

DATE: 2025-01-28

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

S/N: R3888

P/N: R-180-S002

DAS: 34116

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9989	0.9990
30.00	0.9975	0.9973	0.9974
40.00	0.9957	0.9954	0.9955
50.00	0.9941	0.9936	0.9935
60.00	0.9928	0.9920	0.9918
70.00	0.9924	0.9913	0.9908
80.00	0.9932	0.9918	0.9908
90.00	0.9958	0.9938	0.9922
100.00	1.0004	0.9978	0.9953
120.00	1.0180	1.0138	1.0088
140.00	1.0487	1.0427	1.0341
160.00	1.0839	1.0771	1.0652

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)	0.20%	0.32%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)