

			No. :
样品承认书			
Specification For Approval			
Manufacture:	Xi 'an Guanghetong Electronic Technology Co. , LTD		
Address:	No. 3, 1st Floor, Unit 1, Building 24, Phase 3, Dahua Park Family, Chunlin 5th Road, Qujiang New District, Xi 'an City, Shanxi Province		
Customer Material Number:		Supplier material number:	GHT-2. 4/5. 8GFPC2407
product description	FPC Antenna: The material is one and a half black 3M9471 gum	Model to be used:	general
Supplier's admission (seal):		Customer's admission (seal):	
Make:Huang Wang	structure: Huang Wang		
Approval:	Date: 2024-11-12		

catalogue

1. specification

1.1 electrical spec

1.2 Antenna frequency range

2. Match the circuit diagram

3. tactic form

3.1 Antenna composition

4. test equipment

5. VSWR test connection

5.1 test connection

6. Test

6.1 The test site

6.2 The instrument for testing

6.3 Antenna test standing wave

6.4 Antenna test data

7. drawing specification

7.1 drawing

7.2 Sample size detection

7.3 BOM

8. reliability testing

8.1 Reliability Test Report

8.2 Product Storage Instructions

9. operating temperature

10. antenna position

1.specification

1.1 Specifications

This report mainly provides the test status of various electrical and structural performance parameters of the wif i antenna.

specifications	models
FPC Ant	GHT-2.4/5.8GFPC2407

1.2 Antenna frequency range

The following table shows the electrical performance indicators of antennas designed and mass-produced by Guangyuanfa

3.structural style

3.1 Antenna composition

The antenna is mainly composed of a flexible circuit printed board.

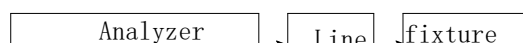
4. test equipment

测试设备说明



5 .VSWR test connection

5.1 Test connection: The connections of the VSWR test device in sequence are:

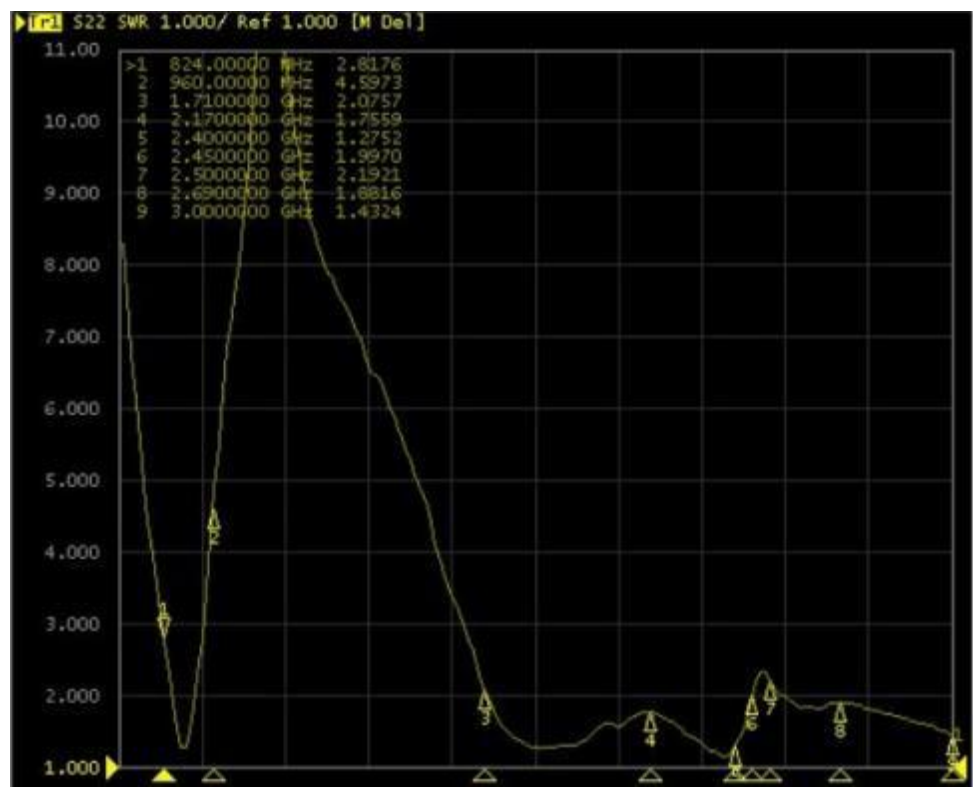


6. Testing

6.1 Test venue: Guanghetong Microwave Anechoic Chamber. The test frequency range is 2 . 4 / 5 . 8 g , 静
The static zone range is a 50cm circle, reflecting The rate is less than -50 dB.

