

DATE: 2024-07-24

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

S/N: R3827

P/N: R-180-S002

DAS: 34079

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9988	0.9986
30.00	0.9976	0.9970	0.9965
40.00	0.9962	0.9951	0.9943
50.00	0.9951	0.9934	0.9924
60.00	0.9945	0.9922	0.9912
70.00	0.9947	0.9920	0.9911
80.00	0.9961	0.9932	0.9925
90.00	0.9988	0.9958	0.9955
100.00	1.0031	1.0003	1.0004
120.00	1.0181	1.0155	1.0170
140.00	1.0445	1.0400	1.0437
160.00	1.0768	1.0661	1.0728

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.16%	0.32%	0.40%

* g = 9.80 m/s²

Rev K (2024-01)