

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 10Jun2023

Serial No: K4022      Temperature: 73.1 °C  
 Model: PR      Humidity: 36%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

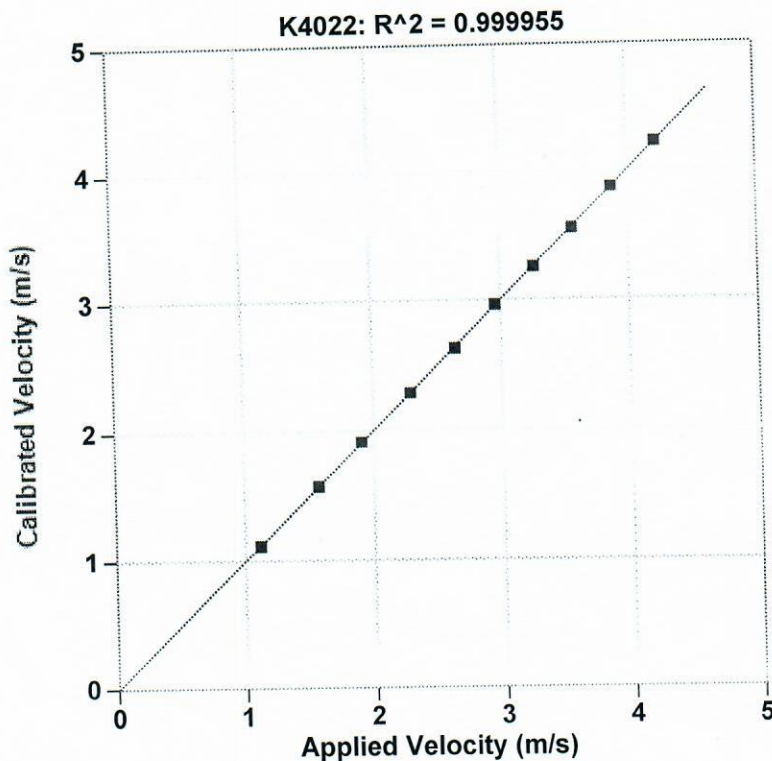
**365.7 mv/5000g**  
 (73.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999955 [Chip programmed]

Operator: William Johnson

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

*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 K4022 Velocity m/s
1.120	1.122
1.572	1.573
1.908	1.917
2.290	2.293
2.642	2.632
2.960	2.963
3.262	3.256
3.566	3.556
3.877	3.882
4.222	4.228

Maximum Acceleration: 934 g's