



Shenzhen Jiexuntong Wireless
Technology Co., LTD

Antenna specification of
Shenzhen
Jixuntong
Wireless
Technology Co.,
LTD

Customer name:

Zhongxinyang

Project Model:

M1 / M2



Shenzhen Jiexuntong Wireless Technology Co., LTD

Antenna specification:

WIFI FPC Antenna issue

date: 2024-5-20

This specification belongs to Shenzhen Jixuntong Wireless Technology Co., Ltd. and relevant customer confidential archive, please keep properly, without the permission of our company and relevant customers, no one is allowed to leak.

catalogue

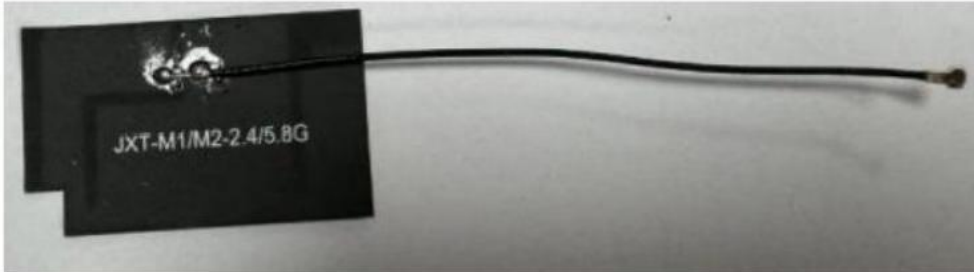
1. The antenna picture.....	Page 3
2. Antenna matching.....	Page 4
3. Product specifications.....	Page 4
4. Electrical performance report.....	Page 5-2 0
5. Engineering drawing.....	Page # 2 1

Address: 409, Building A, No.30, Sanwei Aviation Road, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen City

Contact number: 0755-23731203

Website: [http: // www.jxtant.com](http://www.jxtant.com)

, Antenna pictures



two., testing environment

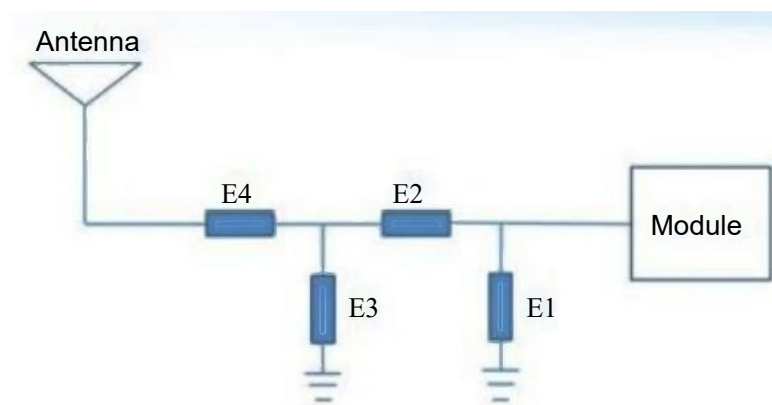
2.1. Environmental treatment



Bubble cotton pad is high

3. antenna loading coil

3.1. The antenna



E1	E2	E3	E4
NC	00	NC	00

*: We have not made changes to the original antenna front-end matching.

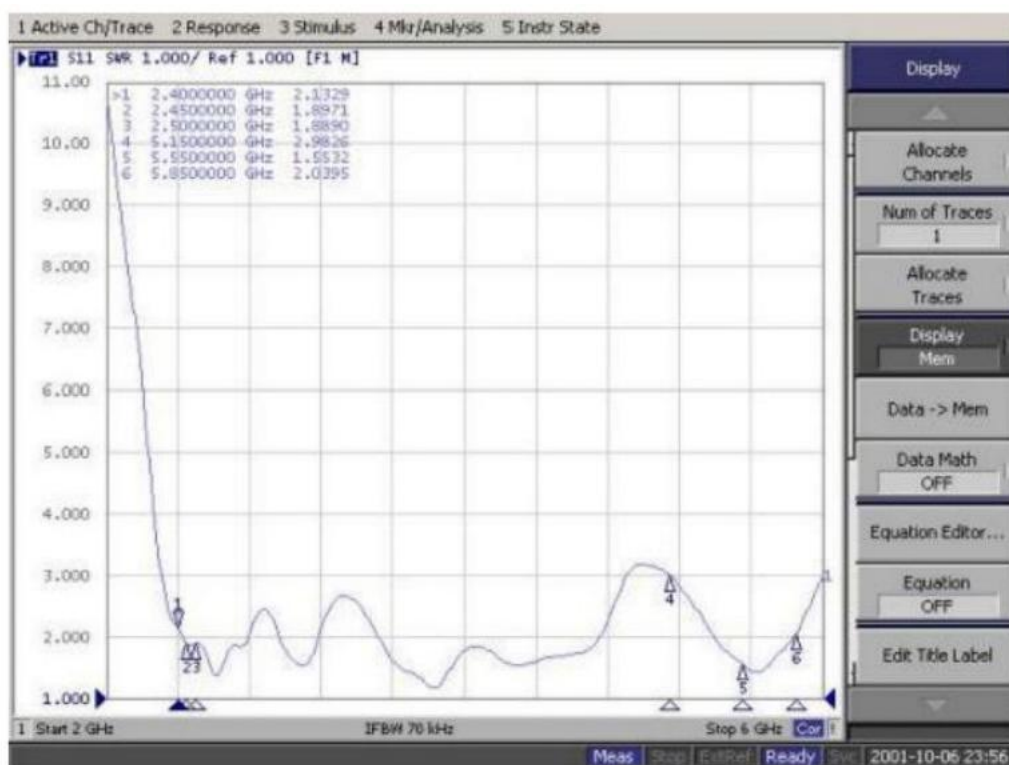
4. *size of product*

<u>Passive electrical performance index: Passive Electrical Specifications</u>		
Frequency range: Frequency Range (MHz)	2400-2500MHZ	5000-6000MHZ
Input the impedance of Input Impendence (Ω)	50	
Voltage standing ratio VSWR	≤ 5	
Gain Gain (dBi)	The	
Polarized form Polarization Type	<3 dBi line is polar ized	

