

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K4159      Temperature: 73.6 °C  
 Model: PR      Humidity: 37%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

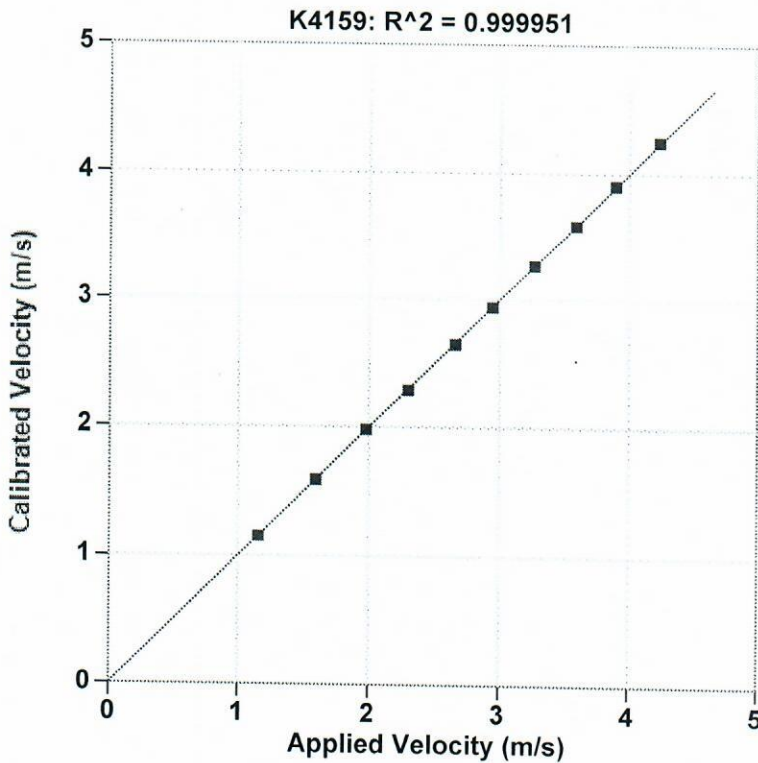
**389.9 mv/5000g**  
 (78.0  $\mu$ v/g)  
 R<sup>2</sup>: 0.999951 [Chip programmed]

Ref Acc 1: 72505!      Cal on: 24Mar2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 24Mar2022  
 1049 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 K4159 Velocity
m/s	m/s
1.155	1.156
1.596	1.594
1.979	1.980
2.301	2.289
2.662	2.651
2.946	2.940
3.269	3.270
3.592	3.591
3.896	3.904
4.236	4.246

Maximum Acceleration: 938 g's