

REF TEK 147A-01/3 Accelerometer

S/N: 23701

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

| Freq. (Hz) | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|-------------------|------------------------------|---------------------------------|-------------------------------|
| 1.00 | 0.9994 | 0.9990 | 0.9993 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 1.0013 | 1.0023 | 1.0016 |
| 30.00 | 1.0026 | 1.0041 | 1.0034 |
| 40.00 | 1.0031 | 1.0047 | 1.0046 |
| 50.00 | 1.0024 | 1.0040 | 1.0046 |
| 60.00 | 1.0008 | 1.0026 | 1.0033 |
| 70.00 | 0.9988 | 1.0010 | 1.0014 |
| 80.00 | 0.9968 | 0.9999 | 0.9991 |
| 90.00 | 0.9957 | 1.0000 | 0.9975 |
| 100.00 | 0.9962 | 1.0018 | 0.9971 |
| 120.00 | 1.0044 | 1.0130 | 1.0028 |
| 140.00 | 1.0268 | 1.0382 | 1.0215 |
| 160.00 | 1.0600 | 1.0737 | 1.0503 |

SENSITIVITIES

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Output Sensitivity (V/g) | 2.500 | 2.500 | 2.499 |
| Cross-axis Coupling (g/g) | 0.80% | 0.48% | 0.48% |

* g = 9.80 m/s²

Rev H (2020-04)