

DATE: 2024-09-18

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

S/N: R3849

P/N: R-180-S002

DAS: 3408F

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0008
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9991	0.9981
30.00	0.9989	0.9978	0.9961
40.00	0.9983	0.9963	0.9946
50.00	0.9979	0.9951	0.9938
60.00	0.9980	0.9946	0.9938
70.00	0.9988	0.9951	0.9949
80.00	1.0008	0.9972	0.9977
90.00	1.0040	1.0009	1.0020
100.00	1.0089	1.0066	1.0084
120.00	1.0249	1.0250	1.0292
140.00	1.0501	1.0513	1.0621
160.00	1.0754	1.0728	1.0959

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)	0.52%	0.36%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)