

DATE: 2024-09-12

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

S/N: R3839

P/N: R-180-S002

DAS: 34085

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9991	0.9991
30.00	0.9973	0.9978	0.9979
40.00	0.9954	0.9963	0.9964
50.00	0.9935	0.9949	0.9951
60.00	0.9918	0.9940	0.9942
70.00	0.9910	0.9938	0.9942
80.00	0.9913	0.9949	0.9955
90.00	0.9932	0.9975	0.9983
100.00	0.9970	1.0020	1.0032
120.00	1.0120	1.0183	1.0212
140.00	1.0392	1.0453	1.0526
160.00	1.0709	1.0740	1.0893

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)	0.28%	0.52%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)