

DATE: 2025/10/21

REF TEK 147A-01/3 Accelerometer

S/N: 25714

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	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9986	0.9987	0.9989
30.00	0.9965	0.9968	0.9973
40.00	0.9943	0.9948	0.9954
50.00	0.9924	0.9932	0.9938
60.00	0.9913	0.9924	0.9927
70.00	0.9915	0.9929	0.9925
80.00	0.9935	0.9952	0.9937
90.00	0.9972	0.9993	0.9965
100.00	1.0031	1.0055	1.0013
120.00	1.0220	1.0245	1.0180
140.00	1.0502	1.0513	1.0456
160.00	1.0791	1.0752	1.0758

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.500	2.501
Cross-axis Coupling (g/g)	0.28%	0.32%	0.32%

* g = 9.81 m/s²

Rev L (2025-09)