

DATE: 2025-01-27

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

S/N: R3893

P/N: R-180-S002

DAS: 3411B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9990	0.9990
30.00	0.9977	0.9974	0.9975
40.00	0.9961	0.9956	0.9956
50.00	0.9945	0.9938	0.9939
60.00	0.9932	0.9922	0.9925
70.00	0.9927	0.9914	0.9920
80.00	0.9932	0.9916	0.9928
90.00	0.9952	0.9933	0.9951
100.00	0.9990	0.9969	0.9996
120.00	1.0138	1.0112	1.0167
140.00	1.0401	1.0374	1.0474
160.00	1.0705	1.0687	1.0836

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)	0.52%	0.40%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)