



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

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catalogue

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Community, Hangcheng Street, Bao'an District, Shenzhen City

Contact number: 0755-23731203

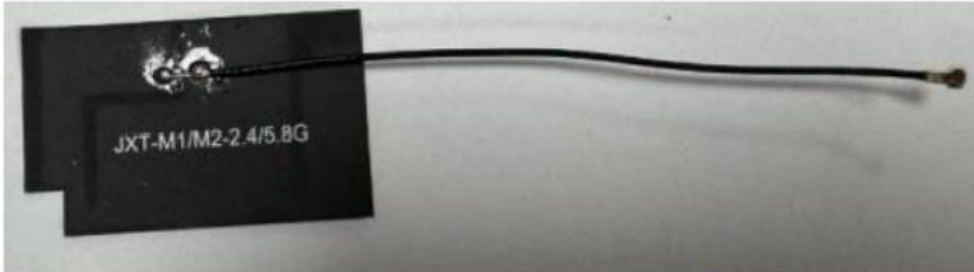
Website: <http://www.jxtant.com>



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, Antenna pictures



two., testing environment

2.1. Environmental treatment



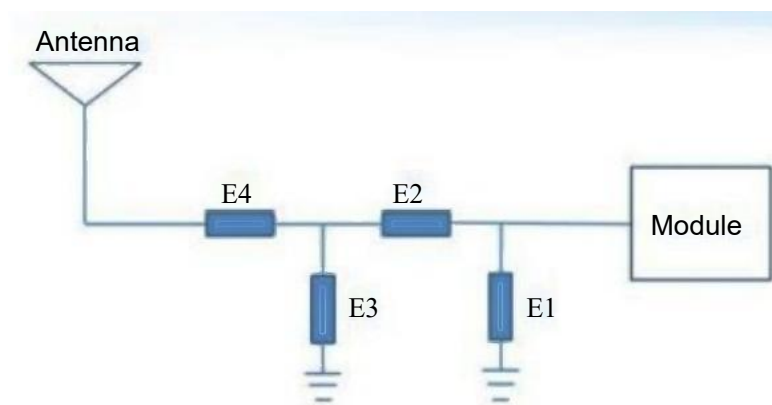


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3. antenna loading coil

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*

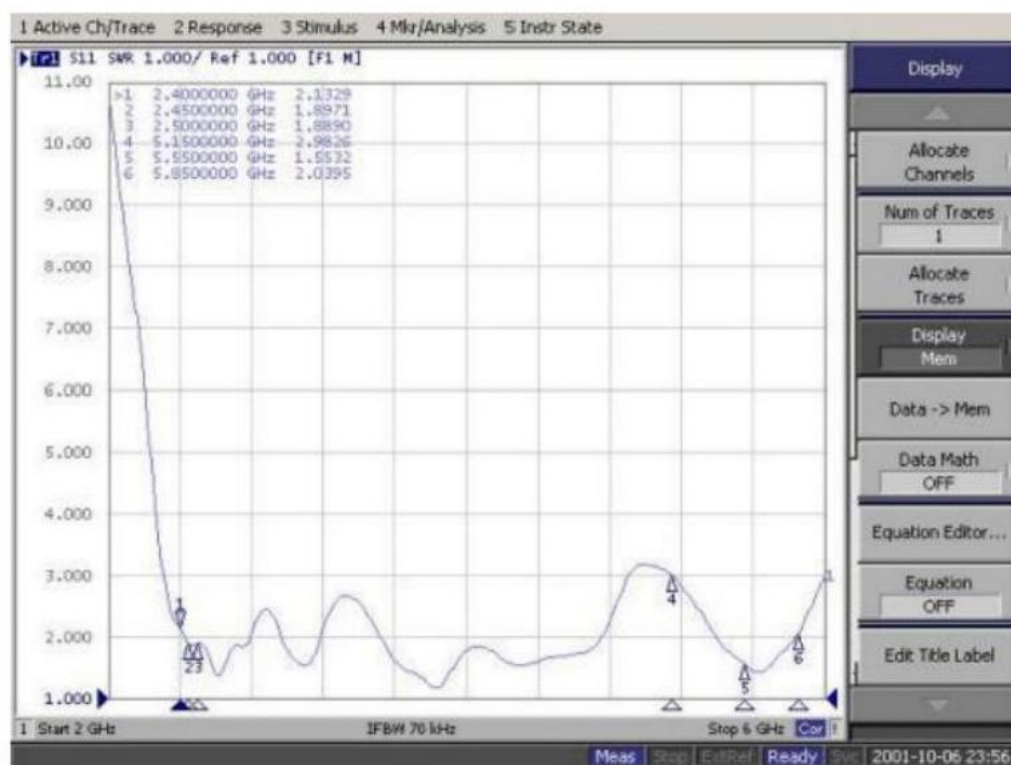
<u>Passive electrical performance index: Passive Electrical Specifications</u>		
Frequency range: Frequency Range (MHz)	2400-2500MHZ	5000-6000MHZ
Input the impedance of Input Impendence (Ω)	50	
Voltage standing ratio VSWR	≤ 5	
Gain Gain (dBi)	The	
Polarized form Polarization Type	<3 dBi line is polar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

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5. Electrical performance report

VSWR

M1



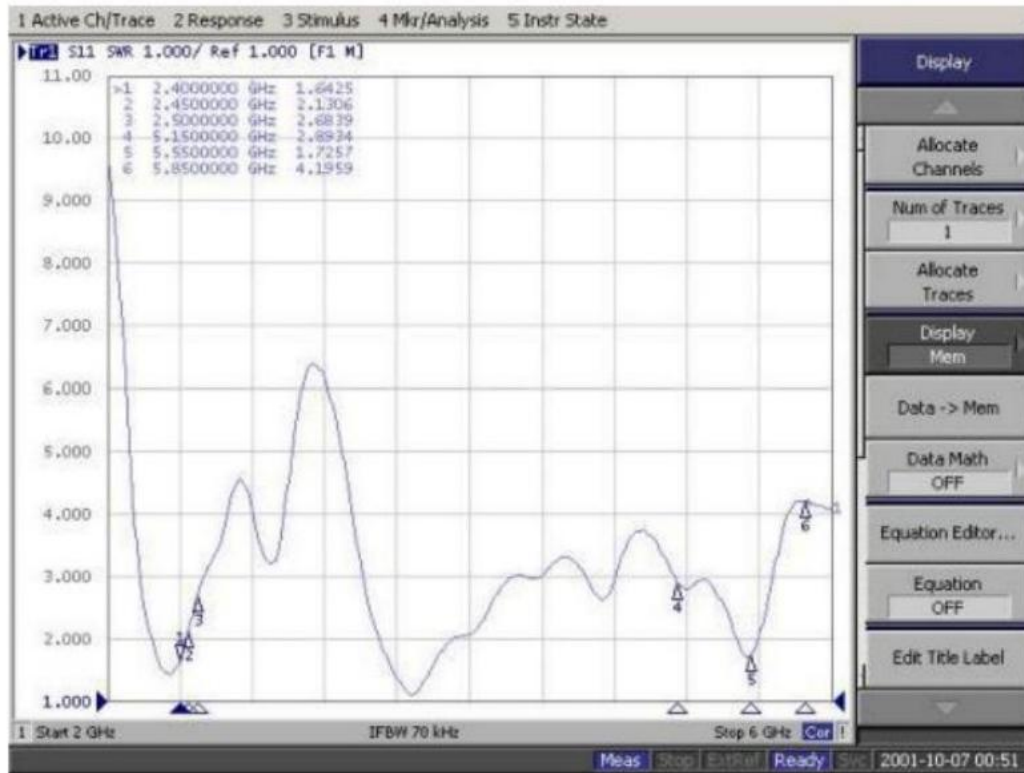
Frequency (MHz)	24002450	2500	5150	5550	5850
VSWR	2.13	1.891.88	2.981.55	2.03	

