

DATE: 2023/11/24

REF TEK 147A-01/3 Accelerometer

S/N: 23751

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 | 1.0005 | 1.0005 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9989 | 0.9985 | 0.9986 |
| 30.00 | 0.9972 | 0.9964 | 0.9967 |
| 40.00 | 0.9953 | 0.9940 | 0.9946 |
| 50.00 | 0.9936 | 0.9920 | 0.9929 |
| 60.00 | 0.9924 | 0.9909 | 0.9920 |
| 70.00 | 0.9923 | 0.9913 | 0.9925 |
| 80.00 | 0.9937 | 0.9939 | 0.9950 |
| 90.00 | 0.9969 | 0.9989 | 0.9995 |
| 100.00 | 1.0023 | 1.0068 | 1.0064 |
| 120.00 | 1.0211 | 1.0321 | 1.0285 |
| 140.00 | 1.0516 | 1.0676 | 1.0602 |
| 160.00 | 1.0844 | 1.0953 | 1.0880 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.501 | 2.500 | 2.500 |
| Cross-axis Coupling (g/g) | 0.52% | 0.48% | 0.64% |

* g = 9.80 m/s²

Rev H (2020-04)