

Antenna Test Report

Customer	艾弗立
Project	T2
Antenna Revision	AAN1608F3P2G45
Prepared by	
Checked by	
Date:	2025. 3. 14

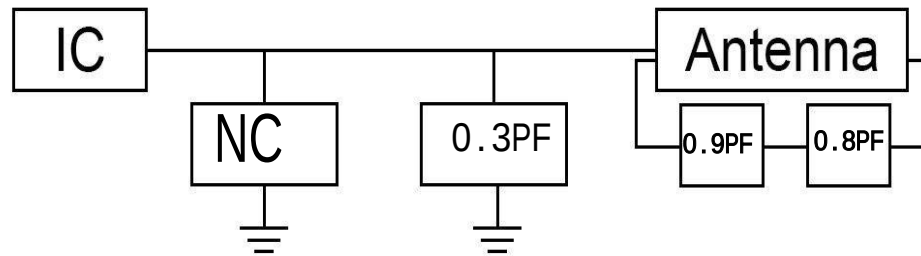
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

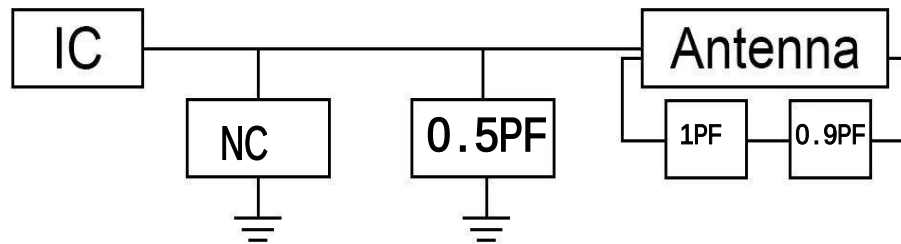


3. 匹配图

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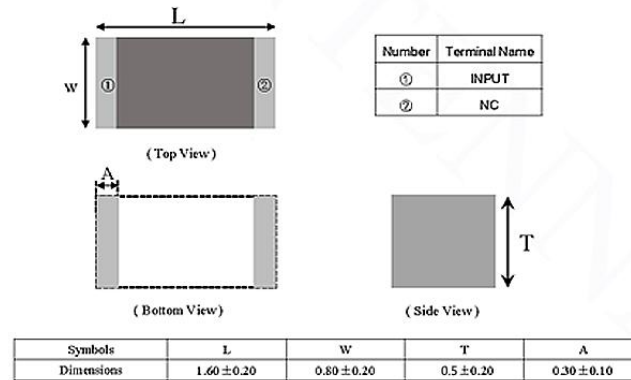


Dimension and Terminal Configuration

Applications

1. Bluetooth
2. Wireless LAN
3. ISM band 2.4GHz wireless applications

Dimensions (Unit: mm)



