

深圳市昂特通信科技有限责任公司

SHENZHEN ANT TECHNOLOGY CO., LTD

Q204-Antenna

CONFIRMATION OF PRODUCTS

客户名称 Customer Name	鸿博伟业 HongBo WeiYe		
项目型号 Item Model	Q204		
物料编码 Material Code	FPC		
版本 Versions			
制作日期 Production Date	2022-11-21		
编制 Preparation	RF审核 RF Audit	结构审核 Structural Audit	核准/盖章 Approval/Stamping
杨春燕 Yang Chunyan	黄波 Huang Bo	向杰 Xiang Jie	
客户确认 Customer Confirmation			

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Project Contact: Yang Chunyan

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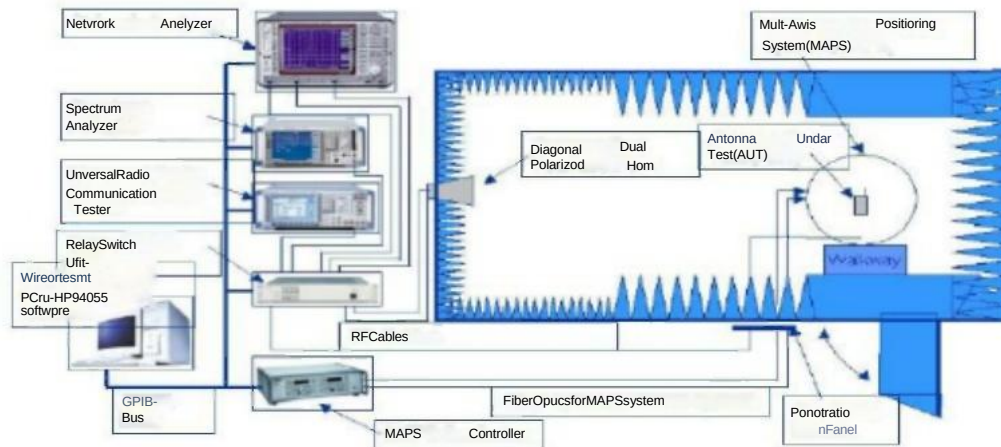
Fax: 0755-29607280

无源测试:

Passive testing:

测试环境: 7*4*3暗室, 8960型综合测试仪。

Test environment: 7*4*3 dark room, 8960 type integrated tester.



WorkingFrequencyRange	2400~2500MHz
Bandwidth	120MHz (Min.)
PeakGain	2. 25dBi (Typ.)
Impedance	50ohm
Returnloss	10dB (Min)
Polarization	Linear
AzimuthBeamwidth	Omni-directional
OperationTemperature(°C)	-40~85°C
ResistancetoSolderingHeats	10sec. (@280°C)
Termination	Ni/Au (Leadless)

2. 测试结果:

2. Test results:

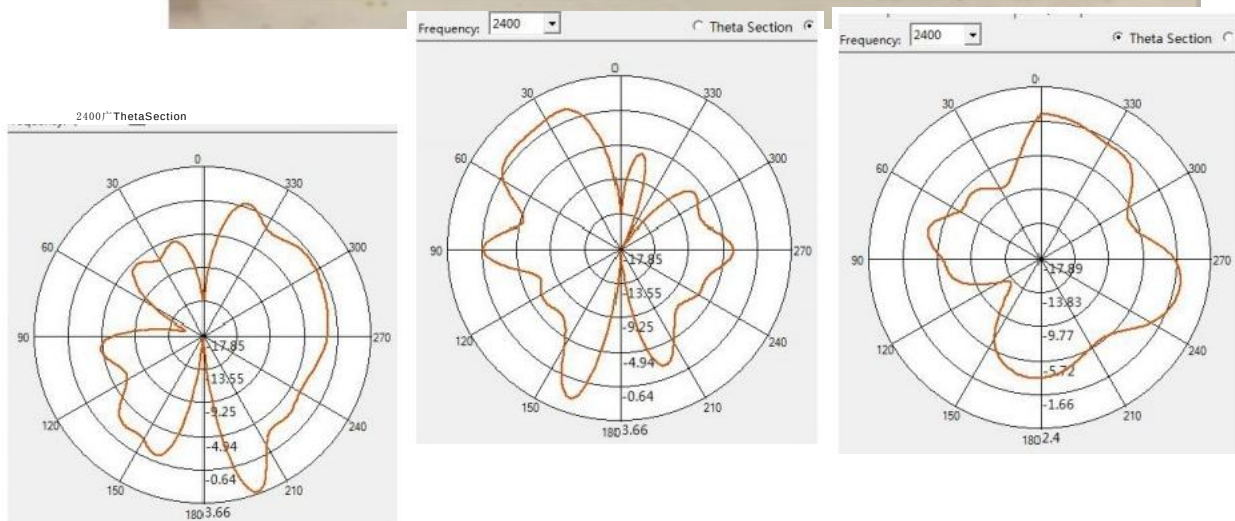
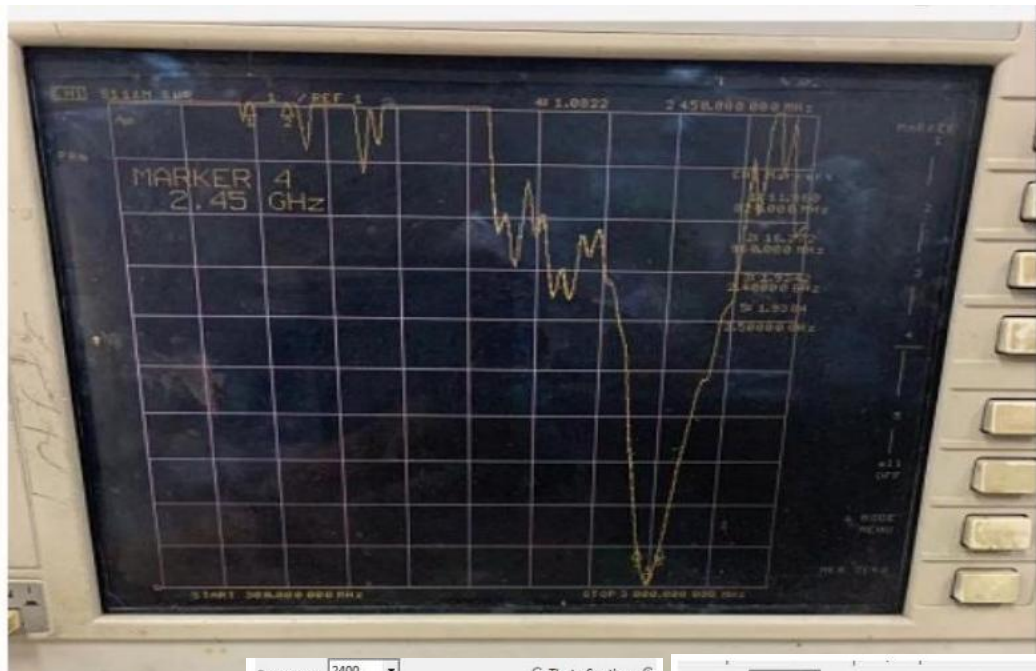
三、 天线辐射测试 (2.4G)

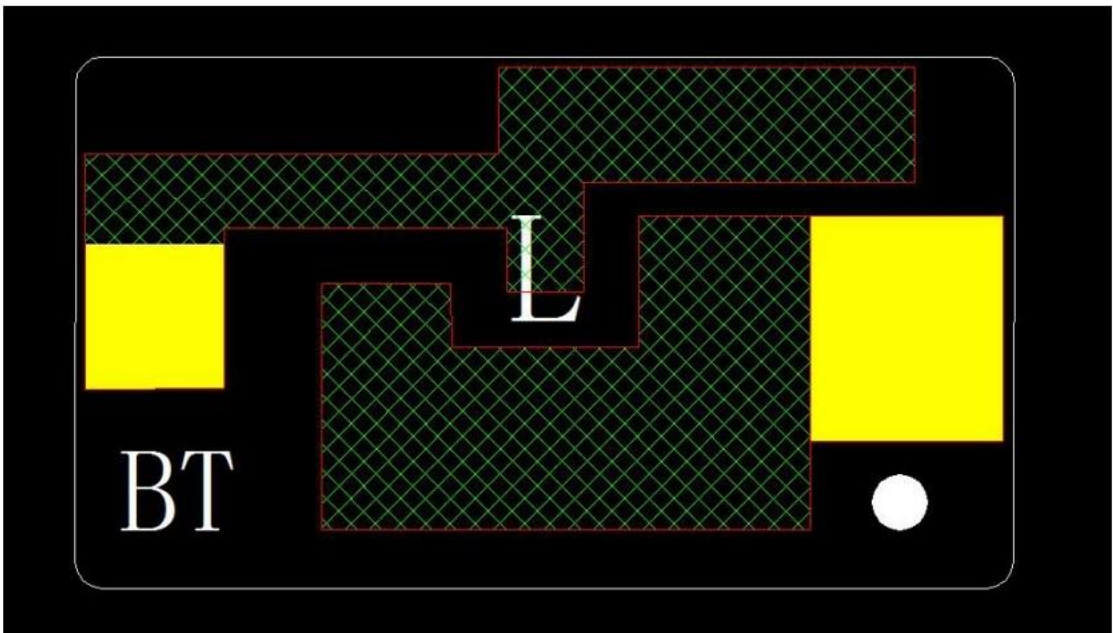
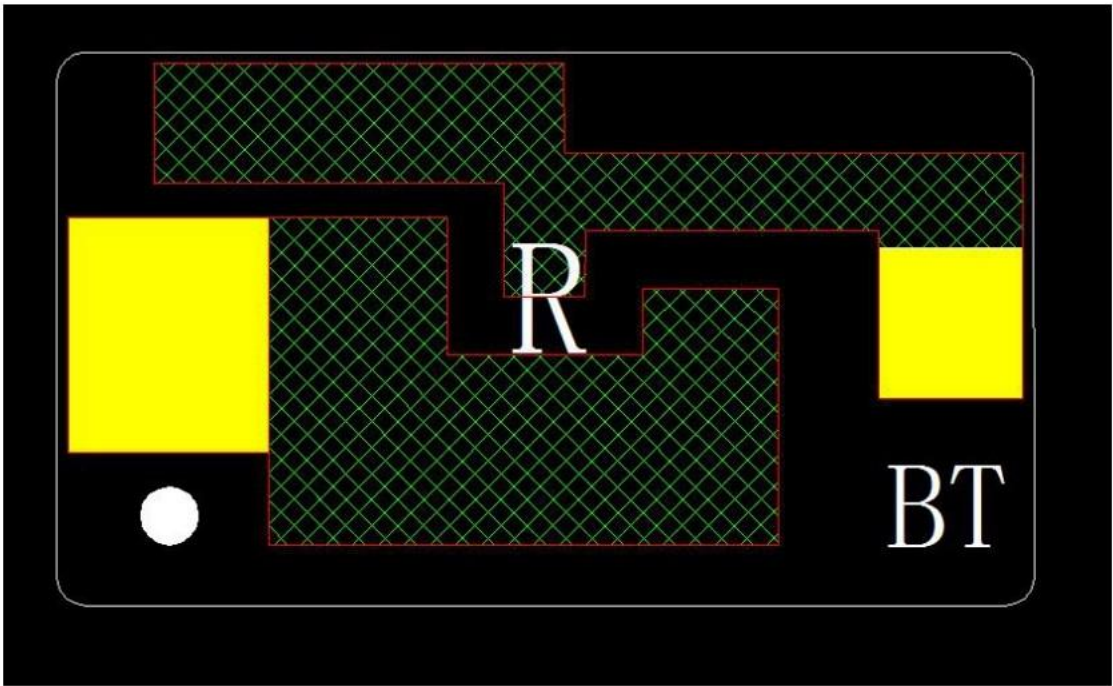
Antenna radiation test (2.4G)

