



Shenzhen Yusheng Communication and Electronics Co., LTD

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107

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Letter of recognition

Version: A1

client

CUSTOMER:

Product name and specification

A 2.4G 5DB green antenna

2.4G 5DB green antenna

DESCRIPTION:

Material

Number

YS020-0006

PART

NO.:

Customer material number

CUS PART NO.:

Date

2020-6-12

D A T E:

Sample signature:

Engineering ENGINEERING DEPARTMENT	QA Q C DEPARTMENT	Vocational work SALES DEPARTMENT

Client acknowledged signature:

Engineering ENGINEERING DEPARTMENT	QA Q C DEPARTMENT	Purchase PURCHASING DEPARTMENT

Customer confirmation sample attached column:

Factory address: 3-4 floor, No.102, Aoxi Road, Aobei First Village, Henggang Town, Longgang District,

Shenzhen



Electrical technical parameters

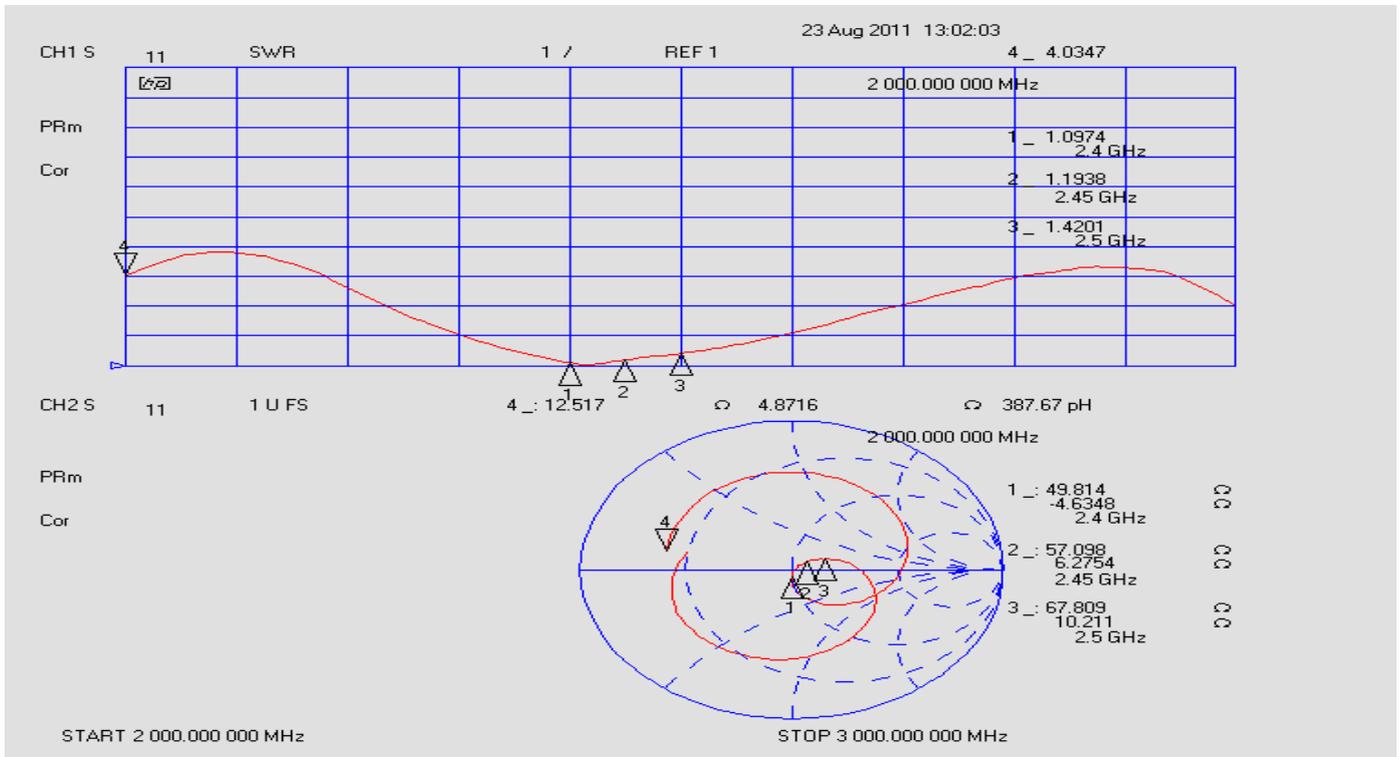
Electrical performance index	
Frequency range	2400-2500MHZ
Voltage standing-wave ratio	≤ 2.0
Gain	4.47DBI
Input impedance	50 Ω
Mechanical indicators	
Antenna color	Green
Interface form	SMA
Antenna length	200mm
Working temperature	-40°C ~ +85°C
Working humidity	20~80%

