

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K4096      Temperature: 74.5 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

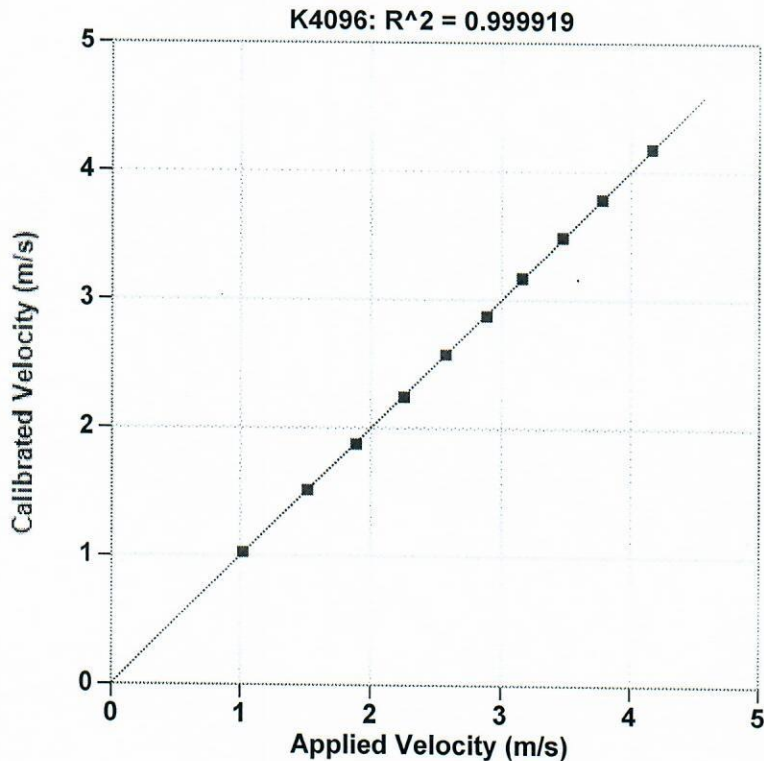
386.9 mv/5000g  
 (77.4 μv/g)  
 R<sup>2</sup>: 0.999919 [Chip programmed]

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 m/s	S/N K4096 Velocity m/s
1.020	1.025
1.514	1.513
1.887	1.877
2.255	2.242
2.573	2.570
2.887	2.872
3.161	3.169
3.476	3.487
3.783	3.782
4.168	4.174

Maximum Acceleration: 923 g's