

DATE: 2025-08-08

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

S/N: R3920

P/N: R-180-S002

DAS: 34136

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9994	0.9994
30.00	0.9985	0.9985	0.9985
40.00	0.9975	0.9976	0.9976
50.00	0.9968	0.9968	0.9967
60.00	0.9966	0.9964	0.9961
70.00	0.9972	0.9967	0.9962
80.00	0.9991	0.9981	0.9973
90.00	1.0024	1.0009	0.9996
100.00	1.0075	1.0052	1.0036
120.00	1.0243	1.0205	1.0181
140.00	1.0502	1.0460	1.0433
160.00	1.0754	1.0747	1.0722

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.52%	0.32%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)