



DATE: 2025/10/23

REF TEK 147A-01/3 Accelerometer

S/N: 25724

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9987
30.00	0.9974	0.9982	0.9968
40.00	0.9957	0.9970	0.9945
50.00	0.9942	0.9962	0.9924
60.00	0.9933	0.9959	0.9908
70.00	0.9934	0.9967	0.9904
80.00	0.9951	0.9989	0.9915
90.00	0.9987	1.0028	0.9947
100.00	1.0046	1.0088	1.0002
120.00	1.0249	1.0277	1.0202
140.00	1.0570	1.0549	1.0525
160.00	1.0887	1.0767	1.0843

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.499
Cross-axis Coupling (g/g)	0.28%	0.24%	0.28%

* g = 9.81 m/s²

Rev L (2025-09)

