

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

MAR 21 2024

Serial No: 77705 Temperature: 23.5 °C

Model: PE Humidity: 40%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

902.0 g's/volt

R<sup>2</sup>: 0.999961 [Chip programmed]

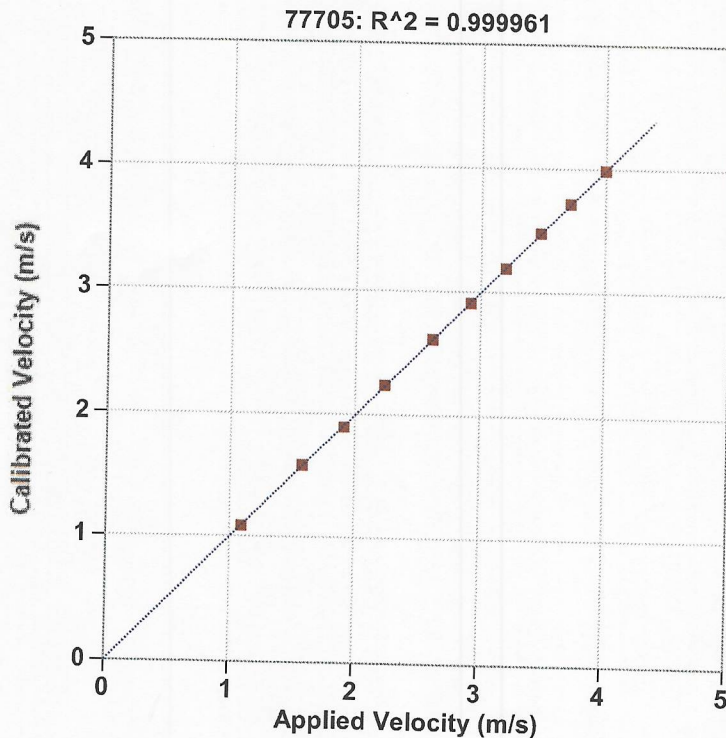
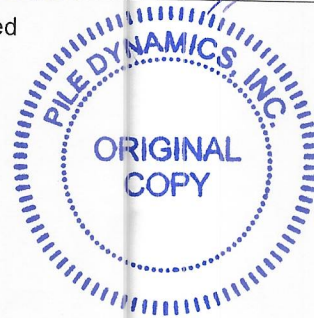
Operator: William Johnson

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).

Signed



| Reference Velocity | S/N 77705 Velocity |
|--------------------|--------------------|
| m/s                | m/s                |
| 1.094              | 1.092              |
| 1.582              | 1.584              |
| 1.911              | 1.900              |
| 2.236              | 2.244              |
| 2.617              | 2.621              |
| 2.919              | 2.914              |
| 3.198              | 3.195              |
| 3.480              | 3.482              |
| 3.715              | 3.722              |
| 3.996              | 3.992              |

Maximum Acceleration: 361 g's