

DATE: 2024-10-23

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

S/N: R3873

P/N: R-180-S002

DAS: 34107

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9994	0.9989
30.00	0.9991	0.9986	0.9973
40.00	0.9985	0.9977	0.9956
50.00	0.9981	0.9971	0.9943
60.00	0.9981	0.9970	0.9939
70.00	0.9986	0.9977	0.9947
80.00	1.0001	0.9999	0.9973
90.00	1.0027	1.0034	1.0018
100.00	1.0067	1.0087	1.0083
120.00	1.0212	1.0258	1.0285
140.00	1.0473	1.0512	1.0569
160.00	1.0806	1.0739	1.0809

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)	0.64%	0.08%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)