

Antenna Specification

Customer Name: _____

Project Model: Ulanzi_I008_FPC2.4G_V2.0

Antenna Type: WIFI FPC Antenna

Issue Date: 2026-4-2

Manufacturer Approval Section:

Prepared	RF	Structure	Approved	Date

Customer Approval Section:

Checked	Reviewed	Approved	Date

Approval Sheet Revision History

[illegible]

一、Antenna Picture



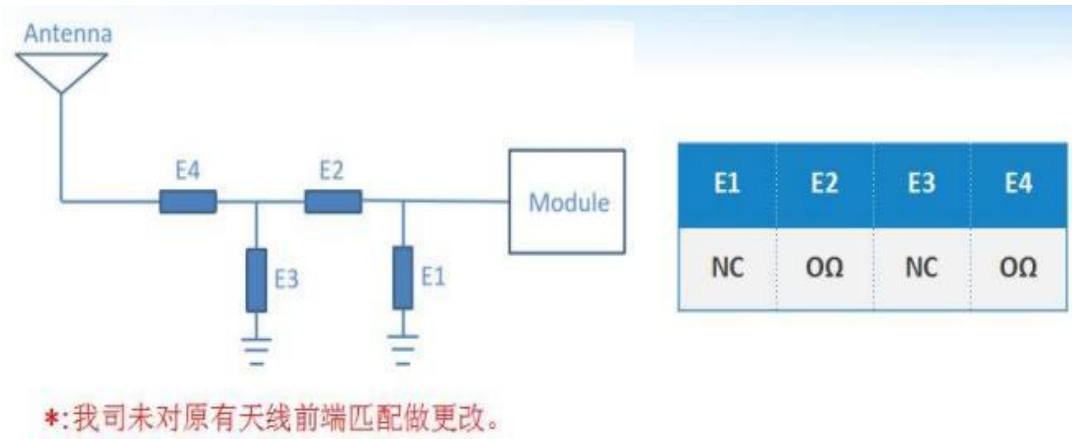
二、Test Environment

