



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2026/01/13
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客户
CUSTOMER: Shenzhen Tilta Technology Co., Ltd.

客户料号
CUSTOMER NO: 31112.00051.00.00

品名
PART NAME: Zigbee Antenna

供方料号
SUPPLIER NO: YJL01.050.034.101A

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	ZhangLiqun	LiaoGuangxi

YJ-RD-F04-A





承认书项目表

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天线规格 Antenna Specification

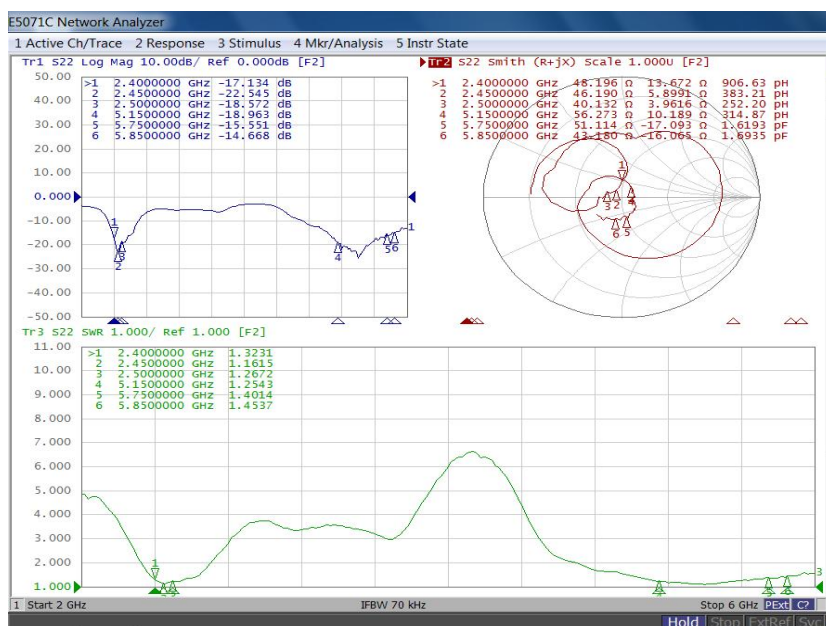
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	.2 4-2.5G 2.6dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	SMA Male Reverse
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





