

DATE: 2024-09-23

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

S/N: R3866

P/N: R-180-S002

DAS: 34100

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9988	0.9992
30.00	0.9973	0.9971	0.9981
40.00	0.9954	0.9952	0.9969
50.00	0.9937	0.9934	0.9960
60.00	0.9926	0.9922	0.9956
70.00	0.9924	0.9920	0.9963
80.00	0.9937	0.9933	0.9984
90.00	0.9967	0.9964	1.0022
100.00	1.0018	1.0017	1.0080
120.00	1.0192	1.0196	1.0270
140.00	1.0457	1.0465	1.0565
160.00	1.0691	1.0695	1.0859

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.80%	0.12%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)