2.1 Environmental Treatment: None

N/A

三、Antenna Matching

3.1 Antenna

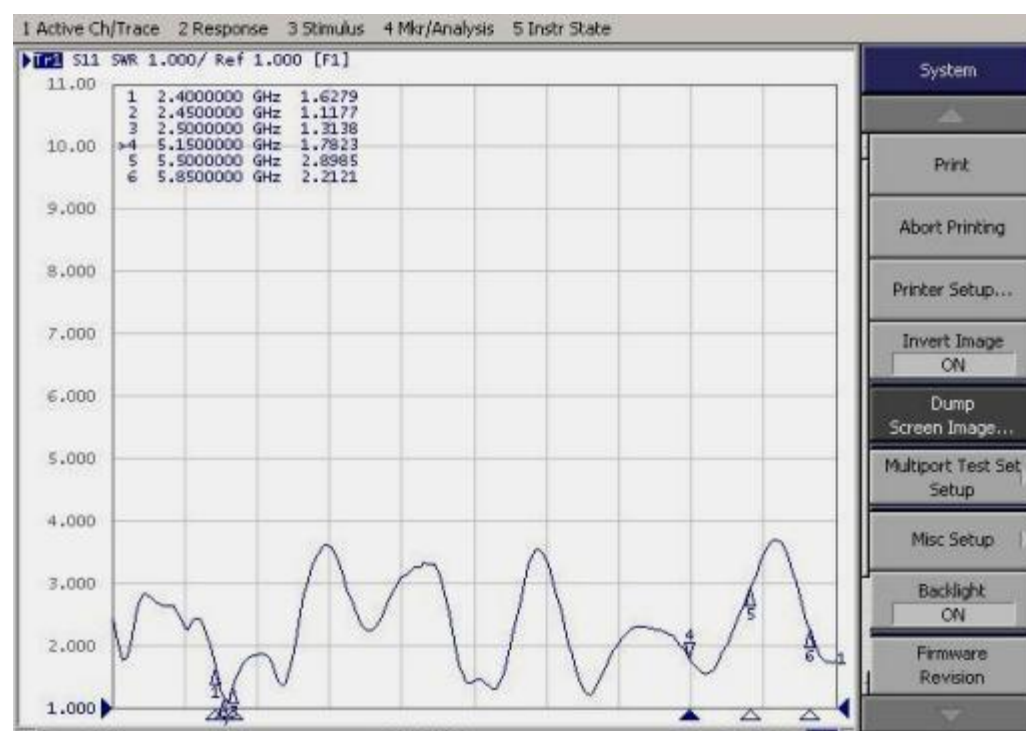


四、Product Specifications

Passive Electrical Specifications	
Frequency Range (MHz)	2400–2500 MHz, 5100–5800 MHz
Input Impedance (Ω)	50
VSWR	≤ 2.89
Gain (dBi)	< 3.5
Polarization Type	Linear Polarization

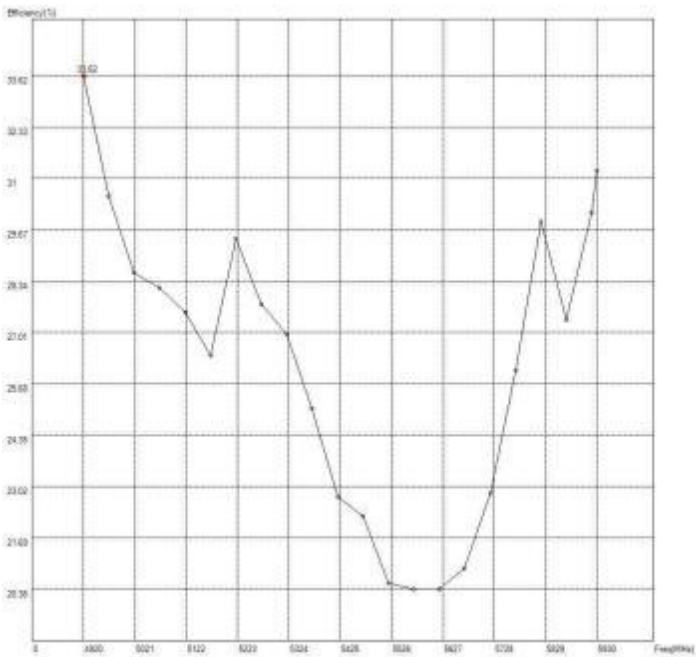
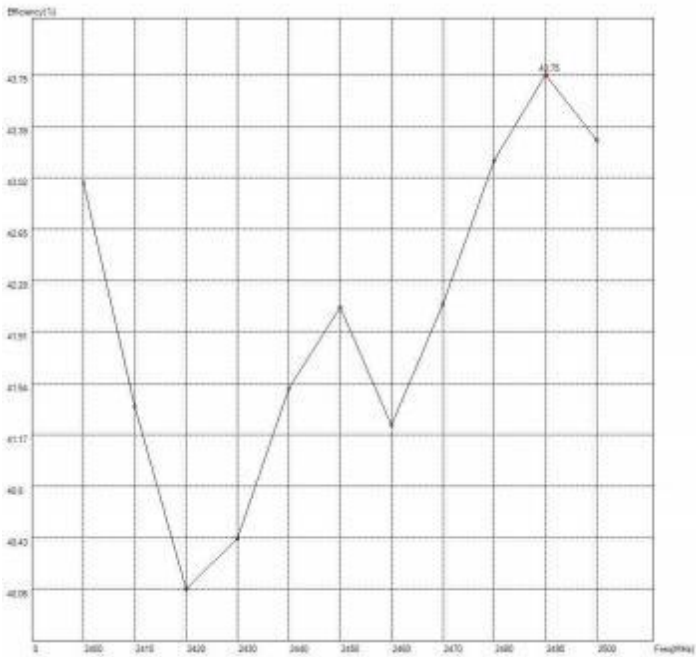
五、Electrical Performance Report

