

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

**S/N: 22741**

**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	0.9997	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	1.0007	0.9995
30.00	0.9989	1.0012	0.9989
40.00	0.9980	1.0011	0.9981
50.00	0.9972	1.0004	0.9975
60.00	0.9964	0.9991	0.9973
70.00	0.9961	0.9976	0.9976
80.00	0.9964	0.9964	0.9989
90.00	0.9976	0.9962	1.0012
100.00	1.0000	0.9973	1.0051
120.00	1.0101	1.0061	1.0184
140.00	1.0291	1.0271	1.0401
160.00	1.0512	1.0567	1.0620

### 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	2.501
<b>Cross-axis Coupling (g/g)</b>	0.84%	0.16%	0.44%

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

Rev H (2020-04)