

DATE: 2025-12-01

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

S/N: R3941

P/N: R-97499-CM

DAS: 3414B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0008	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9982	0.9991	0.9990
30.00	0.9962	0.9977	0.9974
40.00	0.9944	0.9961	0.9956
50.00	0.9931	0.9947	0.9939
60.00	0.9924	0.9938	0.9926
70.00	0.9927	0.9937	0.9920
80.00	0.9944	0.9950	0.9928
90.00	0.9978	0.9978	0.9951
100.00	1.0033	1.0026	0.9995
120.00	1.0225	1.0196	1.0161
140.00	1.0542	1.0486	1.0457
160.00	1.0878	1.0827	1.0801

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.44%	0.16%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)