

DATE: 2025-07-22

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

S/N: R3915

P/N: R-180-S002

DAS: 34131

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9991	0.9991
30.00	0.9985	0.9979	0.9978
40.00	0.9975	0.9965	0.9964
50.00	0.9966	0.9952	0.9952
60.00	0.9961	0.9944	0.9945
70.00	0.9961	0.9440	0.9948
80.00	0.9972	0.9956	0.9965
90.00	0.9996	0.9983	0.9997
100.00	1.0037	1.0028	1.0049
120.00	1.0186	1.0186	1.0218
140.00	1.0452	1.0439	1.0468
160.00	1.0769	1.0697	1.0678

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)	0.04%	0.28%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)