

DATE: 2024-07-24

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

S/N: R3822

P/N: R-180-S002

DAS: 3406B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0002	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9993	0.9988
30.00	0.9974	0.9984	0.9971
40.00	0.9957	0.9973	0.9952
50.00	0.9943	0.9965	0.9934
60.00	0.9936	0.9961	0.9923
70.00	0.9940	0.9964	0.9923
80.00	0.9962	0.9978	0.9939
90.00	1.0003	1.0003	0.9974
100.00	1.0067	1.0043	1.0033
120.00	1.0278	1.0185	1.0239
140.00	1.0587	1.0431	1.0574
160.00	1.0847	1.0725	1.0922

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)	0.32%	0.20%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)