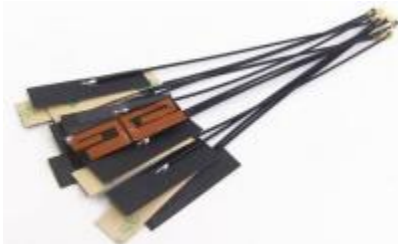


specification

manufacturer	Dongguan Chuangjie Electronics Co., LTD
address	6 Qilin East Road, Daning, Humen Town, Dongguan City, Guangdong Province
Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz 4900 ~ 5900 MHz
Gain (Peak)	5dBi
S.W.R.	≤ 2.0 @ 2400 ~ 2500 MHz ≤ 2.0 @ 4900 ~ 5900 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2 dB / m Max
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	IPEX
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 50 mm
Operating Temp.	-10 ~ 60 C°
Storage Temp.	-10 ~ 70 C°

承认书项目表

NO.	内容 (Contents)	页数 (Number ofPage)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S 参数测试 (S Parameter)	1	5
6	增益测试 (Gain Test)	1	6
7			
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-

1	2	3	4	5	6	7	8
					SIGN		APPROVER
					DATE		
					DESCRIPTION		
					A		
					A		
					A		

* 130 ± 3mm

37

10

③

②

①

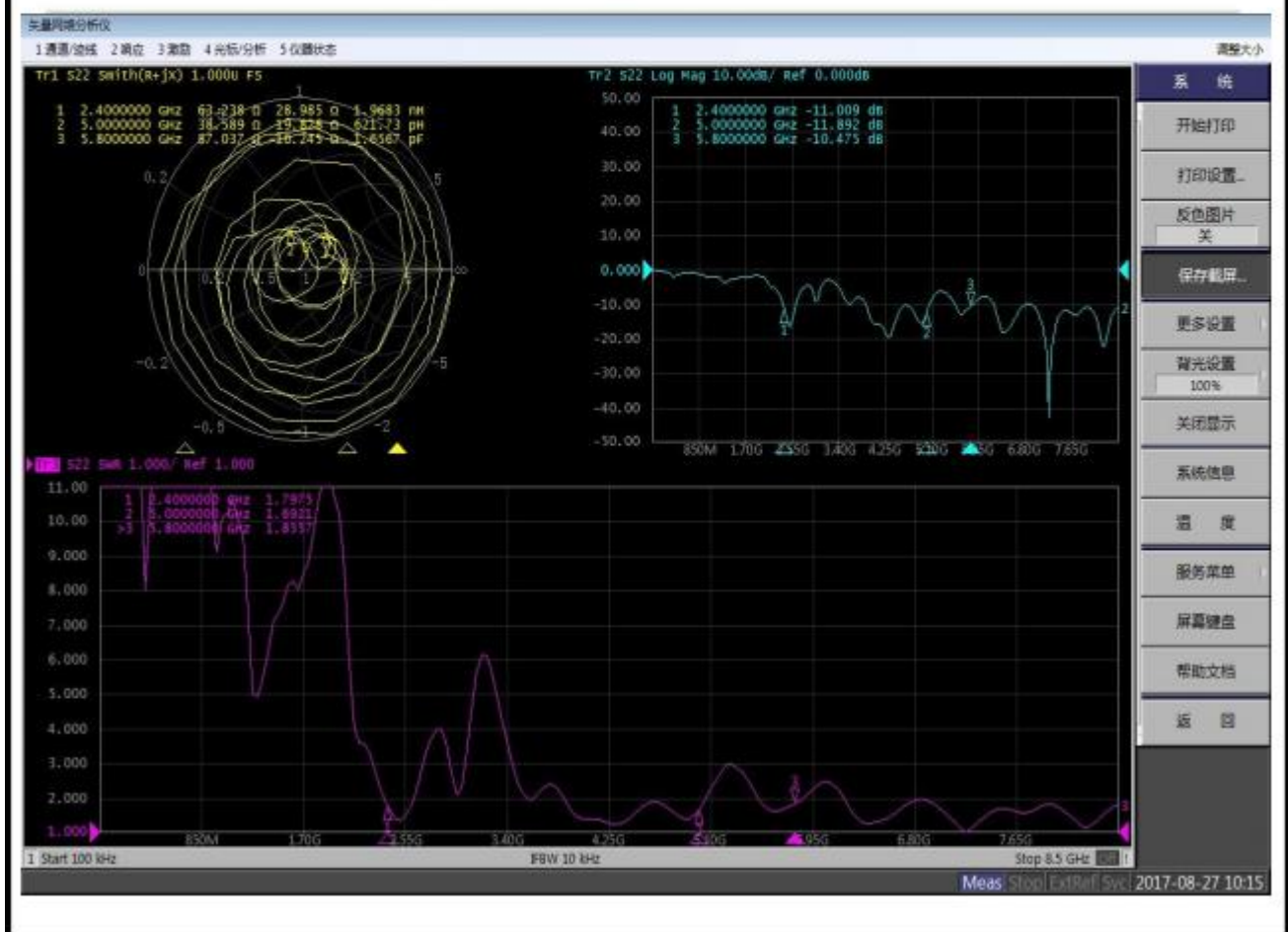
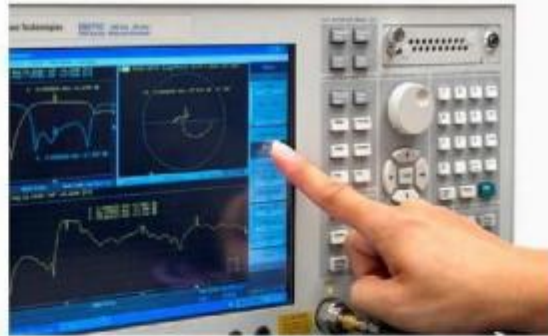
Dongguan Chuangjie Electronics Co., LTD			
TITLE: 2.4G 5G 5.8G Antenna			
PART NO:WF3710-113B-130		DWG NAME:	
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance
jeff 2014-03-18	leon 2014-03-18	2014.03.18	XX ±0.20 X.XX ±0.10 X° ±3°
UNITS: mm		REVISION: A	
SCALE: 1/1			

