

**DATE: 2024/5/23**

## **REF TEK 147A-01/3 Accelerometer**

**S/N: 23777**

**P/N: R-97499-00**

### NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

<b>Freq. (Hz)</b>	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
1.00	1.0002	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9992	0.9993
30.00	0.9985	0.9980	0.9983
40.00	0.9976	0.9967	0.9973
50.00	0.9970	0.9956	0.9965
60.00	0.9968	0.9949	0.9962
70.00	0.9976	0.9951	0.9969
80.00	0.9996	0.9966	0.9990
90.00	1.0032	0.9995	1.0025
100.00	1.0086	1.0044	1.0080
120.00	1.0265	1.0212	1.0257
140.00	1.0548	1.0485	1.0526
160.00	1.0839	1.0776	1.0783

### SENSITIVITIES

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.501	2.499	2.499
<b>Cross-axis Coupling (g/g)</b>	0.24%	0.36%	0.76%

\* g = 9.80 m/s<sup>2</sup>

Rev H (2020-04)