

**DATE: 2023/9/18**

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

**S/N: 23723**

**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	1.0005	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9986	0.9988	0.9990
30.00	0.9966	0.9969	0.9974
40.00	0.9943	0.9949	0.9956
50.00	0.9922	0.9932	0.9940
60.00	0.9906	0.9921	0.9927
70.00	0.9902	0.9921	0.9923
80.00	0.9914	0.9937	0.9931
90.00	0.9945	0.9971	0.9955
100.00	1.0000	1.0028	0.9997
120.00	1.0201	1.0230	1.0156
140.00	1.0550	1.0575	1.0441
160.00	1.0967	1.0948	1.0801

### 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	2.501	2.500
<b>Cross-axis Coupling (g/g)</b>	0.68%	0.64%	0.72%

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

Rev H (2020-04)