

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K5516      Temperature: 74.0 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

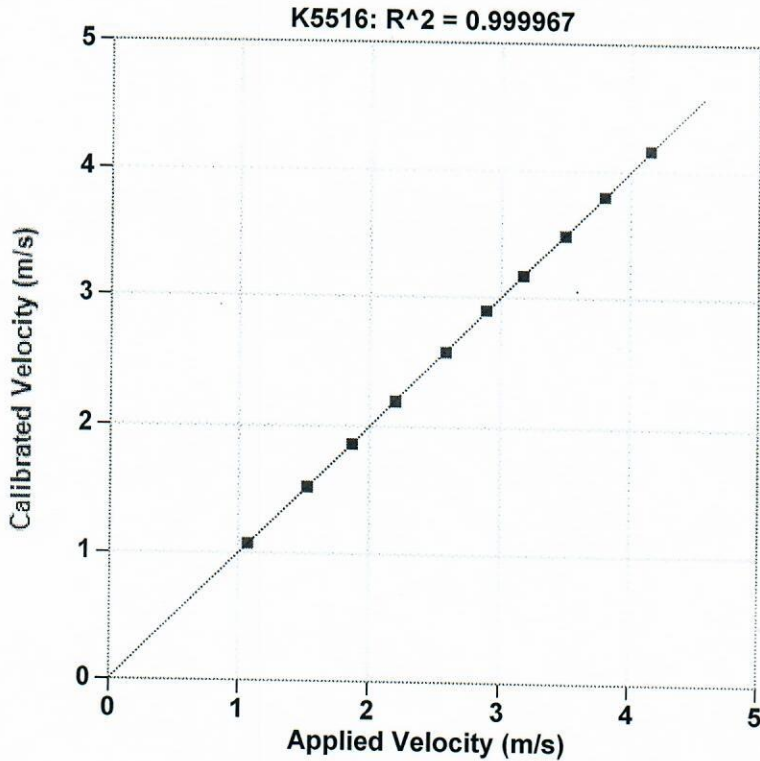
**360.8 mv/5000g**  
 (72.2  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999967 [Chip programmed]

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 m/s	S/N K5516 Velocity m/s
1.072	1.076
1.523	1.526
1.866	1.864
2.197	2.190
2.581	2.571
2.890	2.899
3.175	3.171
3.497	3.495
3.802	3.804
4.156	4.162

Maximum Acceleration: 919 g's