● VSWR Plot



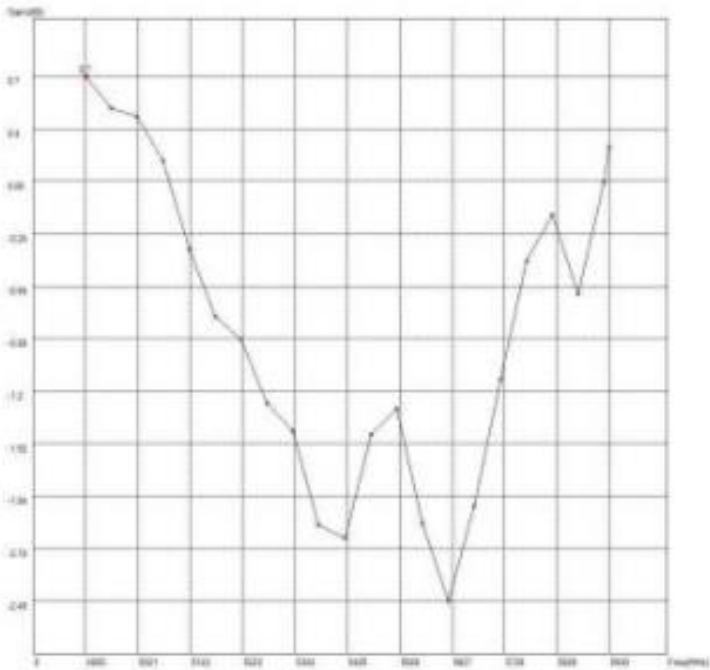
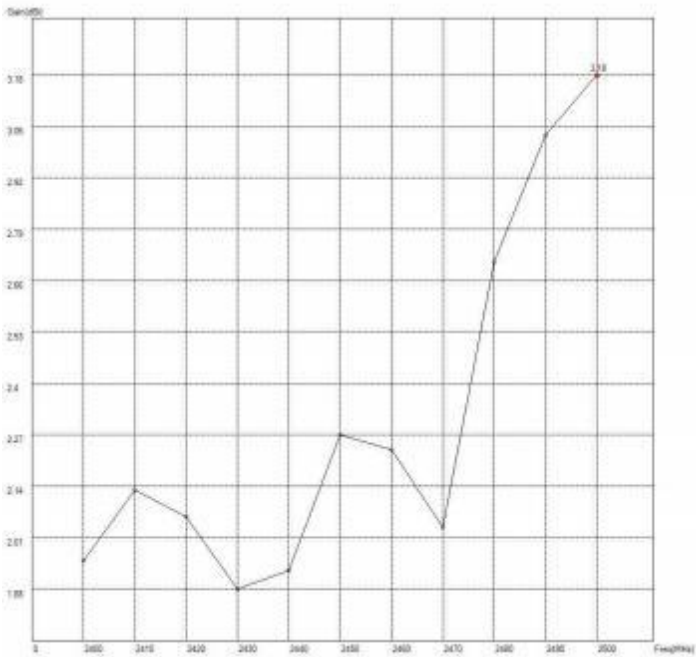
Frequency (MHz)	2400	2450	2500	5150	5550	5850
VSWR	1.62	1.11	1.31	1.79	2.89	2.21

● Efficiency



Frequency (MHz)	2400	2450	2500	5150	5550	5850
Efficiency (%)	42.97	42.08	43.28	27.49	20.36	27.30

