



Shenzhen Jiexuntong Wireless Technology Co., Ltd

Antenna Acknowledgment

Customer name: Maocheng

Item model: C8Q

Antenna specification: 2.4G FPC antenna

Date of issue: 2024-4-16

Manufacturer approval column:

Fabricated	Rf	structure	approve	date

Customer Acknowledgment Column:

Confirm	Audit	approve	date

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Approval letter change history

version	date	Description of the change	remark
R/A	2024-4-16	first edition	

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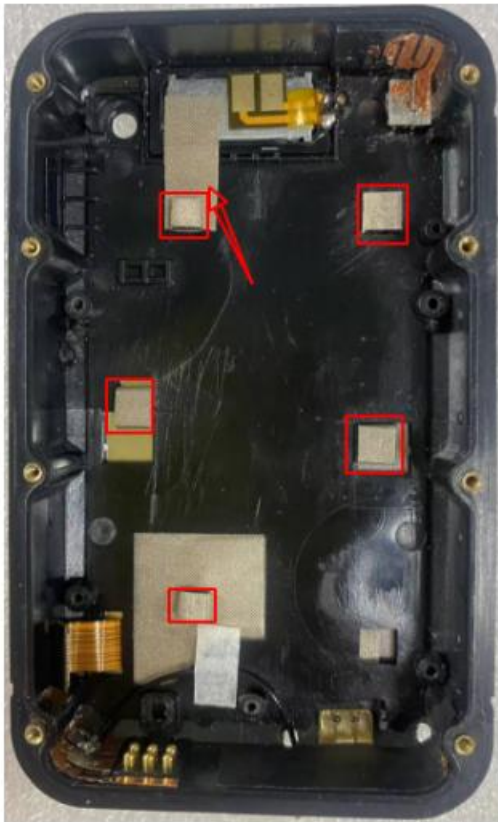
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1、Antenna picture



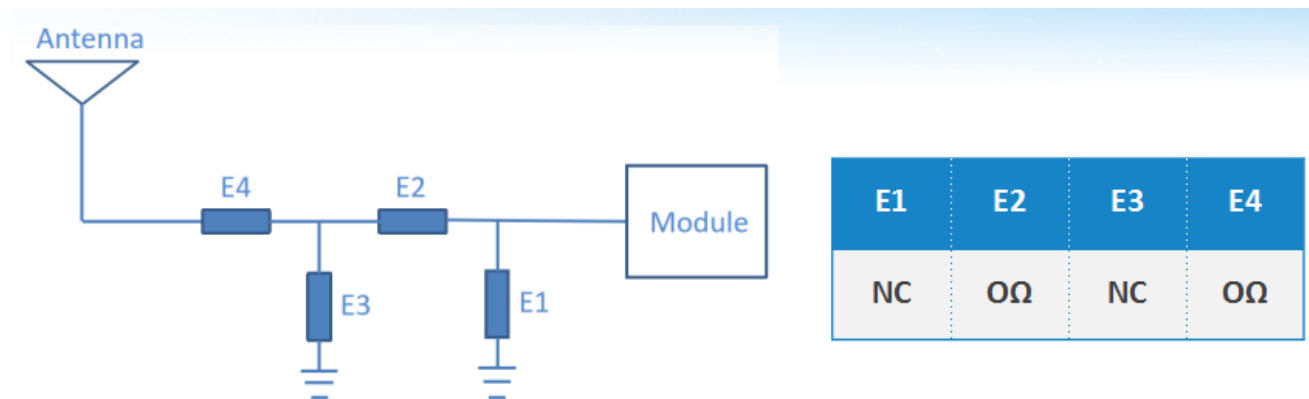
2、Antenna environment



Position the paste as shown in the frame
Conductive foam allows the motherboard to
work with
The screen and the speaker are grounded
Reason; Screen cable guide
The electric cloth is all wrapped up for
charging
Tap ground treatment



