

**DATE: 2022/7/15**

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

**S/N: 22746**

**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	1.0001	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9992	0.9998
30.00	0.9991	0.9979	0.9994
40.00	0.9984	0.9962	0.9991
50.00	0.9977	0.9944	0.9989
60.00	0.9971	0.9927	0.9989
70.00	0.9969	0.9913	0.9994
80.00	0.9973	0.9905	1.0006
90.00	0.9985	0.9907	1.0027
100.00	1.0007	0.9921	1.0058
120.00	1.0097	1.0004	1.0163
140.00	1.0263	1.0181	1.0331
160.00	1.0455	1.0407	1.0496

### SENSITIVITIES

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.499	2.500	2.500
<b>Cross-axis Coupling (g/g)</b>	0.52%	0.16%	0.56%

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

Rev H (2020-04)