

DATE: 2024-07-24

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

S/N: R3829

P/N: R-180-S002

DAS: 3407B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9990
30.00	0.9977	0.9981	0.9976
40.00	0.9961	0.9970	0.9960
50.00	0.9949	0.9962	0.9948
60.00	0.9943	0.9961	0.9941
70.00	0.9948	0.9971	0.9945
80.00	0.9968	0.9998	0.9964
90.00	1.0007	1.0041	1.0000
100.00	1.0066	1.0096	1.0055
120.00	1.0264	1.0307	1.0236
140.00	1.0572	1.0605	1.0511
160.00	1.0890	1.0889	1.0791

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.04%	0.56%	0.68%

* g = 9.80 m/s²

Rev K (2024-01)