

DATE: 2025/10/22

REF TEK 147A-01/3 Accelerometer

S/N: 25717

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	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9993	0.9992
30.00	0.9970	0.9983	0.9981
40.00	0.9948	0.9972	0.9968
50.00	0.9928	0.9962	0.9957
60.00	0.9913	0.9957	0.9951
70.00	0.9907	0.9959	0.9953
80.00	0.9916	0.9974	0.9969
90.00	0.9943	1.0003	0.9999
100.00	0.9991	1.0050	1.0050
120.00	1.0172	1.0210	1.0226
140.00	1.0472	1.0458	1.0515
160.00	1.0781	1.0688	1.0816

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)	0.36%	0.04%	0.32%

* g = 9.81 m/s²

Rev L (2025-09)