

DATE: 2025-07-22

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

S/N: R3913

P/N: R-180-S002

DAS: 3412F

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9985	0.9990	0.9992
30.00	0.9964	0.9976	0.9980
40.00	0.9940	0.9959	0.9966
50.00	0.9918	0.9943	0.9953
60.00	0.9904	0.9933	0.9943
70.00	0.9903	0.9931	0.9941
80.00	0.9920	0.9944	0.9949
90.00	0.9960	0.9974	0.9970
100.00	1.0026	1.0027	1.0009
120.00	1.0246	1.0218	1.0156
140.00	1.0572	1.0536	1.0419
160.00	1.0849	1.0868	1.0736

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.36%	0.08%	0.28%

* g = 9.80 m/s²

Rev K (2024-01)