

DATE: 2025-07-22

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

S/N: R3921

P/N: R-180-S002

DAS: 34137

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9991	0.9990
30.00	0.9975	0.9978	0.9976
40.00	0.9957	0.9962	0.9959
50.00	0.9941	0.9948	0.9944
60.00	0.9928	0.9937	0.9933
70.00	0.9924	0.9934	0.9931
80.00	0.9934	0.9944	0.9943
90.00	0.9959	0.9969	0.9970
100.00	1.0006	1.0014	1.0019
120.00	1.0183	1.0178	1.0193
140.00	1.0490	1.0462	1.0484
160.00	1.0834	1.0778	1.0791

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)	0.12%	0.08%	0.28%

* g = 9.80 m/s²

Rev K (2024-01)