

DATE: 2024-12-05

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

S/N: R3886

P/N: R-180-S002

DAS: 34114

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9997	0.9993
30.00	0.9993	0.9992	0.9983
40.00	0.9989	0.9986	0.9969
50.00	0.9986	0.9978	0.9954
60.00	0.9986	0.9970	0.9939
70.00	0.9990	0.9964	0.9927
80.00	1.0003	0.9960	0.9922
90.00	1.0025	0.9963	0.9927
100.00	1.0058	0.9976	0.9947
120.00	1.0172	1.0045	1.0051
140.00	1.0354	1.0186	1.0276
160.00	1.0525	1.0337	1.0568

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)	0.24%	0.24%	0.48%

* g = 9.80 m/s²

Rev K (2024-01)