

DATE: 2024-09-18

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

S/N: R3860

P/N: R-180-S002

DAS: 3409A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9993	0.9988
30.00	0.9969	0.9983	0.9970
40.00	0.9949	0.9971	0.9949
50.00	0.9932	0.9961	0.9930
60.00	0.9923	0.9956	0.9916
70.00	0.9929	0.9959	0.9913
80.00	0.9953	0.9975	0.9924
90.00	1.0000	1.0004	0.9954
100.00	1.0071	1.0052	1.0006
120.00	1.0299	1.0214	1.0195
140.00	1.0613	1.0474	1.0505
160.00	1.0834	1.0742	1.0832

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)	0.44%	0.40%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)