

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

**S/N: 22725**

**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	1.0003	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9994	0.9993
30.00	0.9978	0.9985	0.9983
40.00	0.9962	0.9973	0.9969
50.00	0.9946	0.9961	0.9955
60.00	0.9931	0.9948	0.9939
70.00	0.9922	0.9938	0.9927
80.00	0.9921	0.9933	0.9919
90.00	0.9932	0.9935	0.9919
100.00	0.9959	0.9948	0.9929
120.00	1.0077	1.0020	0.9995
140.00	1.0313	1.0177	1.0140
160.00	1.0580	1.0379	1.0310

**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	2.500
<b>Cross-axis Coupling (g/g)</b>	0.04%	0.20%	0.08%

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

Rev H (2020-04)