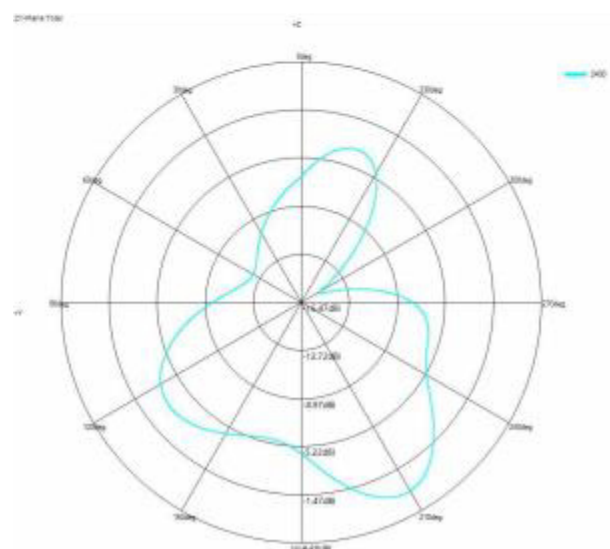
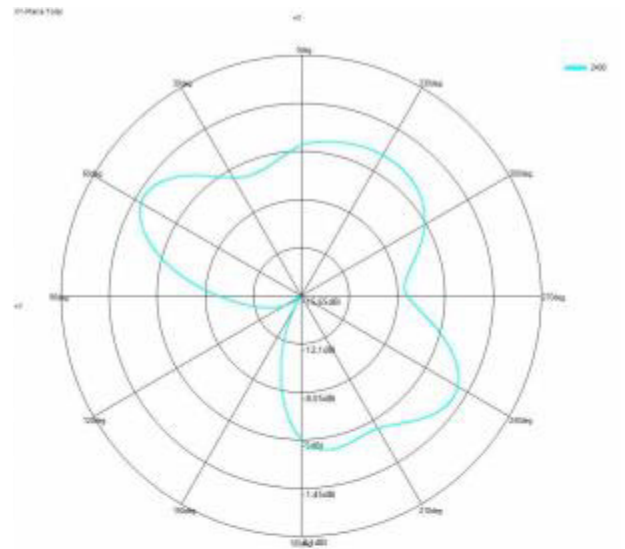
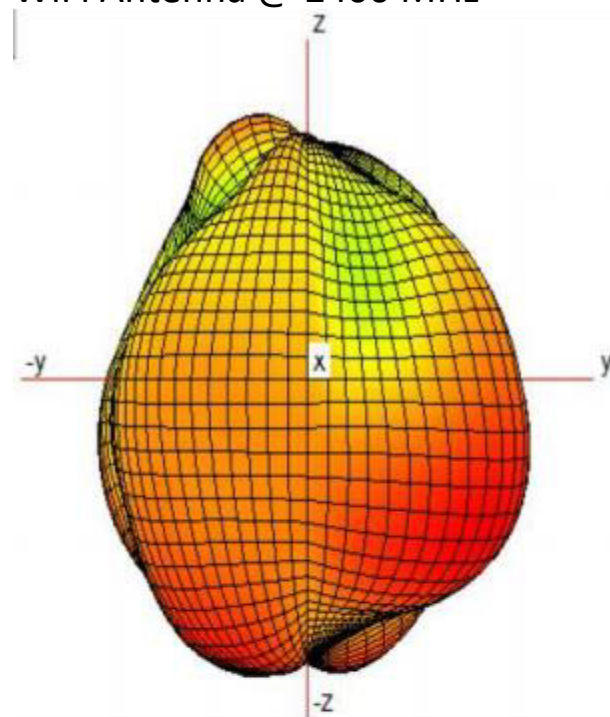
● Gain



