

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

**S/N: 25775**

**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	1.0004	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9991	0.9989
30.00	0.9972	0.9977	0.9972
40.00	0.9953	0.9962	0.9952
50.00	0.9934	0.9949	0.9934
60.00	0.9920	0.9940	0.9920
70.00	0.9915	0.9941	0.9917
80.00	0.9924	0.9956	0.9929
90.00	0.9951	0.9988	0.9959
100.00	1.0000	1.0042	1.0013
120.00	1.0186	1.0235	1.0210
140.00	1.0513	1.0555	1.0538
160.00	1.0887	1.0895	1.0875

**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	2.500	2.500
<b>Cross-axis Coupling (g/g)</b>	0.00%	0.16%	0.36%

\* g = 9.81 m/s<sup>2</sup>

Rev L (2025-09)