

DATE: 2023-12-07

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3784

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9988	0.9991
30.00	0.9979	0.9970	0.9978
40.00	0.9965	0.9949	0.9962
50.00	0.9954	0.9928	0.9947
60.00	0.9949	0.9909	0.9935
70.00	0.9954	0.9900	0.9930
80.00	0.9974	0.9902	0.9935
90.00	1.0012	0.9920	0.9955
100.00	1.0071	0.9959	0.9993
120.00	1.0271	1.0118	1.0142
140.00	1.0584	1.0417	1.0413
160.00	1.0896	1.0795	1.0743

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.44%	0.04%	0.32%

* g = 9.80 m/s²

Rev J (2022-05)