



东莞市一佳电子通讯科技有限公司

Antenna Test Report

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Approval : Chen Guoqiang

Date : 2024 / 06/ 24

真诚 务实 开拓 创新



1. Antenna Profile

Device



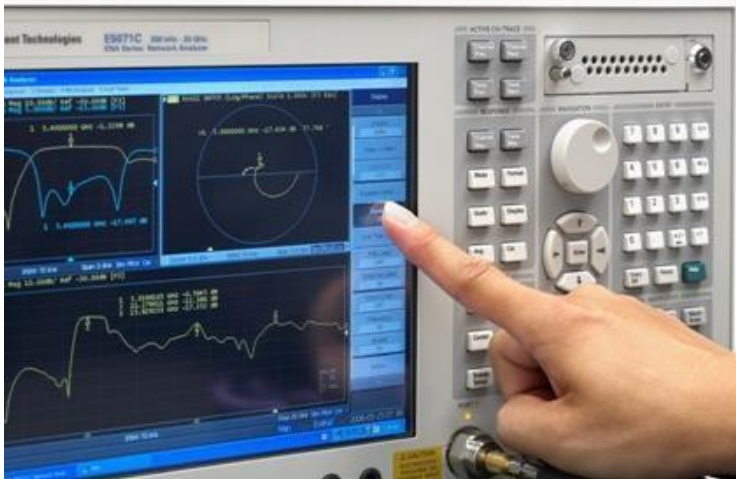