三、Antenna matching



Our company has not changed the original antenna front-end

四、Product Specifications

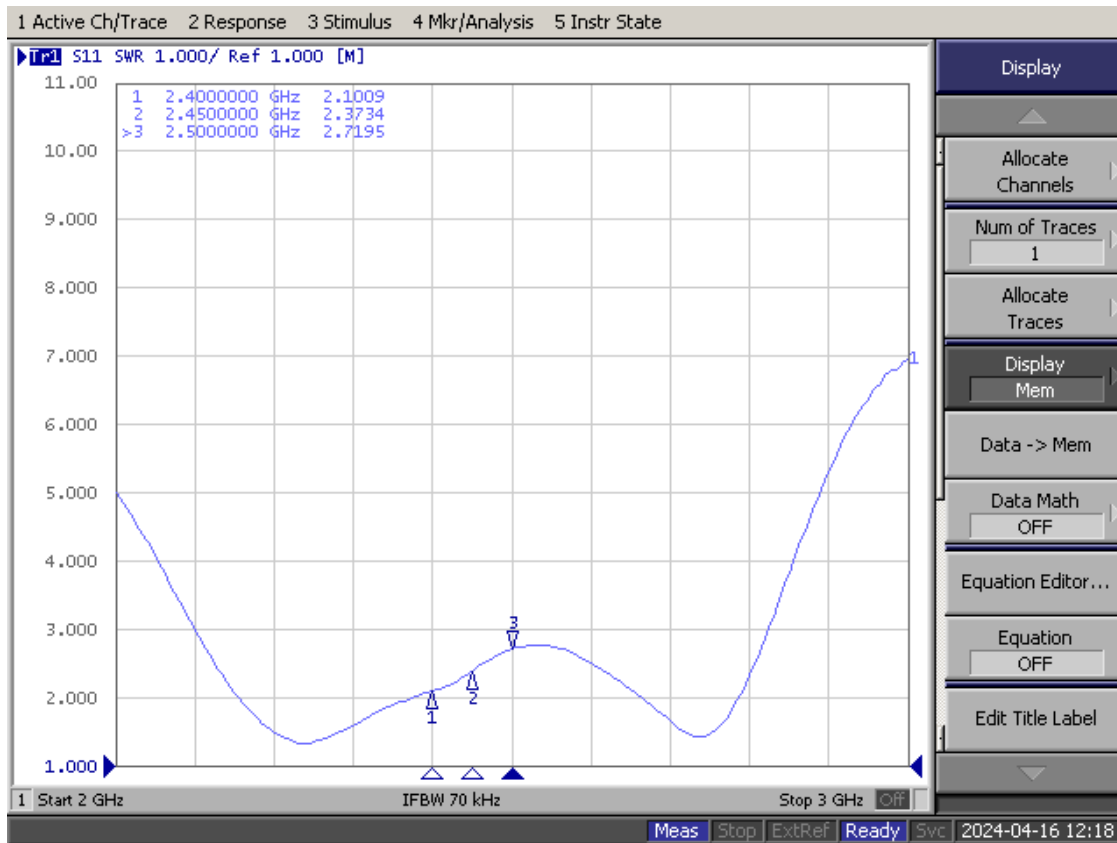
Passive Electrical Specifications	
Frequency Range (MHz)	2400-2500MHZ
Input Impendence (Ω)	50
VSWR	≤3
Gain (dBi)	≤2dBi
Polarization Type	Linear polarization

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5、Electrical performance reports

