

**DATE: 2023/11/22**

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

**S/N: 23741**

**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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9991	0.9991
30.00	0.9968	0.9979	0.9978
40.00	0.9947	0.9965	0.9964
50.00	0.9929	0.9952	0.9953
60.00	0.9919	0.9945	0.9947
70.00	0.9921	0.9945	0.9951
80.00	0.9939	0.9959	0.9971
90.00	0.9976	0.9987	1.0009
100.00	1.0033	1.0034	1.0069
120.00	1.0216	1.0196	1.0275
140.00	1.0482	1.0462	1.0607
160.00	1.0727	1.0760	1.0955

### 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	2.499
<b>Cross-axis Coupling (g/g)</b>	0.80%	0.76%	0.40%

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

Rev H (2020-04)