

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24840

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0006	1.0004	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9990	0.9986
30.00	0.9976	0.9975	0.9966
40.00	0.9962	0.9957	0.9944
50.00	0.9949	0.9940	0.9923
60.00	0.9941	0.9927	0.9908
70.00	0.9941	0.9922	0.9906
80.00	0.9953	0.9928	0.9920
90.00	0.9980	0.9948	0.9953
100.00	1.0025	0.9985	1.0010
120.00	1.0190	1.0128	1.0206
140.00	1.0471	1.0382	1.0510
160.00	1.0782	1.0686	1.0809

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.501
Cross-axis Coupling (g/g)	0.20%	0.20%	0.16%

* g = 9.80 m/s²

Rev H (2020-04)