

**DATE: 2023/9/18**

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

**S/N: 23730**

**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	1.0005	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9985	0.9985	0.9988
30.00	0.9964	0.9964	0.9972
40.00	0.9940	0.9941	0.9955
50.00	0.9918	0.9920	0.9943
60.00	0.9903	0.9905	0.9939
70.00	0.9901	0.9903	0.9946
80.00	0.9916	0.9916	0.9970
90.00	0.9952	0.9948	1.0013
100.00	1.0013	1.0002	1.0077
120.00	1.0227	1.0199	1.0290
140.00	1.0572	1.0538	1.0640
160.00	1.0926	1.0928	1.0928

### SENSITIVITIES

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.501	2.499	2.499
<b>Cross-axis Coupling (g/g)</b>	0.40%	0.08%	0.80%

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

Rev H (2020-04)