

**DATE: 2022/8/3**

**REF TEK 147A-01/3/INT/SM Accelerometer**

**S/N: 22029**

**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	1.0002	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9992	0.9997
30.00	0.9987	0.9982	0.9992
40.00	0.9978	0.9970	0.9986
50.00	0.9969	0.9960	0.9981
60.00	0.9963	0.9955	0.9978
70.00	0.9961	0.9958	0.9979
80.00	0.9967	0.9974	0.9987
90.00	0.9984	1.0004	1.0003
100.00	1.0015	1.0051	1.0029
120.00	1.0141	1.0205	1.0126
140.00	1.0384	1.0433	1.0298
160.00	1.0708	1.0632	1.0502

**SENSITIVITIES**

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.500	2.500	2.501
<b>Cross-axis Coupling (g/g)</b>	0.04%	0.76%	0.84%

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

Rev H (2020-04)