

DATE: 2025-12-01

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

S/N: R3934

P/N: R-97499-CM

DAS: 34144

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9990	0.9990
30.00	0.9984	0.9975	0.9976
40.00	0.9972	0.9958	0.9959
50.00	0.9961	0.9940	0.9942
60.00	0.9952	0.9925	0.9928
70.00	0.9949	0.9917	0.9921
80.00	0.9956	0.9919	0.9925
90.00	0.9976	0.9936	0.9944
100.00	1.0013	0.9970	0.9981
120.00	1.0159	1.0109	1.0127
140.00	1.0423	1.0362	1.0386
160.00	1.0728	1.0659	1.0680

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.20%	0.16%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)