BT效率 BT Efficiency		
Freq	Gain	EfficiencyPercent
2400.00	2.23	48.30
2410.00	1.61	53.48
2420.00	1.43	51.43
2430.00	1.16	44.42
2440.00	2.37	48.58
2450.00	2.01	47.03
2460.00	2.12	38.98
2470.00	2.25	41.86
2480.00	1.83	43.42
2490.00	1.58	43.72
2500.00	1.97	44.16

无源驻波比

Passive VSWR





直	正面菲淋及外形正面覆盖膜外形 Front side Philine and shape		Front cover film profile		背面3M胶外形背面离形纸外形及手撕位 3M adhesive profile on the back side		A
	Back side release paper shape and hand-tear bit		Back side release paper shape and hand-tear bit		B		
B						C	
C							
D	NOTES: 1. 材料性质为: 电解铜; 2. 3胶: 300LE; 3. 金手指表面: 镀镍金, 厚0.10-0.2001 4. 表面油漆及工艺: 黑色油漆; 5. 基材PI: 1/21MIL; 6. 外形公差范围: 0.05mm (对称公差); 7. 产品周边不能有毛边, 溢胶, 表面不能有折皱等外观不良现象; 8. 金手指镀金区需要过最少心的盐雾测试, 所有材料都要符合即强标准, 及能过05检测 9. 金手指镀金前电镀镍时要使用: 氨基黄酸镍; 铜薄Copperthin 镀金区Gold plating area 3M胶 离形纸 3Madhesive Releasepaper 覆盖膜 Mulch film 深圳市昂特科技有限责任公司 SHENZHEN ANTECHNOLOGY CO., LTD 名称: Q204 日期: 2022-11-68 料号: 9204 设计: 材质: 1/2PIRF; 表面处理确认: 颜色: 比例: 1:1 版本: TA						

NOTES:

1. Material properties are: electrolytic copper;

2. 3M adhesive: 3M300LE;

3. Gold finger surface: nickel gold plated, 0.10-0.20UM;

4. Surface paint and process: black oil foam;

5. Base material PI: 1/2MIL;

6. Shape tolerance range: 0.05mm (symmetric tolerance);

7. The periphery of the product cannot have burr, overflow 3M adhesive, the surface cannot have wrinkles and other appearance of bad phenomenon;

8. Gold finger plating area needs to pass at least 48H salt spray test, all materials should meet ROHS standard, and can pass SGS test;

9. Gold finger plating before plating nickel plating to use: sulfamic acid nickel.

Title: Q204

Material number: Q204

Material: 1/2 pl

Surface treatment:

Color:

Date: 2022-11-08

Design: Binly RF:

Confirmation