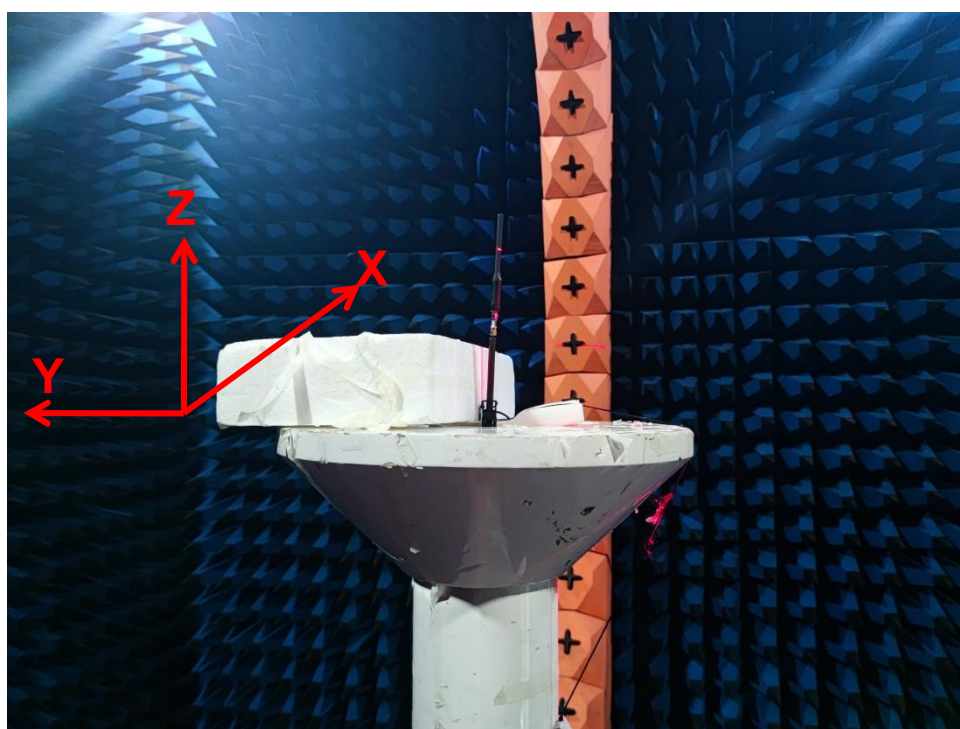
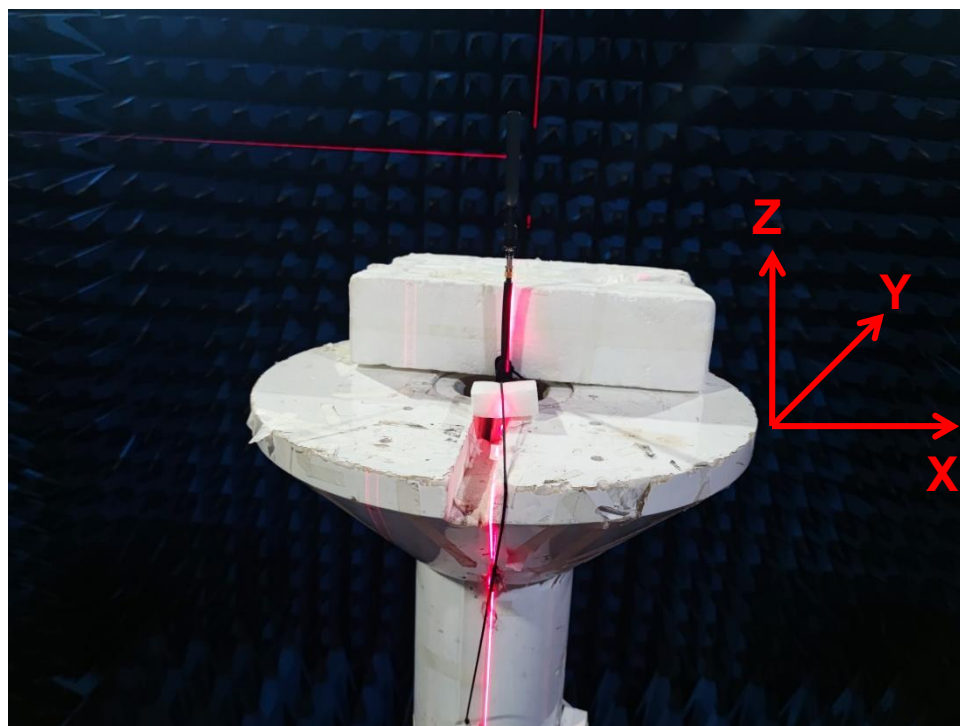
Antenna Performance Test

*Agilent
E5071C
S
Parameter
Test //
Zigbee
Antenna*





Antenna Passive Test



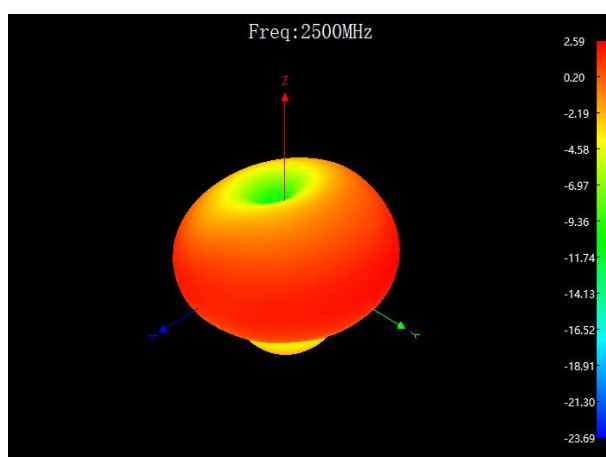
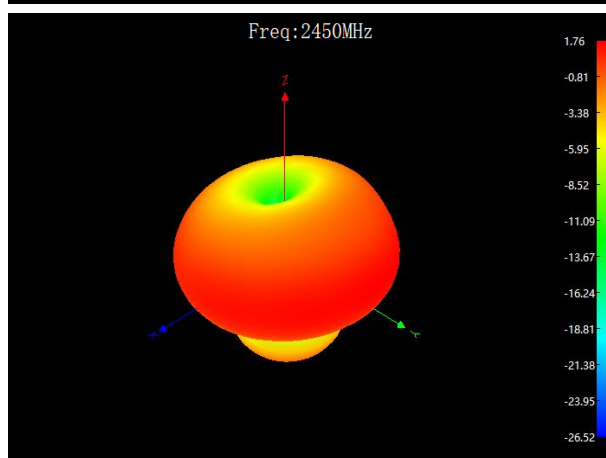
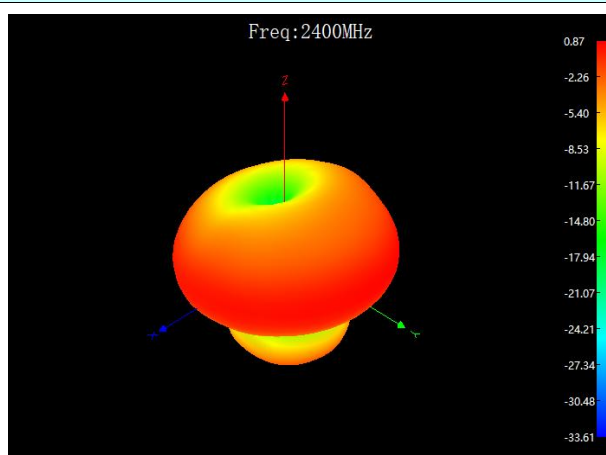