- VSWR

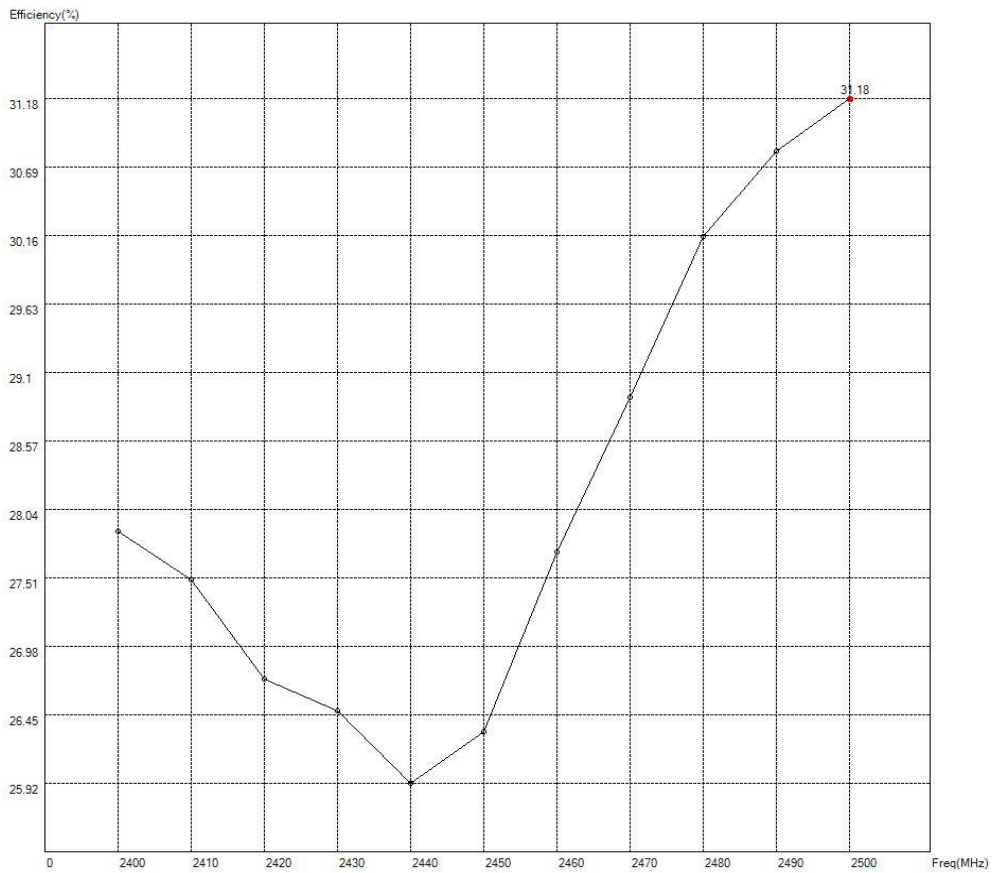


Frequency (MHz)	2400	2450	2500
VSWR	2.10	2.37	2.71

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● Efficiency

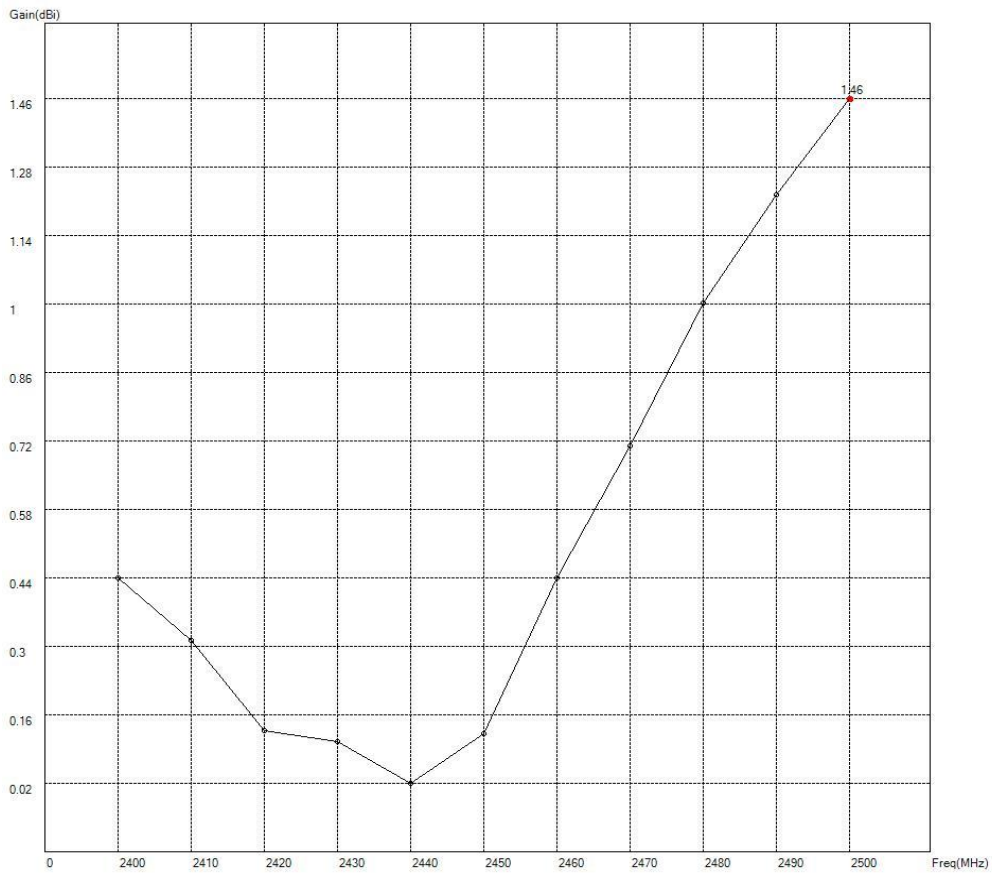


