

承认书

Acknowledgment Letter

客户确认 CUSTOMER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by

供方确认 SUPPLIER APPROVED BY		
批准 Approved by	审核 Checked by	制表 Prepared by

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天线测试报告

antenna testing

客户 Customer	
项目名称 Project Name	6220N-RRM_
客户料号 Customer NO.	
规格 specification	wifi-2.4G
规格 specification	
供方料号 Supplier NO.	
编写人 Write by	潘益林
版本 REV.	Ver.1
日期 Date	2024-4-26
备注 Note	

1. 承认书项目表 (Index)

序号 Number	内容content	页码 Page number
-	承认书封面 Acknowledgment Letter Cover	1
-	版本变更记录 Version change record	2
1	承认书项目表 Confirmation Letter Project Table	3
2	试验设备和条件 Test equipment and conditions	4
3	样机结构说明件 Prototype structure specification	5
4	天线成品图 Finished antenna diagram	6
5	S11	7
6	增益/效率/3D图 Gain/Efficiency/3D Graph	8
7	包装 packing	9

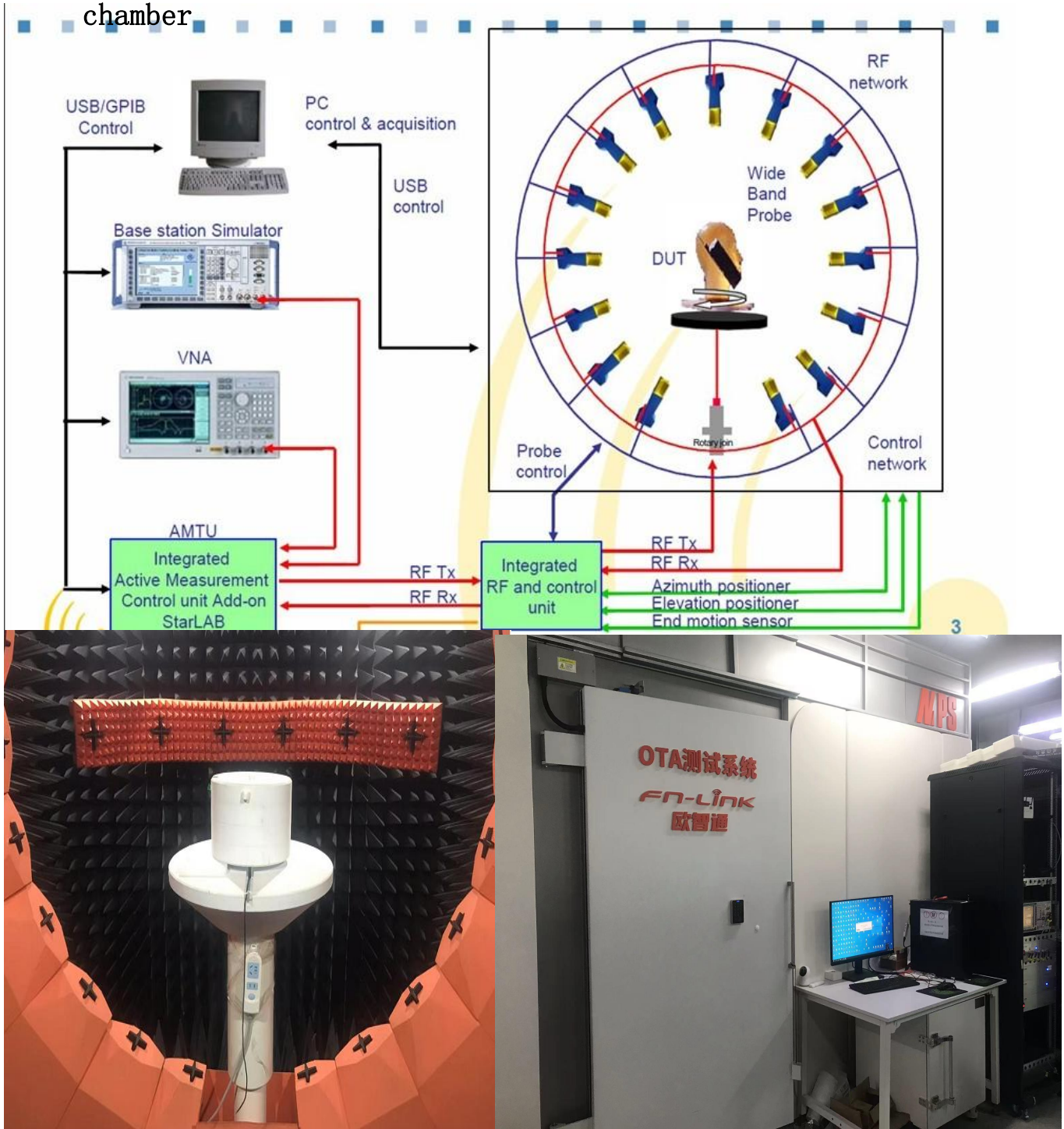
1. 试验设备和条件(Test Equipment & Conditions)

