

DATE: 2025-12-02

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

S/N: R3944

P/N: R-97499-CM

DAS: 3414E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0005	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9987	0.9990
30.00	0.9969	0.9967	0.9976
40.00	0.9947	0.9944	0.9961
50.00	0.9926	0.9923	0.9947
60.00	0.9910	0.9907	0.9940
70.00	0.9902	0.9902	0.9944
80.00	0.9908	0.9913	0.9962
90.00	0.9931	0.9943	0.9998
100.00	0.9974	0.9995	1.0053
120.00	1.0138	1.0178	1.0237
140.00	1.0418	1.0459	1.0512
160.00	1.0722	1.0711	1.0764

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.2505.
Cross-axis Coupling (g/g)	0.44%	0.16%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)