

**DATE: 2023/9/4**

## **REF TEK 147A-01/3 Accelerometer**

**S/N: 23707**

**P/N: R-97499-00**

### 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	1.0004	1.0004	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9988	0.9993
30.00	0.9969	0.9971	0.9982
40.00	0.9947	0.9951	0.9970
50.00	0.9926	0.9931	0.9959
60.00	0.9910	0.9916	0.9951
70.00	0.9903	0.9910	0.9950
80.00	0.9912	0.9918	0.9960
90.00	0.9938	0.9944	0.9983
100.00	0.9987	0.9991	1.0024
120.00	1.0173	1.0171	1.0179
140.00	1.0496	1.0492	1.0458
160.00	1.0870	1.0881	1.0798

### 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	2.501	2.500
<b>Cross-axis Coupling (g/g)</b>	0.88%	0.28%	0.72%

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

Rev H (2020-04)