

DATE: 2023/11/27

REF TEK 147A-01/3 Accelerometer

S/N: 23756

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 | 1.0003 | 1.0003 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9989 | 0.9991 | 0.9990 |
| 30.00 | 0.9972 | 0.9977 | 0.9975 |
| 40.00 | 0.9952 | 0.9960 | 0.9956 |
| 50.00 | 0.9932 | 0.9944 | 0.9937 |
| 60.00 | 0.9913 | 0.9931 | 0.9920 |
| 70.00 | 0.9902 | 0.9925 | 0.9909 |
| 80.00 | 0.9900 | 0.9931 | 0.9907 |
| 90.00 | 0.9913 | 0.9951 | 0.9919 |
| 100.00 | 0.9943 | 0.9989 | 0.9946 |
| 120.00 | 1.0073 | 1.0134 | 1.0068 |
| 140.00 | 1.0310 | 1.0385 | 1.0296 |
| 160.00 | 1.0575 | 1.0656 | 1.0566 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.500 | 2.499 | 2.499 |
| Cross-axis Coupling (g/g) | 0.48% | 0.24% | 0.04% |

* g = 9.80 m/s²

Rev H (2020-04)