

DATE: 2025-07-22

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

S/N: R3919

P/N: R-180-S002

DAS: 34135

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9994	0.9994
30.00	0.9990	0.9998	0.9985
40.00	0.9984	0.9974	0.9975
50.00	0.9980	0.9964	0.9967
60.00	0.9981	0.9958	0.9963
70.00	0.9988	0.9959	0.9966
80.00	1.0007	0.9970	0.9982
90.00	1.0038	0.9992	1.0011
100.00	1.0086	1.0030	1.0057
120.00	1.0251	1.0165	1.0222
140.00	1.0532	1.0394	1.0506
160.00	1.0866	1.0652	1.0840

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)