

**DATE: 2023/9/12**

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

**S/N: 23716**

**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	1.0004	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9989	0.9989
30.00	0.9973	0.9972	0.9973
40.00	0.9954	0.9953	0.9953
50.00	0.9937	0.9934	0.9935
60.00	0.9923	0.9920	0.9921
70.00	0.9918	0.9916	0.9916
80.00	0.9927	0.9925	0.9924
90.00	0.9953	0.9953	0.9950
100.00	1.0000	1.0003	0.9998
120.00	1.0177	1.0192	1.0182
140.00	1.0482	1.0528	1.0507
160.00	1.0821	1.0928	1.0893

### 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	2.499
<b>Cross-axis Coupling (g/g)</b>	0.52%	0.56%	0.68%

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

Rev H (2020-04)