

DATE: 2025/10/9

REF TEK 147A-01/3 Accelerometer

S/N: 25701

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0001	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9997	0.9990
30.00	0.9985	0.9992	0.9976
40.00	0.9977	0.9986	0.9959
50.00	0.9970	0.9979	0.9942
60.00	0.9970	0.9974	0.9929
70.00	0.9979	0.9972	0.9923
80.00	1.0002	0.9978	0.9929
90.00	1.0040	0.9994	0.9950
100.00	1.0099	1.0026	0.9991
120.00	1.0287	1.0160	1.0149
140.00	1.0570	1.0428	1.0434
160.00	1.0824	1.0785	1.0777

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.500	2.500
Cross-axis Coupling (g/g)	0.28%	0.32%	0.16%

* g = 9.81 m/s²

Rev L (2025-09)