1.1. Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW 500

1.3. 3D Chamber Test System: 24Probe testing system

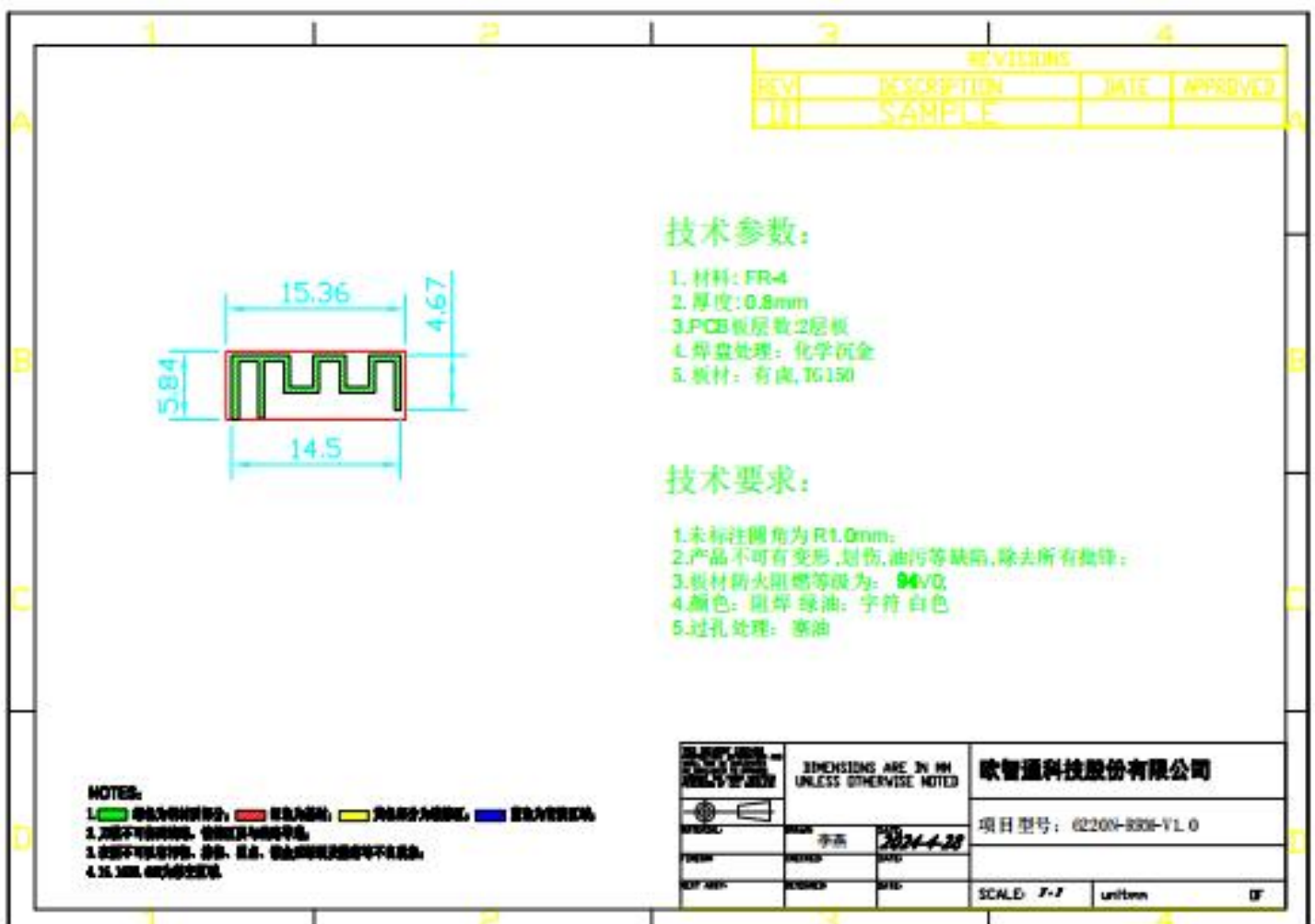
1. Testing principle diagram of microwave anechoic chamber



2. explain.