Manufacturer: Shenzhen Yongyun Technology Co., Ltd

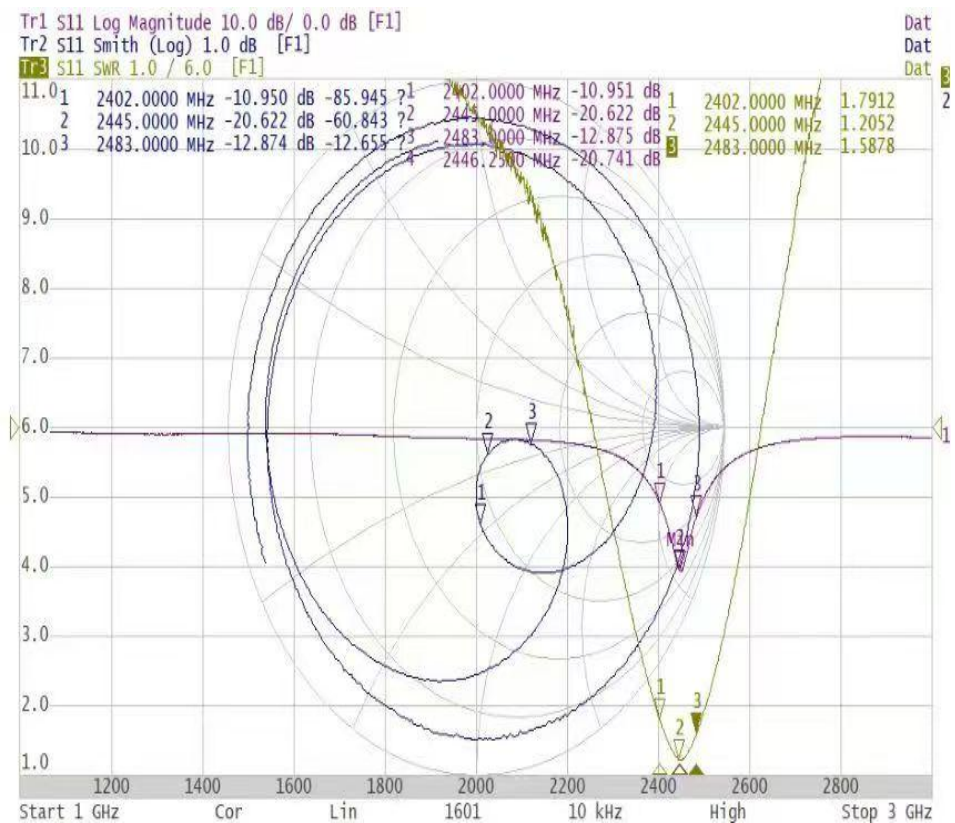
Test Result

S11 Parameter-VSWR

R



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Test Result- Gain & Efficiency

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frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	CO Gain 主极化最	CP Gain 交叉极化	efficiency 效率(dB)	efficiency 效率(%)
2400	-2.67	-32.66	0	0	-6.3	23.44
2410	-3.16	-31.34	0	0	-6.49	22.46
2420	-2.51	-29.07	0	0	-6.11	24.48
2430	-2.4	-27.24	0	0	-6.09	24.62
2440	-2.69	-26.42	0	0	-6.01	25.04
2450	-1.72	-24.2	0	0	-5.74	26.68
2460	-1.1	-21.81	0	0	-5.58	27.64
2470	-0.77	-19.81	0	0	-5.29	29.58
2480	0.24	-16.98	0	0	-4.96	31.92
2490	0.37	-15.28	0	0	-5.21	30.13
2500	1.13	-13.7	0	0	-4.75	33.53