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M2

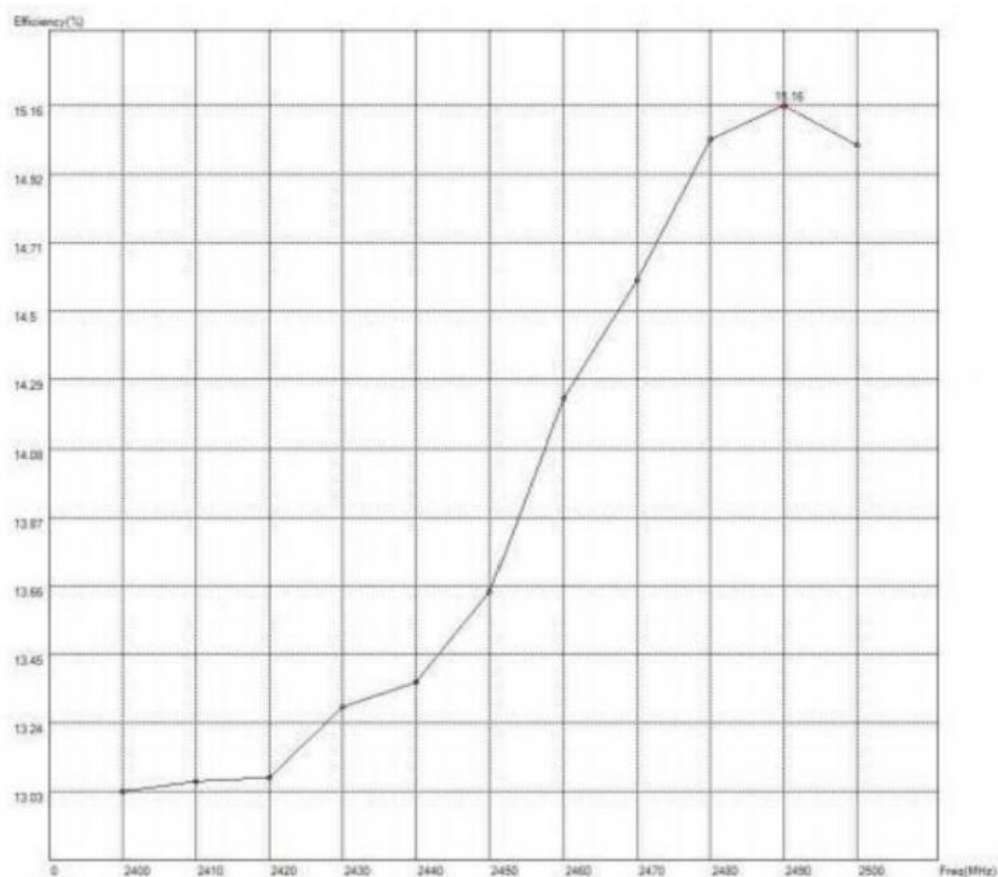


Frequency (MHz)	2400	2450	2500	5150	5550	5850
VSWR	1.64	2.13	2.68	2.89	1.72	4.19

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Benefit of Efficiency

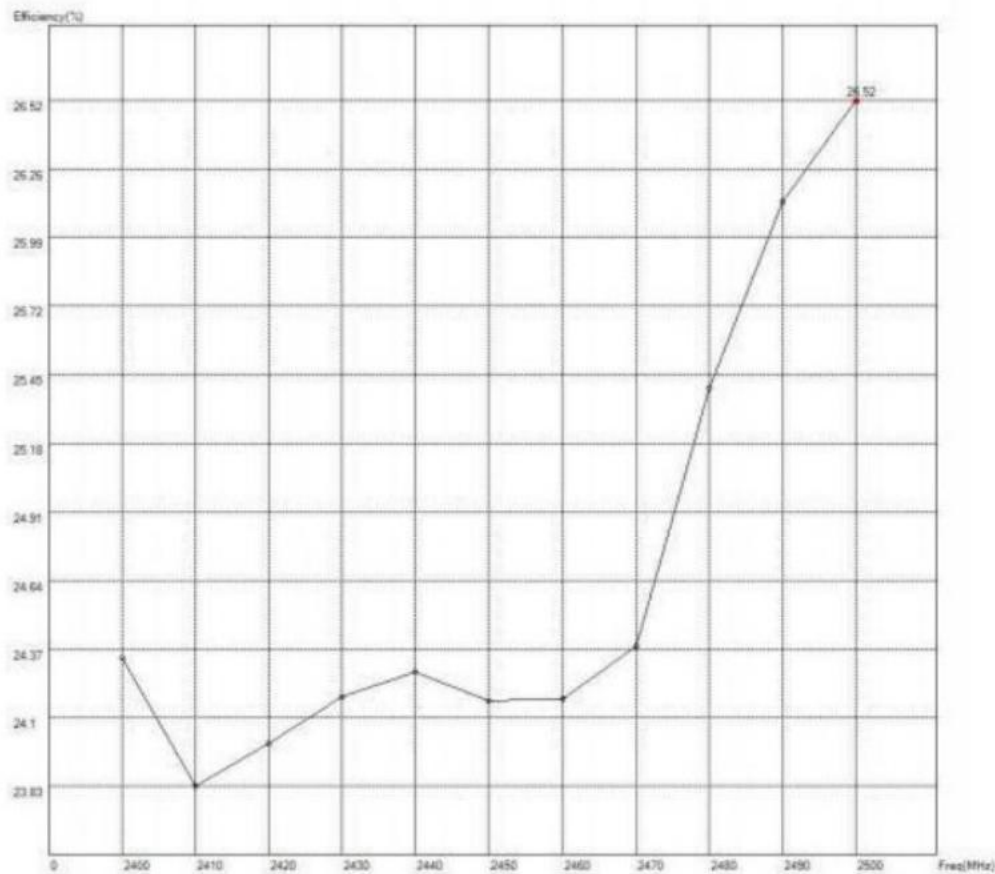
M1



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

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M2

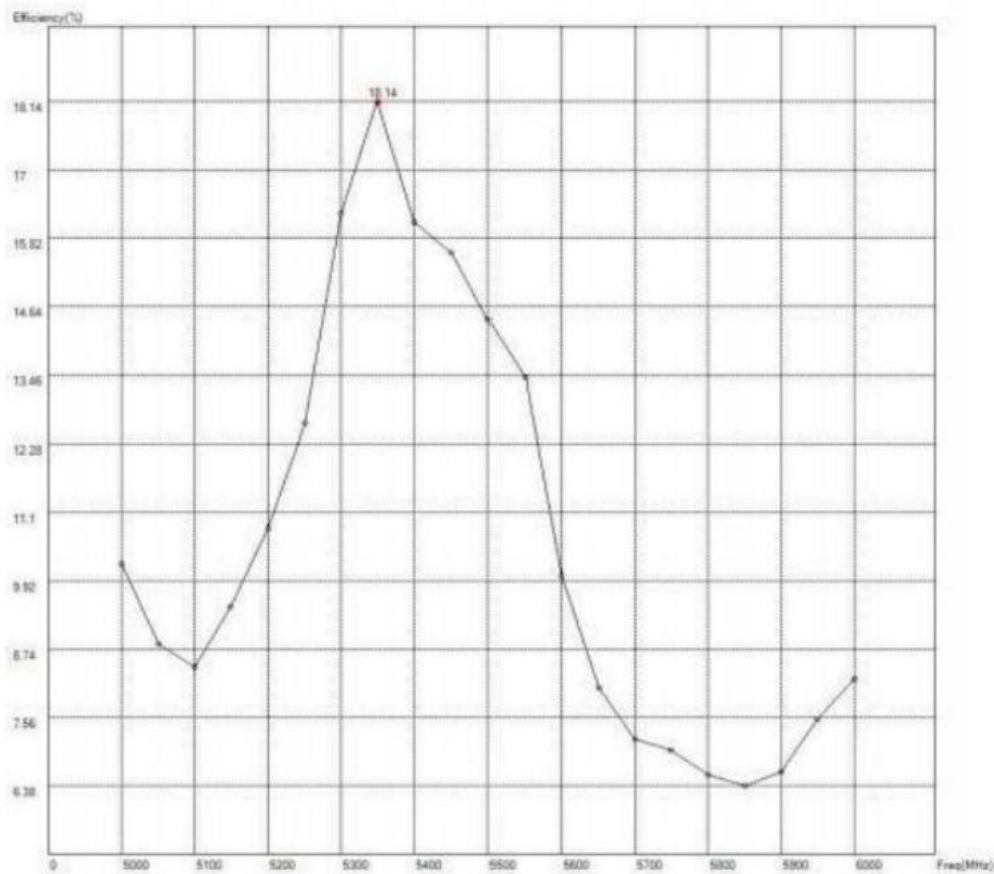


Frequency (MHz)	2400	2450	2500
Efficiency (%)	24.32	24.16	26.52

