



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107

FAX: +86 755 28694967

承认书 APPROVAL

版本: A1

客 户
CUSTOMER:

品 名 规 格
DESCRIPTION:

2.4/5.8G -梅花 天线出线 25MM

料 号
PART NO.:

YS030-0147

客 户 料 号
CUS PART NO.:

日 期
D A T E:

2023-11-26

呈样签章:

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章 :

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

※ 客户确认样品附意栏:



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电器技术参数

电 性 能 指 标		Electrical Specifications	
频率范围	2400-5800MHZ	Frequency Range	2400-5800MHZ
电压驻波比	≤2.0	VSWR	≤2.0
输入阻抗	50 Ω	Input Impedance	50 Ω
机 械 指 标		Mechanical Specifications	
天线颜色	黑色	Antenna Color	BLACK
接口形式	环剥上锡	Input connector	TIN
天线长度	183mm	Cable length	183mm
工作温度	-40℃ ~+85℃	Working Temperature	-40℃ ~+85℃
工作湿度	20~80%	Working Humidity	20~80%

规格图纸（Product Specification）：



工厂地址：深圳市龙岗区横岗镇坳背一村坳西路 102 号 3-4 楼

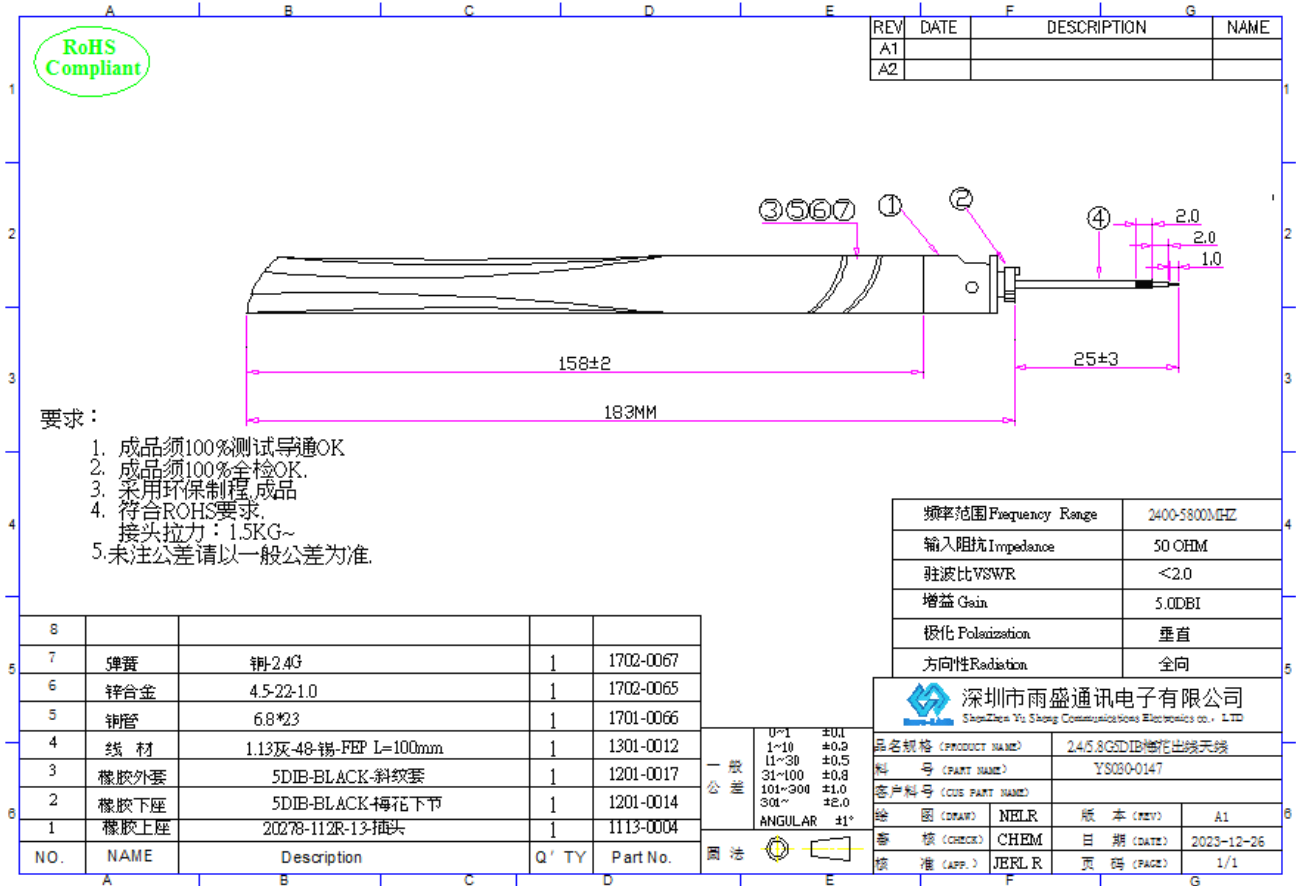


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网分仪器测试图 (Agilent network analyzer test chart):

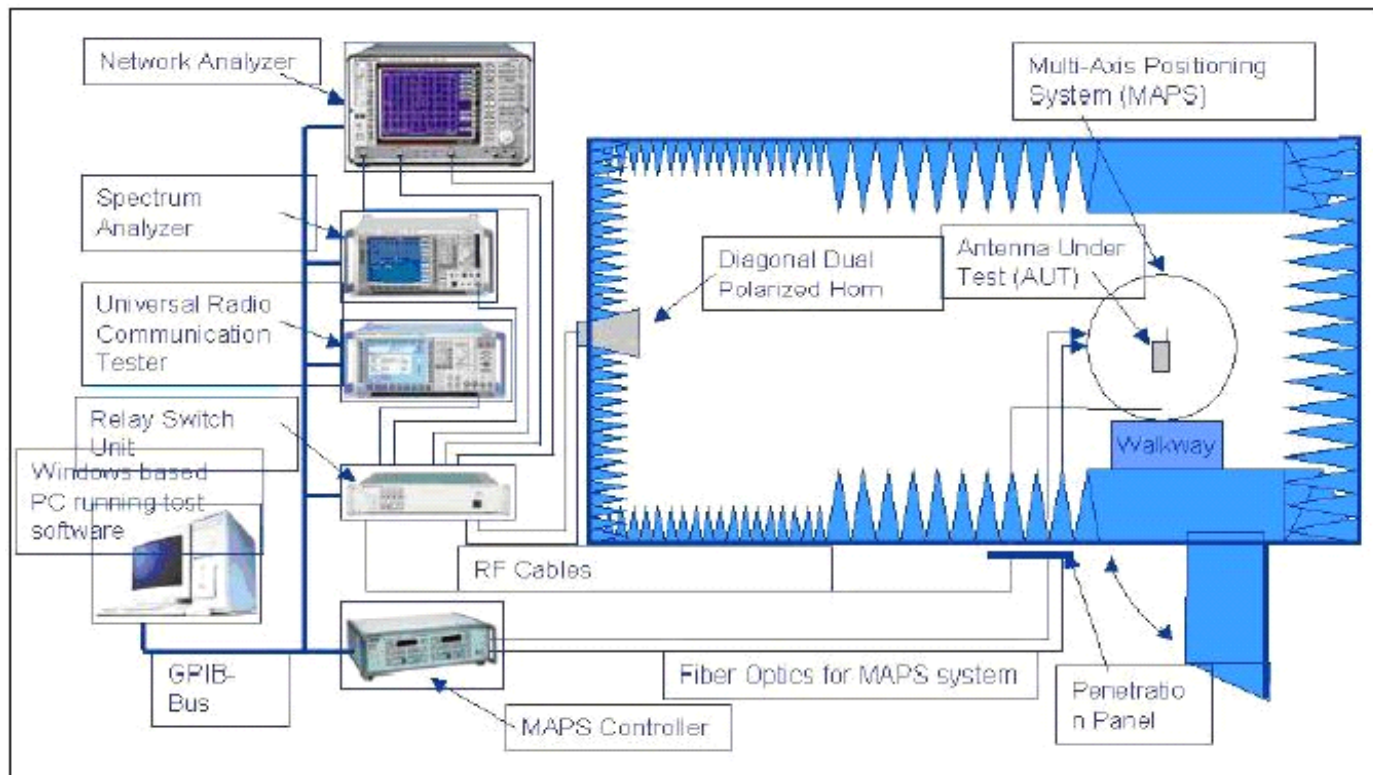
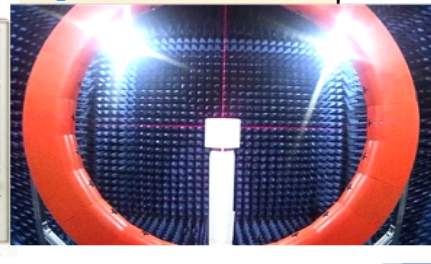
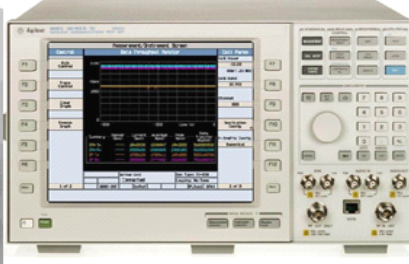


