

**DATE: 2022/11/28**

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

**S/N: 22760**

**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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9991
30.00	0.9978	0.9978	0.9977
40.00	0.9963	0.9962	0.9961
50.00	0.9948	0.9945	0.9945
60.00	0.9936	0.9931	0.9934
70.00	0.9931	0.9922	0.9930
80.00	0.9936	0.9922	0.9938
90.00	0.9954	0.9933	0.9960
100.00	0.9986	0.9960	1.0000
120.00	1.0111	1.0074	1.0149
140.00	1.0325	1.0292	1.0401
160.00	1.0563	1.0565	1.0677

### 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	2.501	2.499
<b>Cross-axis Coupling (g/g)</b>	0.28%	0.44%	0.64%

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

Rev H (2020-04)