



DATE: 2025/10/23

REF TEK 147A-01/3 Accelerometer

S/N: 25712

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	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9989	0.9993
30.00	0.9970	0.9973	0.9981
40.00	0.9948	0.9955	0.9968
50.00	0.9928	0.9939	0.9955
60.00	0.9913	0.9927	0.9945
70.00	0.9907	0.9925	0.9942
80.00	0.9914	0.9938	0.9949
90.00	0.9939	0.9966	0.9968
100.00	0.9984	1.0015	1.0004
120.00	1.0155	1.0181	1.0144
140.00	1.0451	1.0436	1.0395
160.00	1.0799	1.0670	1.0691

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.499	2.501
Cross-axis Coupling (g/g)	0.32%	0.44%	0.20%

* g = 9.81 m/s²

Rev L (2025-09)

