

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K2240      Temperature: 74.3 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

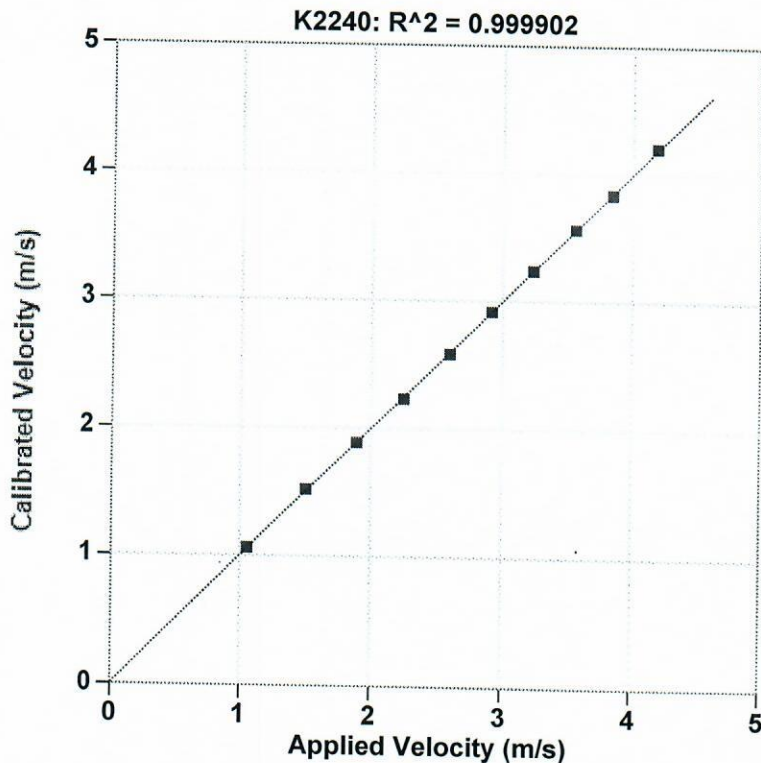
**300.4 mv/5000g**  
 (60.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999902 [Chip programmed]

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	S/N K2240 Velocity
m/s	m/s
1.056	1.061
1.504	1.518
1.891	1.889
2.250	2.234
2.598	2.587
2.916	2.919
3.237	3.237
3.561	3.567
3.847	3.838
4.193	4.206

Maximum Acceleration: 921 g's