5. Electrical performance report

VSWR

M1

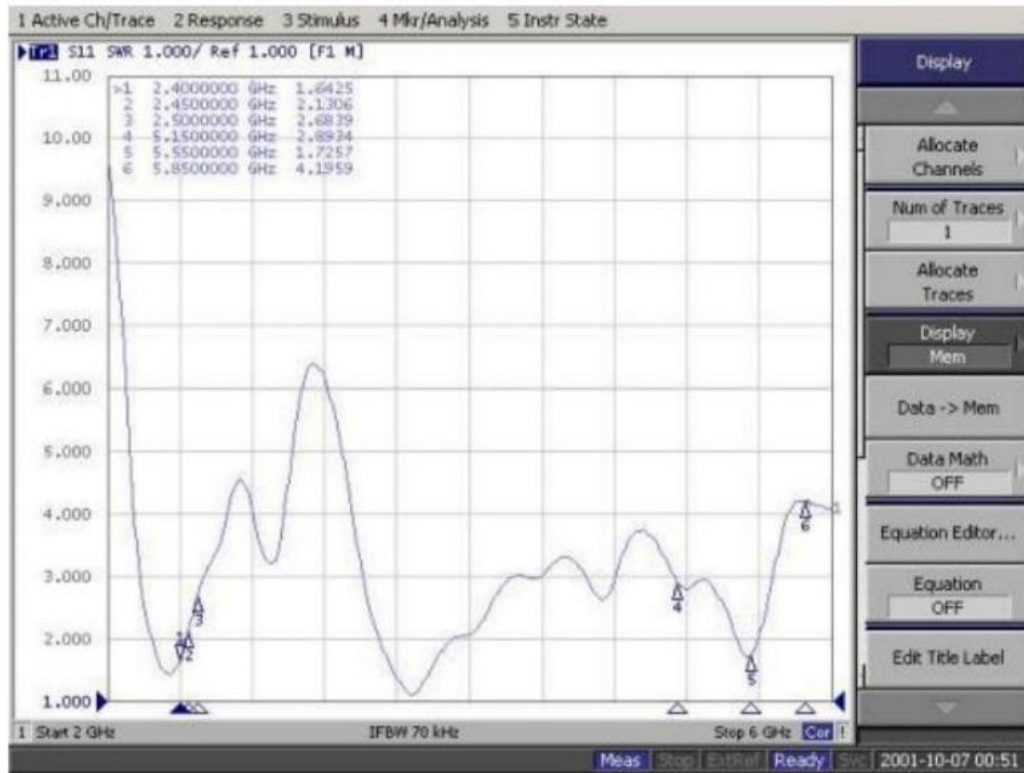


Frequency (MHz)	24002450	2500	5150	5550	5850
VSWR	2.13	1.891.88	2.981.55	2.03	



Shenzhen Jiexuntong Wireless Technology Co., LTD

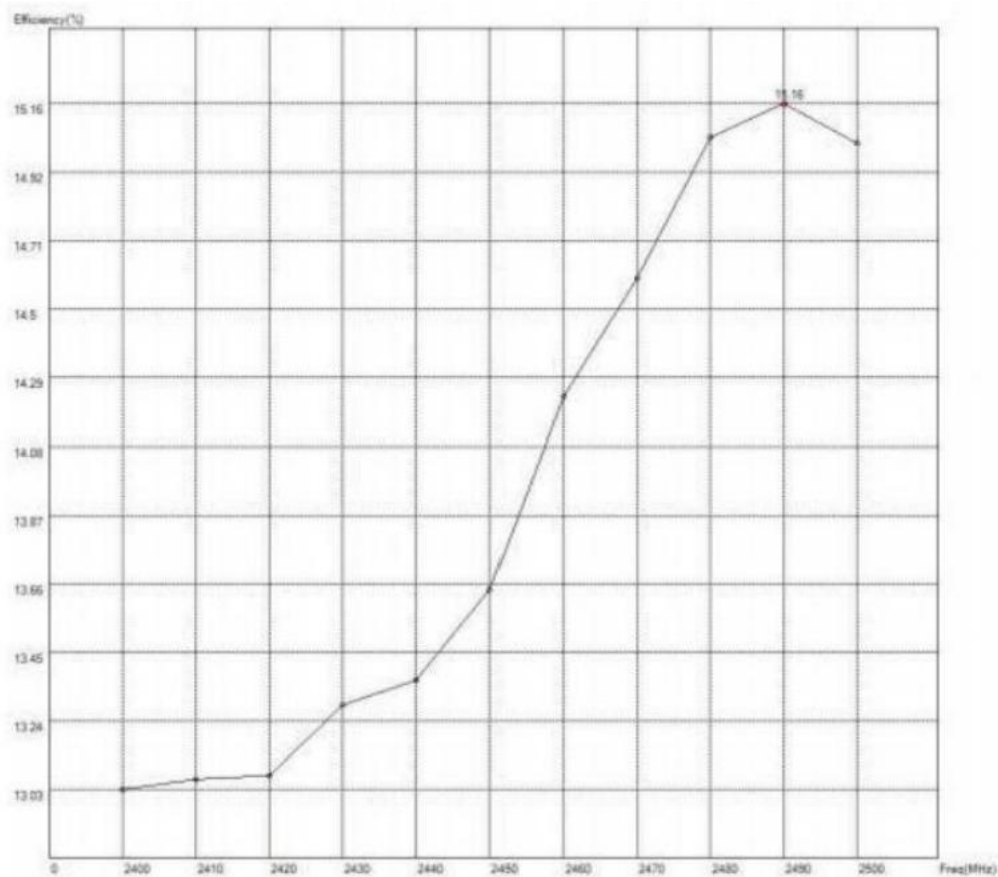
M2



Frequency (MHz)	2400	2450	2500	5150	5550	5850
VSWR	1.64	2.13	2.68	2.89	1.72	4.19

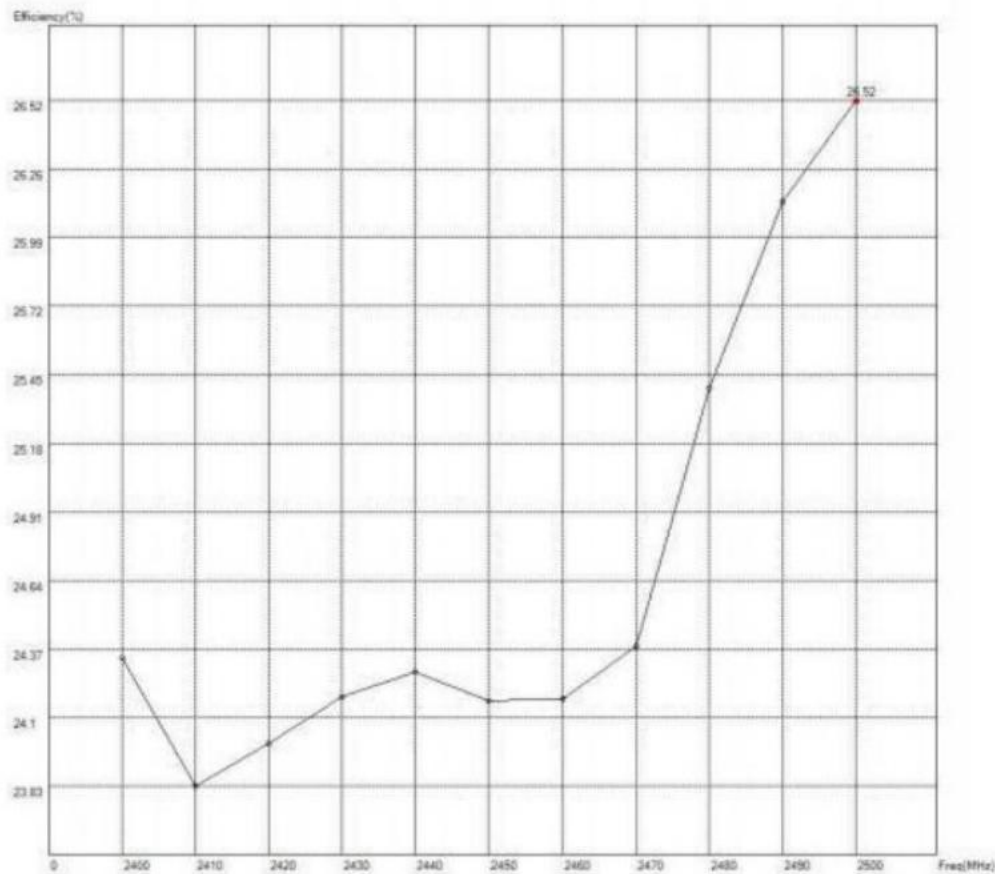
Benefit of Efficiency

