

**DATE: 2022/8/2**

**REF TEK 147A-01/3/INT/SM Accelerometer**  
**S/N: 22023** **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	0.9992	0.9991	0.9992
30.00	0.9981	0.9979	0.9979
40.00	0.9969	0.9965	0.9965
50.00	0.9960	0.9952	0.9950
60.00	0.9957	0.9945	0.9939
70.00	0.9963	0.9947	0.9934
80.00	0.9984	0.9963	0.9940
90.00	1.0021	0.9995	0.9958
100.00	1.0078	1.0048	0.9993
120.00	1.0264	1.0233	1.0125
140.00	1.0537	1.0529	1.0354
160.00	1.0762	1.0784	1.0598

**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	2.501
<b>Cross-axis Coupling (g/g)</b>	0.20%	0.32%	0.32%

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

Rev H (2020-04)