product picture

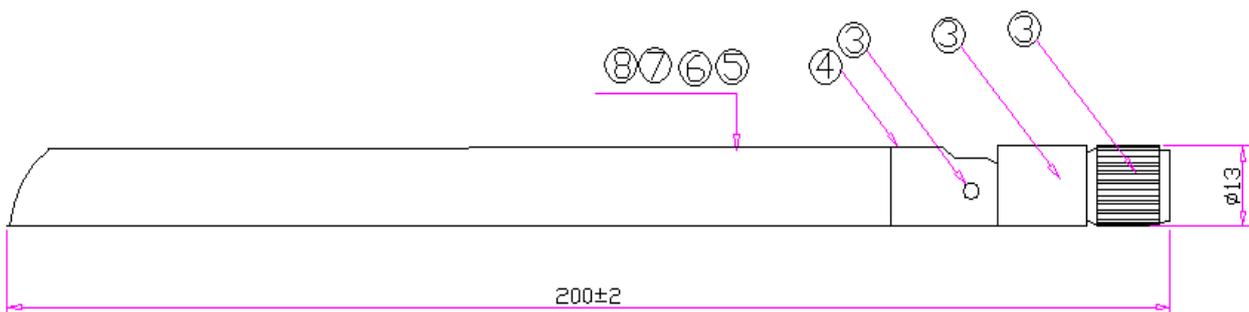




Net score test



Specification Figure:





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Environment performance test:

Project	Test condition	Specifications
Storage environment	Test temperature, humidity, air pressure without specified: 1. The temperature was-30 to + 80 2. Relative humidity was 45% -85% 3. The air pressure is 86 kpa-106 kpa	Electrical and mechanical properties are normal
Thermocycling	Five cycles were performed between 70 and 40 and then 1-2H under normal conditions.	Dimensions shall meet the requirements and shall be Meet the satisfaction In the mechanical and electrical performance
Constant humidity and heat Trial	Relative humidity $95 \pm 3\%$, test temperature: 40 . After continuous 2H action, determine the test article electrical performance within 5min after removal, the test article 1-2H under normal conditions, check the appearance quality	Dimensions shall meet the requirements and shall be Meet the satisfaction In the mechanical and electrical performance
Vibration test	Vibration frequency range: 10-55 HZ, displacement amplitude: 0.35MM, acceleration amplitude: 50.0 M/S, sweep frequency cycle times: 30 times	Electrical and mechanical properties are normal
Fall-down test	1M falls 3 times in the axis direction vertical to each other	Electrical and mechanical properties are normal

