

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 13Sep2023

Serial No: K5511      Temperature: 23.3 °C  
 Model: PR      Humidity: 57%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

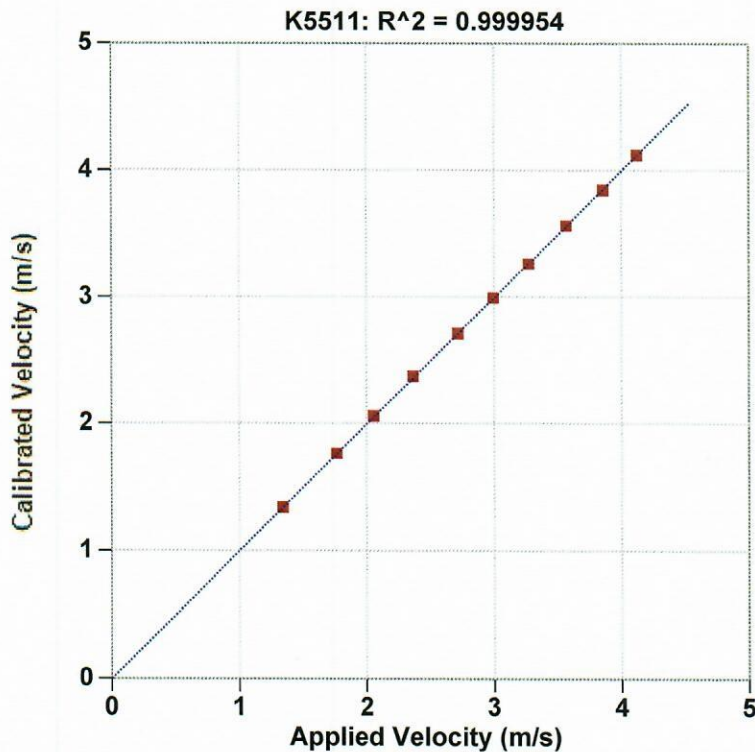
**340.3 mv/5000g**  
 (68.1  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999954 [Chip programmed]

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 K5511 Velocity
m/s	m/s
1.341	1.342
1.765	1.766
2.057	2.061
2.366	2.379
2.716	2.709
2.993	2.995
3.272	3.269
3.568	3.572
3.857	3.848
4.122	4.123

Maximum Acceleration: 900 g's