

DATE: 2025/10/9

REF TEK 147A-01/3 Accelerometer

S/N: 25707

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	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9991	0.9992
30.00	0.9980	0.9978	0.9980
40.00	0.9966	0.9963	0.9966
50.00	0.9953	0.9948	0.9953
60.00	0.9944	0.9937	0.9945
70.00	0.9943	0.9934	0.9945
80.00	0.9955	0.9942	0.9957
90.00	0.9981	0.9966	0.9985
100.00	1.0028	1.0009	1.0031
120.00	1.0199	1.0170	1.0195
140.00	1.0496	1.0455	1.0461
160.00	1.0836	1.0792	1.0728

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.501	2.501
Cross-axis Coupling (g/g)	0.08%	0.16%	0.20%

* g = 9.81 m/s²

Rev L (2025-09)