

DATE: 2023/11/23

REF TEK 147A-01/3 Accelerometer

S/N: 23744

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 | 1.0017 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9991 | 0.9989 | 0.9969 |
| 30.00 | 0.9977 | 0.9972 | 0.9943 |
| 40.00 | 0.9961 | 0.9951 | 0.9924 |
| 50.00 | 0.9946 | 0.9930 | 0.9914 |
| 60.00 | 0.9935 | 0.9912 | 0.9912 |
| 70.00 | 0.9933 | 0.9901 | 0.9922 |
| 80.00 | 0.9945 | 0.9901 | 0.9949 |
| 90.00 | 0.9973 | 0.9916 | 0.9993 |
| 100.00 | 1.0022 | 0.9950 | 1.0059 |
| 120.00 | 1.0197 | 1.0092 | 1.0275 |
| 140.00 | 1.0492 | 1.0354 | 1.0614 |
| 160.00 | 1.0804 | 1.0659 | 1.0951 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.501 | 2.499 | 2.501 |
| Cross-axis Coupling (g/g) | 0.36% | 0.48% | 0.48% |

* g = 9.80 m/s²

Rev H (2020-04)