

DATE: 2023/9/18

REF TEK 147A-01/3 Accelerometer

S/N: 23737

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

| Freq. (Hz) | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|-------------------|------------------------------|---------------------------------|-------------------------------|
| 1.00 | 1.0004 | 1.0004 | 1.0004 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9987 | 0.9988 | 0.9988 |
| 30.00 | 0.9969 | 0.9970 | 0.9970 |
| 40.00 | 0.9947 | 0.9949 | 0.9950 |
| 50.00 | 0.9928 | 0.9931 | 0.9932 |
| 60.00 | 0.9914 | 0.9919 | 0.9920 |
| 70.00 | 0.9911 | 0.9917 | 0.9919 |
| 80.00 | 0.9923 | 0.9931 | 0.9934 |
| 90.00 | 0.9952 | 0.9961 | 0.9968 |
| 100.00 | 1.0002 | 1.0014 | 1.0025 |
| 120.00 | 1.0181 | 1.0198 | 1.0227 |
| 140.00 | 1.0481 | 1.0506 | 1.0569 |
| 160.00 | 1.0828 | 1.0845 | 1.0947 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.500 | 2.500 | 2.500 |
| Cross-axis Coupling (g/g) | 0.16% | 0.56% | 0.36% |

* g = 9.80 m/s²

Rev H (2020-04)