



Shenzhen Xinersheng Technology Co., LTD

ShenZhen XinErSheng Technology Co.,Ltd

Admission Letter

SPECIFICATION FOR APPROVAL

Customer name: _____

Product Name: 2.4GFPC antenna 1.13 Black wire L=180MM with buckle (4212)

Customer material number: _____

Manufacturer's part number: XESANT11B131005

Sample submission quantity: 5PCS

Production	Review	Approval	Sample submission date
Zhang Siyong	Fang Lizhi	Li Qinghui	2025.04.26

The customer acknowledges:

Admit	Review	Approval	Date of acceptance

Admit the situation: ☒ New product ☐ Product change

Acknowledge the project: ☐ The admission letter is in duplicate ☐ Sample 5PCS

Admit the conclusion: ☐ Receive ☐ Refuse

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Telephone: 0755-33881455

Fax: 0755-33233276

Email: liqinghui@xinershengant.com

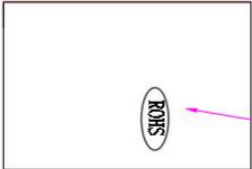
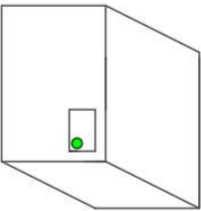
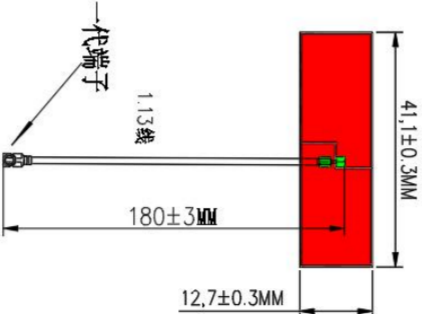
Main technical parameters of the product

Main technical parameters		Main technical specifications	
Frequency range (MHZ)	2400-2500	Frequency Range(MHZ)	2400-2500
Center frequency Characteristic impedance (Ω)	50 ± 10	Impedance(Ω)	50 ± 10
Peak gain (dBi)	3.29	Peak Gain(dBi)	3.29
Reflection loss	≤ -10	ReTurnLoss(dB)	≤ -10
Output voltage standing wave ratio	≤ 2	VSWR	≤ 2
Polarization mode	Vertical polarization	Polarization	Linear Vertical
Connection method	IPEX	Connector Type	IPEX
Physical properties		Physical Properties	
Antenna body material	FPC	Antenna Base	FPC
Working temperature	-20℃-+60℃	Operating Temp	-20℃-+60℃
Storage temperature	-20℃-+70℃	Storage Temp	-20℃-+70℃

List of raw materials:

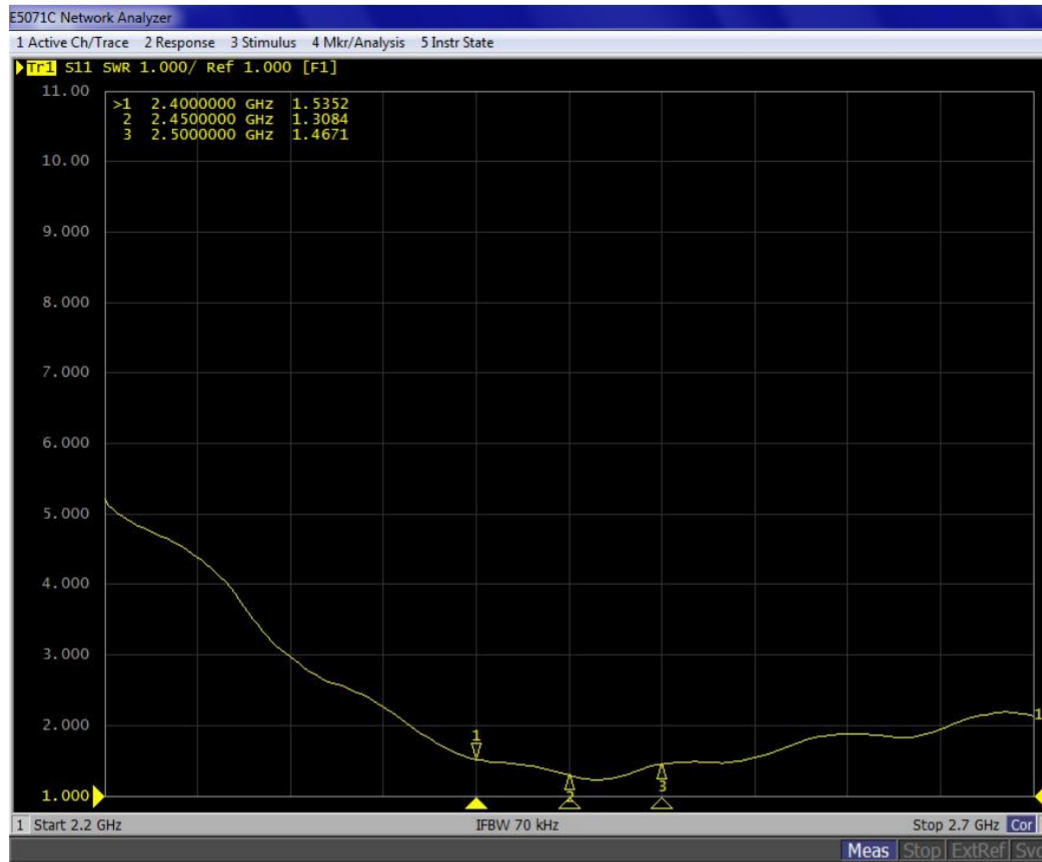
Component number	Component name	Main materials of raw materials	Usage quantity	Unit	Remarks
1	FPC	Double-sided tape + low-loss black Covering film	1	pcs	
2	1.13 line	1.13 line	1	pcs	
3	IPEX	copper	1	pcs	