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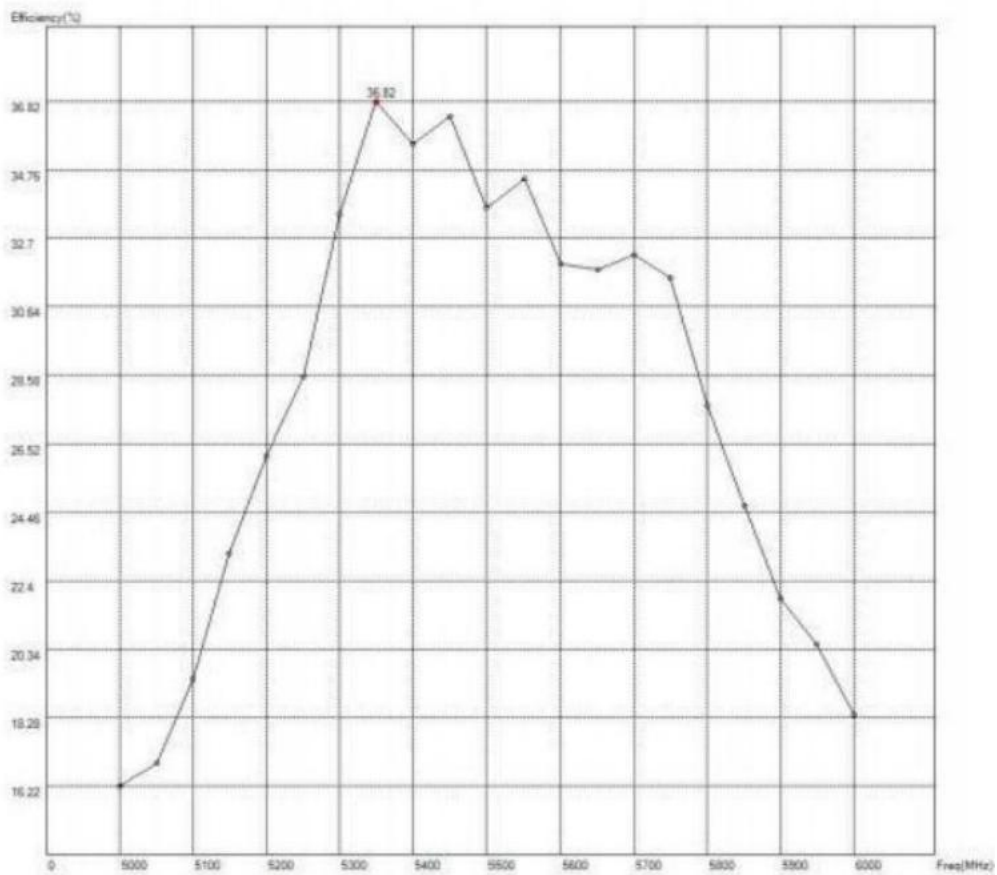
M2



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

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M1

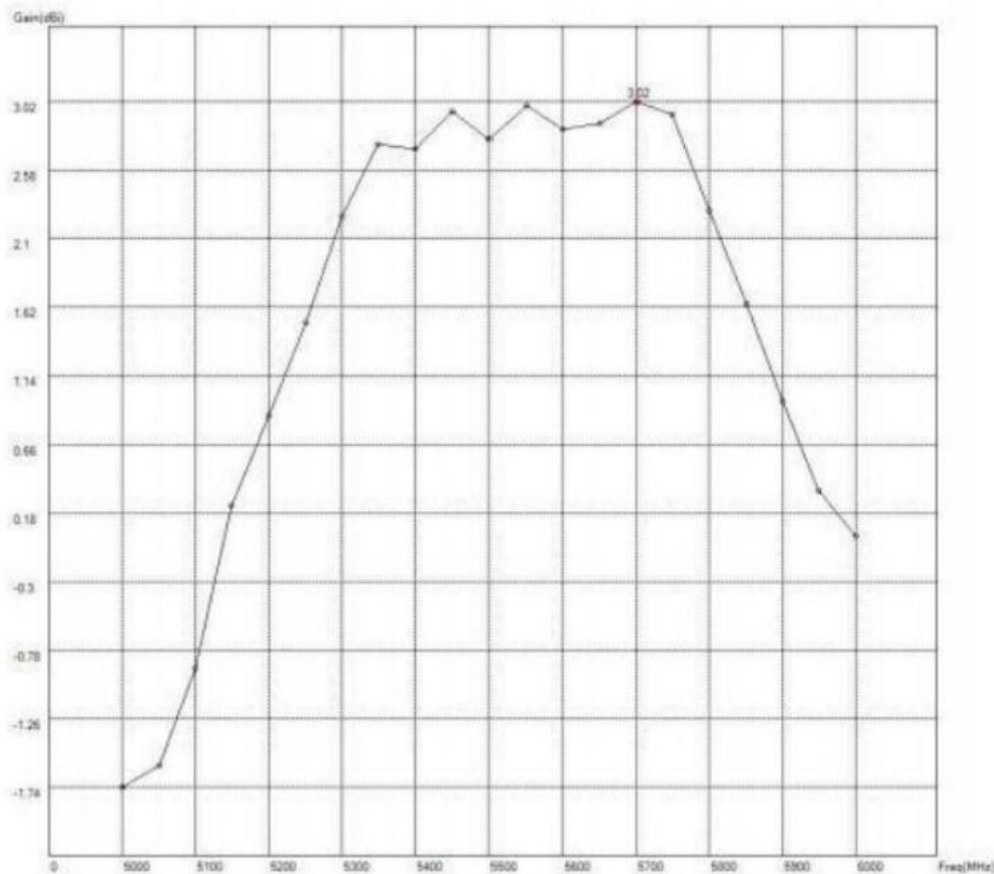


Frequency (MHz)	5150	5450	5850
Efficiency (%)	23.22	36.38	24.67

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gain Gain

M1



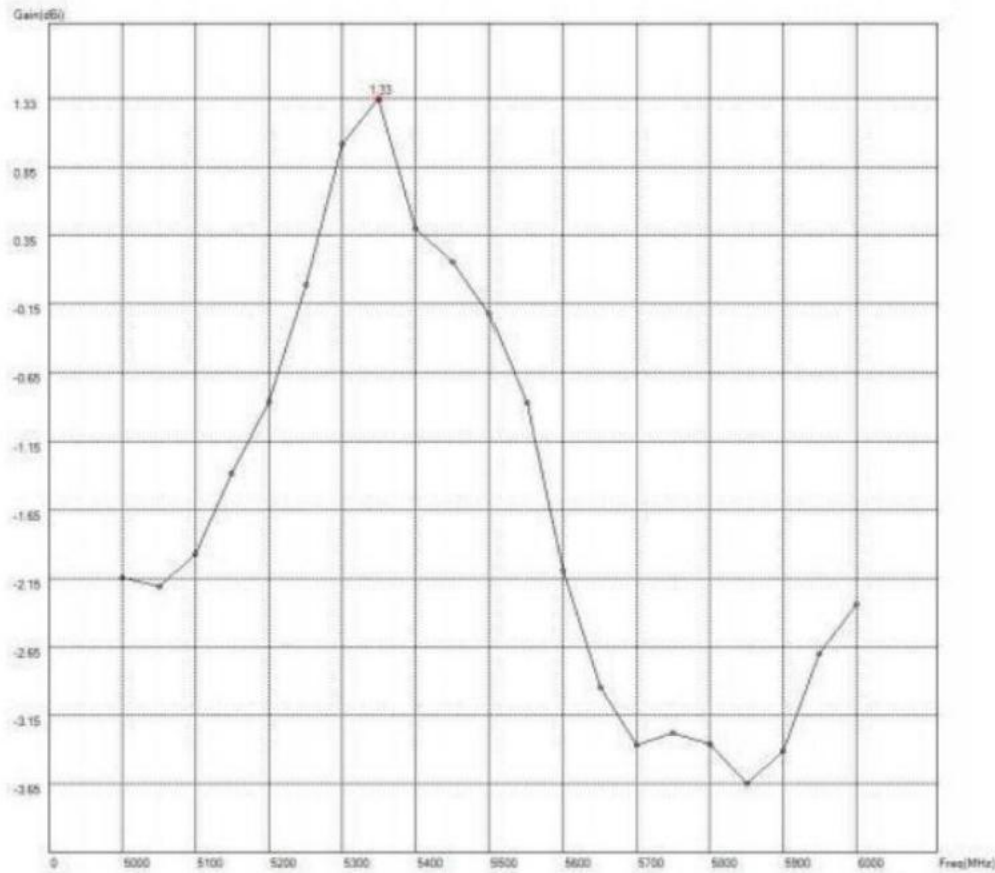
Frequency (MHz)	5150	5450	5850
Gain (dbi)	0. 21	2. 94	1. 60

