

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

**S/N: 25769**

**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	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9991
30.00	0.9975	0.9980	0.9979
40.00	0.9957	0.9966	0.9964
50.00	0.9940	0.9953	0.9950
60.00	0.9927	0.9944	0.9940
70.00	0.9923	0.9944	0.9937
80.00	0.9932	0.9956	0.9946
90.00	0.9958	0.9983	0.9969
100.00	1.0004	1.0029	1.0011
120.00	1.0175	1.0195	1.0163
140.00	1.0468	1.0475	1.0418
160.00	1.0787	1.0777	1.0685

**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>	0.04%	0.04%	0.40%

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

Rev L (2025-09)