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增益测试(DBI-TEST):

• 测试项目与设备

	测试项目	设备
1. S参数	1. 回波损耗 2. 驻波比	网络分析仪: Agilent E5071B
2. 耦合功率测试	1. 发射功率 2. 接收灵敏度	GSM 测试仪: Agilent 8960 E5515C LTE /WIFI/BT测试仪: R&S CMW500
3. 辐射模式与增益	1. 辐射模式 2. 天线增益	1. 暗室: 8x4x4 m (3D) 2. 网络分析仪: Agilent E5071B



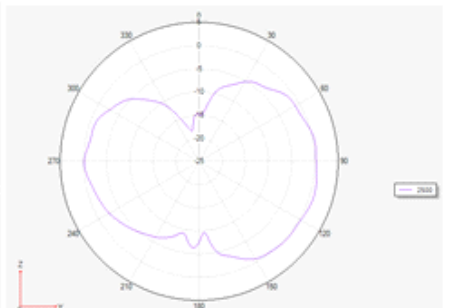
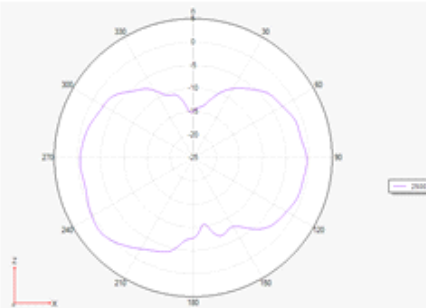
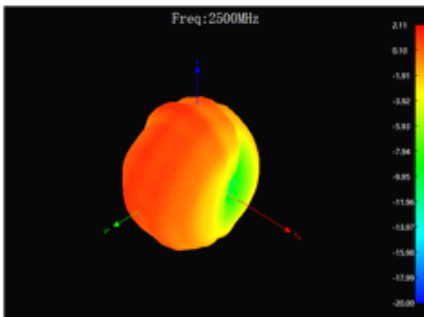
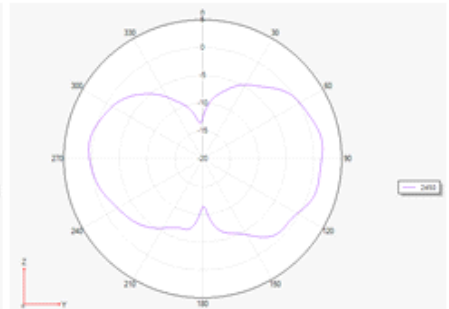
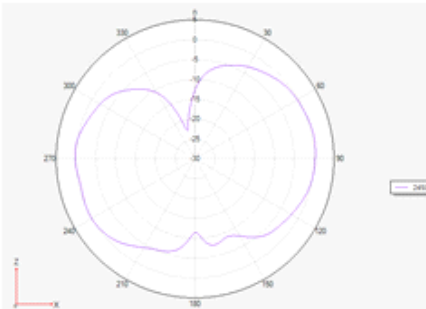
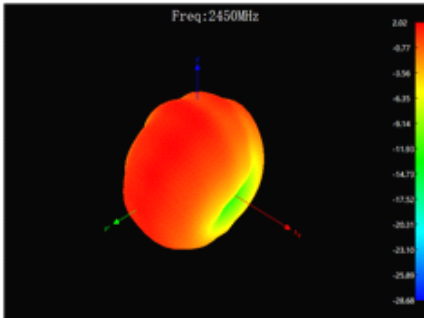
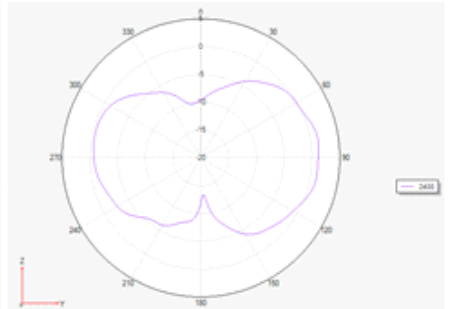
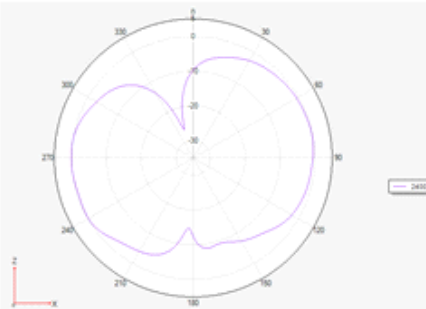
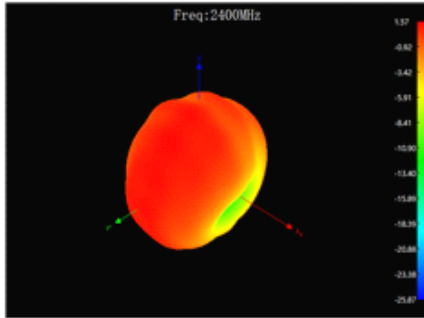


