



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: _____

Product name: 2.4/5.8G FPC ANTENNA 1.13 BLACK WIRE L=90MM,
ONE GENERATION TERMINAL

Customer Part
Number: _____

Manufacturers of
Material: _____ XESANT11B13912 _____

Deliver quantity: _____ 5PCS _____

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2025.06.03

Admit that situation: ☒new product ☐ product shanges

Admit that project: ☐acknowledgement ☐soecimen 10PCS

Admit that conclusion: ☐reception ☐refuse

Manufacturer: ShenZhen XinErSheng Technology Co.,Ltd

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Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500/5150-5850
Impedance(Ω)	50 ± 10
Gain(dBi)	3 ± 1
ReTurnLoss(dB)	≤ -10
VSWR	≤ 2
Polarization	Linear Vertical
Connector Type	IPEX
Physical Properties	
Antenna Base	FPC
Operating Temp	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$
Storage Temp	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$

List of raw materials:

Serial number	Name	Texture	Quantity	Unit	Remark
1	FPC	9471 adhesive paper	1	PCS	
2	Line 1.13	Line 1.13	1	PCS	
3	IPEX	copper	1	PCS	

Product drawing

Finished product drawing

Technical drawing showing the antenna assembly. The antenna is labeled 'XESANT-Q6/Q10-FPC294204'. The cable is labeled '1.13 LINE'. The connector is labeled 'Generation terminals'. The dimensions are 20.5 mm for the antenna height and 29.4 mm for the antenna width. The cable length is 90 ± 3 mm. The connector is labeled '90 ± 3 mm'.

Specification:

Frequency Rang: 2400-2500MHz

5150-5850MHz

Return Loss: -10dB or less

VSWR: 3 Max

Gain: 3 dbi

NO	DESCRIPTION	QTY	REMARK
2	RF LINE		1.13 LINE
1	Terminal		copper

TITLE:	2.4/5.8G FPC ANTENNA 1.13 BLACK WIRE L=90MM, ONE GENERATION TERMINAL
P/N	
CUSTOMER:	
DRAW NO:	XESANT12B13912

Shenzhen Xinersheng Technology Co., Ltd

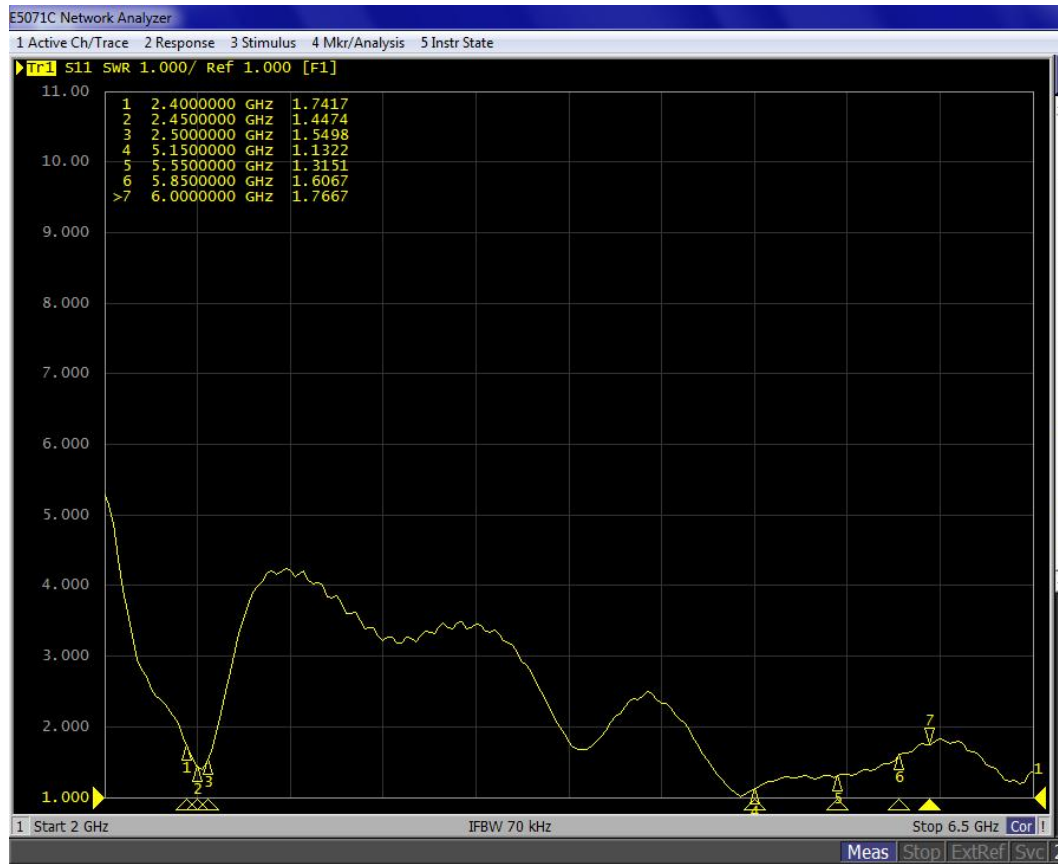
Dimensions Tolerances Unless Otherwise Noted