Frequency (MHz)	2400	2450	2500
Efficiency (%)	27.85	26.31	31.18

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● Gain



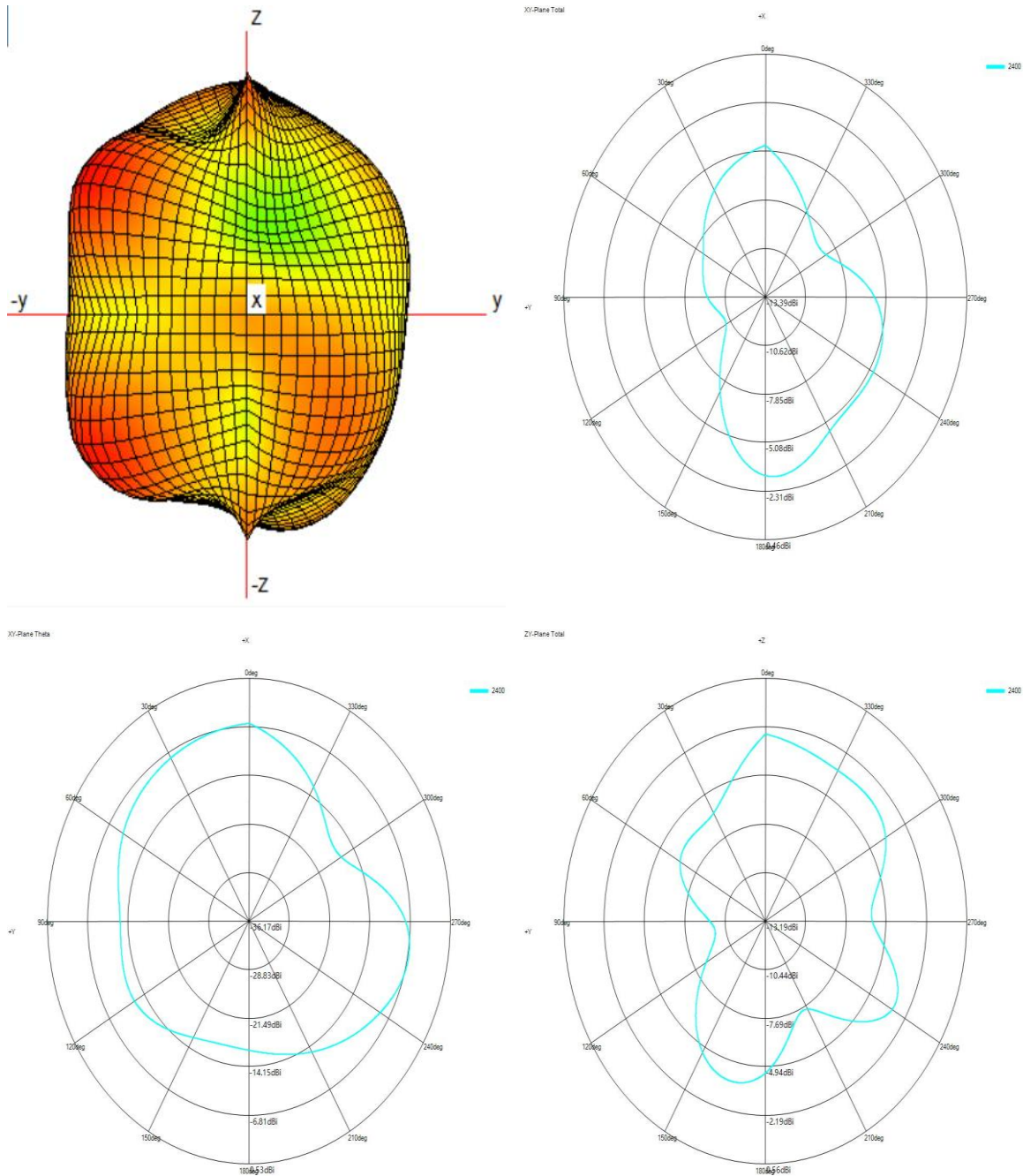
Frequency (MHz)	2400	2450	2500
Gain (dbi)	0.45	0.12	1.45