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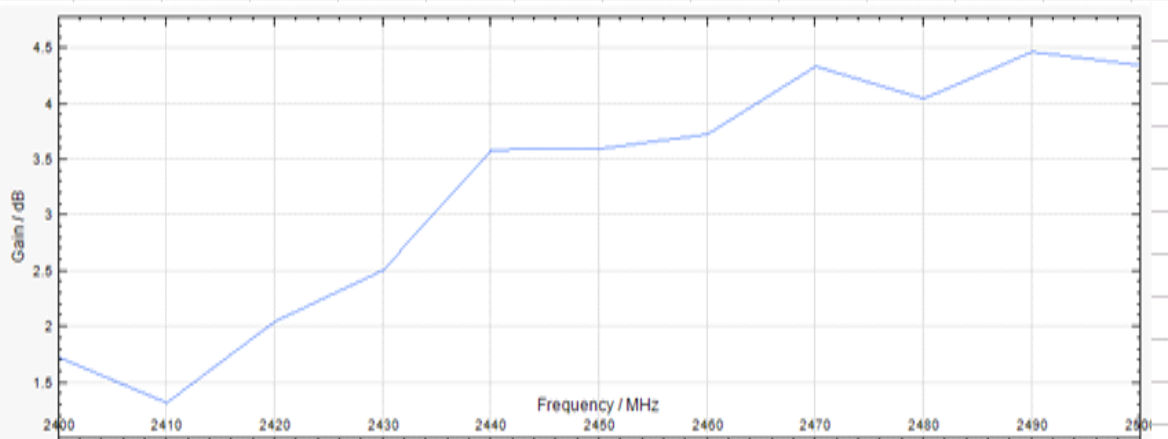
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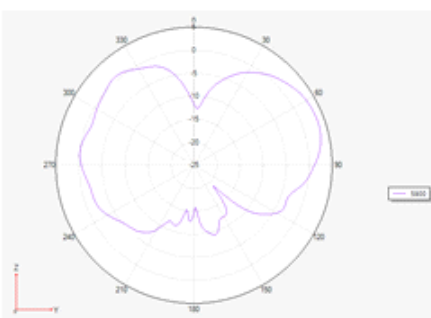
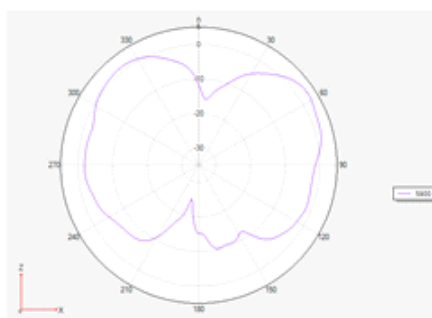
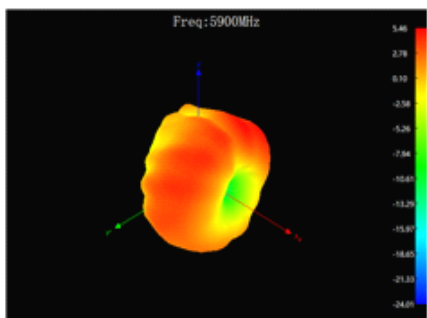
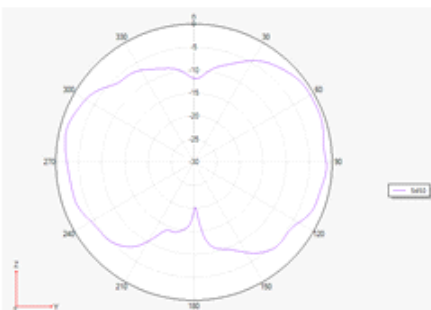
