

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24862

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	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9993	0.9994
30.00	0.9984	0.9983	0.9985
40.00	0.9973	0.9971	0.9975
50.00	0.9963	0.9960	0.9966
60.00	0.9957	0.9952	0.9961
70.00	0.9957	0.9951	0.9963
80.00	0.9970	0.9960	0.9975
90.00	0.9997	0.9982	0.9999
100.00	1.0042	1.0021	1.0039
120.00	1.0210	1.0164	1.0181
140.00	1.0501	1.0411	1.0432
160.00	1.0826	1.0692	1.0746

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.499	2.501
Cross-axis Coupling (g/g)	0.56%	0.32%	0.24%

* g = 9.80 m/s²

Rev H (2020-04)