

DATE: 2025/5/9

REF TEK 147A-01/3 Accelerometer

S/N: 24853

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9994
30.00	0.9983	0.9978	0.9986
40.00	0.9972	0.9962	0.9977
50.00	0.9964	0.9948	0.9971
60.00	0.9961	0.9938	0.9970
70.00	0.9967	0.9936	0.9978
80.00	0.9987	0.9945	1.0000
90.00	1.0023	0.9970	1.0037
100.00	1.0079	1.0012	1.0093
120.00	1.0271	1.0168	1.0276
140.00	1.0584	1.0437	1.0551
160.00	1.0919	1.0747	1.0799

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.499	2.501
Cross-axis Coupling (g/g)	0.80%	0.16%	0.32%

* g = 9.80 m/s²

Rev H (2020-04)