一般公差		
XXX ±0.05	XX ±1.0	
XX ±0.1		
X ±0.2		
X ±0.5		

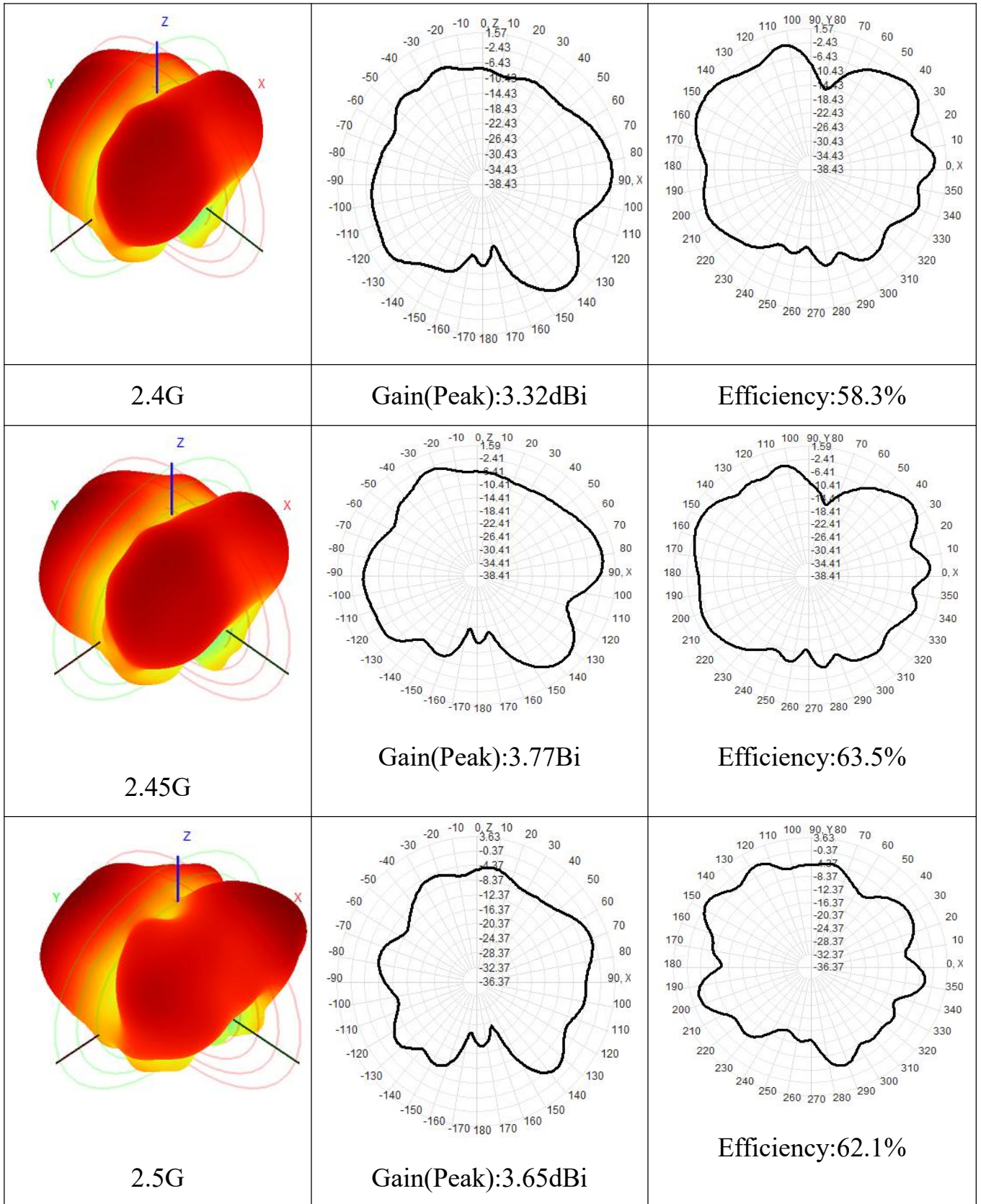
SHEET: 1/1	SCALE: 1/1	UNIT: MM	REV. A
APPROVED	CHECKED	DRAWED	

