

DATE: 2023/11/24

REF TEK 147A-01/3 Accelerometer

S/N: 23755

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9990	0.9991
30.00	0.9973	0.9974	0.9978
40.00	0.9954	0.9956	0.9963
50.00	0.9935	0.9938	0.9949
60.00	0.9919	0.9923	0.9939
70.00	0.9911	0.9916	0.9939
80.00	0.9914	0.9920	0.9951
90.00	0.9932	0.9939	0.9980
100.00	0.9970	0.9977	1.0030
120.00	1.0120	1.0127	1.0210
140.00	1.0393	1.0395	1.0515
160.00	1.0712	1.0704	1.0849

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.501	2.499
Cross-axis Coupling (g/g)	0.44%	0.08%	0.20%

* g = 9.80 m/s²

Rev H (2020-04)