

DATE: 2025-07-24

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

S/N: R3903

P/N: R-180-S002

DAS: 34125

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0040
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9990	0.9989
30.00	0.9980	0.9975	0.9973
40.00	0.9968	0.9959	0.9955
50.00	0.9958	0.9945	0.9937
60.00	0.9955	0.9938	0.9923
70.00	0.9963	0.9941	0.9919
80.00	0.9988	0.9960	0.9928
90.00	1.0030	0.9996	0.9954
100.00	1.0093	1.0054	1.0001
120.00	1.0301	1.0249	1.0178
140.00	1.0617	1.0564	1.0479
160.00	1.0921	1.0906	1.0803

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%	0.84%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)