

DATE: 2024-07-24

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

S/N: R3830

P/N: R-180-S002

DAS: 3407C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0009	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9982	0.9988
30.00	0.9970	0.9965	0.9971
40.00	0.9955	0.9949	0.9953
50.00	0.9944	0.9936	0.9938
60.00	0.9938	0.9928	0.9930
70.00	0.9939	0.9927	0.9932
80.00	0.9950	0.9938	0.9949
90.00	0.9973	0.9963	0.9981
100.00	1.0010	1.0006	1.0031
120.00	1.0147	1.0162	1.0195
140.00	1.0387	1.0433	1.0456
160.00	1.0671	1.0740	1.0731

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%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)