

DATE: 2024-09-18

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

S/N: R3850

P/N: R-180-S002

DAS: 34090

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9991	0.9987
30.00	0.9973	0.9978	0.9967
40.00	0.9955	0.9963	0.9946
50.00	0.9941	0.9951	0.9926
60.00	0.9934	0.9944	0.9914
70.00	0.9939	0.9946	0.9915
80.00	0.9961	0.9963	0.9974
90.00	1.0003	0.9996	0.9974
100.00	1.0069	1.0049	1.0039
120.00	1.0282	1.0229	1.0257
140.00	1.0603	1.0512	1.0584
160.00	1.0914	1.0799	1.0880

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.12%	0.12%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)