

DATE: 2022-12-20

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

S/N: R3794

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9989
30.00	0.9975	0.9981	0.9973
40.00	0.9959	0.9969	0.9954
50.00	0.9945	0.9958	0.9936
60.00	0.9937	0.9952	0.9922
70.00	0.9938	0.9953	0.9915
80.00	0.9954	0.9965	0.9920
90.00	0.9987	0.9992	0.9940
100.00	1.0040	1.0035	0.9979
120.00	1.0217	1.0185	1.0125
140.00	1.0488	1.0428	1.0374
160.00	1.0747	1.0675	1.0643

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.16%	0.08%	0.36%

* g = 9.80 m/s²

Rev J (2022-05)