

DATE: 2025/6/12

REF TEK 147A-01/3 Accelerometer

S/N: 24867

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	0.9990	0.9988
30.00	0.9978	0.9976	0.9970
40.00	0.9963	0.9960	0.9951
50.00	0.9950	0.9944	0.9935
60.00	0.9942	0.9933	0.9926
70.00	0.9943	0.9929	0.9929
80.00	0.9958	0.9938	0.9947
90.00	0.9988	0.9961	0.9981
100.00	1.0038	1.0002	1.0035
120.00	1.0206	1.0151	1.0213
140.00	1.0467	1.0398	1.0496
160.00	1.0709	1.0656	1.0805

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)	0.52%	0.08%	0.40%

* g = 9.80 m/s²

Rev H (2020-04)