

**DATE: 2023-10-25**

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

**S/N: R3778**

**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	1.0001	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9996	0.9995
30.00	0.9990	0.9989	0.9988
40.00	0.9984	0.9980	0.9978
50.00	0.9978	0.9970	0.9968
60.00	0.9976	0.9960	0.9958
70.00	0.9977	0.9953	0.9951
80.00	0.9987	0.9950	0.9949
90.00	1.0007	0.9955	0.9954
100.00	1.0039	0.9969	0.9970
120.00	1.0150	1.0047	1.0044
140.00	1.0323	1.0219	1.0193
160.00	1.0467	1.0460	1.0372

**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	1.251
<b>Cross-axis Coupling (g/g)</b>	0.04%	0.56%	0.40%

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

Rev J (2022-05)