

**DATE: 2023/9/15**

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

**S/N: 23720**

**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	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9990	0.9984
30.00	0.9980	0.9975	0.9962
40.00	0.9966	0.9959	0.9942
50.00	0.9953	0.9943	0.9926
60.00	0.9945	0.9929	0.9919
70.00	0.9945	0.9921	0.9922
80.00	0.9958	0.9923	0.9938
90.00	0.9985	0.9938	0.9968
100.00	1.0032	0.9971	1.0016
120.00	1.0203	1.0109	1.0179
140.00	1.0507	1.0382	1.0457
160.00	1.0880	1.0741	1.0781

### 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	2.499	2.500
<b>Cross-axis Coupling (g/g)</b>	0.76%	0.52%	0.16%

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

Rev H (2020-04)