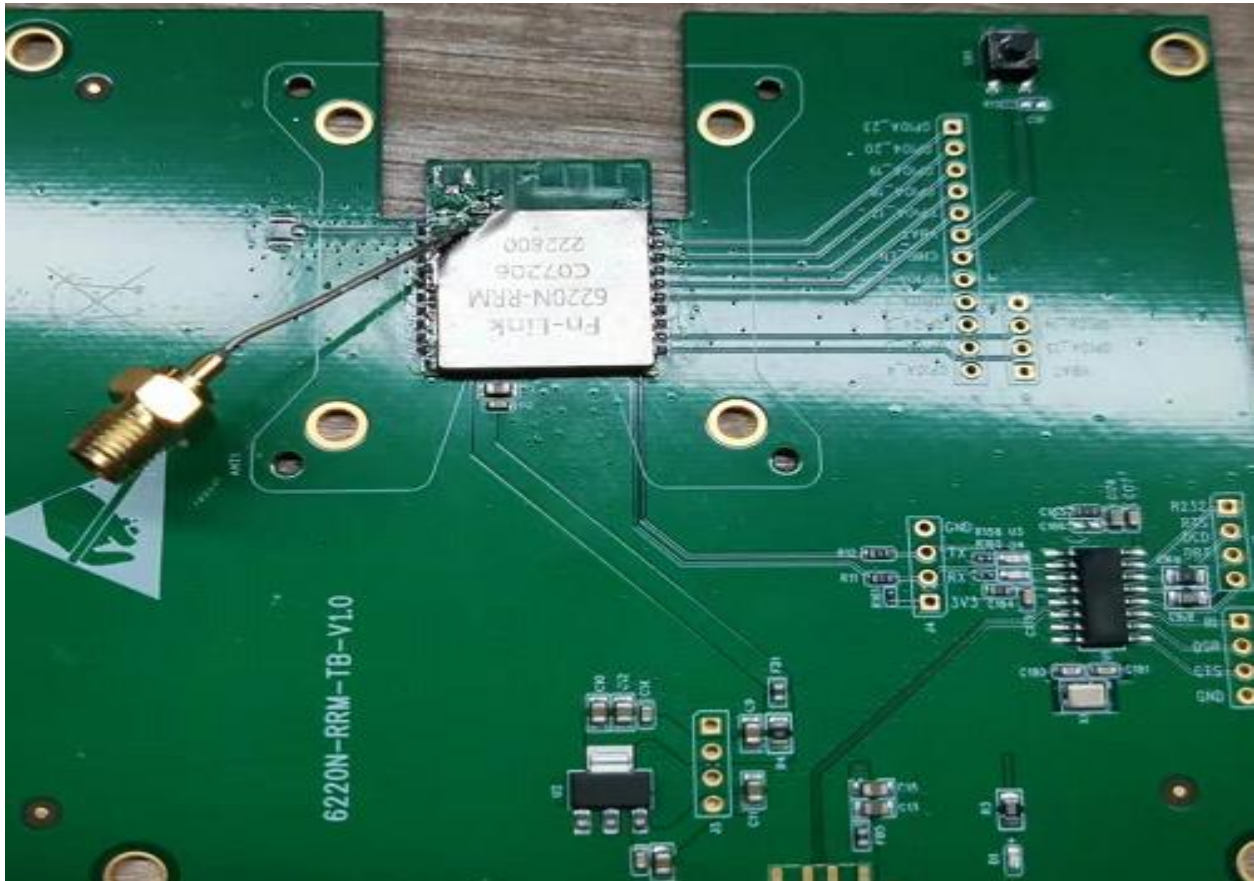
This report summarizes the electrical performance results of the antenna in the project, including the S11 parameters, Gain, and Efficiency of the antenna.