M1



Frequency (MHz)	2400	2450	2500
Efficiency (%)	13.03	13.64	15.03

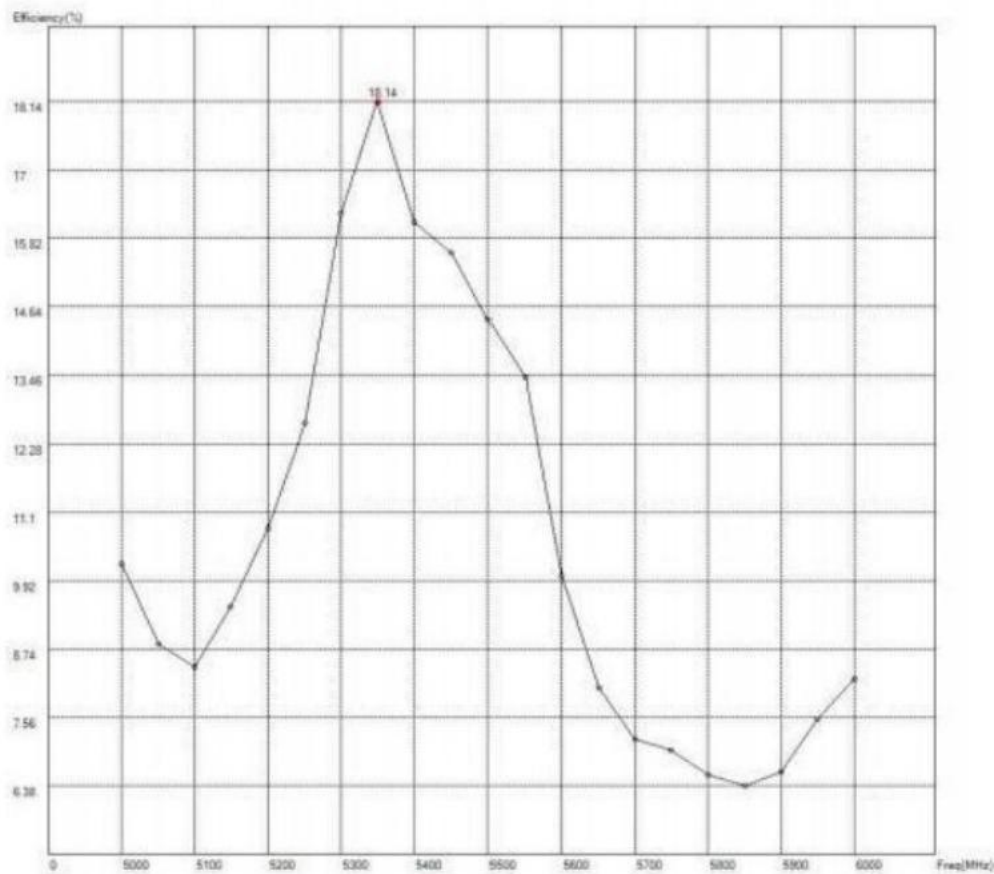
M2



Frequency (MHz)	2400	2450	2500
Efficiency (%)	24.32	24.16	26.52

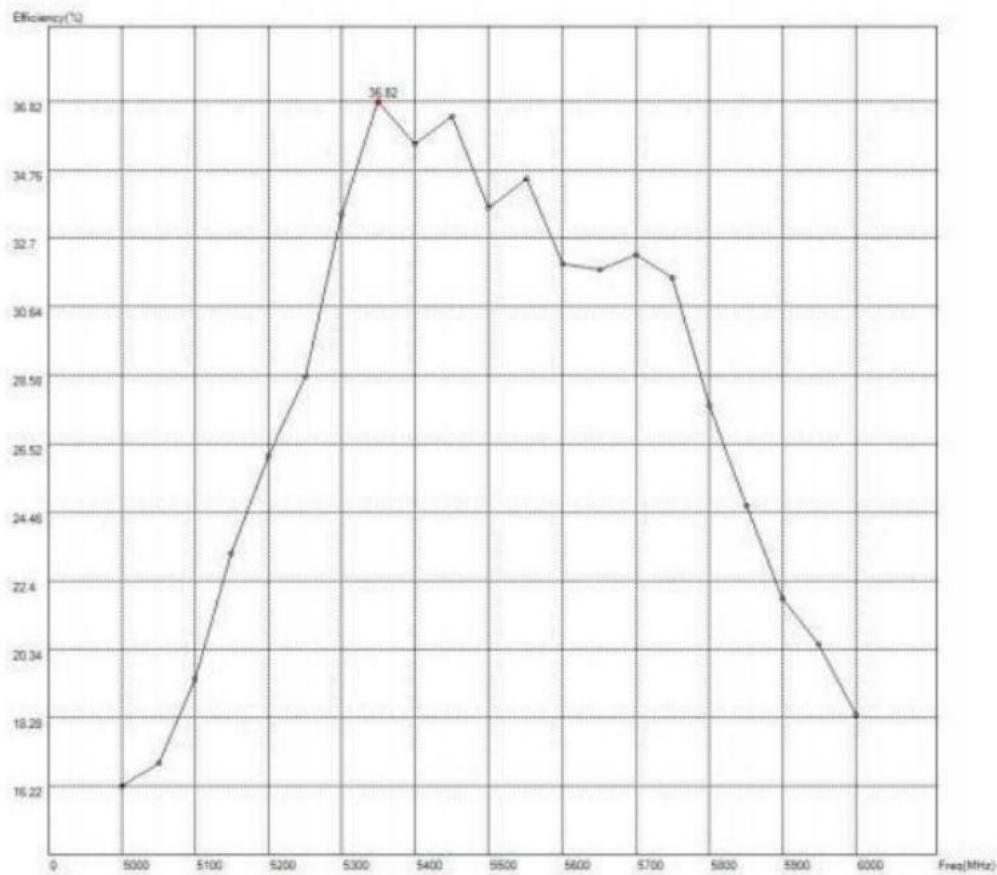


M2



Frequency (MHz)	5150	5450	5850
Efficiency (%)	9.45	15.52	6.37

M1



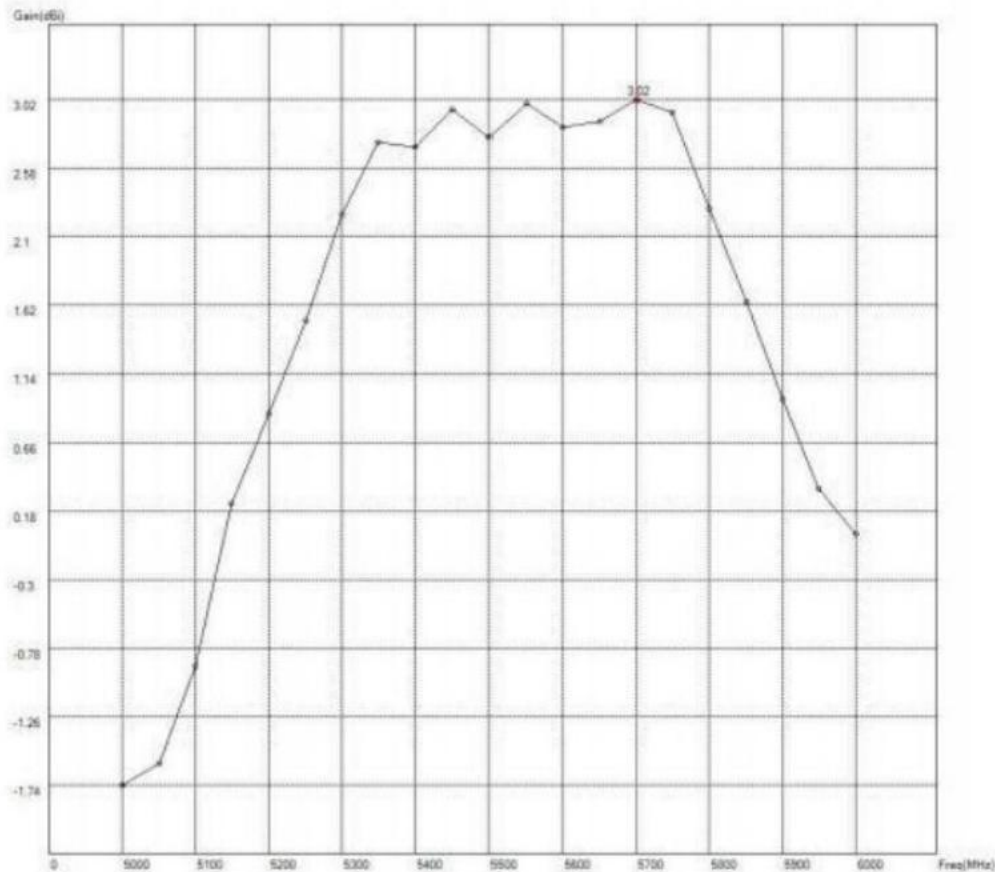
Frequency (MHz)	5150	5450	5850
Efficiency (%)	23.22	36.38	24.67