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2D/3D Direction map

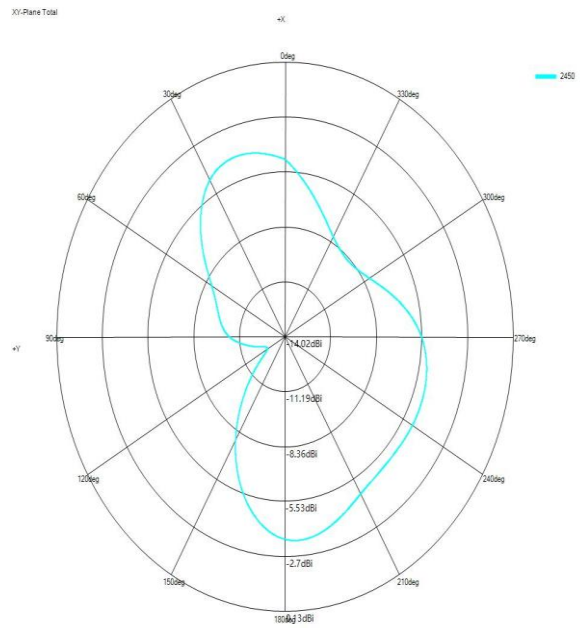
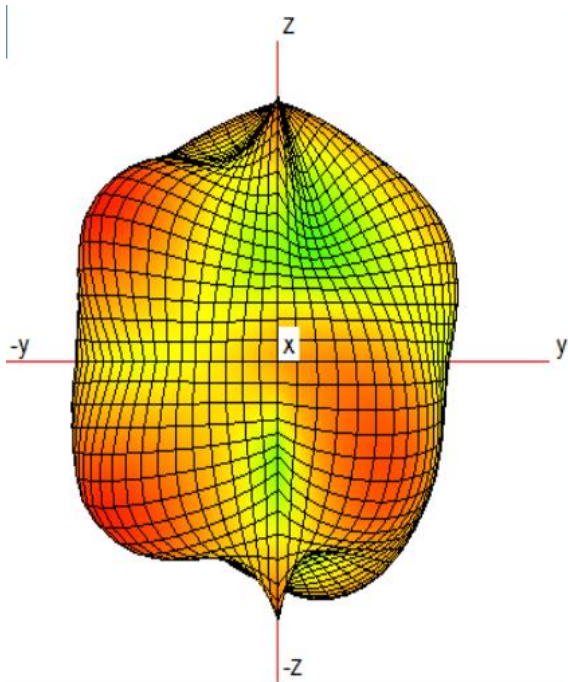
WIFI Antenna 2400Mhz