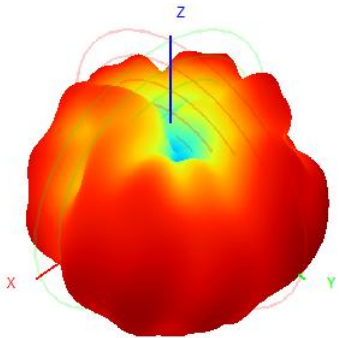
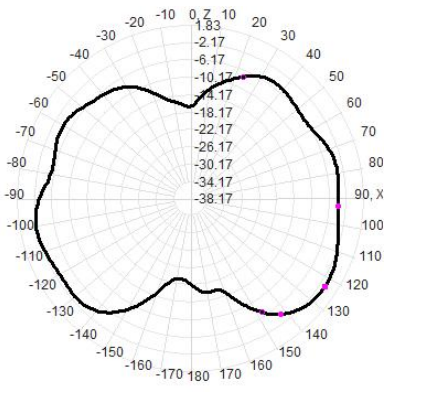
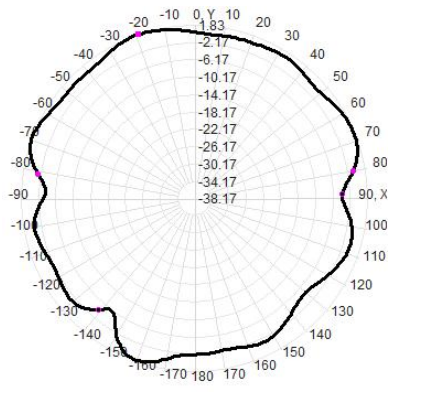
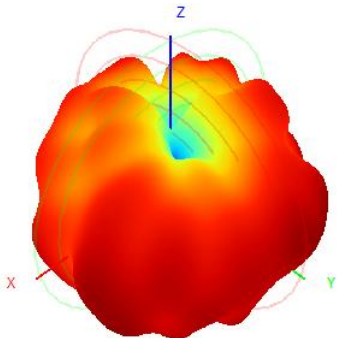
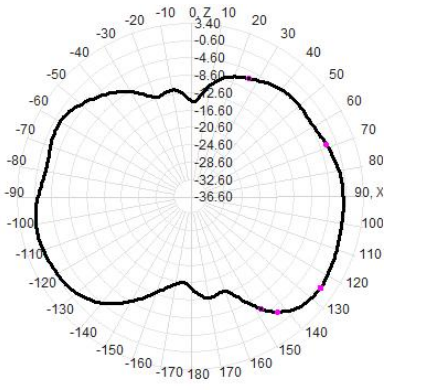
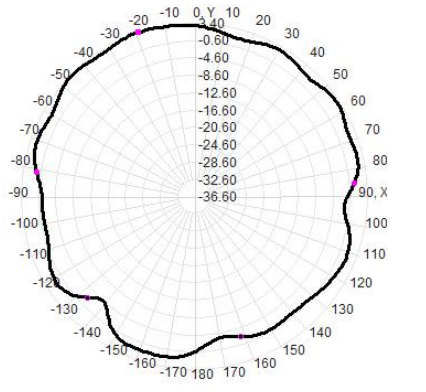
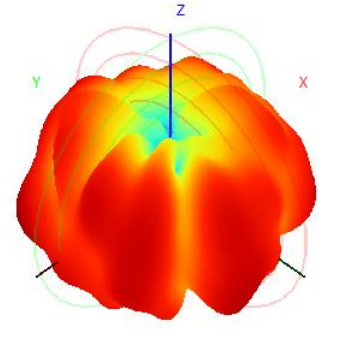
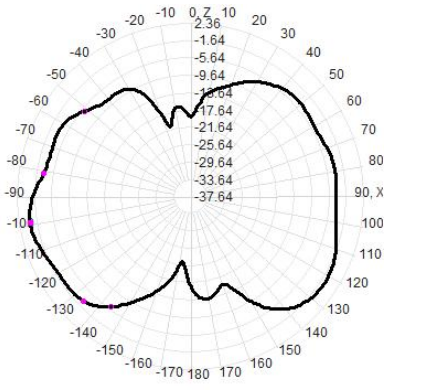
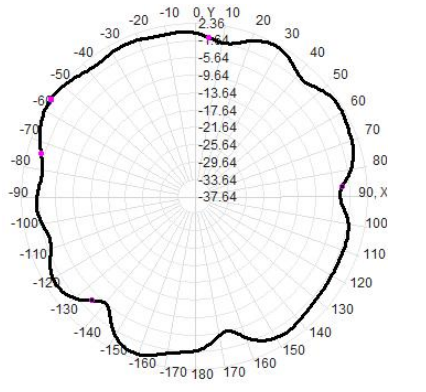
Network analyzer test report:

