

DATE: 2025-08-25

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

S/N: R3924

P/N: R-180-S002

DAS: 3413A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0002	1.0030
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9995	0.9990
30.00	0.9985	0.9988	0.9976
40.00	0.9975	0.9981	0.9961
50.00	0.9965	0.9974	0.9949
60.00	0.9958	0.9971	0.9942
70.00	0.9958	0.9974	0.9945
80.00	0.9969	0.9987	0.9963
90.00	0.9992	1.0012	0.9998
100.00	1.0033	1.0054	1.0052
120.00	1.0184	1.0203	1.0234
140.00	1.0450	1.0466	1.0527
160.00	1.0748	1.0773	1.0840

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)	0.08%	0.28%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)