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M2



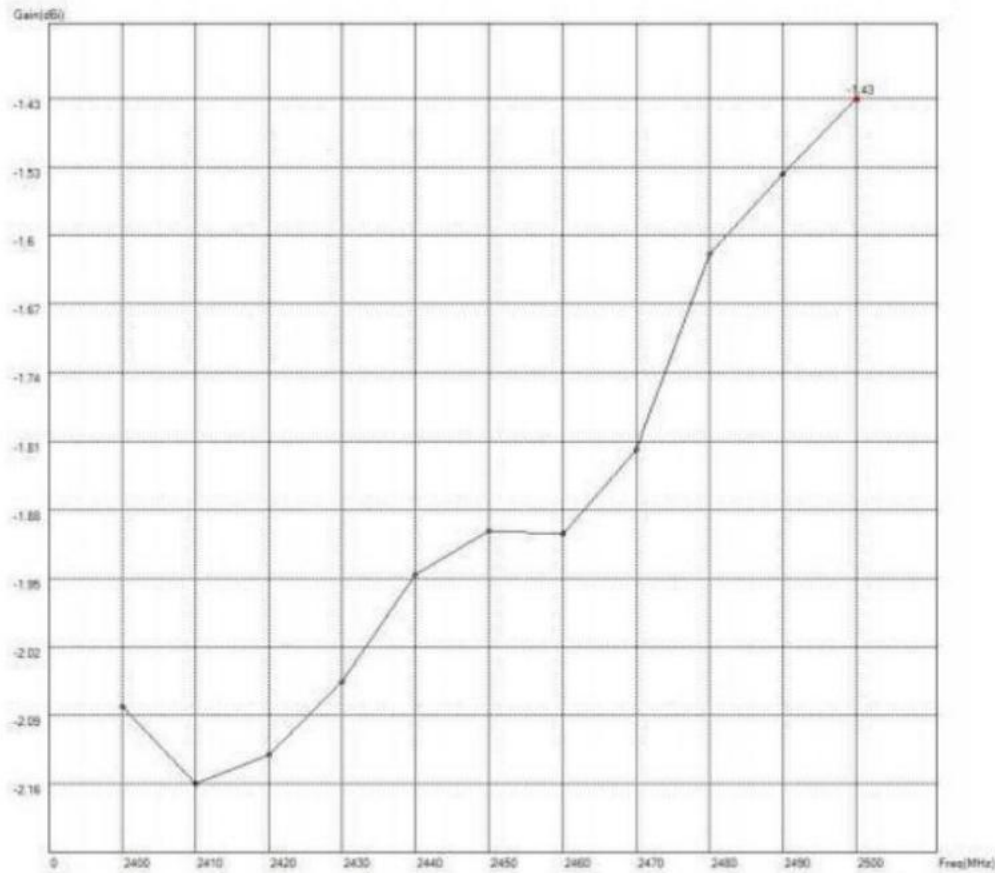
Frequency (MHz)	5150	5450	5850
Gain (dbi)	-1.39	0.13	-3.64

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M2



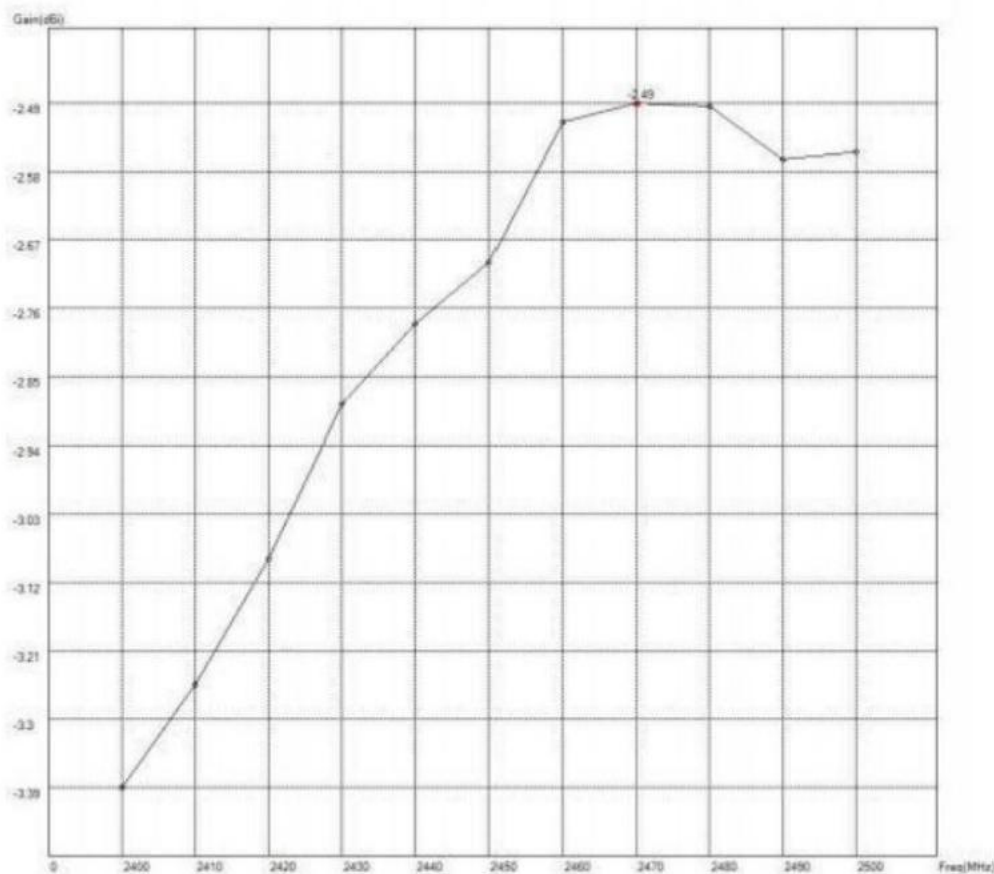
Frequency (MHz)	2400	2450	2500
Gain (dbi)	-2.07	-1.89	-1.42