3	WF3710-113B-60	FPC	FPC 37 * 10*0.3mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name		Qty
1	2	3	4	5
6	7	8		

S 参数测试

S Parameter Test

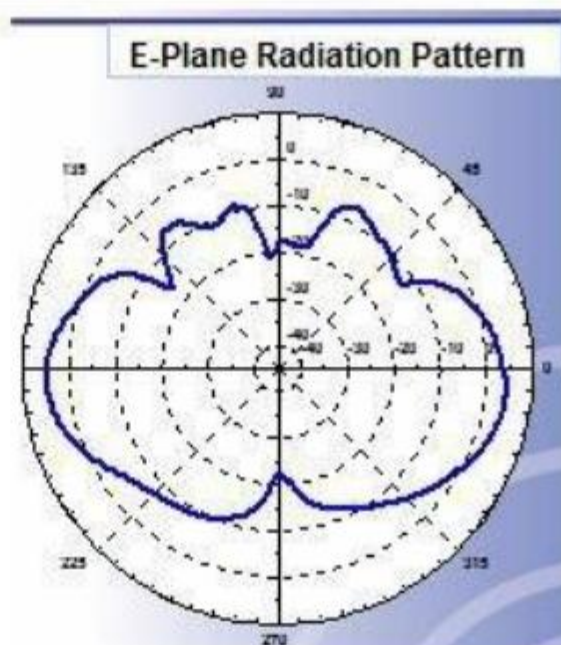
AgilentE5071C



增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

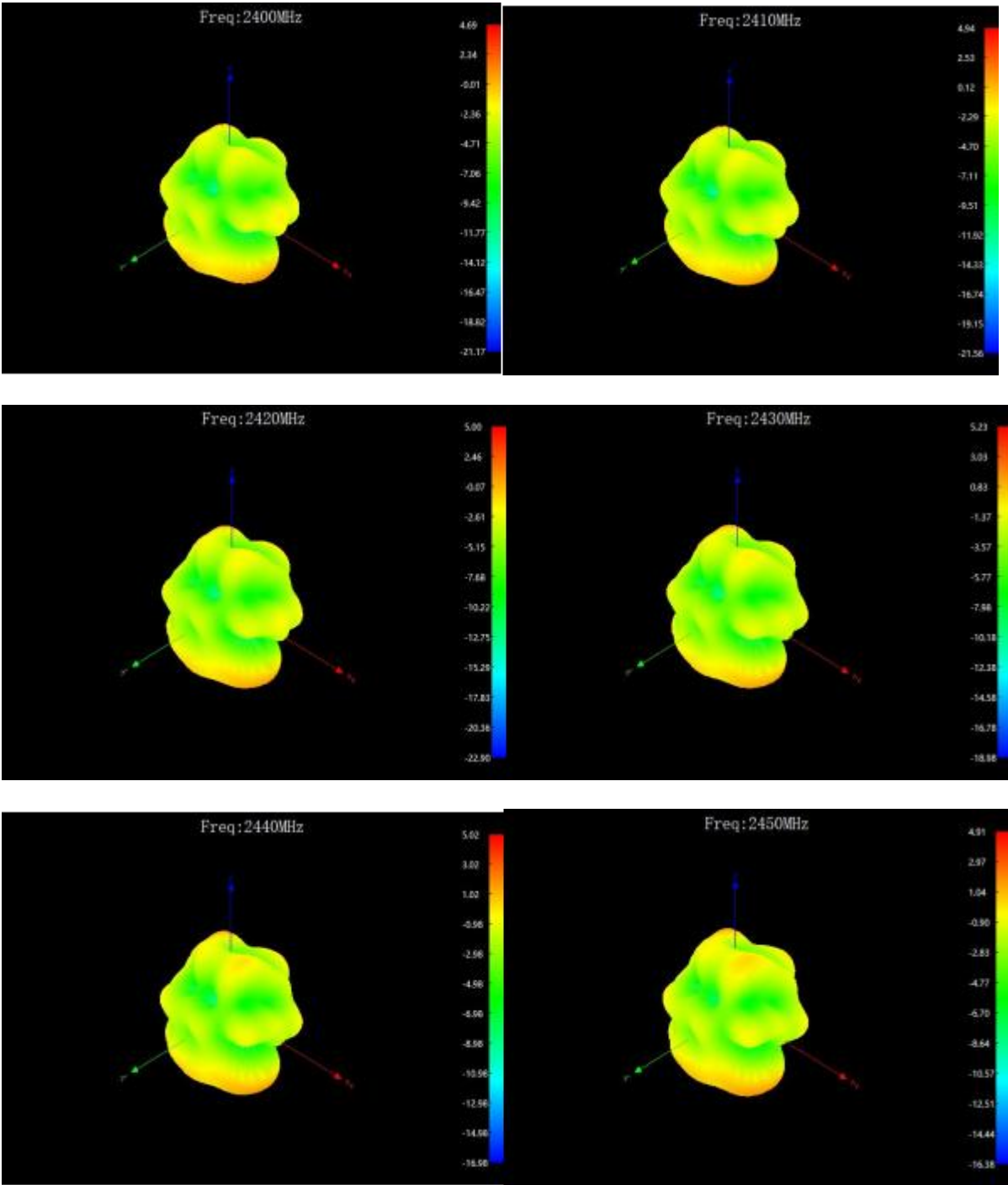


