

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 07Aug2023

Serial No: K4905      Temperature: 71.8 °C  
Model: PR      Humidity: 46%  
Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

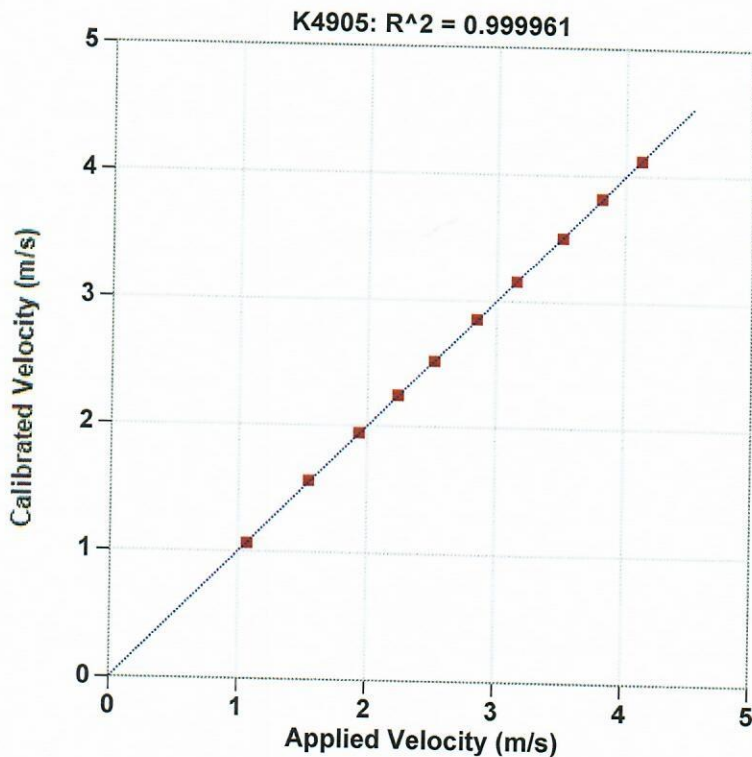
**380.8 mv/5000g**  
(76.2  $\mu\text{v/g}$ )  
R<sup>2</sup>: 0.999961 [Chip programmed]

Operator: William Johnson

*William Johnson*  
Signed

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

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



Reference Velocity	S/N K4905 Velocity
m/s	m/s
1.071	1.062
1.547	1.557
1.936	1.939
2.239	2.240
2.518	2.514
2.847	2.853
3.156	3.153
3.513	3.507
3.818	3.823
4.124	4.120

Maximum Acceleration: 899 g's