

DATE: 2025-12-02

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

S/N: R3942

P/N: R-97499-CM

DAS: 3414C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9993	0.9992
30.00	0.9978	0.9984	0.9979
40.00	0.9964	0.9974	0.9965
50.00	0.9951	0.9965	0.9953
60.00	0.9944	0.9961	0.9945
70.00	0.9946	0.9964	0.9945
80.00	0.9963	0.9980	0.9959
90.00	0.9997	1.0010	0.9989
100.00	1.0053	1.0058	1.0039
120.00	1.0250	1.0223	1.0217
140.00	1.0581	1.0490	1.0522
160.00	1.0958	1.0769	1.0875

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.20%	0.08%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)