

DATE: 2025-12-02

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

S/N: R3947

P/N: R-97499-CM

DAS: 34151

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9986	0.9992	0.9990
30.00	0.9966	0.9981	0.9975
40.00	0.9945	0.9969	0.9959
50.00	0.9929	0.9959	0.9944
60.00	0.9922	0.9955	0.9935
70.00	0.9929	0.9960	0.9936
80.00	0.9955	0.9980	0.9952
90.00	1.0000	1.0016	0.9985
100.00	1.0066	1.0073	1.0038
120.00	1.0267	1.0263	1.0221
140.00	1.0541	1.0565	1.0507
160.00	1.0752	1.0870	1.0792

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)	0.28%	0.72%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)