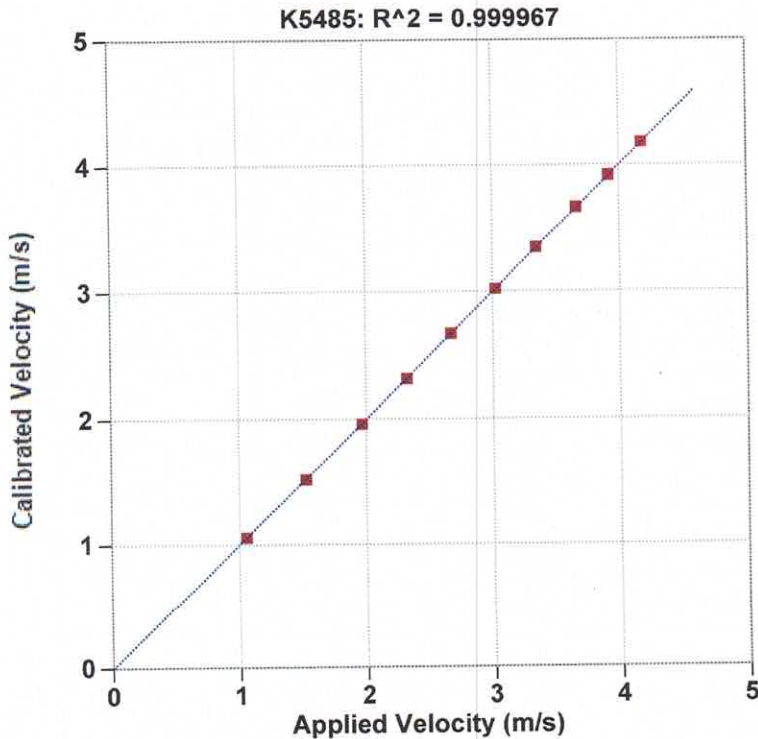
**350.2 mv/5000g**  
 (70.0 μv/g)  
 R<sup>2</sup>: 0.999967 [Chip programmed]

Ref Acc 1: 78268!      Cal on: 11Jan2024  
 986 g's/volt  
 Ref Acc 2: 78270!      Cal on: 11Jan2024  
 971 g's/volt

Operator: William Johnson

  
 Signed

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



Reference Velocity	S/N K5485 Velocity
m/s	m/s
1.057	1.054
1.525	1.518
1.966	1.958
2.322	2.315
2.671	2.667
3.024	3.019
3.344	3.346
3.661	3.667
3.916	3.920
4.174	4.182

Maximum Acceleration: 888 g's