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M1



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

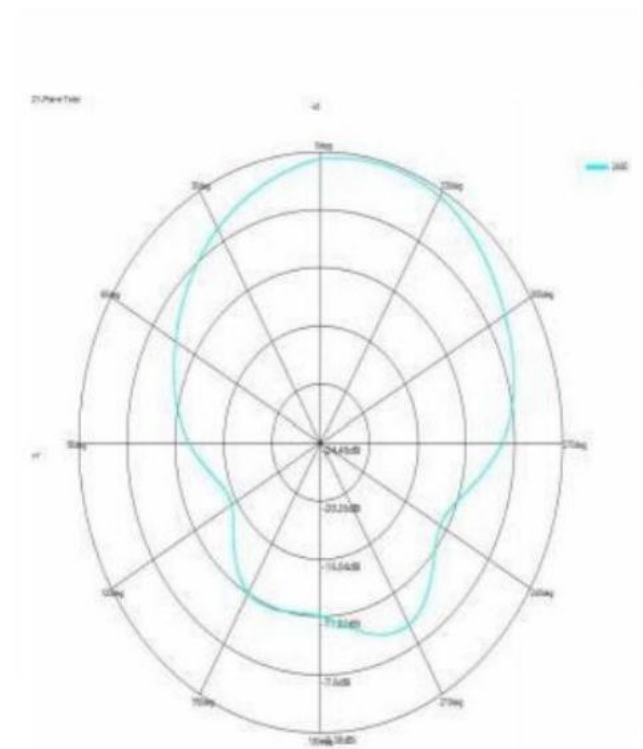
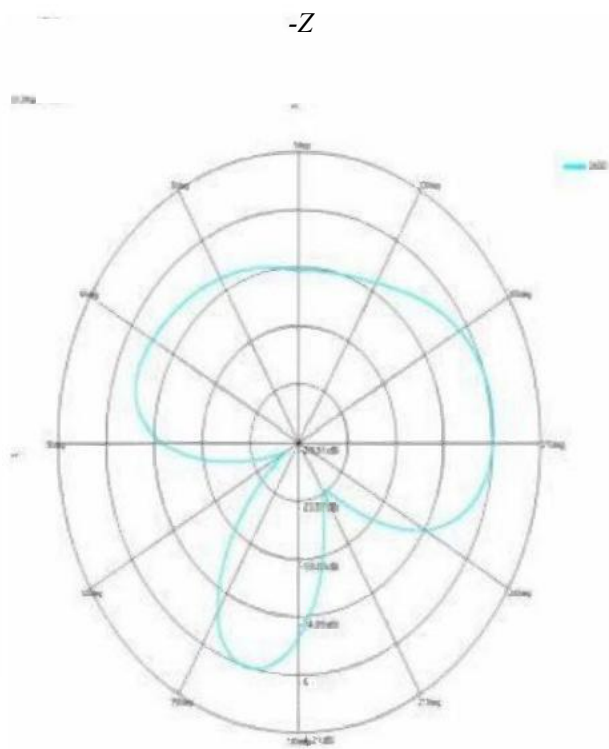
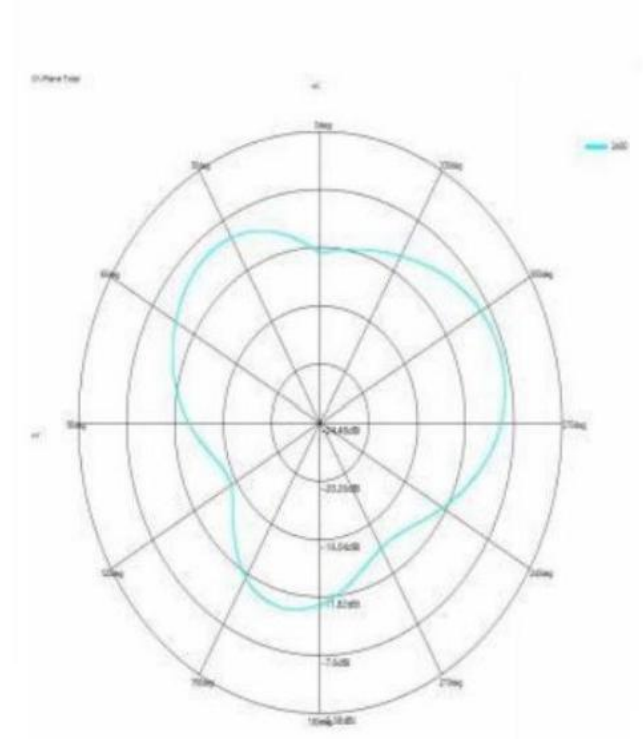
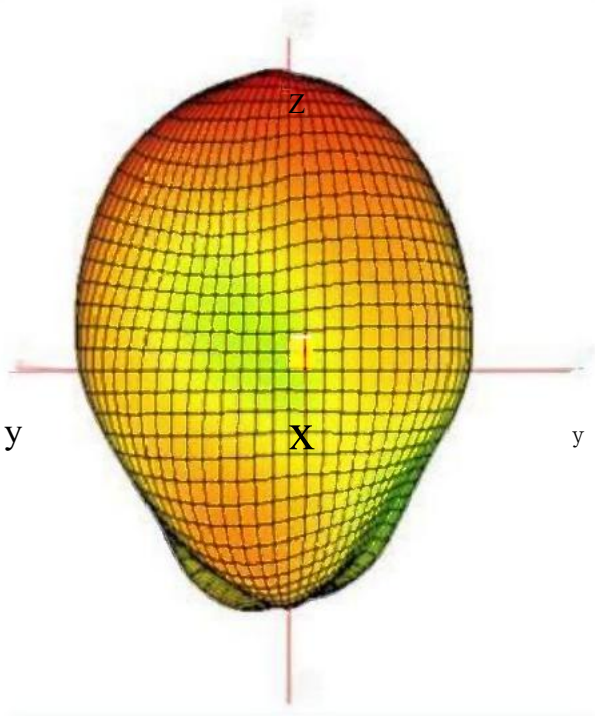
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directional diagram

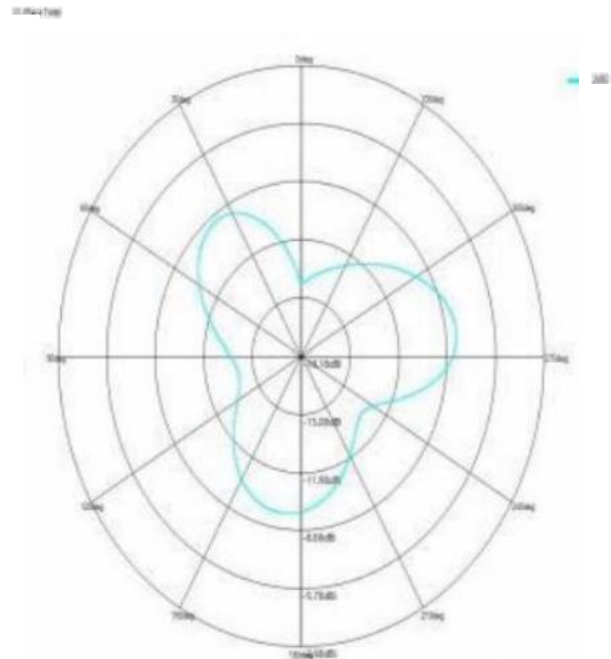
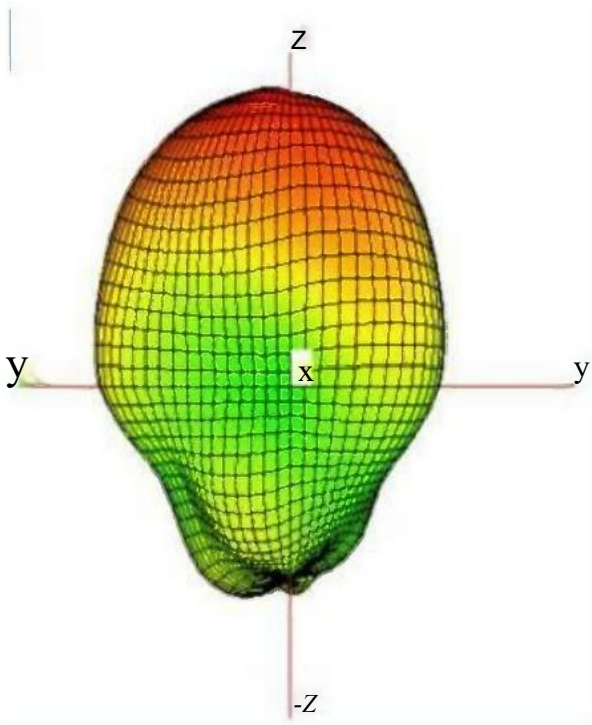
The WiFi antenna is at 2400 Mhz



