

**DATE: 2023/12/1**

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

**S/N: 23765**

**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	1.0002	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9990	0.9990
30.00	0.9984	0.9976	0.9974
40.00	0.9975	0.9959	0.9956
50.00	0.9968	0.9944	0.9939
60.00	0.9967	0.9934	0.9926
70.00	0.9976	0.9934	0.9921
80.00	1.0000	0.9948	0.9931
90.00	1.0041	0.9979	0.9957
100.00	1.0093	1.0031	1.0004
120.00	1.0310	1.0216	1.0178
140.00	1.0631	1.0513	1.0476
160.00	1.0942	1.0804	1.0799

### 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	2.500	2.499
<b>Cross-axis Coupling (g/g)</b>	0.44%	0.76%	0.32%

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

Rev H (2020-04)