*zigbee
Antenna*



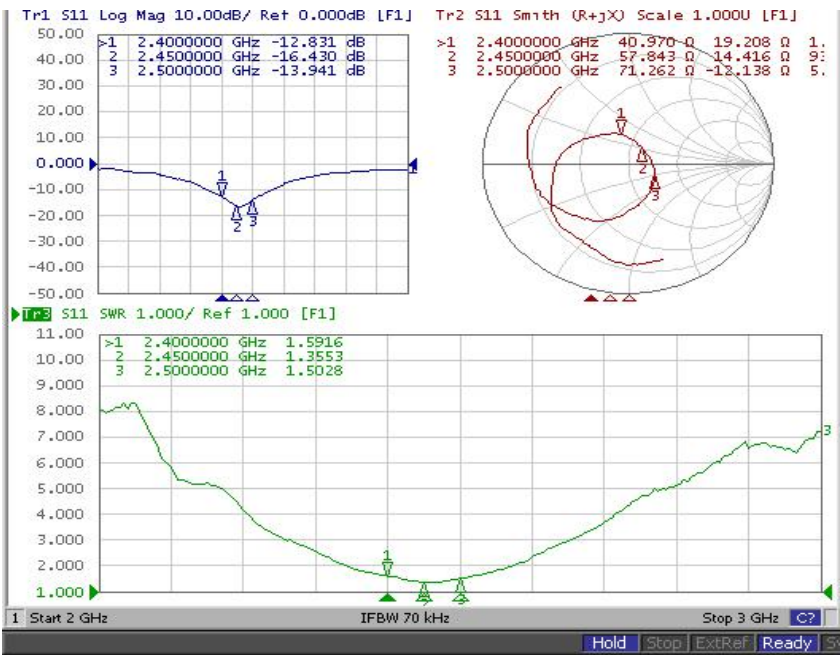


2. Antenna Performance Test

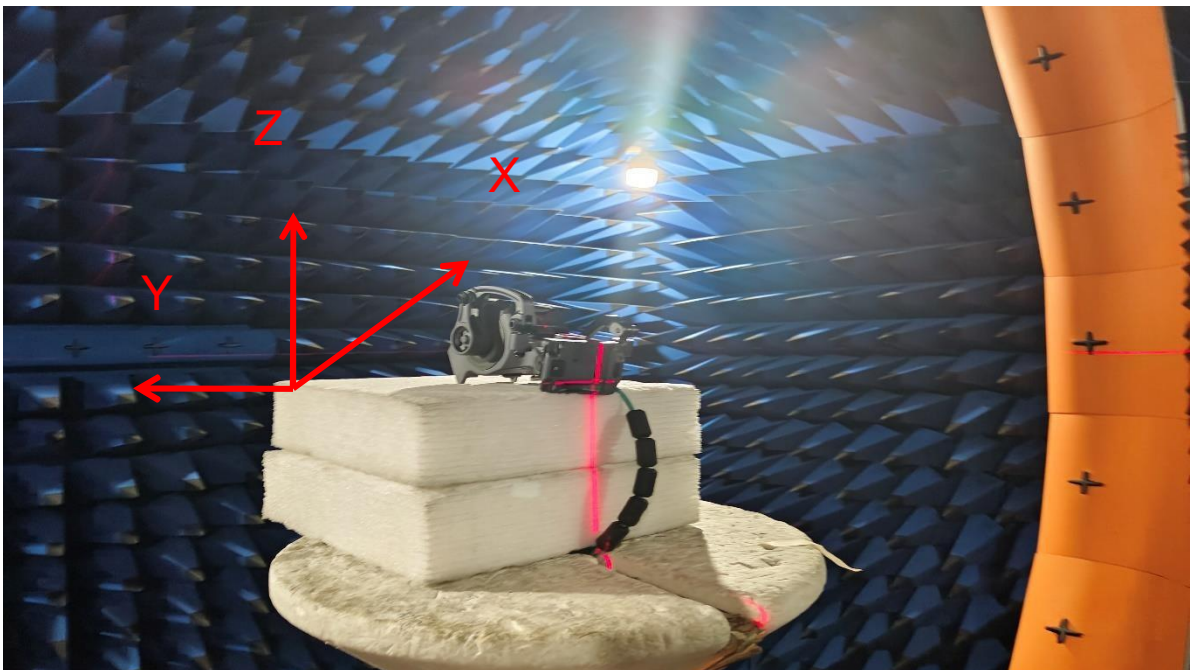
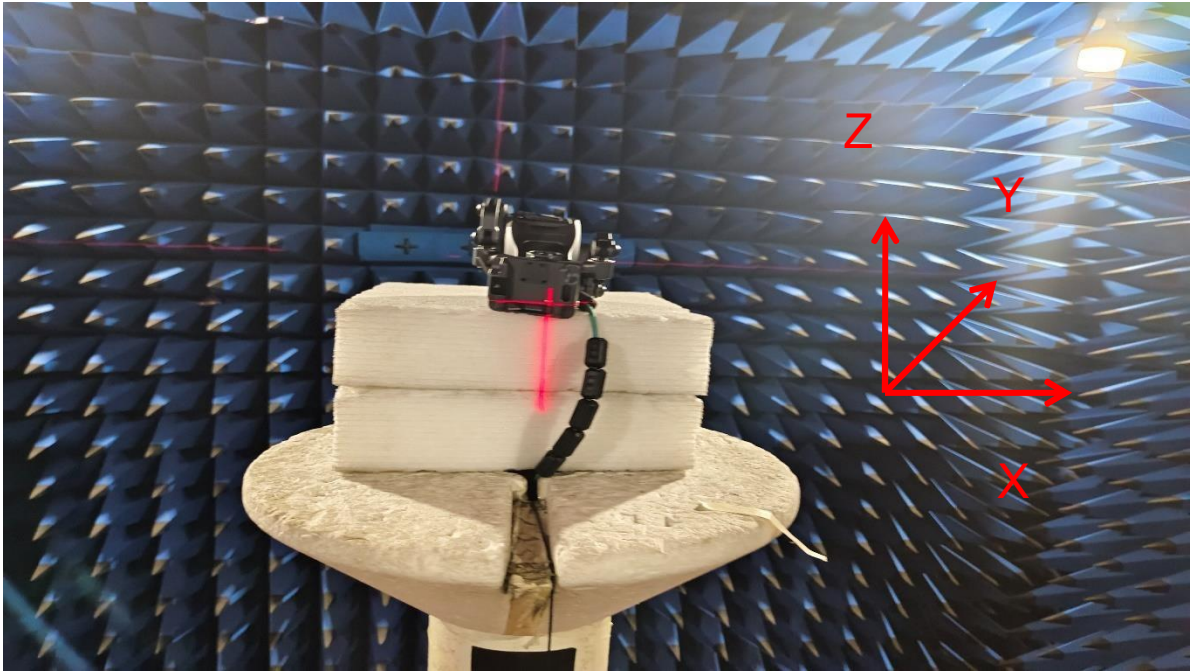
*Agilent
E5071B*