6.2 The instrument for testing: Agilent5071B 、CMW500、Agilent8960 E5515C、standard horn
antenna、24-probe OTA microwave anechoic chamber testing system, printers, etc

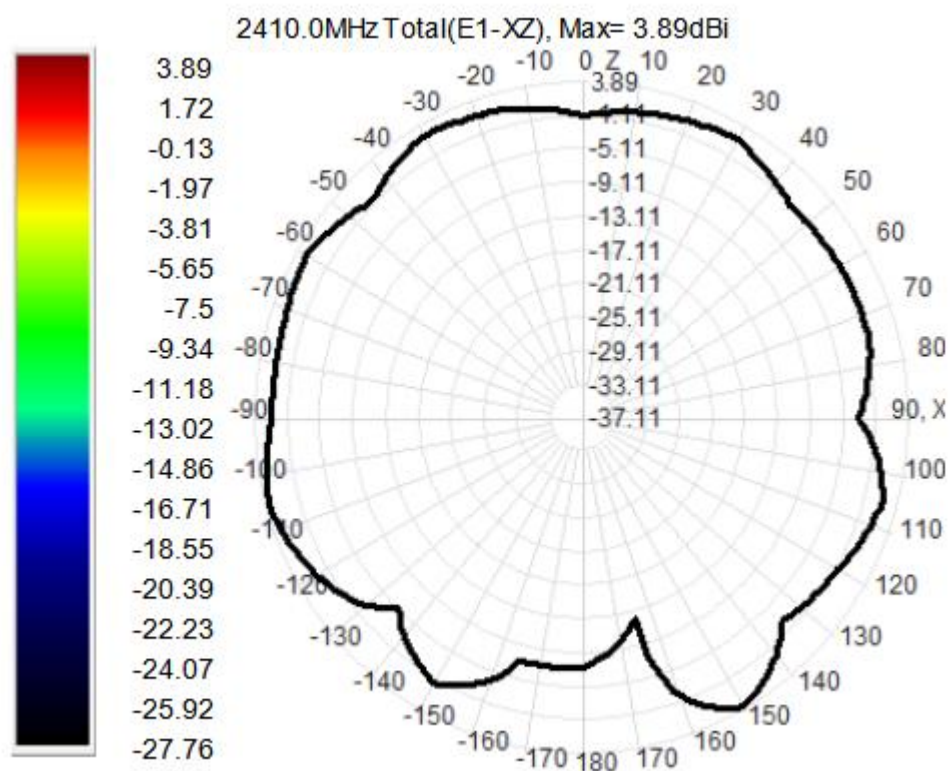
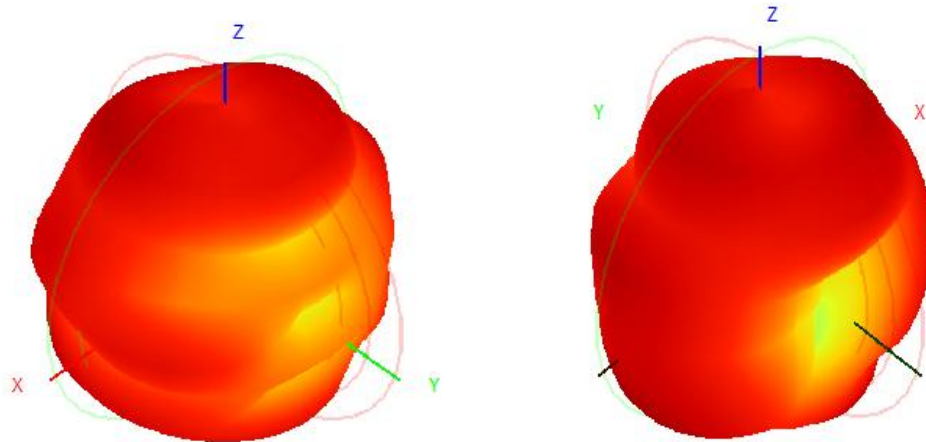
6.3 Passive test standing wave of the antenna

