

DATE: 2024-10-30

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

S/N: R3877

P/N: R-180-S002

DAS: 3410B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0005	1.0009
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9987	0.9977
30.00	0.9983	0.9968	0.9949
40.00	0.9972	0.9948	0.9923
50.00	0.9962	0.9932	0.9908
60.00	0.9956	0.9924	0.9906
70.00	0.9957	0.9929	0.9920
80.00	0.9968	0.9953	0.9953
90.00	0.9992	0.9995	1.0004
100.00	1.0033	1.0059	1.0075
120.00	1.0180	1.0257	1.0280
140.00	1.0432	1.0526	1.0560
160.00	1.0718	1.0737	1.0786

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)	0.28%	0.04%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)