

DATE: 2023/9/19

REF TEK 147A-01/3 Accelerometer

S/N: 23734

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	1.0004	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9990	0.9988
30.00	0.9989	0.9974	0.9974
40.00	0.9981	0.9954	0.9959
50.00	0.9974	0.9934	0.9945
60.00	0.9969	0.9916	0.9934
70.00	0.9969	0.9905	0.9929
80.00	0.9979	0.9906	0.9936
90.00	1.0001	0.9923	0.9958
100.00	1.0040	0.9961	0.9998
120.00	1.0190	1.0125	1.0159
140.00	1.0475	1.0447	1.0463
160.00	1.0840	1.0860	1.0854

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.501	2.500
Cross-axis Coupling (g/g)	0.84%	0.40%	0.36%

* g = 9.80 m/s²

Rev H (2020-04)