Shenzhen Jiexuntong Wireless Technology Co., LTD

gain Gain

M1

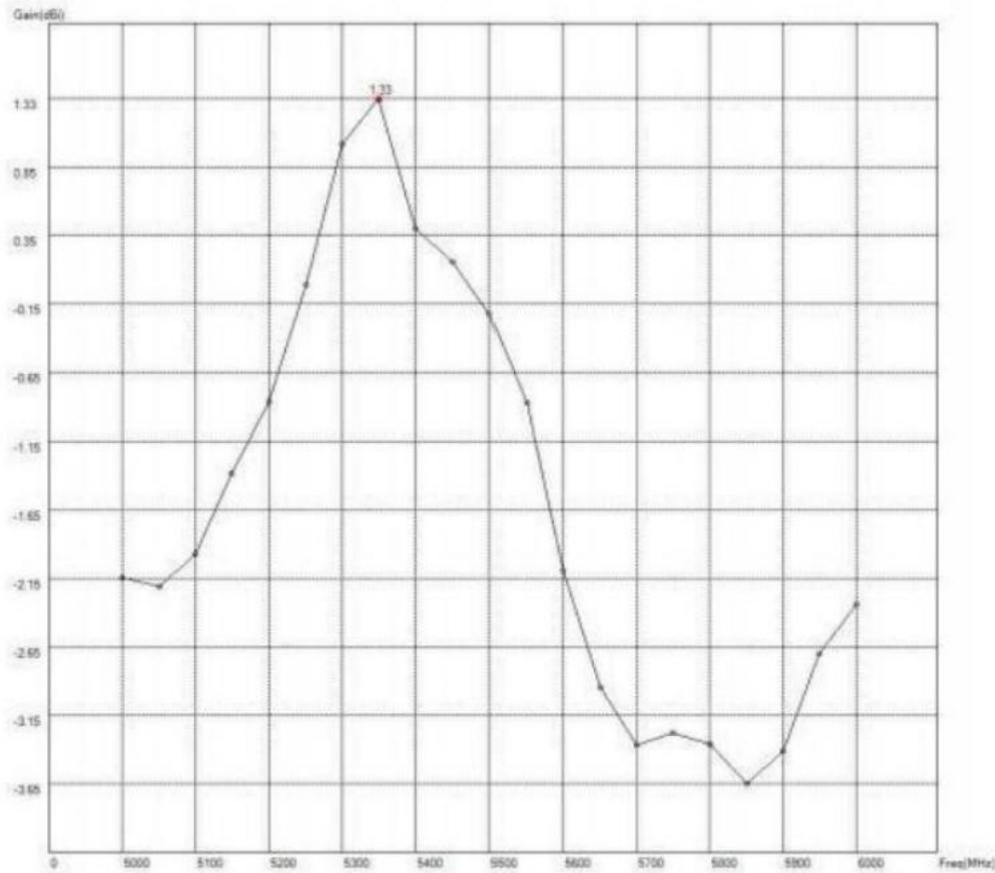


Frequency (MHz)	5150	5450	5850
Gain (dbi)	0. 21	2. 94	1. 60



Shenzhen Jiexuntong Wireless Technology Co., LTD

M2

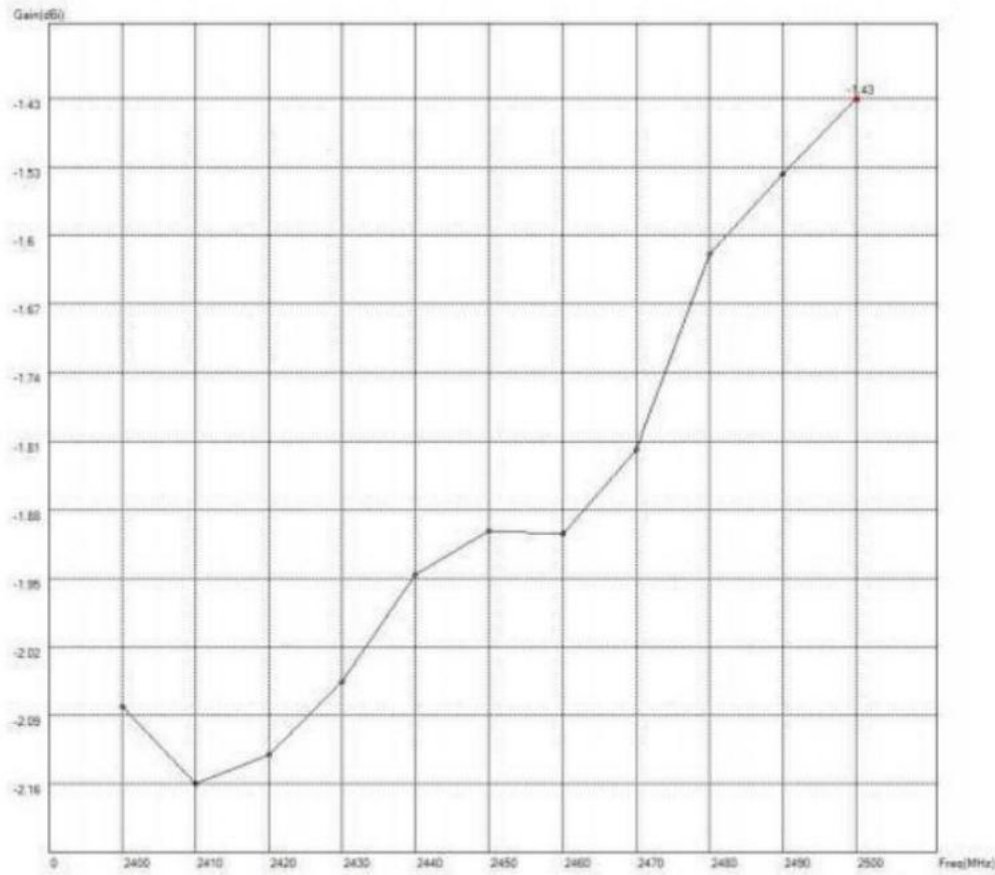


Frequency (MHz)	5150	5450	5850
Gain(dbi)	-1.39	0.13	-3.64



Shenzhen Jiexuntong Wireless Technology Co., LTD

