

DATE: 2025-01-28

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

S/N: R3896

P/N: R-180-S002

DAS: 3411E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9992	0.9993
30.00	0.9989	0.9981	0.9983
40.00	0.9981	0.9968	0.9972
50.00	0.9975	0.9956	0.9961
60.00	0.9973	0.9949	0.9954
70.00	0.9976	0.9949	0.9954
80.00	0.9990	0.9961	0.9964
90.00	1.0016	0.9987	0.9987
100.00	1.0057	1.0032	1.0026
120.00	1.0201	1.0193	1.0163
140.00	1.0449	1.0469	1.0390
160.00	1.0742	1.0784	1.0624

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)	0.44%	0.40%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)