



DATE: 2025/10/9

REF TEK 147A-01/3 Accelerometer

S/N: 25702

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	1.0004	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9990	0.9986
30.00	0.9978	0.9975	0.9966
40.00	0.9963	0.9957	0.9944
50.00	0.9950	0.9939	0.9925
60.00	0.9940	0.9925	0.9914
70.00	0.9938	0.9919	0.9915
80.00	0.9949	0.9925	0.9932
90.00	0.9975	0.9947	0.9969
100.00	1.0019	0.9989	1.0027
120.00	1.0181	1.0153	1.0222
140.00	1.0448	1.0450	1.0526
160.00	1.0721	1.0806	1.0835

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.499
Cross-axis Coupling (g/g)	0.16%	0.56%	0.64%

* g = 9.81 m/s²

Rev L (2025-09)