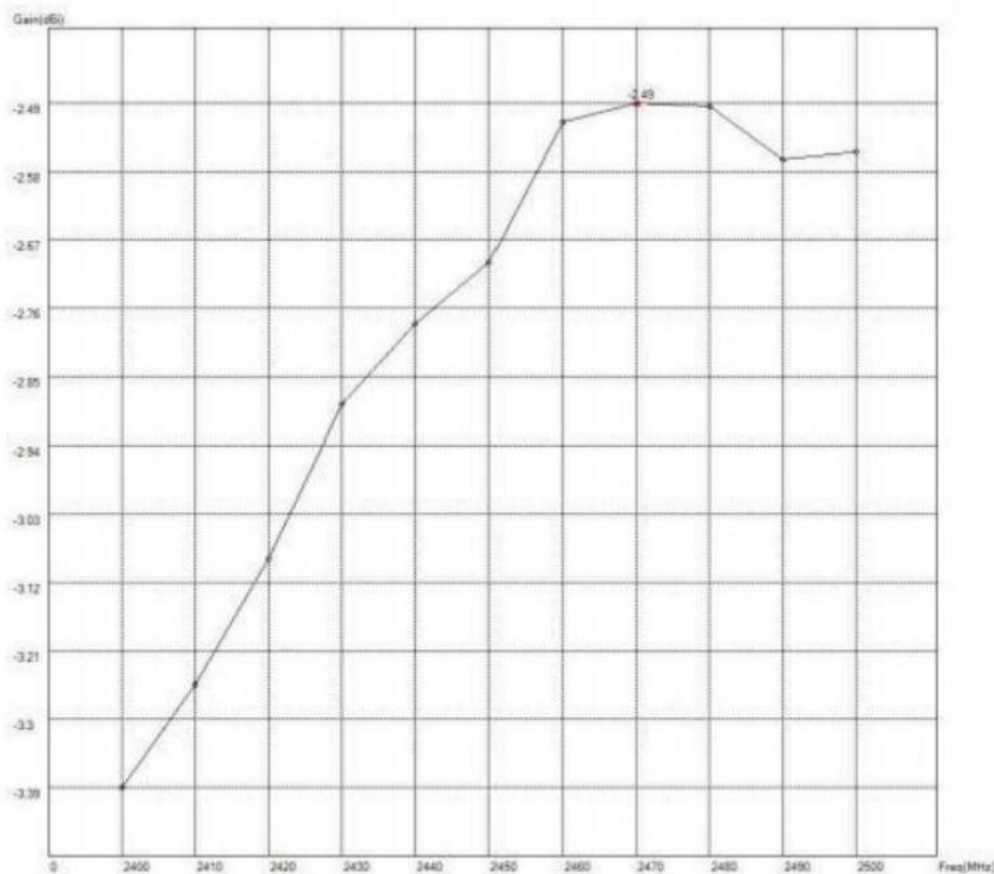
M2



Frequency (MHz)	2400	2450	2500
Gain (dbi)	-2.07	-1.89	-1.42



M1



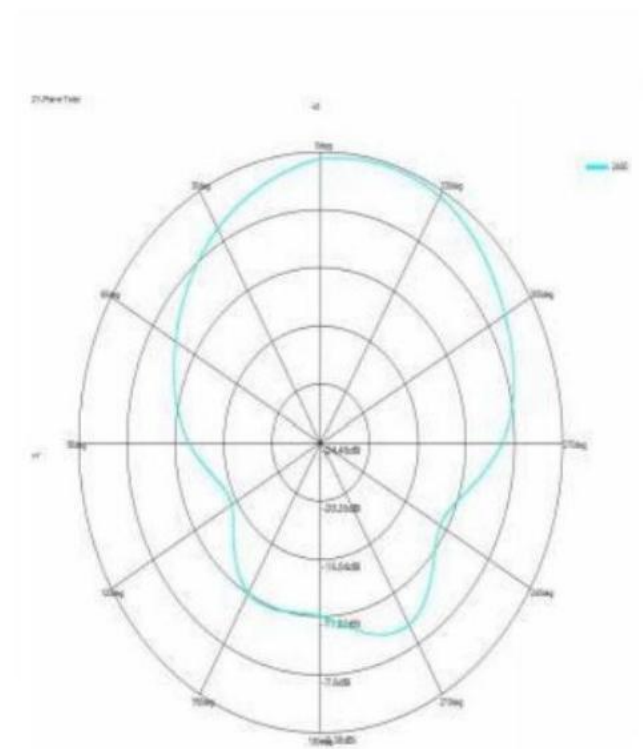
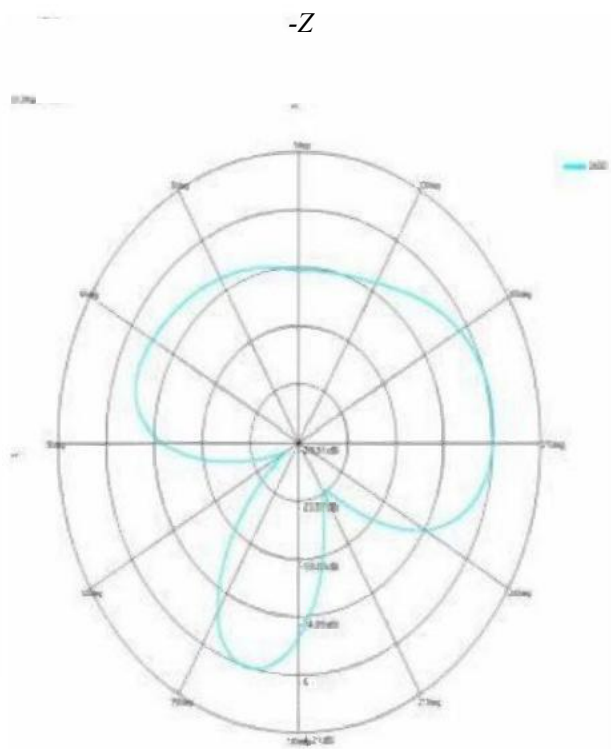
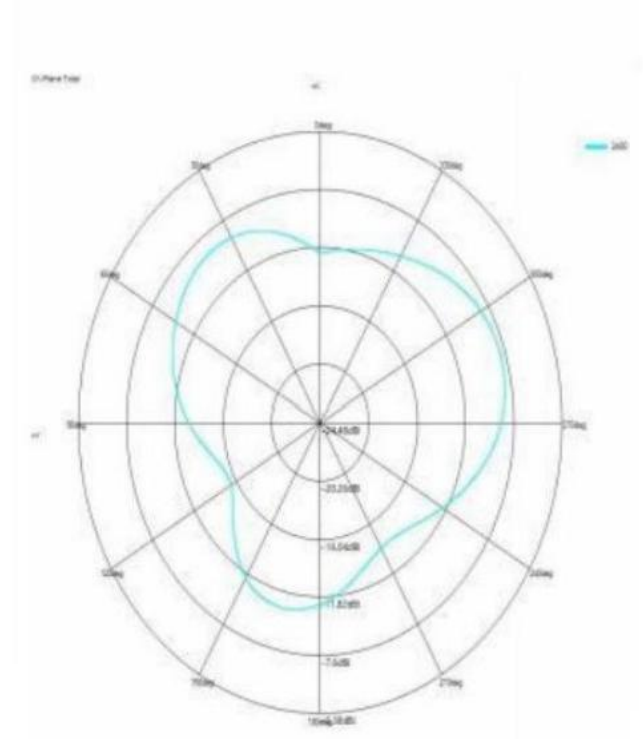
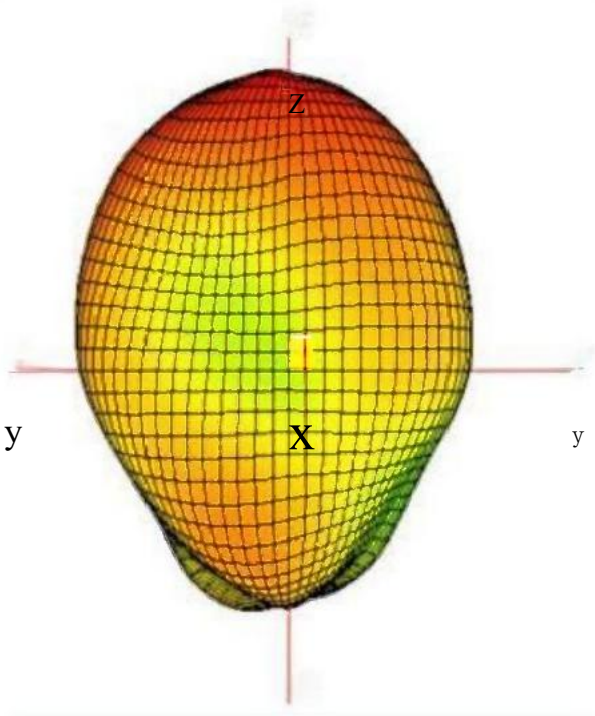
Frequency (MHz)	2400	2450	2500
Gain(dbi)	-3.38	-2.69	-2.55



