

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

**S/N: 22745**

**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	1.0001	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9997	0.9993
30.00	0.9993	0.9992	0.9983
40.00	0.9989	0.9986	0.9969
50.00	0.9986	0.9978	0.9954
60.00	0.9986	0.9970	0.9939
70.00	0.9990	0.9964	0.9927
80.00	1.0003	0.9960	0.9922
90.00	1.0025	0.9963	0.9927
100.00	1.0058	0.9976	0.9947
120.00	1.0172	1.0045	1.0051
140.00	1.0354	1.0186	1.0276
160.00	1.0525	1.0337	1.0568

**SENSITIVITIES**

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.500	2.500	2.501
<b>Cross-axis Coupling (g/g)</b>	0.24%	0.24%	0.48%

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

Rev H (2020-04)