

DATE: 2024-05-31

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

S/N: R3818

P/N: R-180-S002

DAS: 3406C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0005	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9985	0.9986
30.00	0.9972	0.9964	0.9967
40.00	0.9953	0.9940	0.9946
50.00	0.9936	0.9920	0.9929
60.00	0.9924	0.9909	0.9920
70.00	0.9923	0.9913	0.9925
80.00	0.9937	0.9939	0.9950
90.00	0.9969	0.9989	0.9995
100.00	1.0023	1.0068	1.0064
120.00	1.0211	1.0321	1.0285
140.00	1.0516	1.0676	1.0602
160.00	1.0844	1.0953	1.0880

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.52%	0.48%	0.64%

* g = 9.80 m/s²

Rev K (2024-01)