

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K11121      Temperature: 74.5 °C  
 Model: PR      Humidity: 29%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

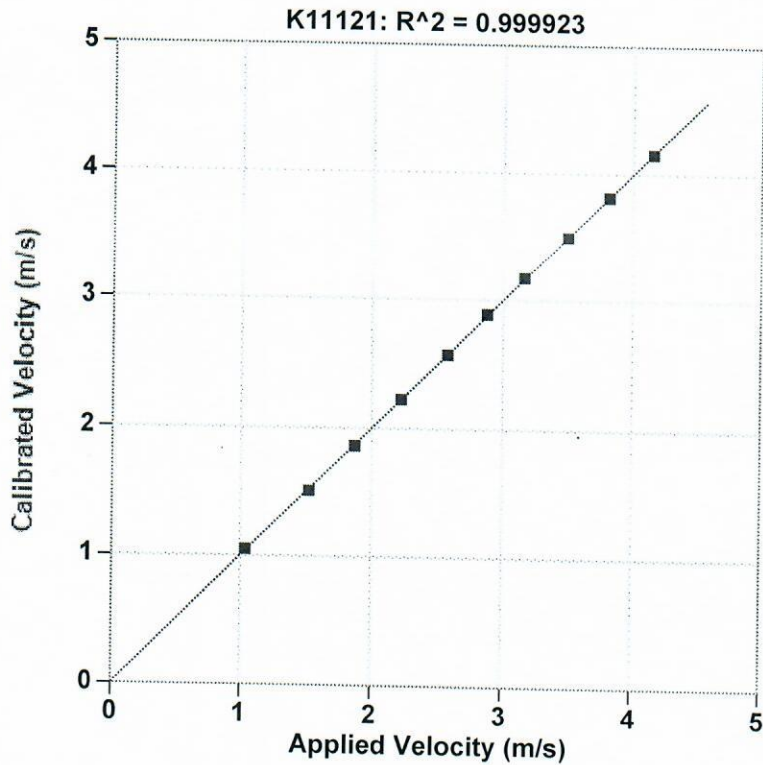
**419.9 mv/5000g**  
 (84.0 μv/g)  
 R<sup>2</sup>: 0.999923 [Chip programmed]

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

Signed

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



Reference Velocity	S/N K11121 Velocity
m/s	m/s
1.038	1.051
1.524	1.509
1.870	1.860
2.224	2.227
2.578	2.576
2.879	2.889
3.166	3.174
3.501	3.499
3.817	3.815
4.157	4.154

Maximum Acceleration: 919 g's