

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K12432      Temperature: 74.3 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

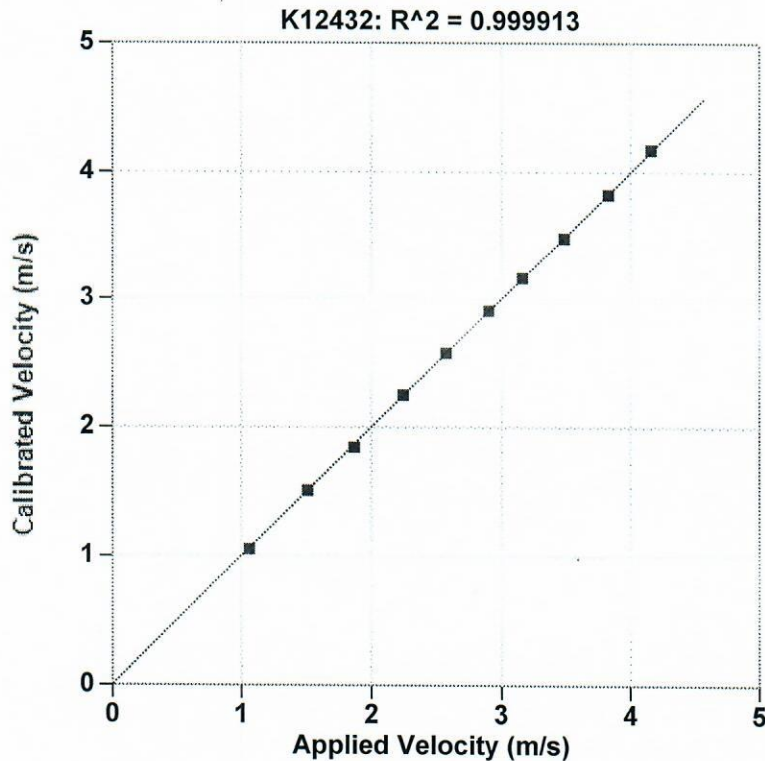
**480.3 mv/5000g**  
 (96.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999913 [Chip programmed]

Operator: William Johnson

  
 Signed

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

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



Reference Velocity m/s	S/N K12432 Velocity m/s
1.062	1.054
1.509	1.510
1.869	1.846
2.244	2.248
2.573	2.575
2.902	2.903
3.162	3.164
3.486	3.481
3.826	3.824
4.160	4.173

Maximum Acceleration: 922 g's