

**DATE: 2022/7/13**

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

**S/N: 22738**

**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	1.0000	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	1.0000	0.9992	0.9998
30.00	1.0001	0.9981	0.9995
40.00	1.0001	0.9967	0.9993
50.00	1.0002	0.9955	0.9992
60.00	1.0004	0.9945	0.9994
70.00	1.0008	0.9943	1.0001
80.00	1.0018	0.9950	1.0018
90.00	1.0035	0.9971	1.0044
100.00	1.0062	1.0007	1.0083
120.00	1.0165	1.0141	1.0216
140.00	1.0346	1.0370	1.0437
160.00	1.0535	1.0623	1.0674

### 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	2.500	2.499
<b>Cross-axis Coupling (g/g)</b>	0.40%	0.40%	0.24%

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

Rev H (2020-04)