

DATE: 2023/11/29

REF TEK 147A-01/3 Accelerometer

S/N: 23763

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

| Freq. (Hz) | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|-------------------|------------------------------|---------------------------------|-------------------------------|
| 1.00 | 1.0003 | 1.0004 | 1.0003 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9991 | 0.9988 | 0.9992 |
| 30.00 | 0.9978 | 0.9970 | 0.9979 |
| 40.00 | 0.9963 | 0.9949 | 0.9965 |
| 50.00 | 0.9950 | 0.9929 | 0.9953 |
| 60.00 | 0.9943 | 0.9915 | 0.9946 |
| 70.00 | 0.9946 | 0.9911 | 0.9948 |
| 80.00 | 0.9963 | 0.9921 | 0.9964 |
| 90.00 | 0.9997 | 0.9950 | 0.9996 |
| 100.00 | 1.0052 | 1.0001 | 1.0047 |
| 120.00 | 1.0242 | 1.0186 | 1.0223 |
| 140.00 | 1.0549 | 1.0493 | 1.0506 |
| 160.00 | 1.0869 | 1.0822 | 1.0796 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.499 | 2.500 | 2.501 |
| Cross-axis Coupling (g/g) | 0.84% | 0.12% | 0.08% |

* g = 9.80 m/s²

Rev H (2020-04)