Passive Test For 2.4G Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	49.8	-3.0	0.9
2410	50.1	-3.0	0.9
2420	53.5	-2.7	1.3
2430	53.8	-2.7	1.7
2440	54.5	-2.6	1.9
2450	53.3	-2.7	1.8
2460	52.8	-2.8	1.8
2470	54.2	-2.7	2.1
2480	57.8	-2.4	2.4
2490	58.6	-2.3	2.5
2500	61.8	-2.1	2.6





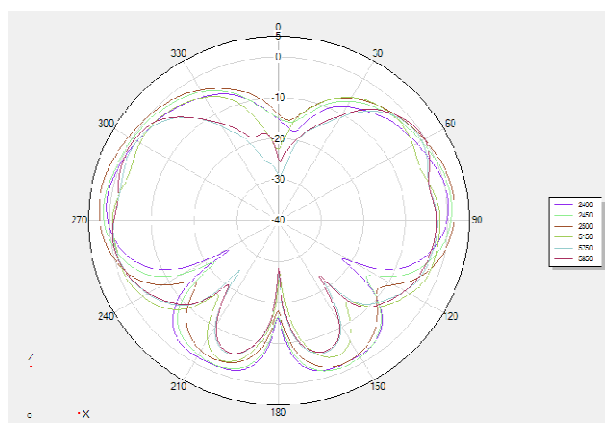
Radiation Pattern For 2.4G Antenna



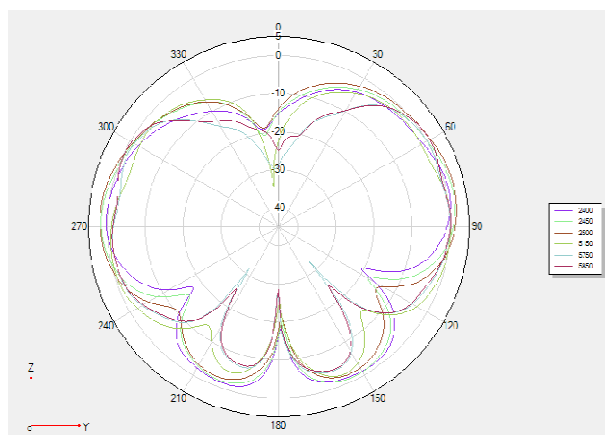


Radiation Pattern For Zigbee Antenna

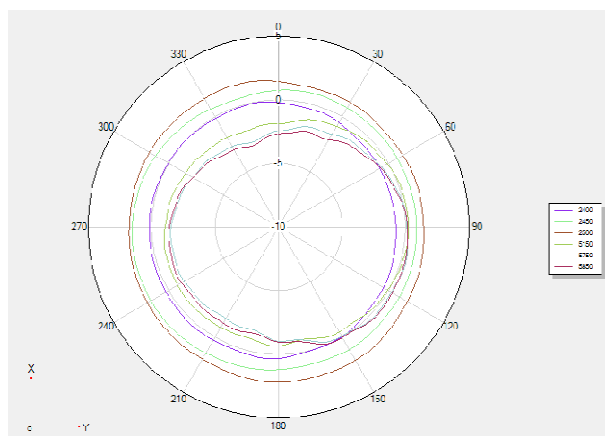
Phi 0°



Phi 90°



Theta 90°





东莞市一佳电子通讯科技有限公司
DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO., LTD

*Zigbee
Antenna*



东莞市长安镇沙头社区木鱼路59号 Tel:0769-82586086 Fax:0769-82586086



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