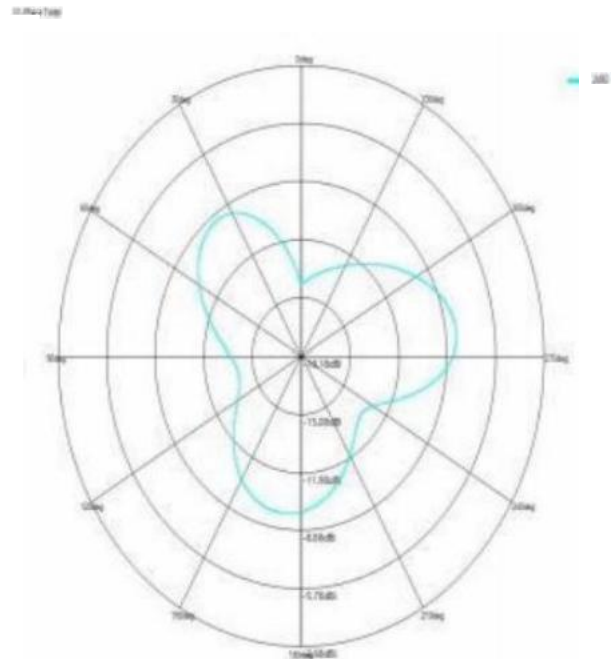
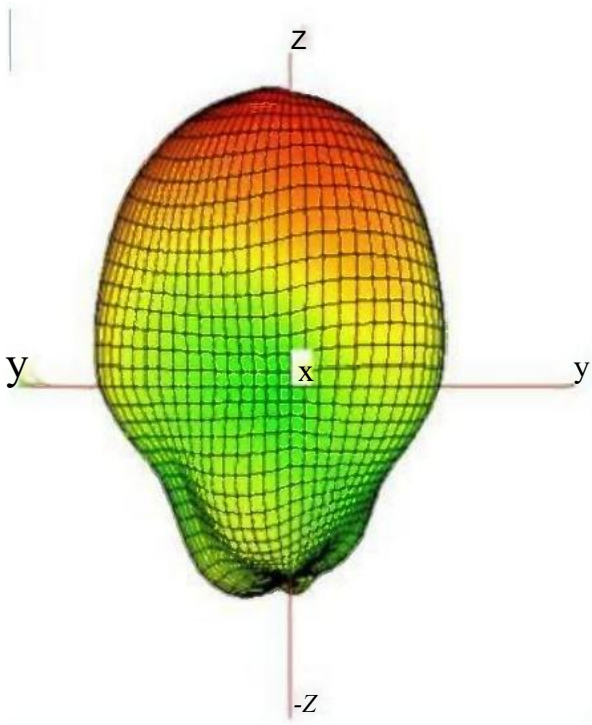
Shenzhen Jiexuntong Wireless Technology Co., LTD

directional diagram

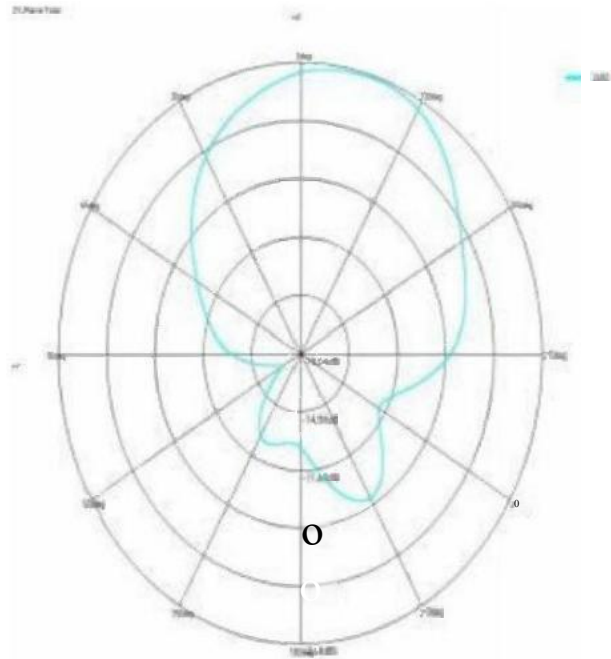
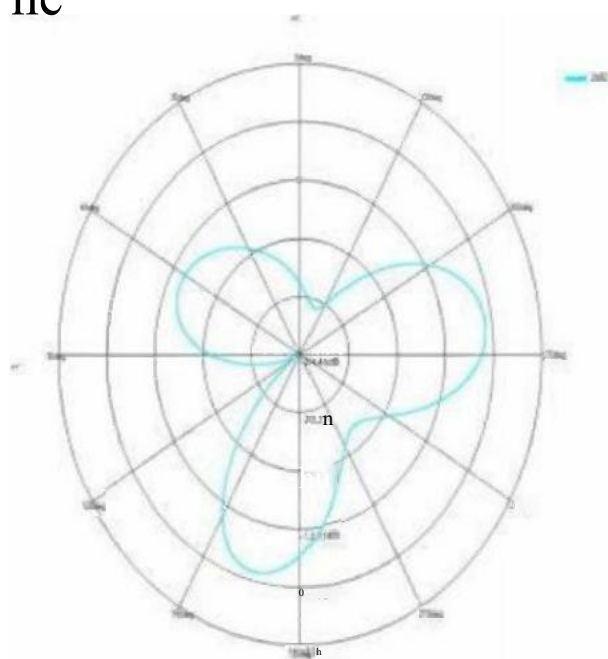
The WiFi antenna is at 2400 Mhz



