

DATE: 2023-03-27

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

S/N: R3761

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	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9993	0.9994
30.00	0.9979	0.9983	0.9985
40.00	0.9964	0.9971	0.9974
50.00	0.9950	0.9960	0.9963
60.00	0.9938	0.9953	0.9955
70.00	0.9932	0.9954	0.9952
80.00	0.9936	0.9965	0.9958
90.00	0.9952	0.9990	0.9975
100.00	0.9985	1.0033	1.0006
120.00	1.0115	1.0186	1.0129
140.00	1.0354	1.0453	1.0358
160.00	1.0642	1.0768	1.0645

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.56%	0.48%	0.28%

* g = 9.80 m/s²

Rev J (2022-05)