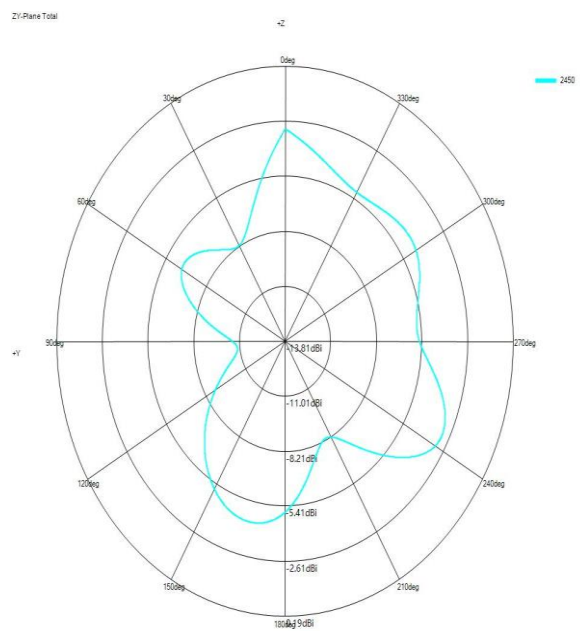
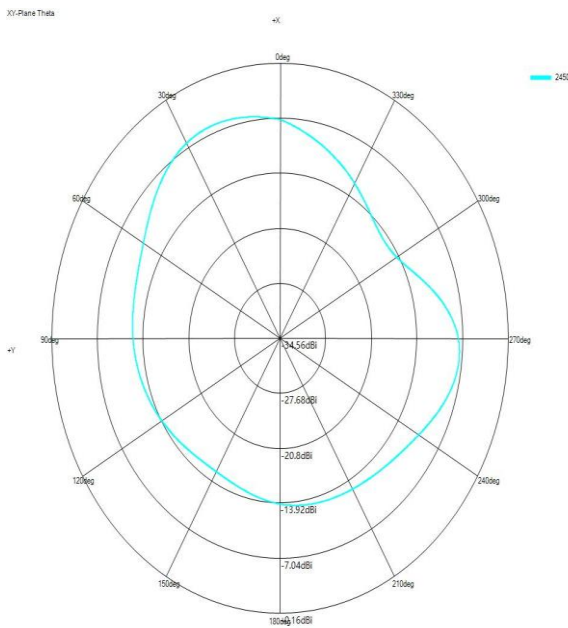
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WIFI Antenna 2450Mhz



