

DATE: 2025-12-01

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

S/N: R3940

P/N: R-97499-CM

DAS: 3414A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9990	0.9988
30.00	0.9973	0.9975	0.9971
40.00	0.9955	0.9958	0.9952
50.00	0.9940	0.9943	0.9935
60.00	0.9932	0.9933	0.9924
70.00	0.9937	0.9933	0.9924
80.00	0.9960	0.9949	0.9941
90.00	1.0003	0.9982	0.9978
100.00	1.0072	1.0037	1.0038
120.00	1.0299	1.0236	1.0245
140.00	1.0647	1.0573	1.0573
160.00	1.0975	1.0957	1.0896

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)	0.04%	0.16%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)