



DATE: 2025/10/23

REF TEK 147A-01/3 Accelerometer

S/N: 25709

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0005	0.9999
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9986	1.0002
30.00	0.9995	0.9966	1.0003
40.00	0.9989	0.9945	1.0002
50.00	0.9982	0.9929	1.0000
60.00	0.9974	0.9924	0.9996
70.00	0.9969	0.9933	0.9994
80.00	0.9968	0.9963	0.9998
90.00	0.9978	1.0014	1.0012
100.00	1.0002	1.0088	1.0041
120.00	1.0122	1.0317	1.0169
140.00	1.0382	1.0635	1.0425
160.00	1.0742	1.0895	1.0762

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.499	2.501
Cross-axis Coupling (g/g)	0.04%	0.52%	0.08%

* g = 9.81 m/s²

Rev L (2025-09)