1. SWR:



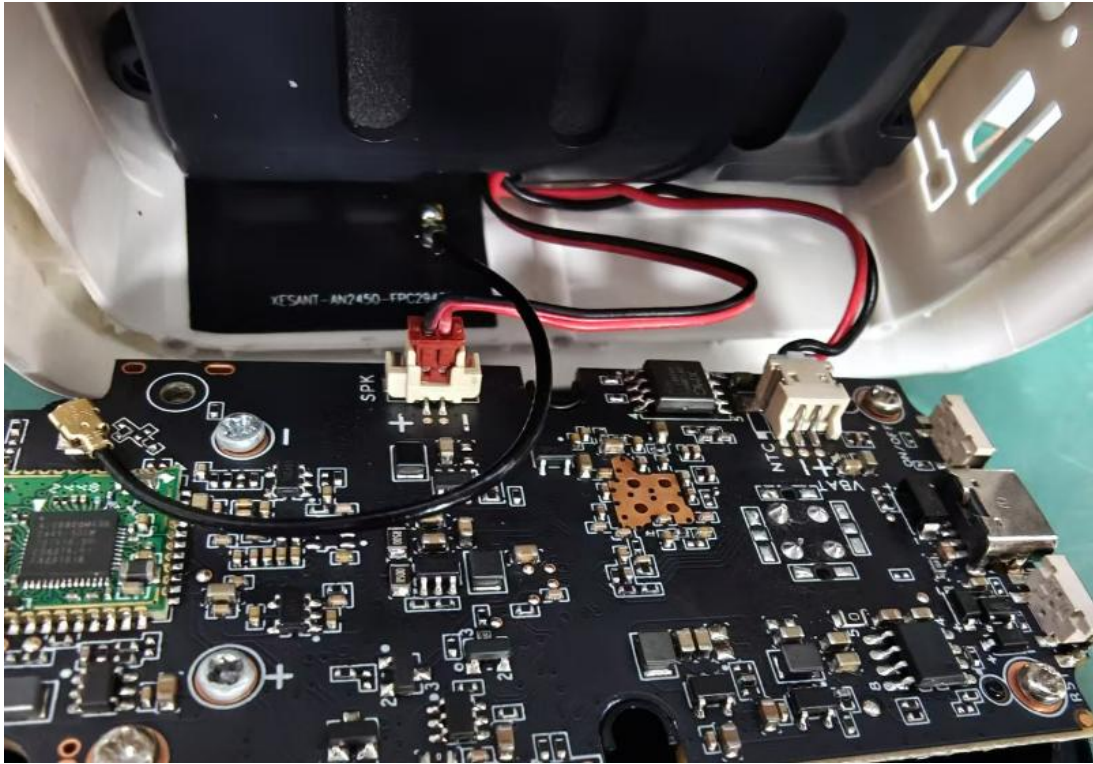
2D、3DRaditation Pattern



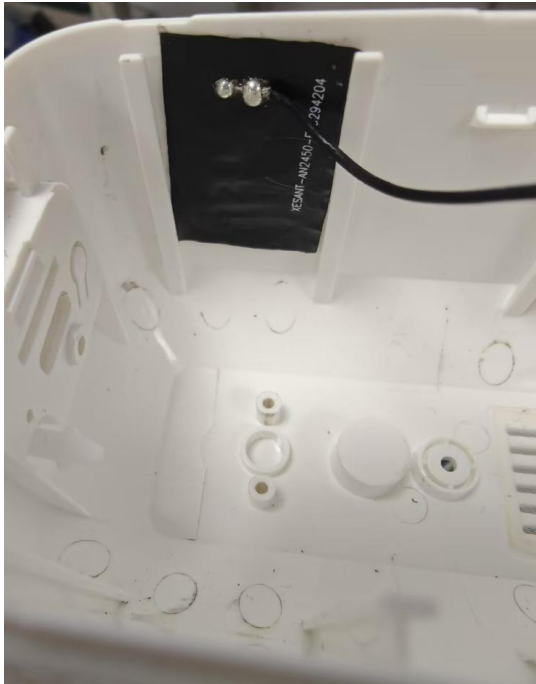
		
5.15G	Gain(Peak):3.22dBi	Efficiency:42.5%
 5.5G	 Gain(Peak):3.13dBi	 Efficiency:45.3%
 5.85G	 Gain(Peak):3.35dBi	 Efficiency:41.5%

装配照片

Q10



Q12





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有源测试数据:

Q10

	Band	信道	TRP	Band	信道	TIS
2.4	802.11B-11Mbps	1	17.36	802.11B-11Mbps	1	-73.35
		6	16.51		6	-74.02
5.8	802.11A-54Mbps	36	14.66	802.11A-54Mbps	36	-74.59
		149	15.02		149	-74.1

Q12

Q12						
	Band	信道	TRP	Band	信道	TIS
WIFI	802.11B-11Mbps	1	20.3	802.11B-11Mbps	1	-87.25
		6	19.58		6	-85.83
		11	19.94		11	-87.81
		36	16.06		36	-75.99
	802.11A-54Mbps	149	17.89	802.11A-54Mbps	149	-75.69
		165	17.01		165	-75.5

产品包装规范

产品名称/规 范

一、标签要求

采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

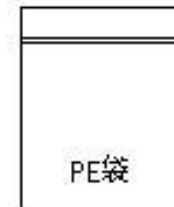
采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

二、装箱要求

作业说明：

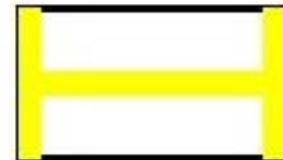
1. 内包装：

产品 100 PCS 一小袋

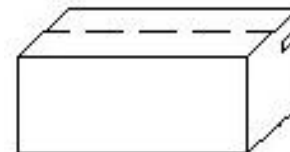


2. 外包装：

根据实际数量定数量/箱



纸箱



注意事项：

1. 是否要增设隔板、珍珠棉；
2. 标签的贴附，如 ROHS 等；