

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

**S/N: 25770**

**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	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9991	0.9991
30.00	0.9986	0.9977	0.9978
40.00	0.9977	0.9961	0.9964
50.00	0.9970	0.9946	0.9952
60.00	0.9968	0.9935	0.9946
70.00	0.9975	0.9933	0.9951
80.00	0.9996	0.9943	0.9970
90.00	1.0030	0.9970	1.0008
100.00	1.0084	1.0016	1.0067
120.00	1.0258	1.0188	1.0270
140.00	1.0526	1.0479	1.0591
160.00	1.0781	1.0797	1.0910

**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	2.500
<b>Cross-axis Coupling (g/g)</b>	0.12%	0.60%	0.64%

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

Rev L (2025-09)