

DATE: 2024-12-05

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

S/N: R3883

P/N: R-180-S002

DAS: 34111

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9990	0.9990
30.00	0.9984	0.9974	0.9976
40.00	0.9971	0.9955	0.9959
50.00	0.9959	0.9937	0.9943
60.00	0.9948	0.9920	0.9930
70.00	0.9942	0.9912	0.9924
80.00	0.9945	0.9913	0.9930
90.00	0.9960	0.9929	0.9951
100.00	0.9992	0.9962	0.9989
120.00	1.0126	1.0099	1.0134
140.00	1.0387	1.0345	1.0374
160.00	1.0711	1.0631	1.0611

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.52%	0.68%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)