

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24836

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9988
30.00	0.9979	0.9978	0.9970
40.00	0.9965	0.9963	0.9949
50.00	0.9953	0.9948	0.9928
60.00	0.9945	0.9937	0.9911
70.00	0.9947	0.9933	0.9902
80.00	0.9962	0.9940	0.9905
90.00	0.9992	0.9961	0.9923
100.00	1.0041	0.9999	0.9961
120.00	1.0209	1.0139	1.0106
140.00	1.0470	1.0366	1.0351
160.00	1.0714	1.0584	1.0601

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)	0.04%	0.04%	0.08%

* g = 9.80 m/s²

Rev H (2020-04)