

DATE: 2025-07-22

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

S/N: R3918

P/N: R-180-S002

DAS: 34134

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	0.9993	0.9993
30.00	0.9980	0.9982	0.9983
40.00	0.9966	0.9969	0.9971
50.00	0.9954	0.9958	0.9960
60.00	0.9947	0.9950	0.9953
70.00	0.9948	0.9949	0.9954
80.00	0.9961	0.9960	0.9967
90.00	0.9988	0.9983	0.9994
100.00	1.0033	1.0023	1.0039
120.00	1.0191	1.0165	1.0203
140.00	1.0450	1.0405	1.0487
160.00	1.0730	1.0672	1.0826

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)	0.32%	0.24%	0.40%

* g = 9.80 m/s²

Rev K (2024-01)