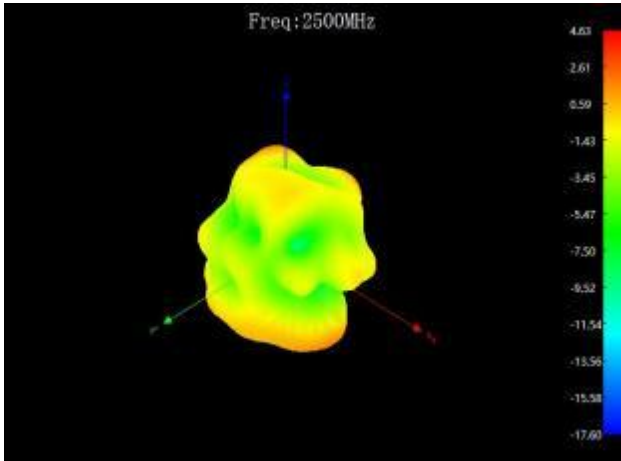
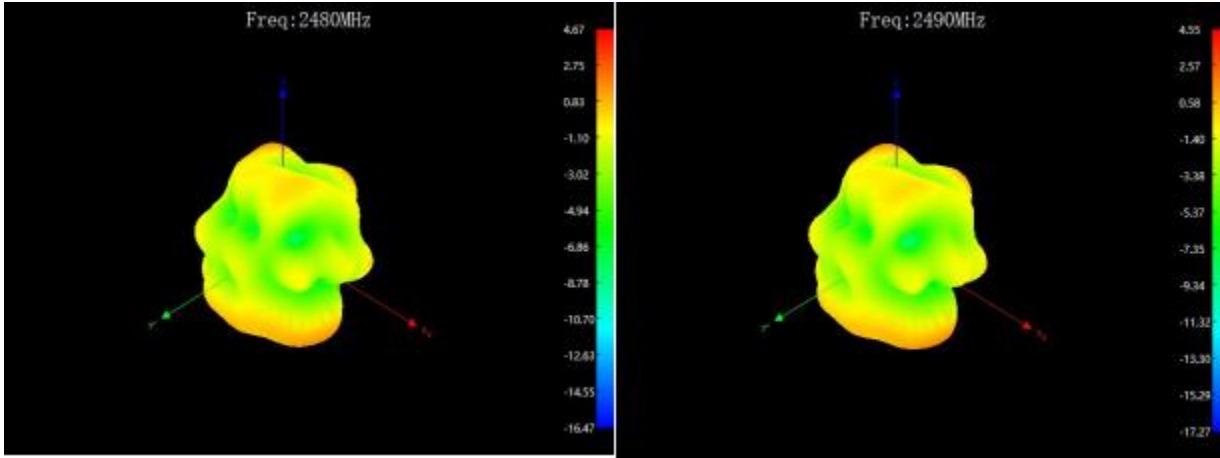
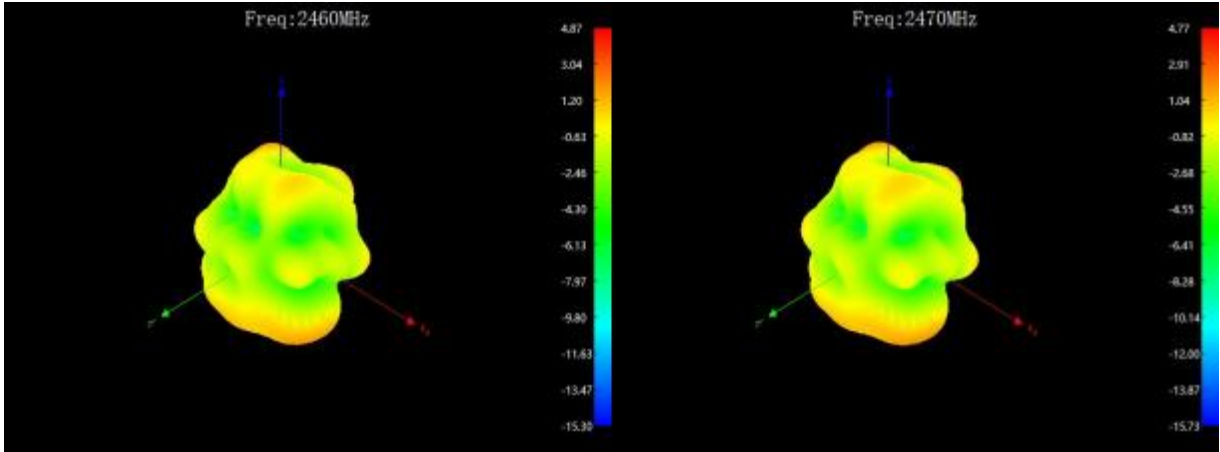
Test Result

WIFI Antenna Gain/Efficiency/ DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.58	4.69	55.21
2410	-2.4	4.94	57.54
2420	-2.35	5	58.21
2430	-2.14	5.23	61.09
2440	-2.27	5.02	59.29
2450	-2.24	4.91	59.7
2460	-2.24	4.87	59.7
2470	-2.21	4.77	60.12
2480	-2.25	4.67	59.57
2490	-2.32	4.55	58.61
2500	-2.19	4.63	60.39
5150	-2.44	3.11	57.02
5350	-2.19	4.52	60.39
5550	-1.87	4.88	65.01
5750	-1.87	4.46	65.01
5850	-1.81	3.88	65.92

WIFI Antenna Gain/Efficiency/3D DATE





WIFI Antenna Gain/Efficiency/3D DATE

