

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

**S/N: 23709**

**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	1.0005	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9990	0.9990
30.00	0.9968	0.9976	0.9975
40.00	0.9945	0.9960	0.9959
50.00	0.9925	0.9946	0.9944
60.00	0.9909	0.9936	0.9936
70.00	0.9904	0.9935	0.9938
80.00	0.9915	0.9949	0.9957
90.00	0.9946	0.9980	0.9995
100.00	1.0000	1.0032	1.0057
120.00	1.0201	1.0222	1.0270
140.00	1.0552	1.0546	1.0618
160.00	1.0970	1.0911	1.0958

**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	2.499	2.500
<b>Cross-axis Coupling (g/g)</b>	0.12%	0.20%	0.04%

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

Rev H (2020-04)