

**DATE: 2023/9/8**

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

**S/N: 23728**

**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	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9987	0.9989
30.00	0.9971	0.9967	0.9973
40.00	0.9951	0.9945	0.9954
50.00	0.9934	0.9924	0.9935
60.00	0.9925	0.9908	0.9920
70.00	0.9928	0.9904	0.9913
80.00	0.9950	0.9916	0.9919
90.00	0.9994	0.9947	0.9942
100.00	1.0064	1.0002	0.9985
120.00	1.0300	1.0202	1.0153
140.00	1.0609	1.0542	1.0460
160.00	1.0936	1.0925	1.0836

### 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	2.501	2.500
<b>Cross-axis Coupling (g/g)</b>	0.60%	0.44%	0.04%

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

Rev H (2020-04)