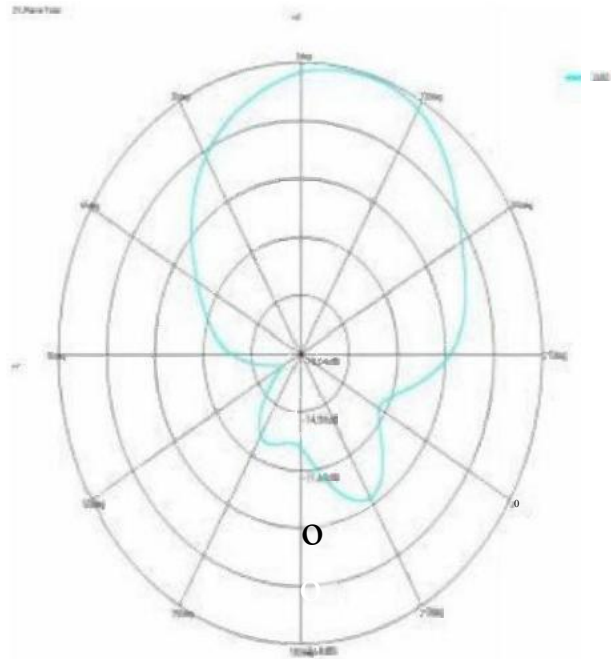
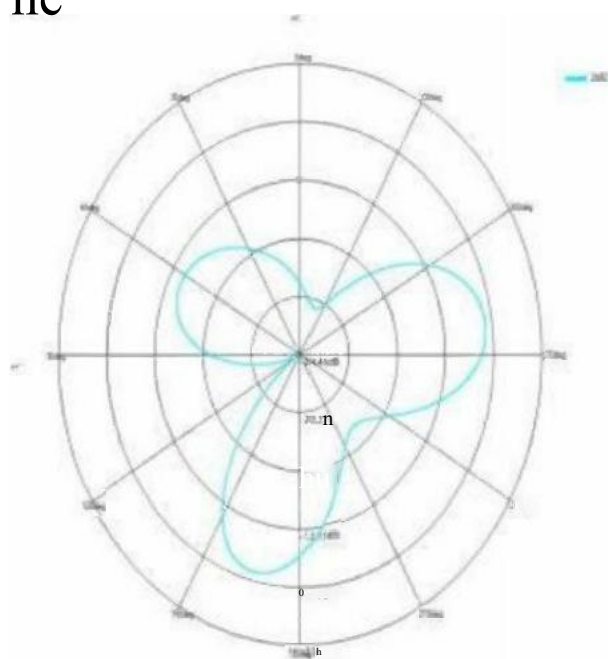
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The WIFI antenna at 2450 Mhz

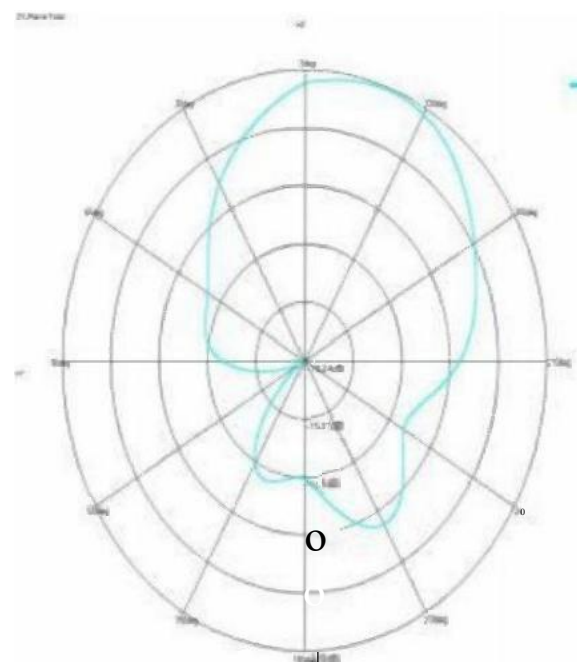
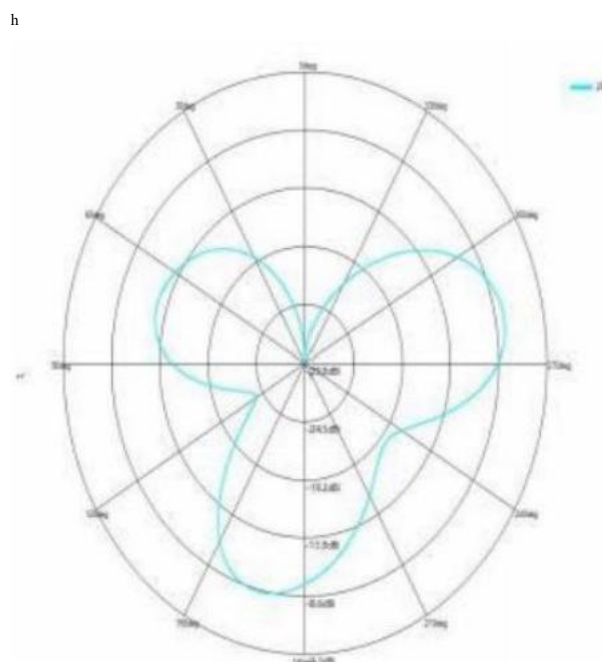
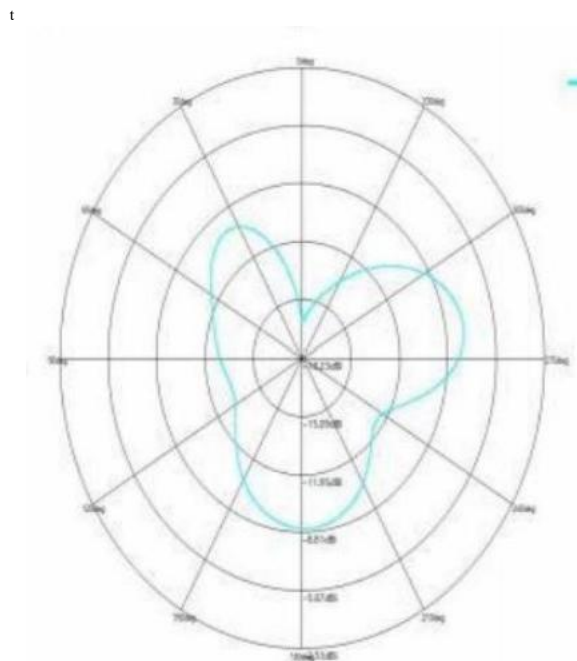
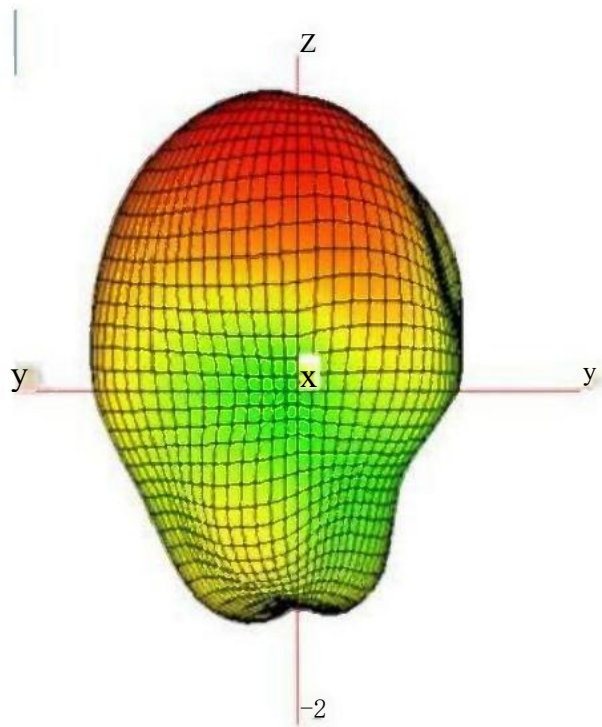


