

DATE: 2024-09-23

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

S/N: R3864

P/N: R-180-S002

DAS: 3409F

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9985
30.00	0.9977	0.9978	0.9965
40.00	0.9961	0.9964	0.9945
50.00	0.9946	0.9953	0.9931
60.00	0.9935	0.9949	0.9924
70.00	0.9932	0.9955	0.9928
80.00	0.9941	0.9977	0.9945
90.00	0.9964	1.0015	0.9975
100.00	1.0006	1.0074	1.0022
120.00	1.0155	1.0263	1.0180
140.00	1.0393	1.0540	1.0439
160.00	1.0615	1.0793	1.0732

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)	0.92%	0.04%	0.52%

* g = 9.80 m/s²

Rev K (2024-01)