

DATE: 2024/5/31

REF TEK 147A-01/3 Accelerometer

S/N: 23744

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0009	1.0004	1.0021
10.00	1.0000	1.0000	1.0000
20.00	0.9978	0.9989	0.9978
30.00	0.9954	0.9972	0.9960
40.00	0.9935	0.9954	0.9944
50.00	0.9924	0.9937	0.9932
60.00	0.9923	0.9926	0.9927
70.00	0.9934	0.9926	0.9934
80.00	0.9961	0.9942	0.9958
90.00	1.0003	0.9975	1.0002
100.00	1.0063	1.0030	1.0070
120.00	1.0254	1.0220	1.0296
140.00	1.0540	1.0515	1.0646
160.00	1.0819	1.0804	1.0985

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)	0.24%	0.20%	0.64%

* g = 9.80 m/s²

Rev H (2020-04)