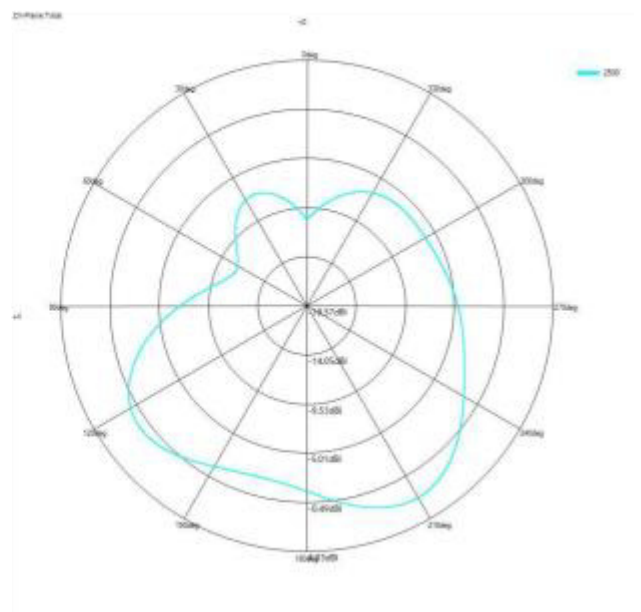
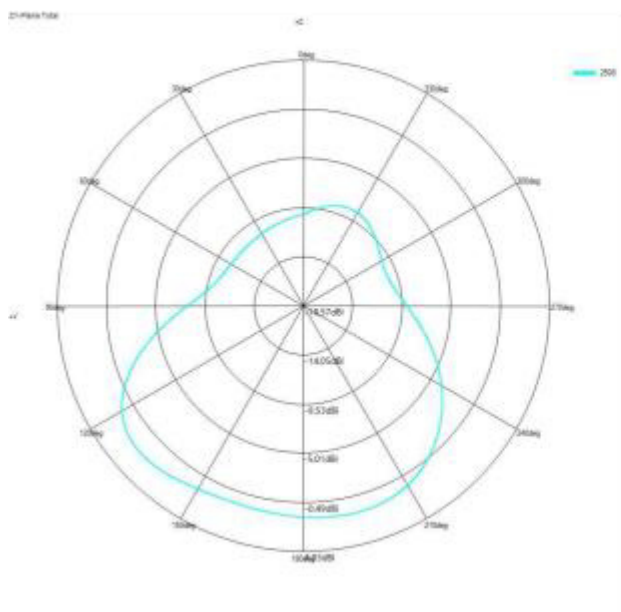
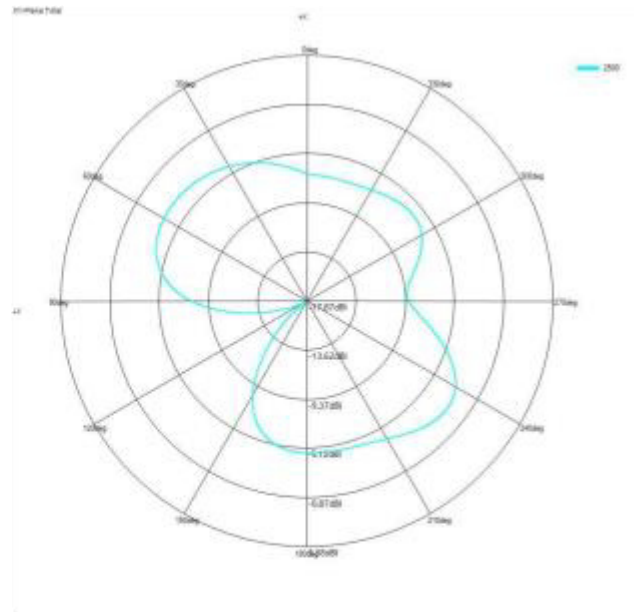
