

**DATE: 2023/11/28**

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

**S/N: 23758**

**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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9992	0.9992
30.00	0.9973	0.9979	0.9979
40.00	0.9953	0.9965	0.9965
50.00	0.9933	0.9951	0.9952
60.00	0.9915	0.9941	0.9943
70.00	0.9904	0.9938	0.9942
80.00	0.9904	0.9946	0.9954
90.00	0.9918	0.9968	0.9981
100.00	0.9951	1.0008	1.0027
120.00	1.0090	1.0161	1.0191
140.00	1.0353	1.0431	1.0456
160.00	1.0674	1.0748	1.0722

### 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	2.501
<b>Cross-axis Coupling (g/g)</b>	0.60%	0.44%	0.20%

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

Rev H (2020-04)