

DATE: 2024-10-23

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

S/N: R3875

P/N: R-180-S002

DAS: 34109

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0008	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9982	0.9994
30.00	0.9983	0.9961	0.9984
40.00	0.9972	0.9943	0.9974
50.00	0.9961	0.9933	0.9963
60.00	0.9953	0.9930	0.9956
70.00	0.9952	0.9937	0.9954
80.00	0.9962	0.9957	0.9963
90.00	0.9985	0.9992	0.9984
100.00	1.0027	1.0044	1.0023
120.00	1.0183	1.0217	1.0173
140.00	1.0456	1.0492	1.0453
160.00	1.0758	1.0774	1.0802

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)	0.52%	0.36%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)