

DATE: 2025-08-08

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

S/N: R3901

P/N: R-180-S002

DAS: 34123

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0009	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9981	0.9994
30.00	0.9983	0.9964	0.9986
40.00	0.9971	0.9949	0.9976
50.00	0.9962	0.9939	0.9969
60.00	0.9957	0.9936	0.9966
70.00	0.9961	0.9943	0.9970
80.00	0.9977	0.9966	0.9985
90.00	1.0009	1.0006	1.0013
100.00	1.0061	1.0067	1.0056
120.00	1.0241	1.0270	1.0204
140.00	1.0549	1.0592	1.0448
160.00	1.0907	1.0918	1.0724

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)	0.28%	0.16%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)