

DATE: 2024-07-24

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

S/N: R3825

P/N: R-180-S002

DAS: 34077

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9991
30.00	0.9982	0.9977	0.9979
40.00	0.9969	0.9962	0.9964
50.00	0.9958	0.9948	0.9951
60.00	0.9950	0.9938	0.9943
70.00	0.9948	0.9937	0.9942
80.00	0.9957	0.9949	0.9955
90.00	0.9980	0.9977	0.9981
100.00	1.0020	1.0025	1.0026
120.00	1.0167	1.0198	1.0181
140.00	1.0429	1.0493	1.0143
160.00	1.0740	1.0836	1.0674

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.20%	0.36%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)