Finished product drawing

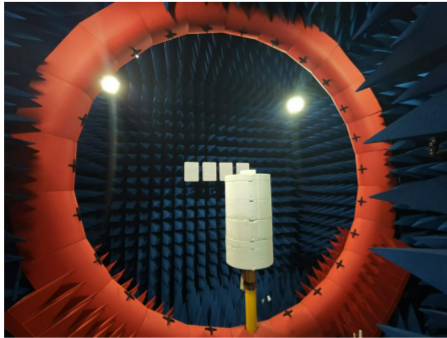
成品图															
															
 ROHS环保标签															
 1. 外箱需贴IPCS/ROHS标签于外箱标签上 2. 外箱需贴IPCS/外箱标签于外箱标签右上角															
Specification: Frequency Rang: 2400-2500MHZ Return Loss: -10DB or less VSWR: 2.0 Max Gain: 3dbi															
															
深圳市鑫尔盛科技有限公司															
<table border="1"> <tr> <td>TITLE:</td> <td>2.4G FPC天线 1.3 黑色线</td> </tr> <tr> <td>P/N</td> <td>L=180MM 带扣 (4212)</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> <tr> <td>DRAW NO:</td> <td>XESANT11B131005</td> </tr> <tr> <td colspan="2">DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED</td> </tr> <tr> <td>一般公差</td> <td>XXX ±0.05 XX ±1.0</td> </tr> <tr> <td>TOLERANCE</td> <td>XX ±0.1 X ±0.2 X ±0.5</td> </tr> </table>		TITLE:	2.4G FPC天线 1.3 黑色线	P/N	L=180MM 带扣 (4212)	CUSTOMER:		DRAW NO:	XESANT11B131005	DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED		一般公差	XXX ±0.05 XX ±1.0	TOLERANCE	XX ±0.1 X ±0.2 X ±0.5
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<table border="1"> <tr> <td>一代PEX</td> <td>箱</td> <td>1</td> <td>Q' TV</td> <td>REMARK</td> </tr> <tr> <td colspan="5">DESCRIPTION</td> </tr> </table>		一代PEX	箱	1	Q' TV	REMARK	DESCRIPTION								
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Main technical parameters of the product

Network Analyzer Test Report:



Testing equipment



OTA Test system

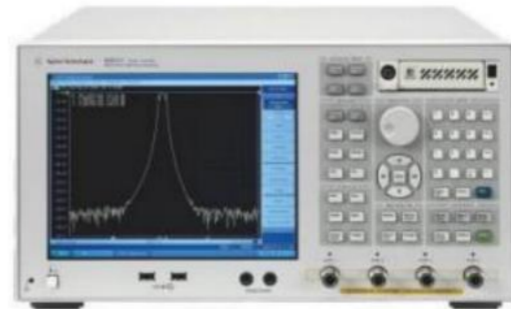
Brand: Feitu

Frequency range 400MHz-8.5GHz

Darkroom size 4m*4m*4m

Number of probes: 24(23 dual-polarization probes and 1 communication probe) combined with passive testing.

