

DATE: 2025/6/12

REF TEK 147A-01/3 Accelerometer

S/N: 24870

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9988	0.9991
30.00	0.9990	0.9971	0.9977
40.00	0.9983	0.9951	0.9962
50.00	0.9978	0.9932	0.9947
60.00	0.9975	0.9918	0.9937
70.00	0.9978	0.9914	0.9935
80.00	0.9991	0.9924	0.9944
90.00	1.0013	0.9952	0.9969
100.00	1.0051	1.0001	1.0012
120.00	1.0184	1.0177	1.0169
140.00	1.0419	1.0469	1.0432
160.00	1.0702	1.0779	1.0718

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.499	2.499
Cross-axis Coupling (g/g)	0.08%	0.16%	0.20%

* g = 9.80 m/s²

Rev H (2020-04)