

DATE: 2024-08-12

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

S/N: R3833

P/N: R-180-S002

DAS: 3407F

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0005	1.0011
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9986	0.9977
30.00	0.9980	0.9966	0.9955
40.00	0.9968	0.9945	0.9936
50.00	0.9959	0.9926	0.9921
60.00	0.9955	0.9914	0.9913
70.00	0.9960	0.9914	0.9914
80.00	0.9980	0.9929	0.9927
90.00	1.0015	0.9961	0.9956
100.00	1.0067	1.0012	1.0003
120.00	1.0235	1.0183	1.0169
140.00	1.0488	1.0450	1.0442
160.00	1.0728	1.0729	1.0731

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.20%	0.60%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)