

DATE: 2024-10-30

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

S/N: R3880

P/N: R-180-S002

DAS: 3410E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9992	0.9998
30.00	0.9982	0.9982	0.9996
40.00	0.9970	0.9970	0.9995
50.00	0.9962	0.9961	0.9996
60.00	0.9960	0.9957	1.0001
70.00	0.9969	0.9962	1.0011
80.00	0.9992	0.9982	1.0030
90.00	1.0033	1.0017	1.0058
100.00	1.0093	1.0072	1.0098
120.00	1.0284	1.0254	1.0221
140.00	1.0563	1.0543	1.0409
160.00	1.0805	1.0843	1.0600

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.28%	0.80%	0.52%

* g = 9.80 m/s²

Rev K (2024-01)