

**DATE: 2022/11/22**

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

**S/N: 22752**

**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	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9994	0.9992
30.00	0.9974	0.9986	0.9979
40.00	0.9956	0.9977	0.9965
50.00	0.9939	0.9971	0.9953
60.00	0.9928	0.9970	0.9946
70.00	0.9925	0.9978	0.9947
80.00	0.9935	0.9999	0.9961
90.00	0.9961	1.0034	0.9989
100.00	1.0006	1.0087	1.0035
120.00	1.0165	1.0264	1.0191
140.00	1.0429	1.0551	1.0443
160.00	1.0731	1.0867	1.0712

### 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>	0.12%	0.60%	0.20%

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

Rev H (2020-04)