he



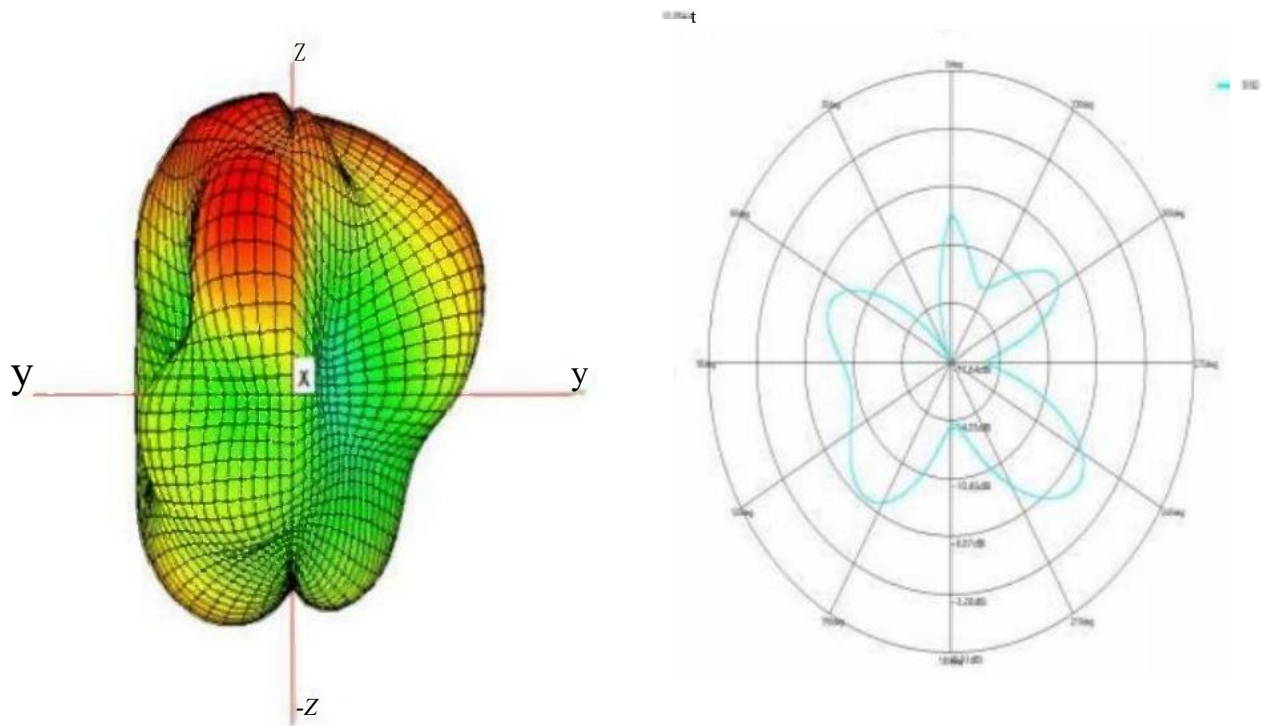
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The WIFI antenna at 2500 Mhz

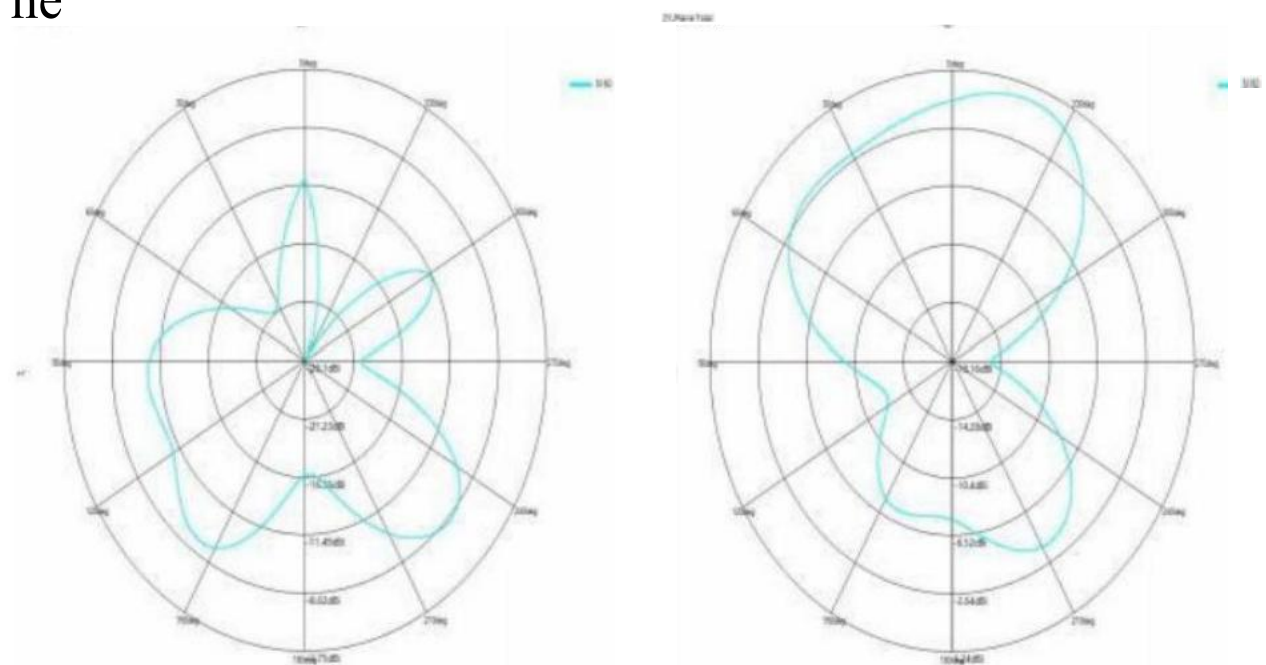


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The WIFI antenna at 5150 Mhz

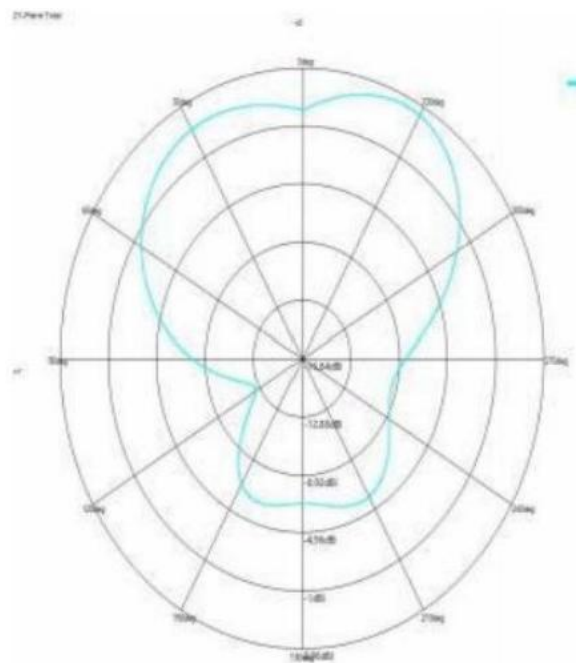
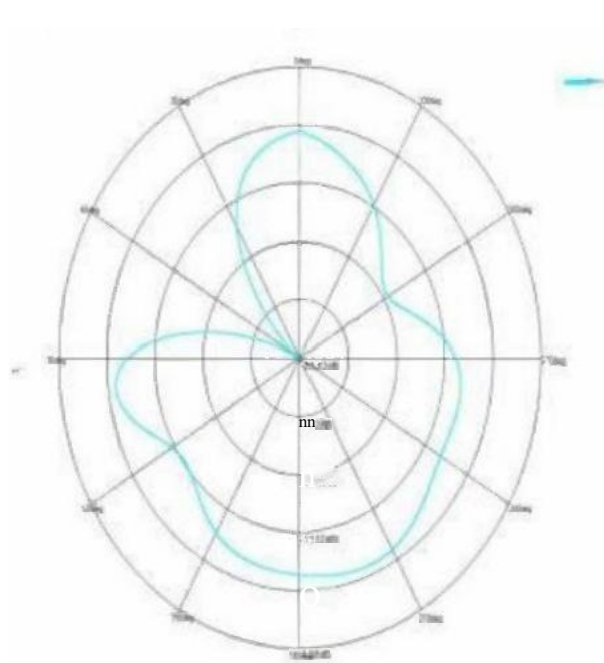
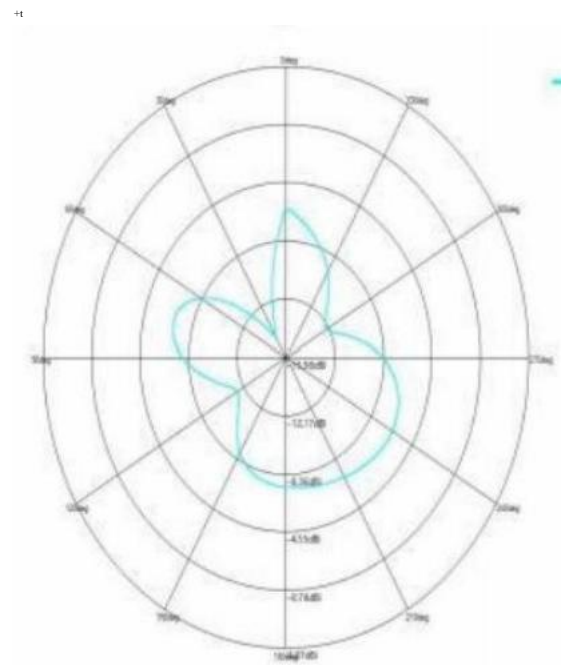
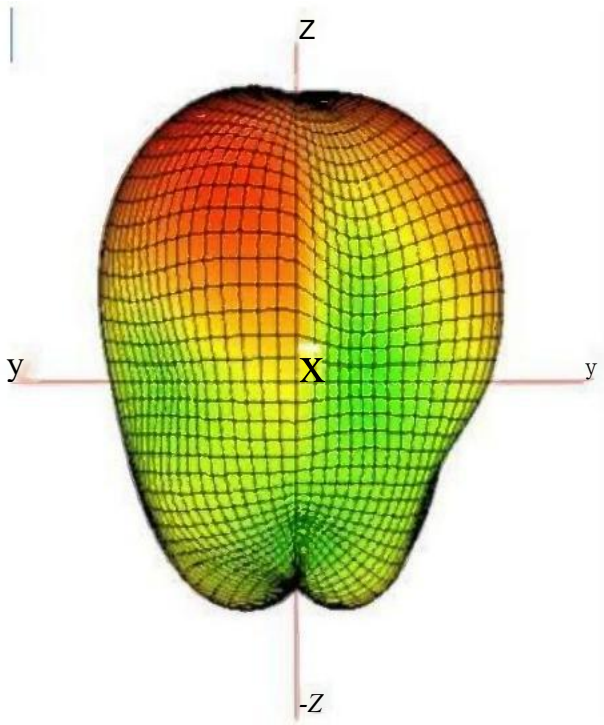