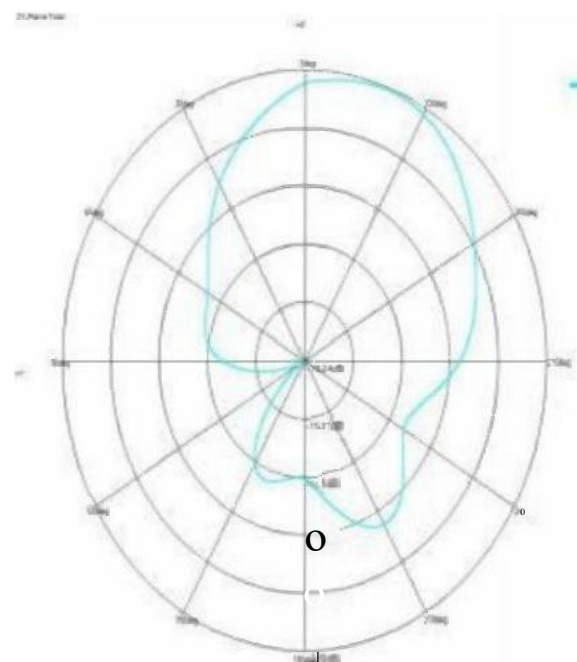
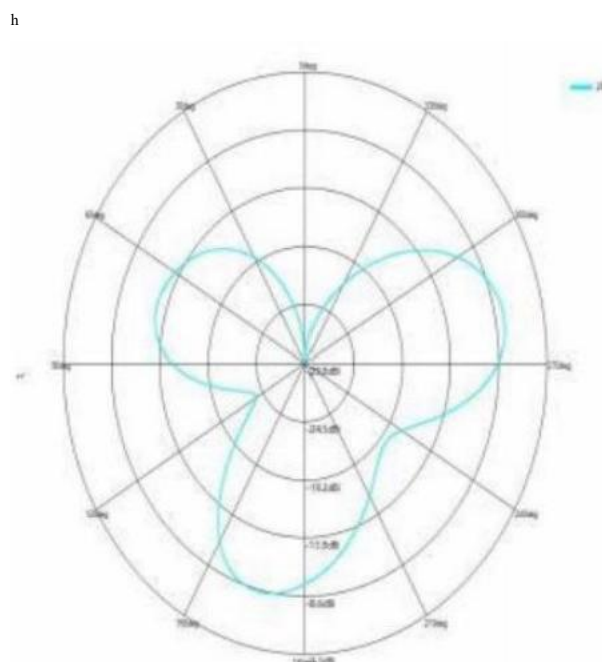
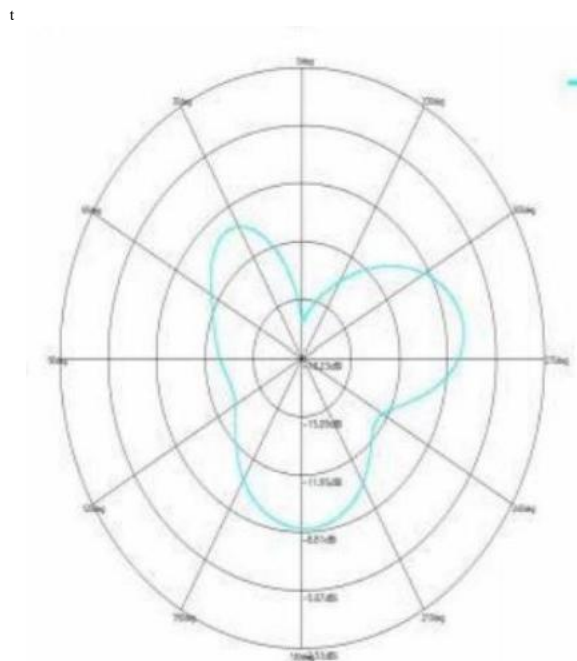
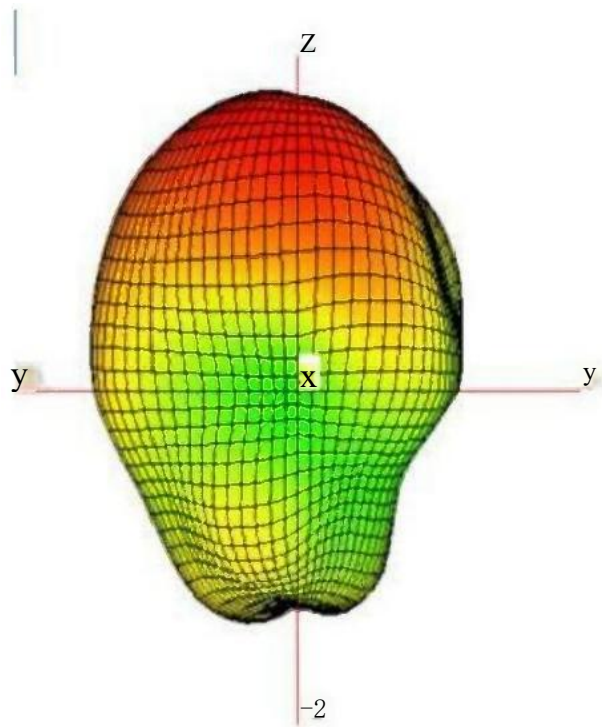
The WIFI antenna at 2450 Mhz