*S
Parameter
Test //
zigbee
Antenna*



3. *Antenna Passive Test*



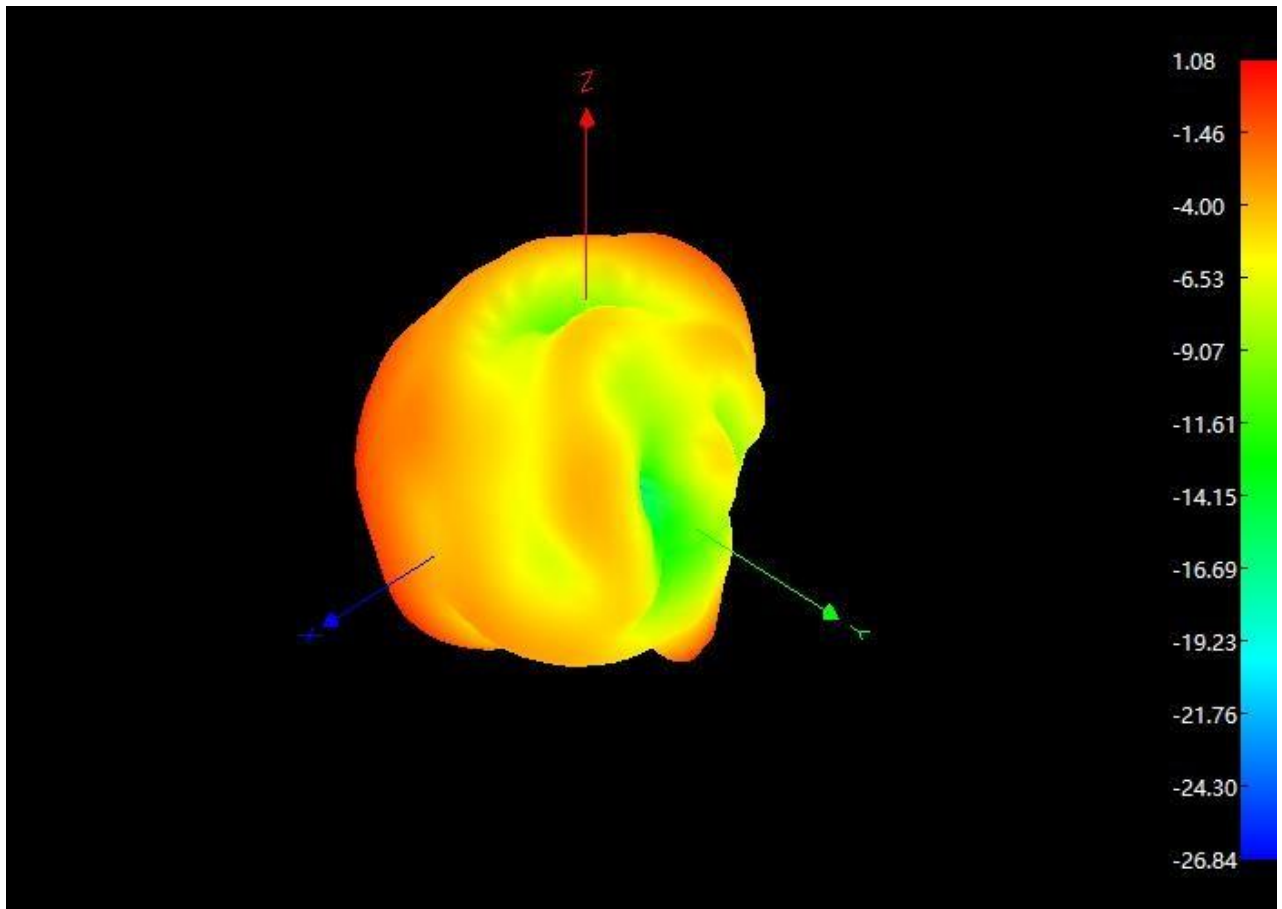


Passive Test For zigbee Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.7	-3.9	1.2
2410	40.7	-3.9	1.1
2420	39.8	-4.0	1.0
2430	39.6	-4.0	0.9
2440	39.4	-4.0	0.7
2450	39.8	-4.0	1.1
2460	37.9	-4.2	0.9
2470	39.7	-4.0	1.2
2480	39.7	-4.0	1.0
2490	41.8	-3.8	1.1
2500	40.7	-3.9	0.9



Radiation Pattern For zigbee Antenna(2450MHz)





4. Assembly Picture



zigbee Antenna