he



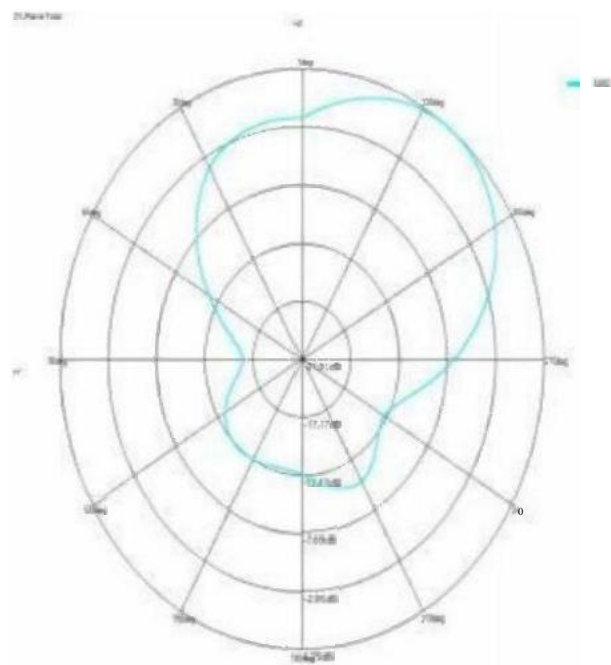
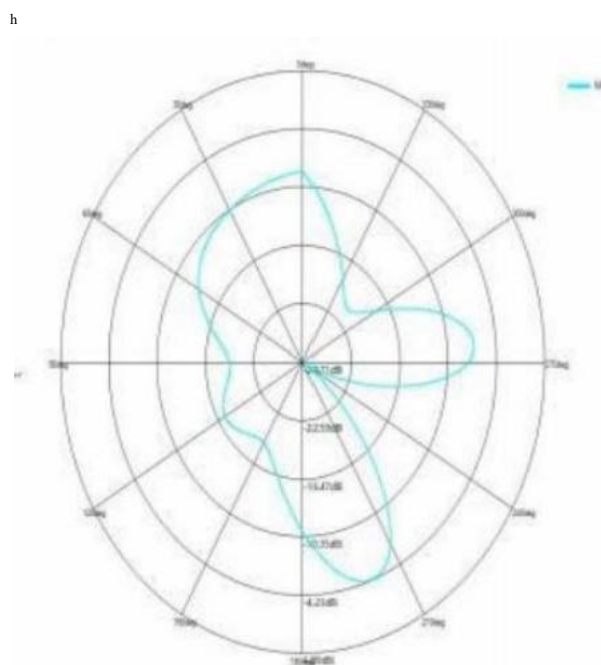
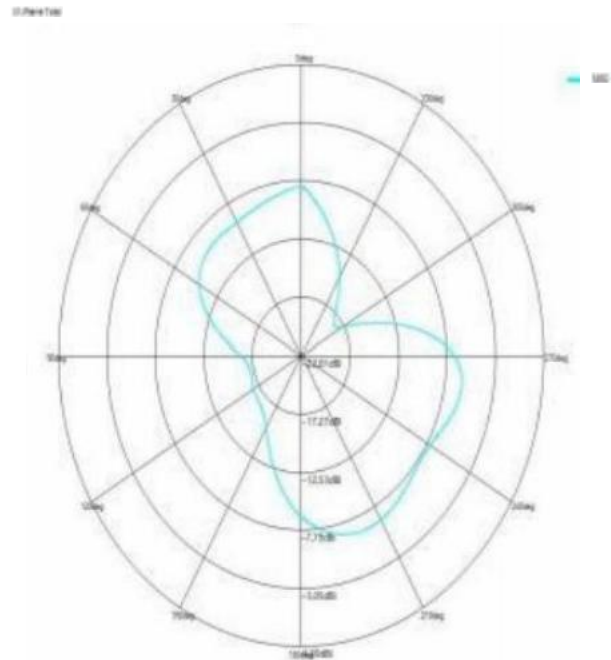
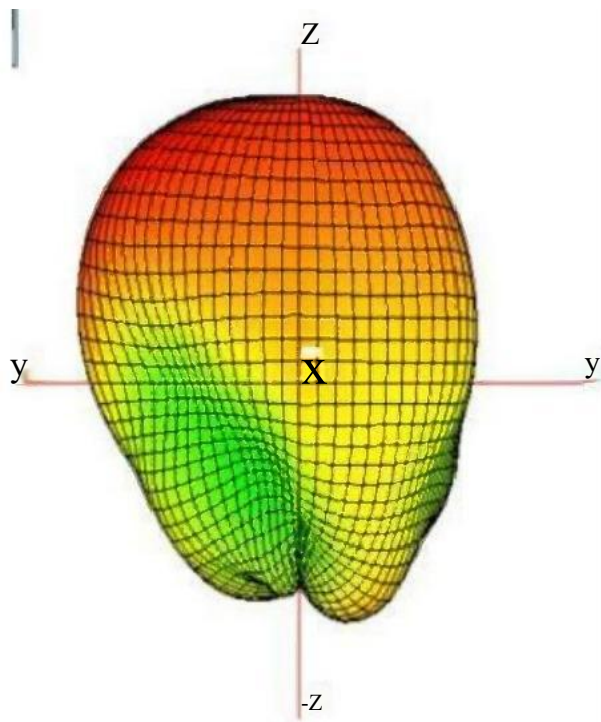
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The WIFI antenna at 5450 Mhz



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The WIFI antenna at 5850 Mhz



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	2	3	4	5	6	7	8	
A						0, and L Creek	0	stem or root of plant s
B	Finished products with a network for testing							
	Welding				Fourth- generation I P E X port is facing up			
	*34.3±		*80±1mm		*22 ±0 .5		*22±0.5	
			*20 .7 ±(					
	φ 0.81 Black coaxial line							
	T= B .5mm black single-sided foam gum							
	④							
C	technic al require ment PC Technique 1.8 * is the key control size, including 0.2. Gong 2 Border line is 0.1sm 2.3 3. N 9471, thickness of 0.05m							
	4. One and a half pairs of substrate P electrolytic steel, with a thickness of 0.05a 5. Lucione area rust error, thickness of 3-tus. Electric hungry area, please protect the piece to clear the work, no sharp stains, finger printing, etc.: 6. No tolerance school general tolerance table collinear 1. Part * means the point control dimension: 2. Total length tolerance of wire head is ± 0, n. Head head (no plant), meet s standard: assemble 1. The bracelet well used should meet the Ms standard: 2.							
D	Plate surface reference sample							
	figure number		product code		Product name / specification			
	Shenzhen Jiexuntong Wireless Technology Co., LTD							

Control the temperature of
collateral iron at $400 \pm 50^{\circ}\text{C}$;
3. After welding, the height of the tin
4. Welding effect is accepted based on [

1

2