

DATE: 2024-09-23

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

S/N: R3869

P/N: R-180-S002

DAS: 34103

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0008
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9987	0.9981
30.00	0.9978	0.9969	0.9961
40.00	0.9970	0.9947	0.9945
50.00	0.9968	0.9929	0.9935
60.00	0.9973	0.9916	0.9932
70.00	0.9985	0.9914	0.9940
80.00	1.0005	0.9929	0.9961
90.00	1.0042	0.9964	0.9996
100.00	1.0095	1.0020	1.0048
120.00	1.0274	1.0216	1.0221
140.00	1.0547	1.0524	1.0491
160.00	1.0846	1.0829	1.0768

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)	0.28%	0.44%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)