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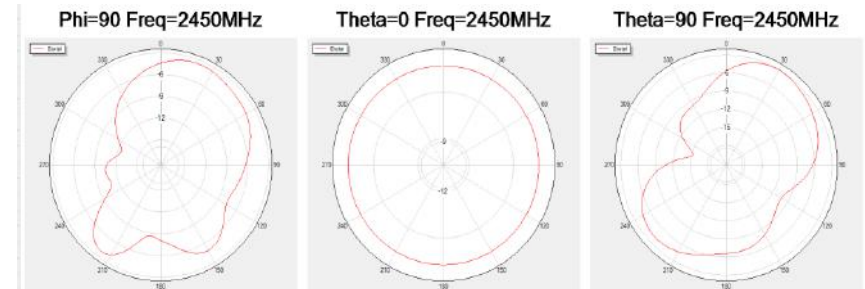
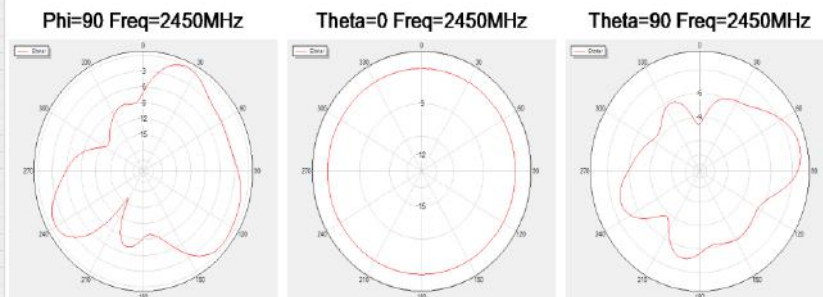
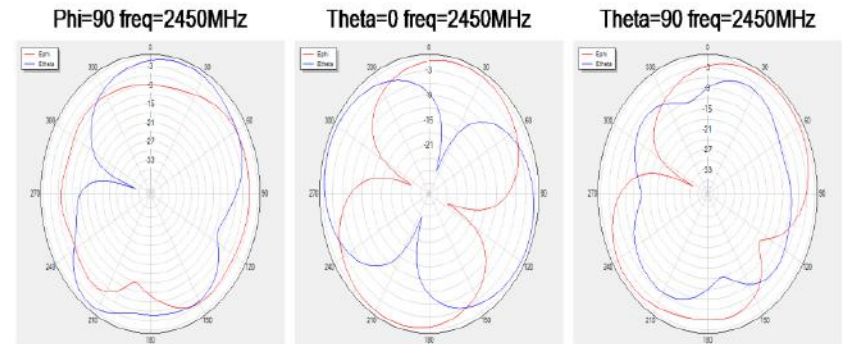
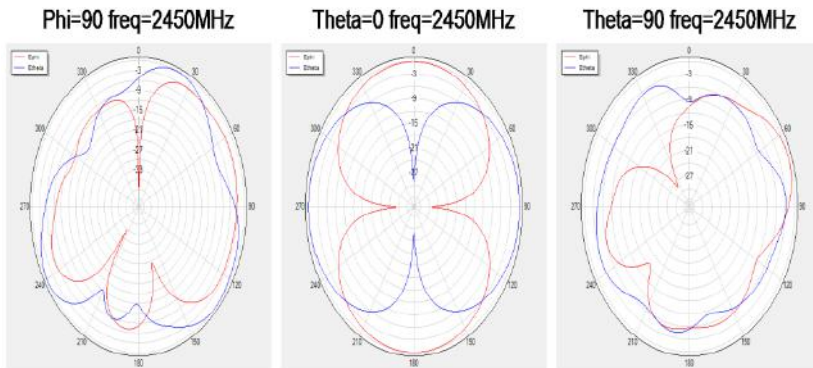
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	CO Gain 主极化最	CP Gain 交叉极化	efficiency 效率(dB)	efficiency 效率(%)
2400	0.8	-25.3	0	0	-4.84	32.84
2410	0.4	-26	0	0	-4.94	32.06
2420	0.99	-24.25	0	0	-4.64	34.38
2430	0.88	-22.64	0	0	-4.74	33.55
2440	0.01	-21.69	0	0	-4.89	32.4
2450	0.23	-21.33	0	0	-4.88	32.51
2460	0.05	-21.61	0	0	-5.04	31.33
2470	-0.32	-21.81	0	0	-5.07	31.12
2480	-0.05	-21.09	0	0	-5.08	31.01
2490	-0.65	-20.72	0	0	-5.62	27.42
2500	-0.59	-19.66	0	0	-5.47	28.39

Test Result-

2D Pattern

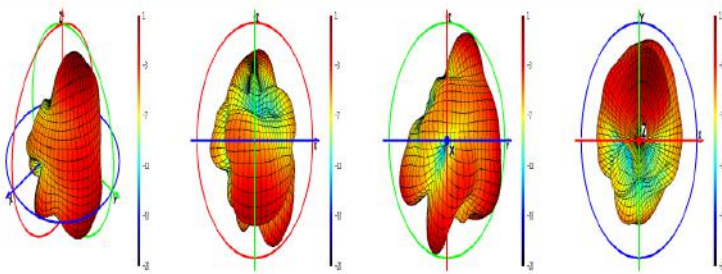
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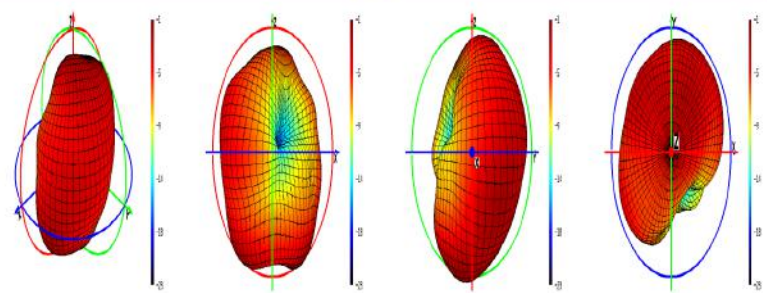


3D Pattern

R



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样机图片



Thank you!

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