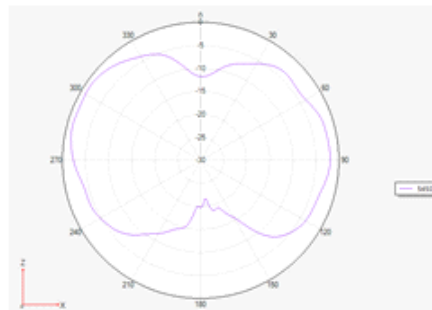
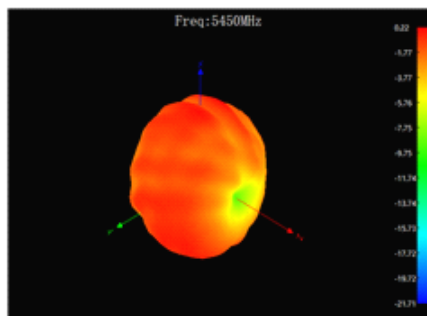
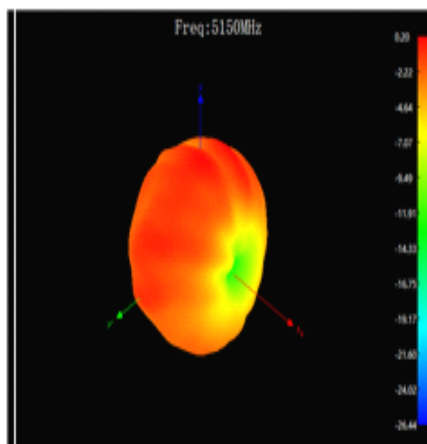
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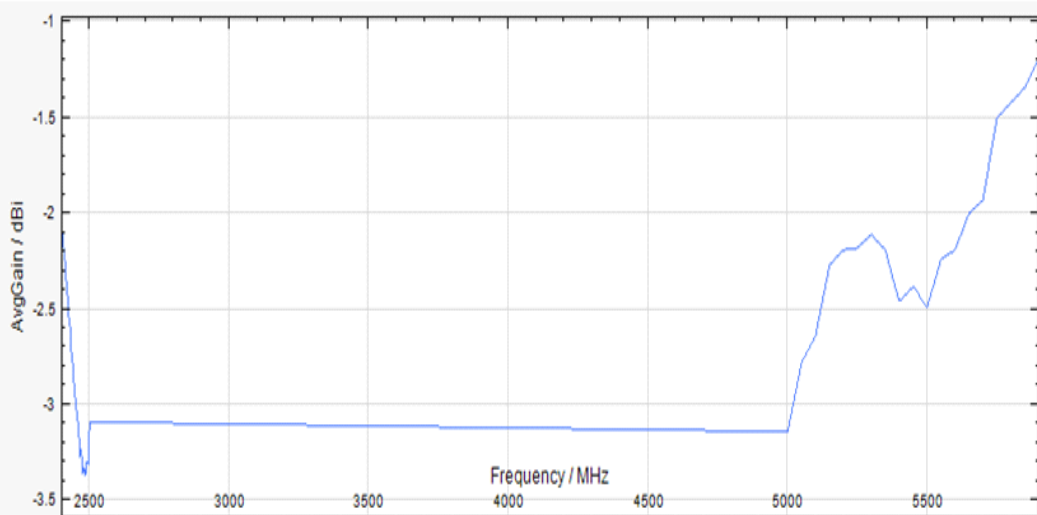
Frequency	Gain/ dB
2400	2.73
2410	2.32
2420	2.05
2430	2.51
2440	3.59
2450	3.6
2460	3.73
2470	4.34
2480	4.05
2490	4.47
2500	4.35



