

DATE: 2025/10/23

REF TEK 147A-01/3 Accelerometer

S/N: 25725

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9986	0.9993	0.9990
30.00	0.9966	0.9982	0.9976
40.00	0.9943	0.9970	0.9959
50.00	0.9923	0.9959	0.9944
60.00	0.9910	0.9952	0.9933
70.00	0.9909	0.9952	0.9930
80.00	0.9926	0.9965	0.9941
90.00	0.9964	0.9992	0.9968
100.00	1.0027	1.0036	1.0015
120.00	1.0234	1.0191	1.0187
140.00	1.0536	1.0441	1.0471
160.00	1.0785	1.0690	1.0760

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.501
Cross-axis Coupling (g/g)	0.36%	0.28%	0.28%

* g = 9.81 m/s²

Rev L (2025-09)