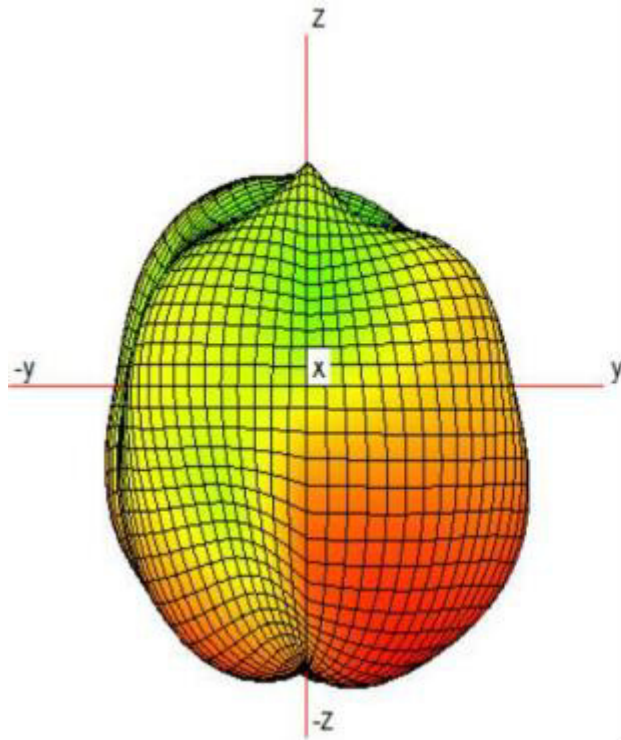
Frequency (MHz)	2400	2450	2500	5150	5550	5850
Gain (dBi)	1.95	2.26	3.18	-0.34	-1.31	-0.14