天线成品图 Finished antenna diagram

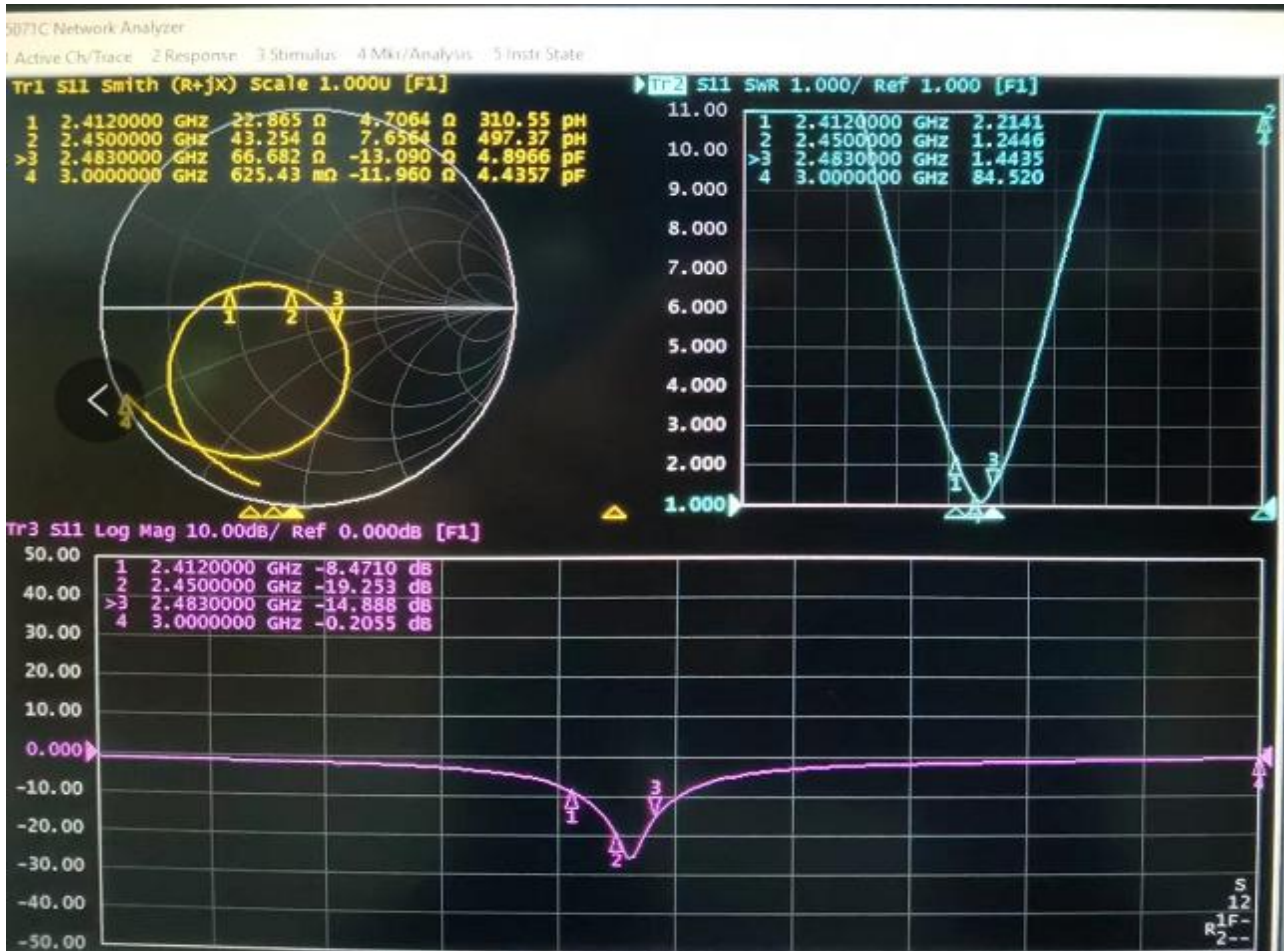


catalogue

1. 整机说明 Machine Description
2. 调试数据报告 Debugging data report
3. 测试数据 test data



WiFi Antenna S11



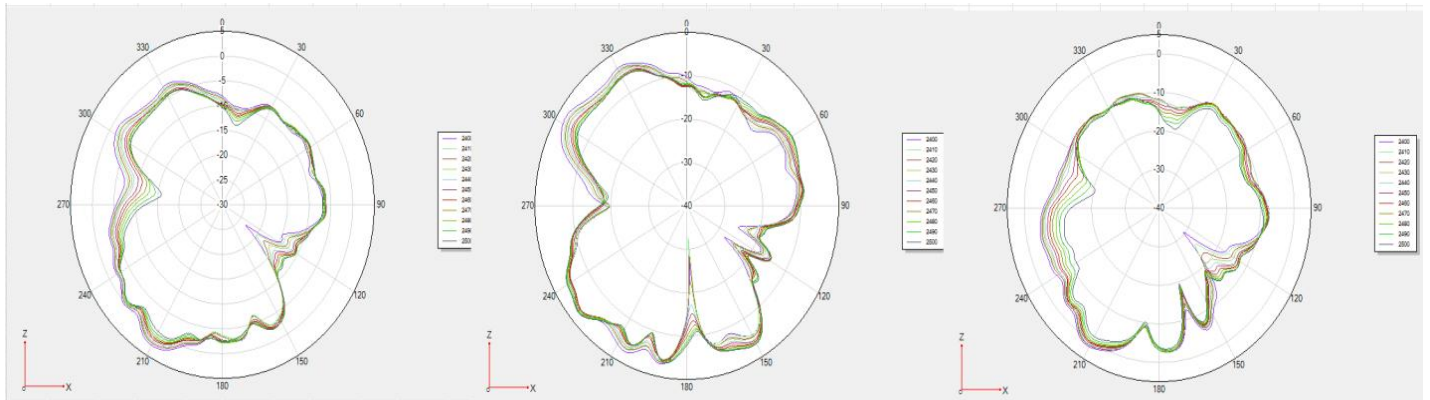
Freq/GHz	2400	2450	2500
VSWR	2.2	1.2	1.4

Antenna test data:

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2300	-1.82	22.23
2310	-1.4	23.6
2320	-1.06	25.41
2330	-0.16	30.34
2340	0.07	31.99
2350	0.51	34.28
2360	0.68	36.14
2370	1.29	40.46
2380	1.71	44.87
2390	2.26	50.35
2400	2.7	57.68
2410	2.81	60.12
2420	2.85	63.53
2430	2.92	67.14
2440	3.07	72.95
2450	3.14	76.56
2460	3.14	77.45
2470	3.25	78.89
2480	3.08	76.74
2490	3.09	74.82
2500	2.83	70.15
2510	2.74	64.71
2520	2.08	58.34
2530	2.02	54.7
2540	1.63	52
2550	0.76	42.07
2560	0.56	40.09
2570	0.02	35.4
2580	-0.04	34.99
2590	-0.43	32.14
2600	-0.95	28.18

