

DATE: 2024-10-15

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

S/N: R3868

P/N: R-180-S002

DAS: 34102

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9990	0.9989
30.00	0.9978	0.9975	0.9973
40.00	0.9962	0.9958	0.9955
50.00	0.9948	0.9944	0.9939
60.00	0.9939	0.9934	0.9929
70.00	0.9938	0.9935	0.9930
80.00	0.9951	0.9951	0.9947
90.00	0.9979	0.9985	0.9982
100.00	1.0025	1.0040	1.0040
120.00	1.0190	1.0231	1.0235
140.00	1.0453	1.0532	1.0527
160.00	1.0714	1.0825	1.0773

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.28%	0.12%	0.24%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)