

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24841

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	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9992	0.9986
30.00	0.9977	0.9979	0.9965
40.00	0.9960	0.9965	0.9941
50.00	0.9945	0.9951	0.9921
60.00	0.9933	0.9940	0.9908
70.00	0.9930	0.9935	0.9908
80.00	0.9938	0.9942	0.9925
90.00	0.9961	0.9962	0.9961
100.00	1.0004	1.0000	1.0017
120.00	1.0162	1.0146	1.0191
140.00	1.0430	1.0409	1.0406
160.00	1.0716	1.0723	1.0526

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.499	2.500
Cross-axis Coupling (g/g)	0.24%	0.12%	0.04%

* g = 9.80 m/s²

Rev H (2020-04)