he

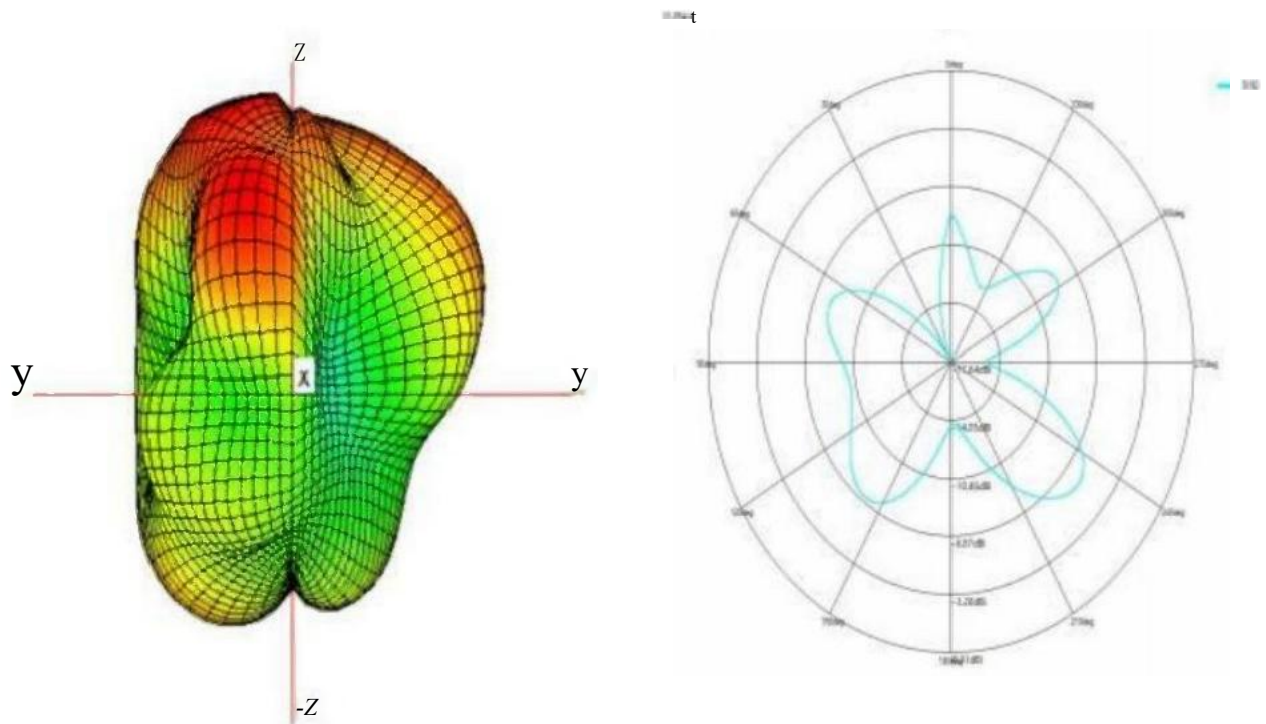


The WIFI antenna at 2500 Mhz

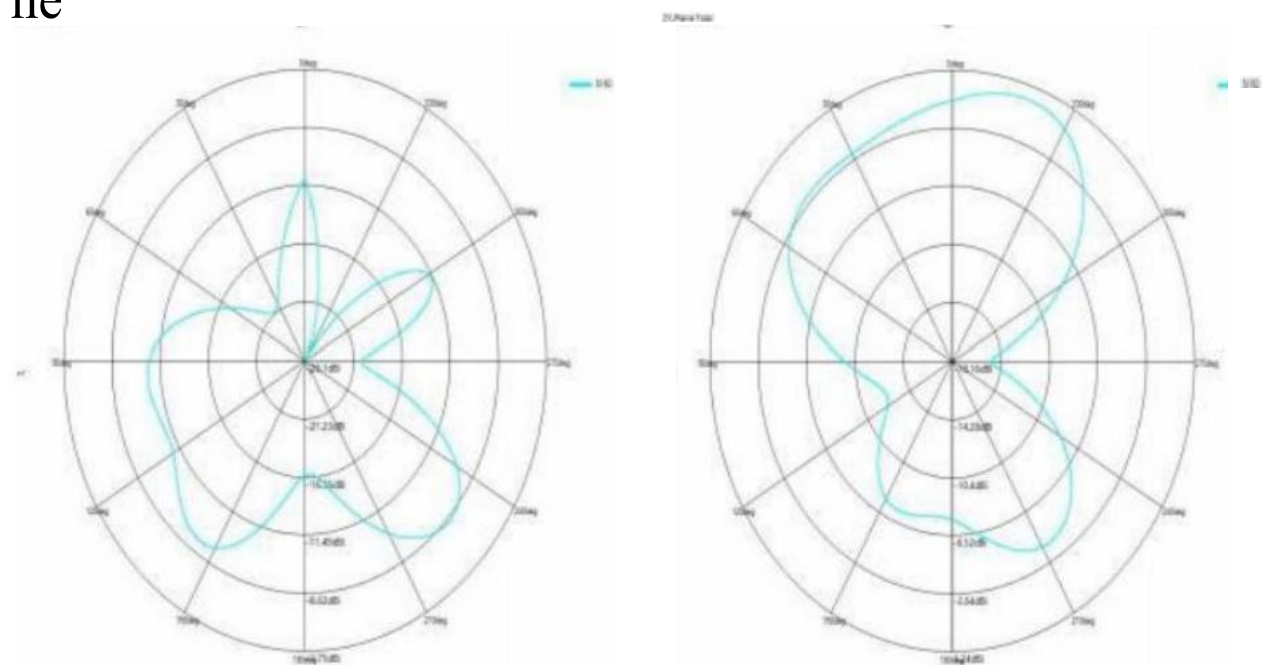


 **Shenzhen Jiexuntong Wireless
Technology Co., LTD**

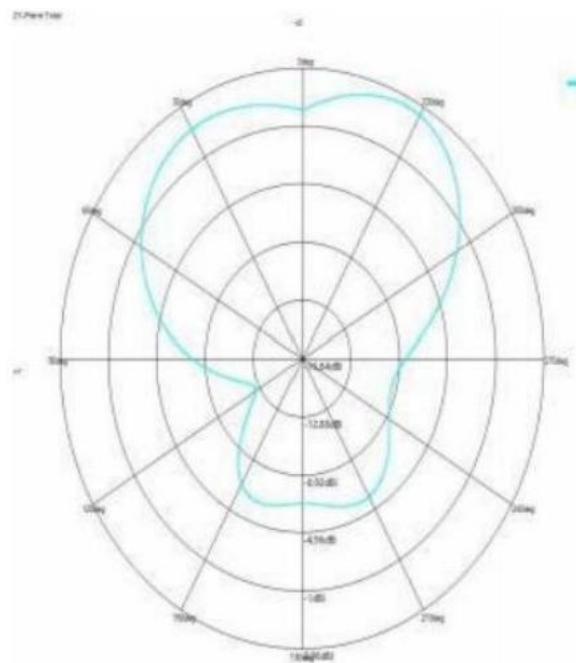
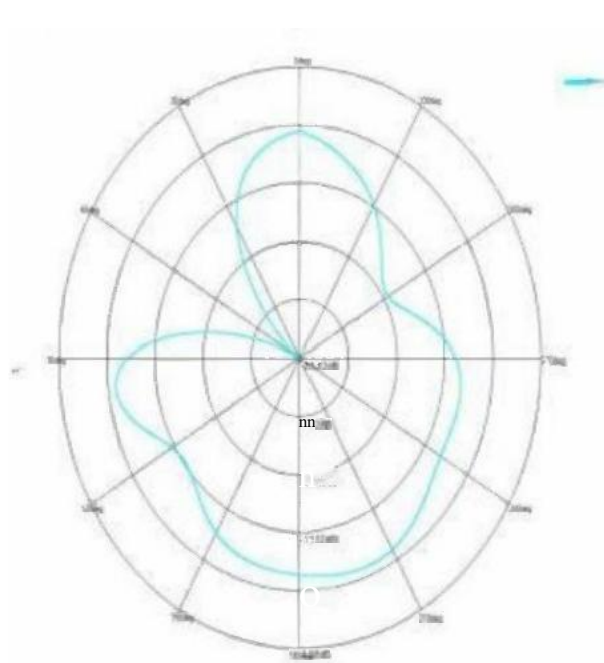
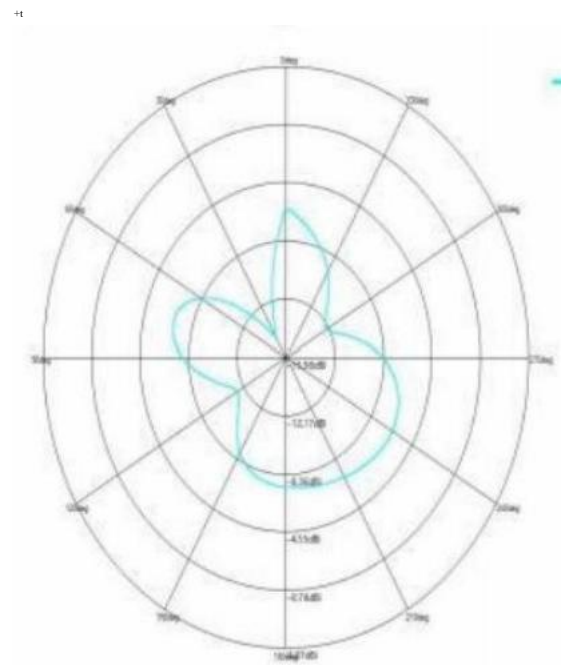
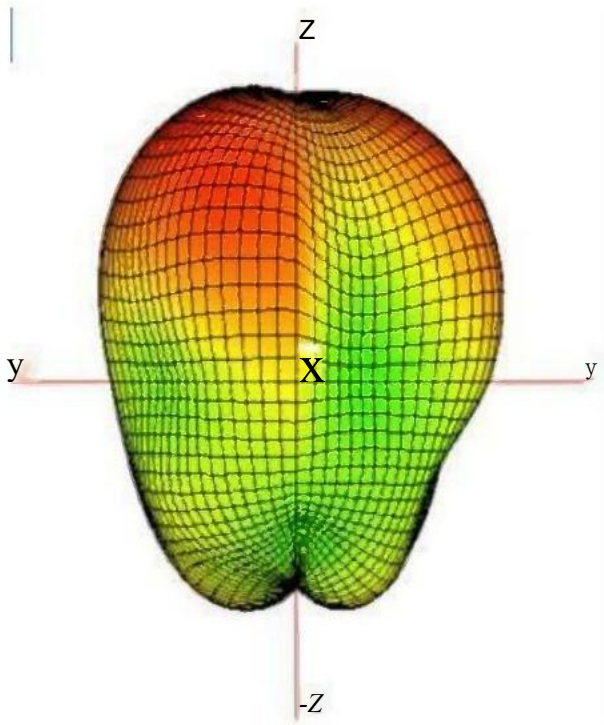
The WIFI antenna at 5150 Mhz



he



The WIFI antenna at 5450 Mhz





Shenzhen Jiexuntong Wireless Technology Co., LTD

The WIFI antenna at 5850 Mhz

