

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

**S/N: 22747**

**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	0.9998	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	1.0004	0.9995
30.00	0.9989	1.0007	0.9988
40.00	0.9983	1.0005	0.9978
50.00	0.9979	1.0000	0.9967
60.00	0.9980	0.9994	0.9957
70.00	0.9989	0.9991	0.9950
80.00	1.0009	0.9994	0.9948
90.00	1.0042	1.0006	0.9956
100.00	1.0092	1.0030	0.9977
120.00	1.0257	1.0131	1.0081
140.00	1.0517	1.0318	1.0299
160.00	1.0781	1.0524	1.0575

**SENSITIVITIES**

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.499	2.499	2.501
<b>Cross-axis Coupling (g/g)</b>	0.52%	0.04%	0.36%

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

Rev H (2020-04)