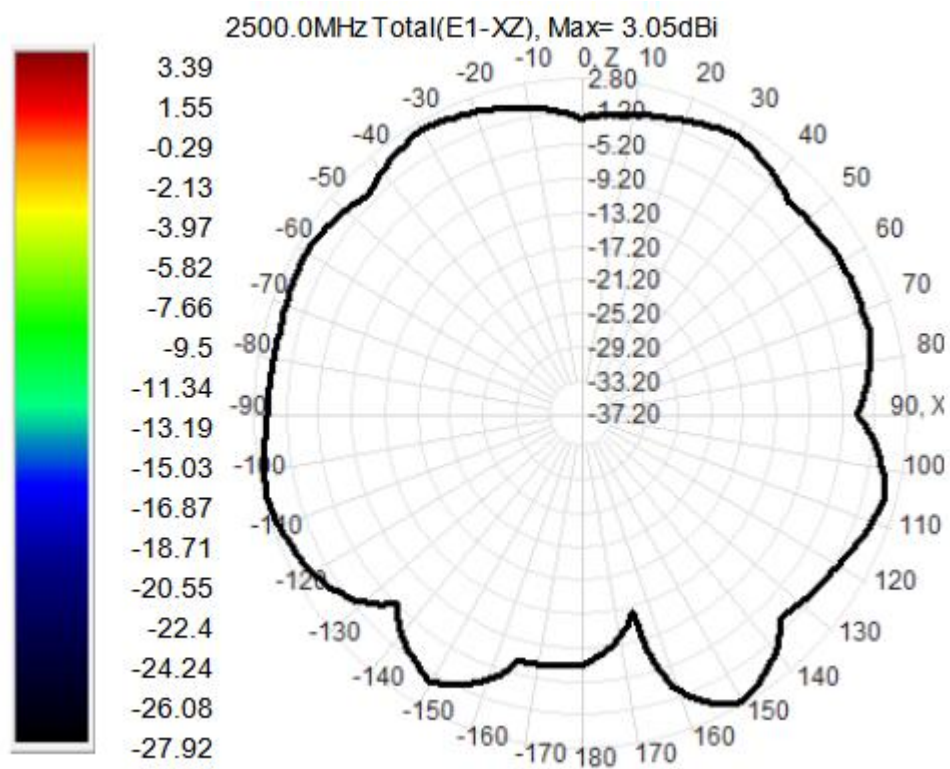
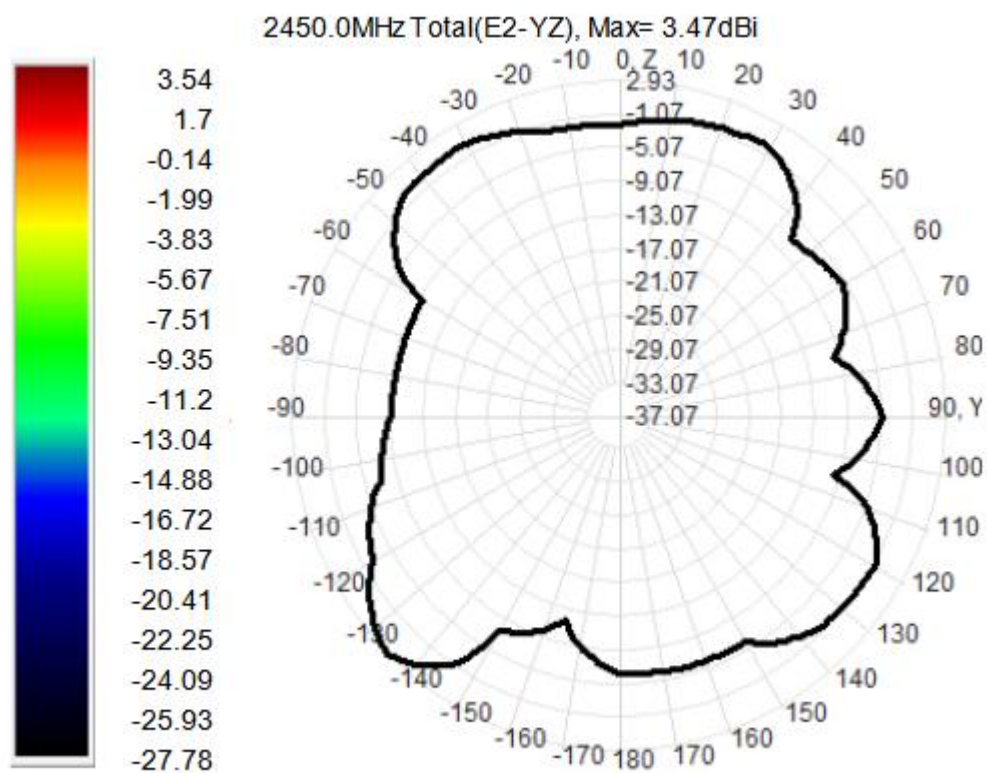


6.4 Passive test data of the antenna

Frequenc	Efficiency	Gain (dBi)	Efficiency
2400.0	-3.94	3.71	40.41
2410.0	-3.76	3.89	42.04
2420.0	-3.72	3.74	42.47
2430.0	-3.66	3.75	43.03
2440.0	-3.57	3.67	43.93
2450.0	-3.65	3.47	43.12
2460.0	-3.69	3.28	42.75
2470.0	-3.80	3.23	41.72
2480.0	-3.93	3.22	40.47
2490.0	-4.00	3.23	39.80
2500.0	-4.15	3.05	38.43

2D and 3D





1		2	3		4		
项目名称	WIFI		版次	修改内容	设计	审核	修改日期
字符内容	GYF-WIFI-V1.0		A0	初版发行			
检验方法	☐ 目测 ☐ 卡尺 ☐ 网分 ☐ 万用表						
同轴线	1.13黑色L=50.0剥线1-1.5-2 +1代端子						

A

B

C