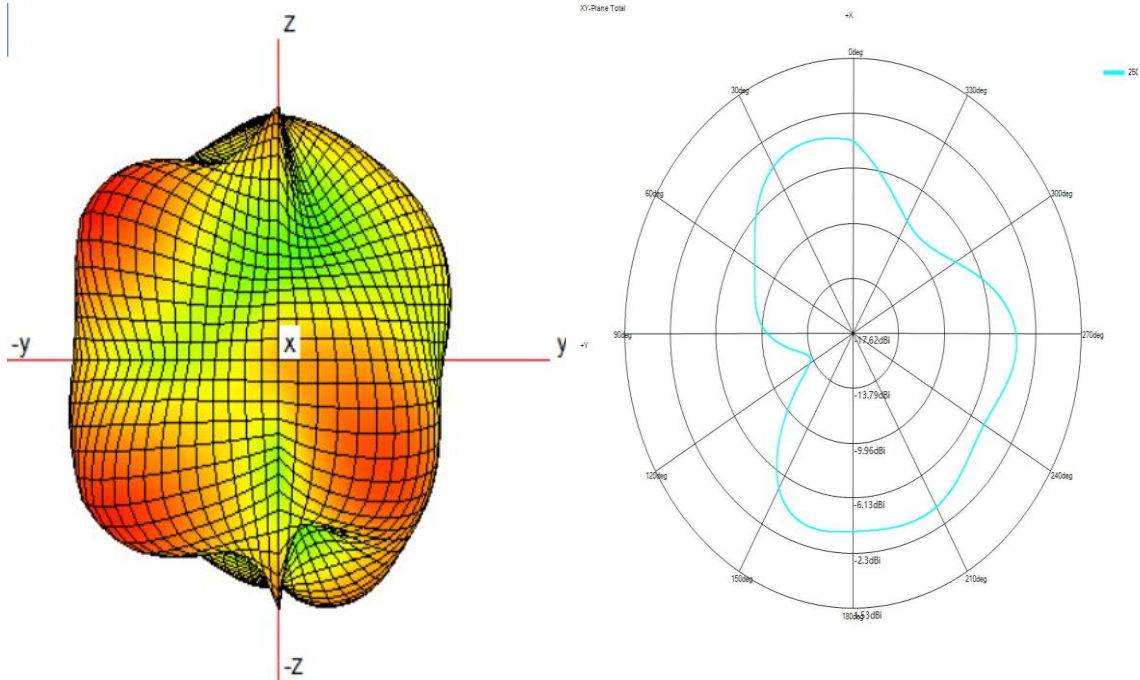
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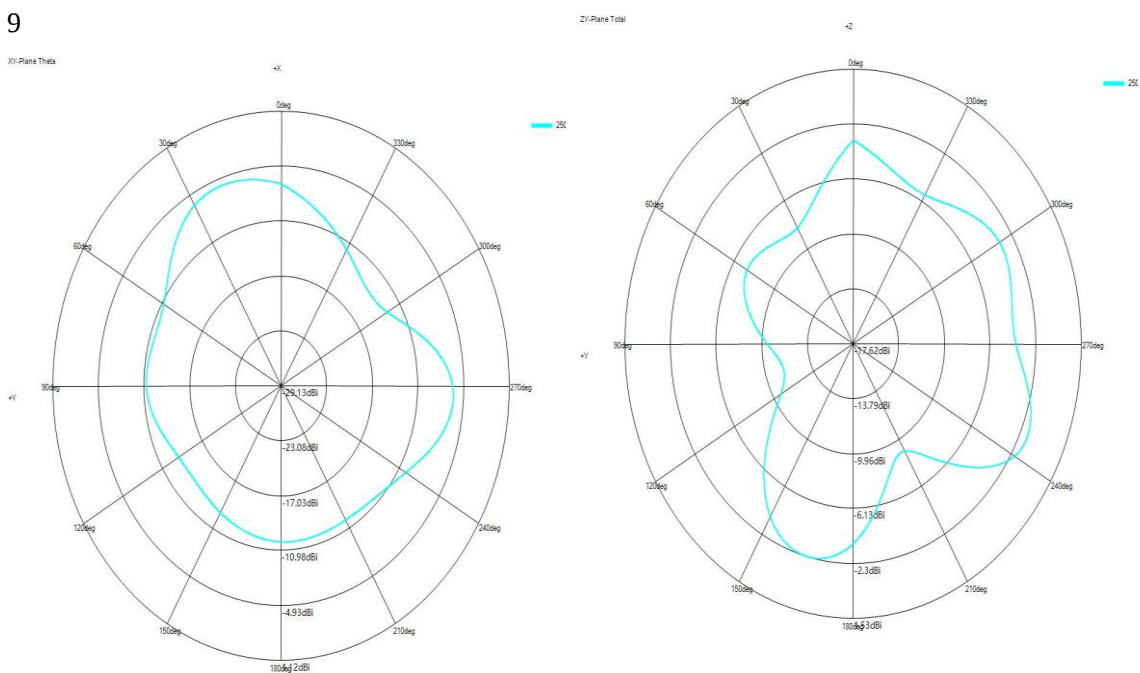
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WIFI Antenna 2500Mhz



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6、 Drawings

