

DATE: 2025/12/18

REF TEK 147A-01/3 Accelerometer

S/N: 25771

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9989	0.9989
30.00	0.9980	0.9973	0.9973
40.00	0.9967	0.9955	0.9955
50.00	0.9957	0.9939	0.9939
60.00	0.9953	0.9929	0.9927
70.00	0.9958	0.9928	0.9924
80.00	0.9978	0.9942	0.9936
90.00	1.0013	0.9971	0.9963
100.00	1.0069	1.0019	1.0010
120.00	1.0256	1.0188	1.0176
140.00	1.0555	1.0469	1.0449
160.00	1.0877	1.0792	1.0736

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.501	2.500
Cross-axis Coupling (g/g)	0.12%	0.44%	0.68%

* g = 9.81 m/s²

Rev L (2025-09)