

**DATE: 2023/9/5**

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

**S/N: 23718**

**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	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9990	0.9988
30.00	0.9970	0.9976	0.9971
40.00	0.9949	0.9960	0.9951
50.00	0.9930	0.9946	0.9933
60.00	0.9916	0.9937	0.9918
70.00	0.9912	0.9937	0.9913
80.00	0.9923	0.9952	0.9922
90.00	0.9952	0.9984	0.9948
100.00	1.0003	1.0038	0.9996
120.00	1.0190	1.0228	1.0181
140.00	1.0514	1.0542	1.0518
160.00	1.0905	1.0876	1.0944

### 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	2.499	2.501
<b>Cross-axis Coupling (g/g)</b>	0.24%	0.40%	0.32%

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

Rev H (2020-04)