• Radiation Patterns

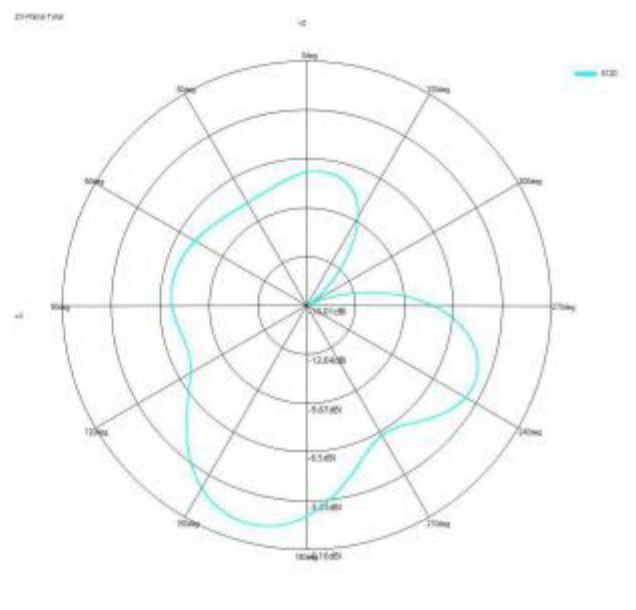
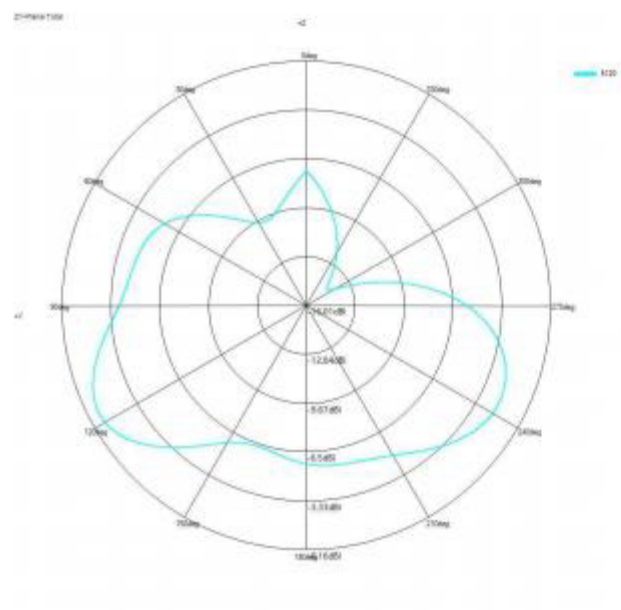
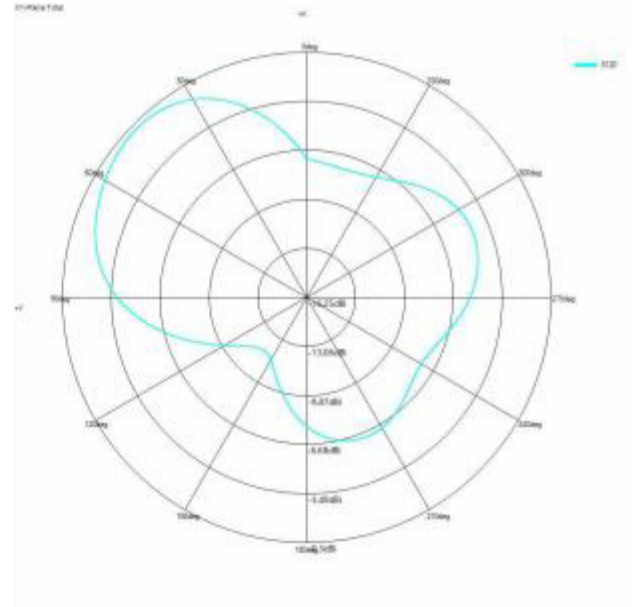
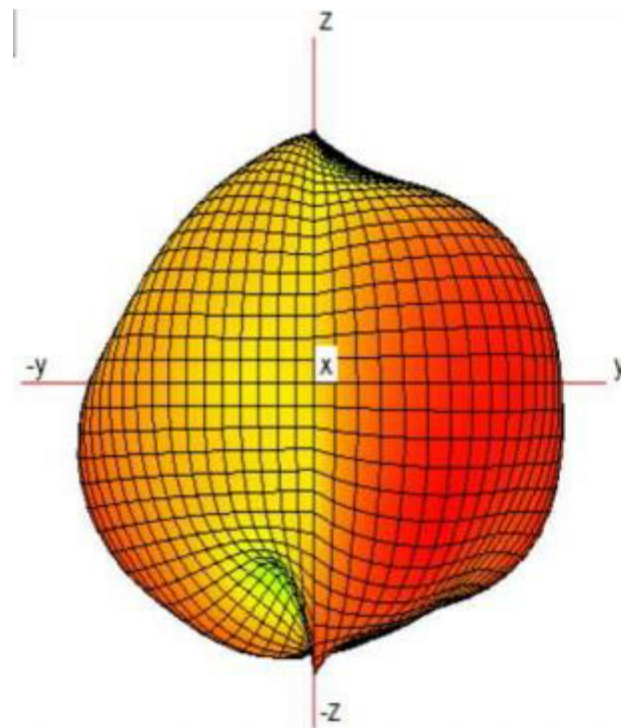
WiFi Antenna @ 2400 MHz



