

X Motion Sensor

Antenna Passive Test Report

Equipment: X Motion Sensor

Model Name: SSM-Z70X-M-XI

Author: Leedarson

Issue Date: 2022.11.18

Leedarson IoT Technology Inc.
Xingtai Industrial Park, Changtai Economic Development Zone, Zhangzhou, China

1 Antenna Spec

Parameter	Value
Frequency Range	2.4 ~ 2.5 GHz
Antenna Peak Gain	1.68 dBi
Antenna Type	PCB IFA Antenna

2 Test Result

2.1 Efficiency and Gain

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	0.43	-3.54	44.29
2410	0.87	-3.28	47.03
2420	1.35	-2.88	51.54
2430	1.13	-3.11	48.84
2440	1.18	-3.01	49.99
2450	1.54	-2.78	52.67
2460	1.61	-2.79	52.60
2470	1.52	-2.83	52.11
2480	1.52	-2.89	51.40
2490	1.41	-3.05	49.57
2500	1.68	-2.88	51.58

2.2 Radiation Pattern





