

**REF TEK 147A-01/3/INT/SM2 Accelerometer**

**S/N: R3754**

**P/N: R-180-S002**

**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	1.0002	0.9999
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9994	1.0002
30.00	0.9988	0.9984	1.0002
40.00	0.9979	0.9971	0.9995
50.00	0.9968	0.9956	0.9984
60.00	0.9957	0.9938	0.9968
70.00	0.9947	0.9923	0.9952
80.00	0.9941	0.9908	0.9938
90.00	0.9940	0.9901	0.9933
100.00	0.9947	0.9902	0.9938
120.00	1.0000	0.9948	0.9997
140.00	1.0123	1.0085	1.0014
160.00	1.0274	1.0296	1.0305

**SENSITIVITIES**

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	1.250	1.250	1.250
<b>Cross-axis Coupling (g/g)</b>	0.76%	0.72%	0.84%

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

Rev J (2022-05)