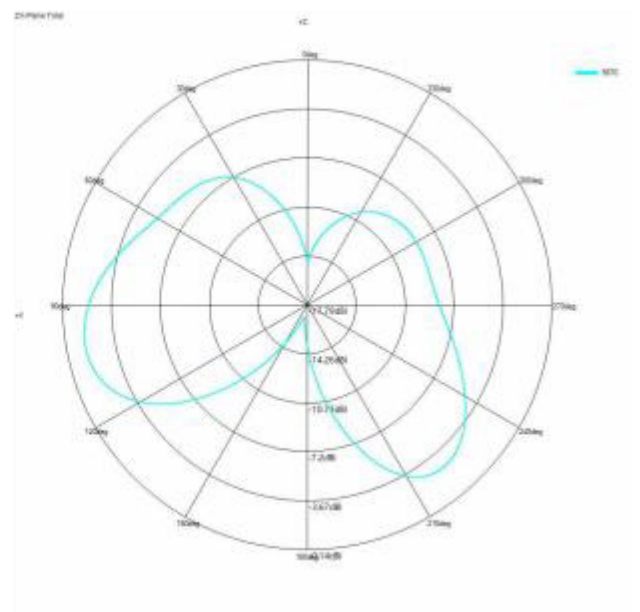
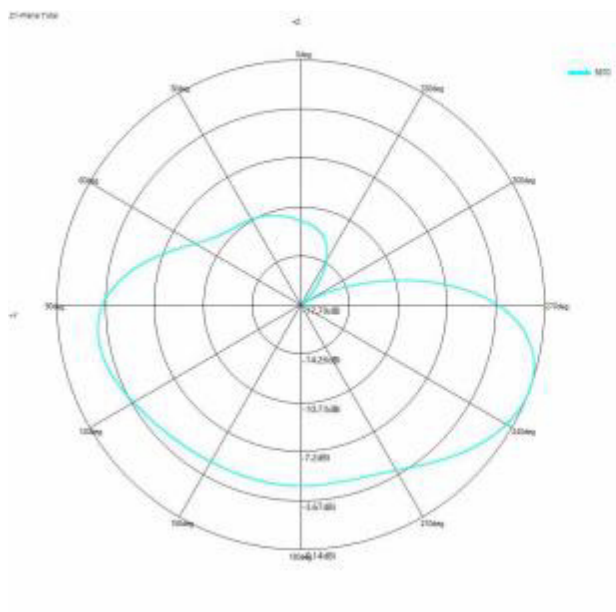
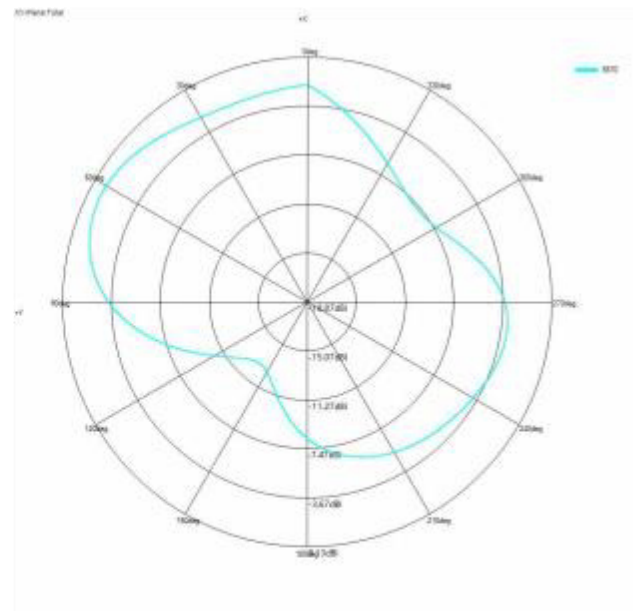
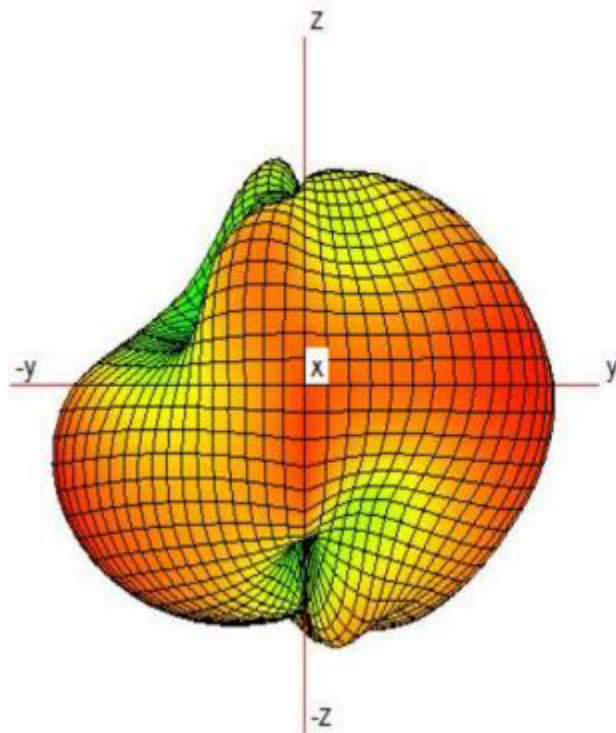
WiFi Antenna @ 2500 MHz



WiFi Antenna @ 5150 MHz



WiFi Antenna @ 5850 MHz



六、Engineering Drawing