天线2.4G方向图苹果图

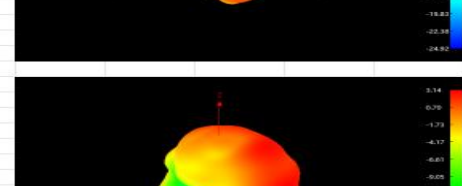
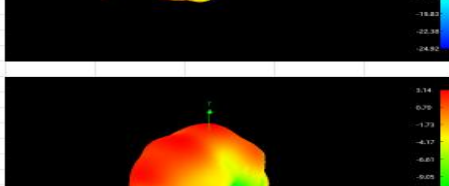
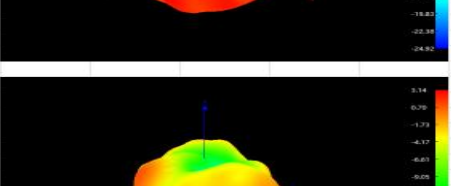
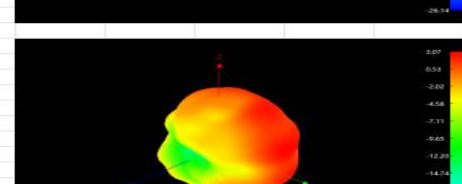
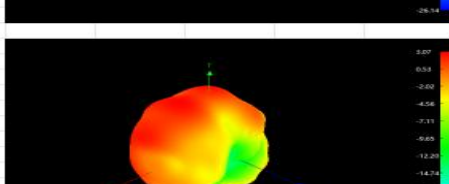
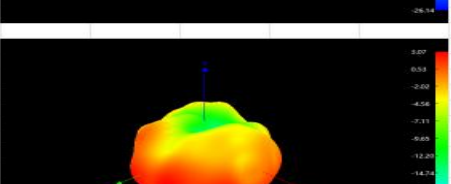
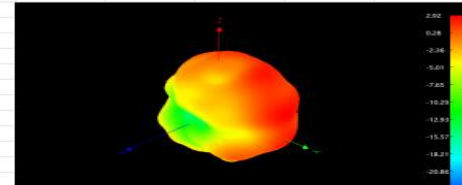
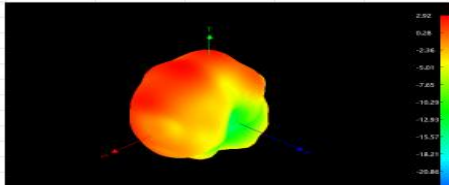
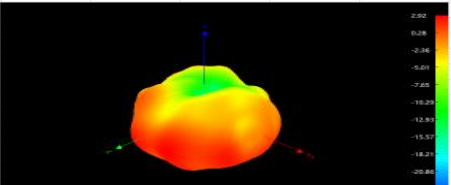
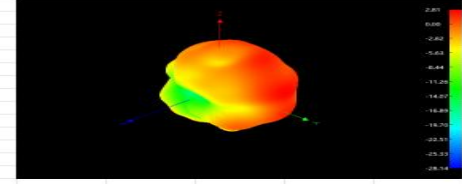
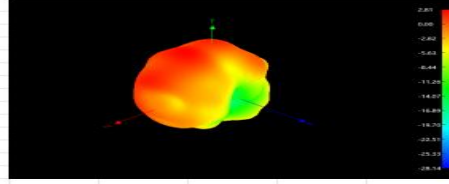
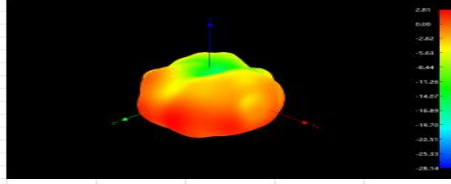
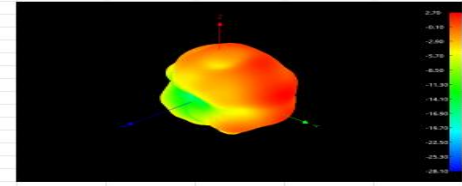
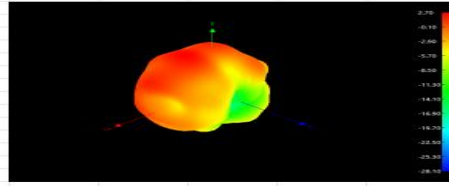
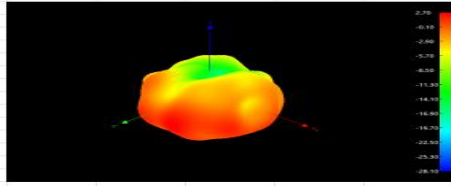
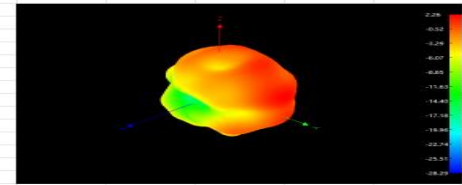
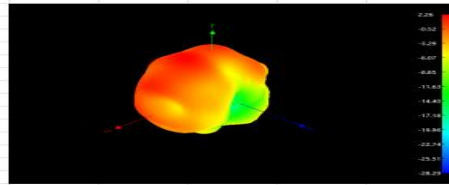
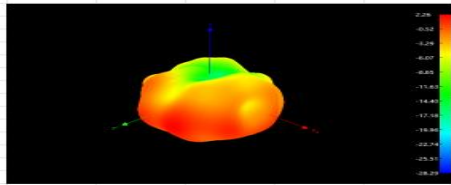
Antenna 2.4G directional pattern apple diagram :



Z-X

Z-Y

X-Y



包装图Packaging diagram



NY bag size:500mm*420mm



size : 335X335X55mm



The packing case size:360*210*370mm

12.4 Tray

Use pallet packaging for less than 300 pieces

