

DATE: 2024-10-23

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

S/N: R3874

P/N: R-180-S002

DAS: 34108

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0002	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9995	0.9990
30.00	0.9984	0.9987	0.9976
40.00	0.9975	0.9979	0.9961
50.00	0.9968	0.9974	0.9949
60.00	0.9966	0.9974	0.9945
70.00	0.9975	0.9982	0.9952
80.00	0.9998	1.0002	0.9977
90.00	1.0036	1.0034	1.0019
100.00	1.0095	1.0083	1.0083
120.00	1.0290	1.0236	1.0283
140.00	1.0600	1.0457	1.0556
160.00	1.0891	1.0647	1.0768

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.20%	0.40%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)