Function: Passive and active testing; G 网、C 网、2G/3G/4G , WIFI , BT Equal format TRP、TIS Testing, etc.



Model: 5071C

Brand: Agilent

Frequency range: 9KHz-8.5GHz

Function: 2G/3G/4G/BT/WIFI and other antenna integration systems



Model: 8960

Brand: Agilent

Frequency range: 292MHz-2700GHz

Function: Meets the requirements for 2G/3G active testing



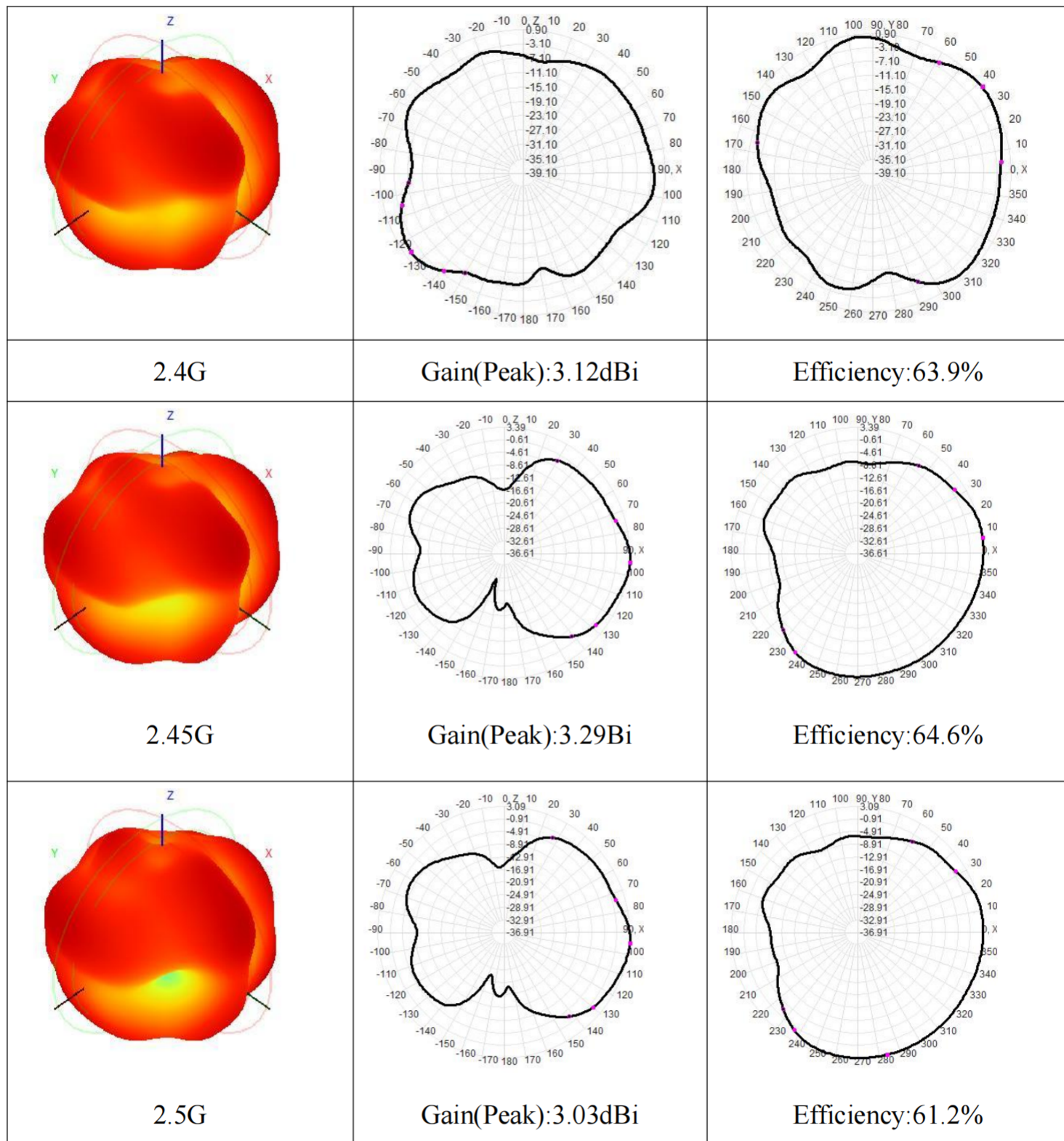
Model: CMW500

Brand: Rohde & Schwarz

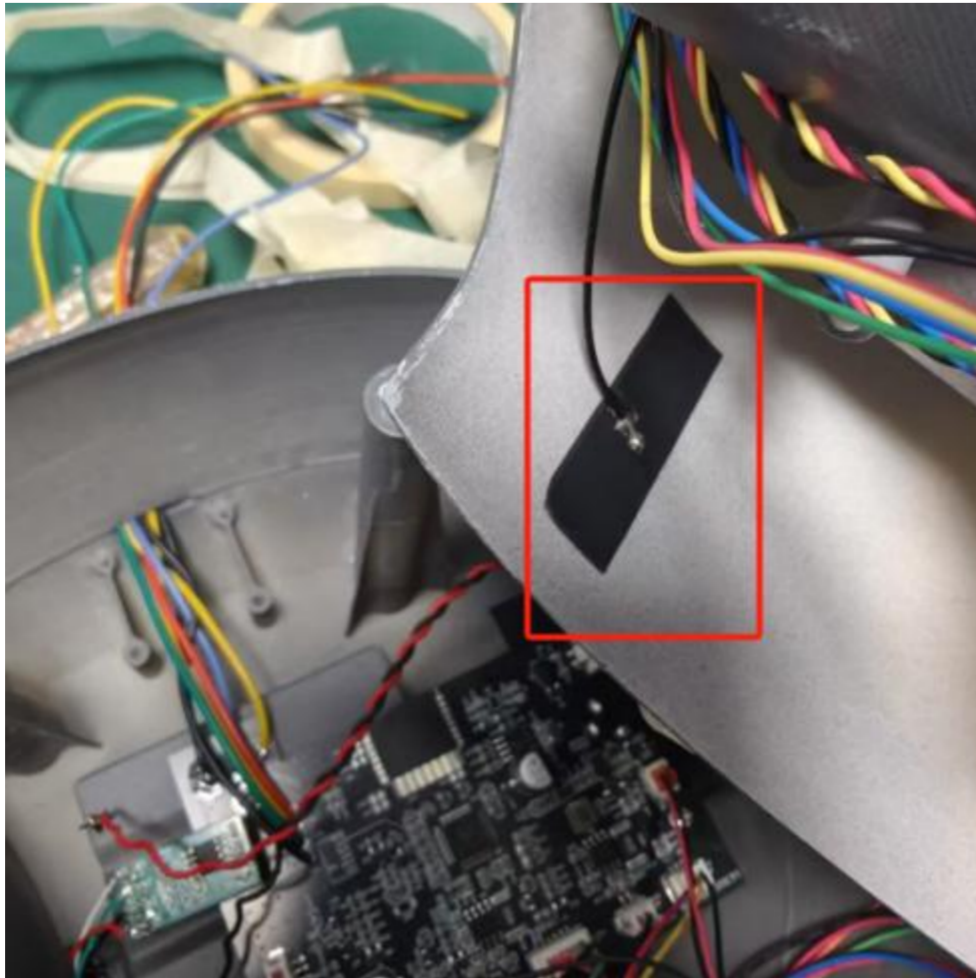
Frequency range: 70KHz-6GHz

Function: Comprehensive active testing of 2G/3G/4G/BT/WIFI/ NB-IOT and other antennas

2D、3DRaditation Pattern



Assembly drawing:



Active test data:

WiFi	Band	信道	TRP	Band	信道	TIS
	802.11B-11Mbps	1	17.06	802.11B-11Mbps	1	-87.48
		6	17.49		6	-87.05
		11	17.12		11	-86.53

Product packaging specification

Product Name/Specification

1. Label Requirements

Purchase Order number	*****
Material code	*****
Product Name and Specification	*****
Quantity/Unit	*****
Remarks	*****

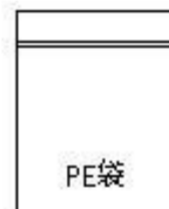
Purchase Order number	*****
Material code	*****
Product Name and Specification	*****
Quantity/Unit	*****
Remarks	*****

2. Packing Requirements

Assignment Instructions:

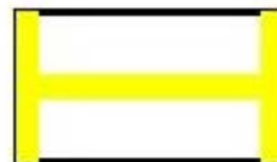
(1). Inner packaging:

A small bag of 100 pieces of the product

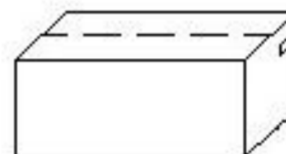


(2). Outer packaging

The quantity per box will be determined based on the actual quantity



纸箱



Notes

1. Should partitions and pearl cotton be added;
2. Label application, such as ROHS, etc.