

DATE: 2025-07-25

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

S/N: R3914

P/N: R-180-S002

DAS: 34130

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9988	0.9991
30.00	0.9969	0.9971	0.9978
40.00	0.9948	0.9950	0.9963
50.00	0.9928	0.9931	0.9951
60.00	0.9913	0.9915	0.9943
70.00	0.9909	0.9909	0.9945
80.00	0.9920	0.9916	0.9961
90.00	0.9950	0.9941	0.9995
100.00	1.0004	0.9988	1.0050
120.00	1.0202	1.0166	1.0239
140.00	1.0534	1.0473	1.0545
160.00	1.0894	1.0805	1.0852

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.44%	0.32%	0.76%

* g = 9.80 m/s²

Rev K (2024-01)