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Frequency	MaxGain/dBi	AvgGain/dBi
5000	1.04	-3.14
5050	1.28	-2.78
5100	1.11	-2.64
5150	1.16	-2.27
5200	1.11	-2.19
5250	1.13	-2.18
5300	2.18	-2.11
5350	2.71	-2.19
5400	3.06	-2.46
5450	3.41	-2.38
5500	3.69	-2.49
5550	3.88	-2.24
5600	4.08	-2.19
5650	4	-2
5700	4.23	-1.93
5750	4.19	-1.5
5800	4.43	-1.42
5850	3.89	-1.34
5900	4.44	-1.19





环境性能测试 (Environmental performance test) :

ITEM	TEST CONDITION	TEST RESULT
The storage environment	In the absence of the specified circumstances test temperature, humidity, air pressure is as follows: 1 temperature is -30 °C ~ +80 °C 2 relative humidity for 45%-85% The 3 pressure is 86kpa-106kpa	Electrical and mechanical properties of normal
Thermocycling ;	5 cycles between 70 °C and 40 °C, then under normal conditions 1-2H, appearance quality inspection.	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
Resistance to damp heat Test	Relative humidity is $95 \pm 3\%$, test temperature: 40 °C. Continue after 2H, Test within the product after removing the 5min determination of the electrical properties, in the normal sample Under 1-2H, the appearance of quality inspection	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
vibration test ;	Displacement amplitude of vibration frequency range: 10-55HZ, 0.35MM, the amplitude of acceleration: 50.0M/S, sweep cycle times: 30 times	Electrical and mechanical properties of normal
fall-down test ;	1M high altitude in accordance with the perpendicular axis free fall 3	Electrical and mechanical properties of normal