

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 03May2023.

Serial No: K2218      Temperature: 74.3 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

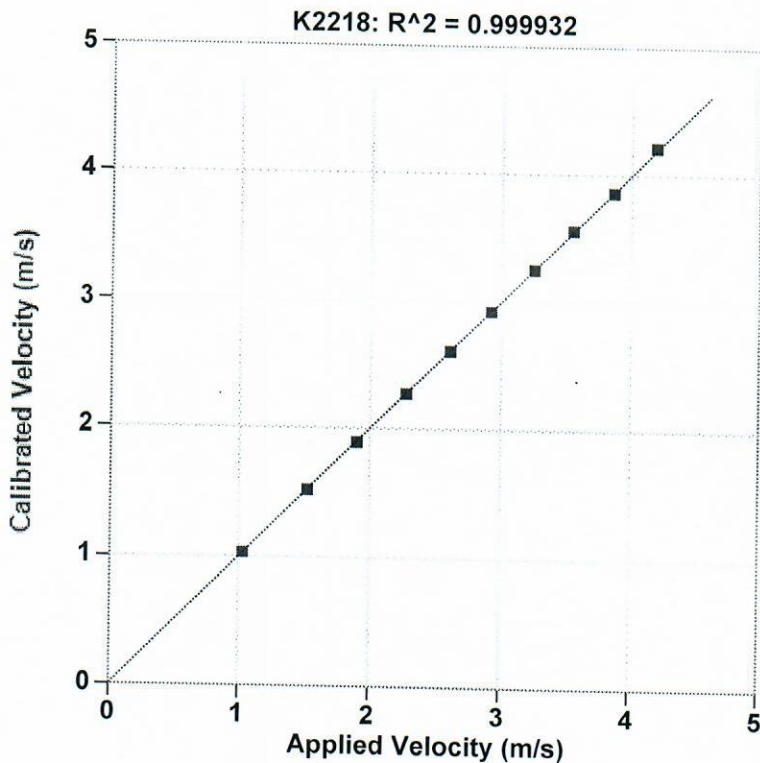
**335.0 mv/5000g**  
 (67.0  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999932 [Chip programmed]

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 K2218 Velocity m/s
1.034	1.035
1.524	1.521
1.901	1.890
2.277	2.271
2.613	2.605
2.924	2.922
3.256	3.251
3.554	3.562
3.867	3.861
4.194	4.212

Maximum Acceleration: 920 g's