

DATE: 2025-07-22

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

S/N: R3898

P/N: R-180-S002

DAS: 34120

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9989
30.00	0.9978	0.9979	0.9974
40.00	0.9964	0.9965	0.9956
50.00	0.9951	0.9951	0.9941
60.00	0.9943	0.9942	0.9930
70.00	0.9944	0.9940	0.9930
80.00	0.9958	0.9950	0.9943
90.00	0.9989	0.9973	0.9973
100.00	1.0041	1.0012	1.0023
120.00	1.0224	1.0159	1.0199
140.00	1.0533	1.0418	1.0488
160.00	1.0879	1.0738	1.0805

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%	0.20%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)