● 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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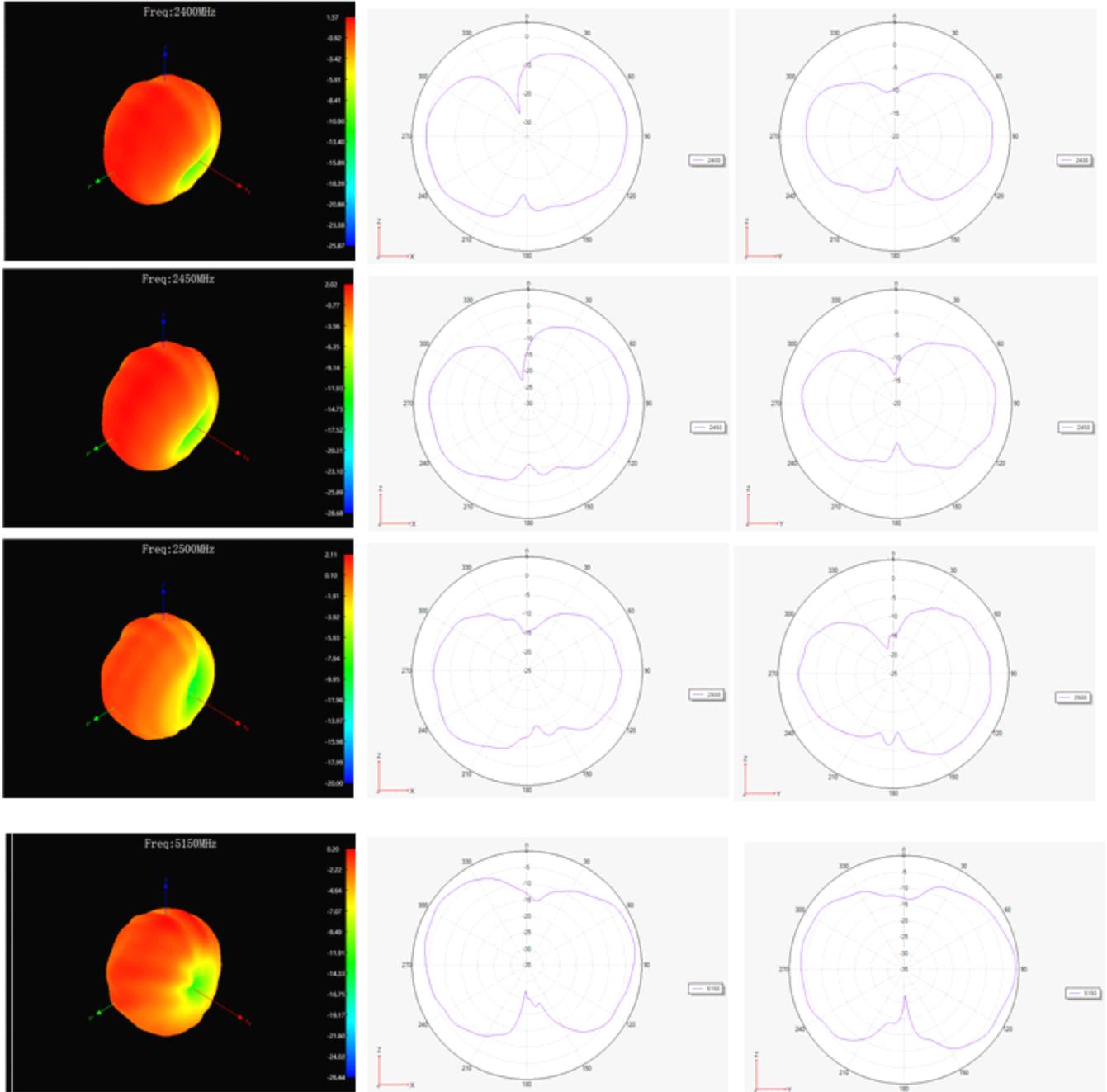


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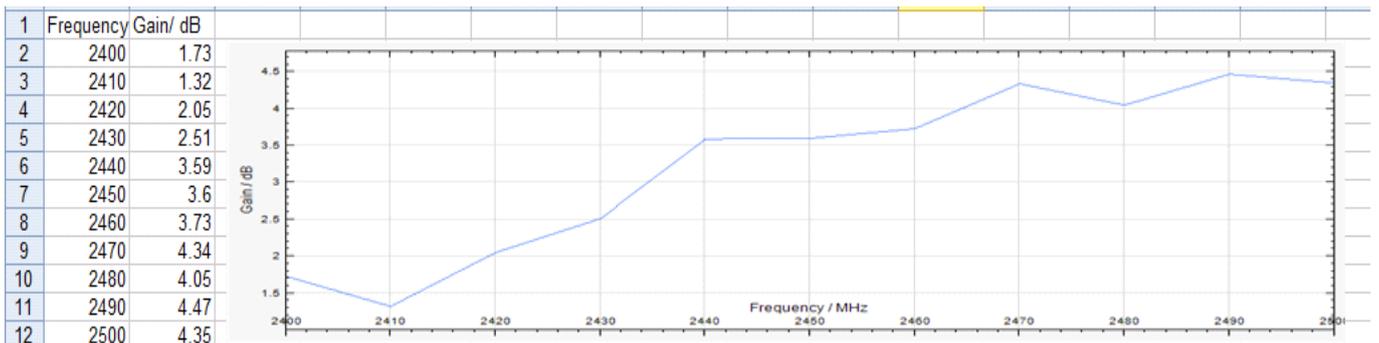
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