

**DATE: 2022/8/1**

**REF TEK 147A-01/3/INT/SM Accelerometer**  
**S/N: 22030** **P/N: R-97996**

**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	0.9992	0.9992
30.00	0.9977	0.9981	0.9980
40.00	0.9961	0.9966	0.9966
50.00	0.9945	0.9950	0.9953
60.00	0.9932	0.9934	0.9941
70.00	0.9925	0.9922	0.9935
80.00	0.9928	0.9916	0.9938
90.00	0.9944	0.9920	0.9952
100.00	0.9975	0.9936	0.9979
120.00	1.0094	1.0020	1.0088
140.00	1.0294	1.0200	1.0275
160.00	1.0501	1.0441	1.0473

**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	2.501
<b>Cross-axis Coupling (g/g)</b>	0.44%	0.32%	0.32%

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

Rev H (2020-04)