

DATE: 2024-09-18

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

S/N: R3856

P/N: R-180-S002

DAS: 34096

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9990	0.9994
30.00	0.9982	0.9976	0.9986
40.00	0.9970	0.9959	0.9976
50.00	0.9960	0.9944	0.9968
60.00	0.9956	0.9933	0.9964
70.00	0.9961	0.9931	0.9966
80.00	0.9979	0.9942	0.9979
90.00	1.0012	0.9968	1.0005
100.00	1.0063	1.0013	1.0048
120.00	1.0226	1.0172	1.0200
140.00	1.0466	1.0428	1.0464
160.00	1.0674	1.0686	1.0776

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)	0.28%	0.04%	0.48%

* g = 9.80 m/s²

Rev K (2024-01)