

DATE: 2024-09-18

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

S/N: R3861

P/N: R-180-S002

DAS: 3409B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0009	1.0002	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9980	0.9994	0.9993
30.00	0.9958	0.9986	0.9987
40.00	0.9942	0.9976	0.9981
50.00	0.9934	0.9968	0.9976
60.00	0.9935	0.9963	0.9975
70.00	0.9945	0.9966	0.9980
80.00	0.9969	0.9979	0.9994
90.00	1.0005	1.0005	1.0021
100.00	1.0058	1.0048	1.0063
120.00	1.0226	1.0200	1.0216
140.00	1.0488	1.0456	1.0492
160.00	1.0755	1.0740	1.0841

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.32%	0.48%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)