

**DATE: 2023/9/5**

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

**S/N: 23722**

**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	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9988	0.9990
30.00	0.9978	0.9971	0.9975
40.00	0.9963	0.9950	0.9959
50.00	0.9949	0.9929	0.9943
60.00	0.9939	0.9913	0.9933
70.00	0.9939	0.9905	0.9932
80.00	0.9951	0.9912	0.9946
90.00	0.9980	0.9936	0.9977
100.00	1.0030	0.9984	1.0032
120.00	1.0213	1.0174	1.0228
140.00	1.0529	1.0526	1.0559
160.00	1.0894	1.0946	1.0920

### SENSITIVITIES

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.500	2.501	2.499
<b>Cross-axis Coupling (g/g)</b>	0.64%	0.68%	0.64%

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

Rev H (2020-04)