

Antenna specification sheet

NO.	(Contents)	(Number of Page)	(Page Code)
1	Spec Cover	1	1
2	Spec Item	1	2
3	Drawing	1	3
4	Test Reports	1	4
5	Parameter	1	5
6	Gain Test	1	6
7			
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-

Tel:15818375487

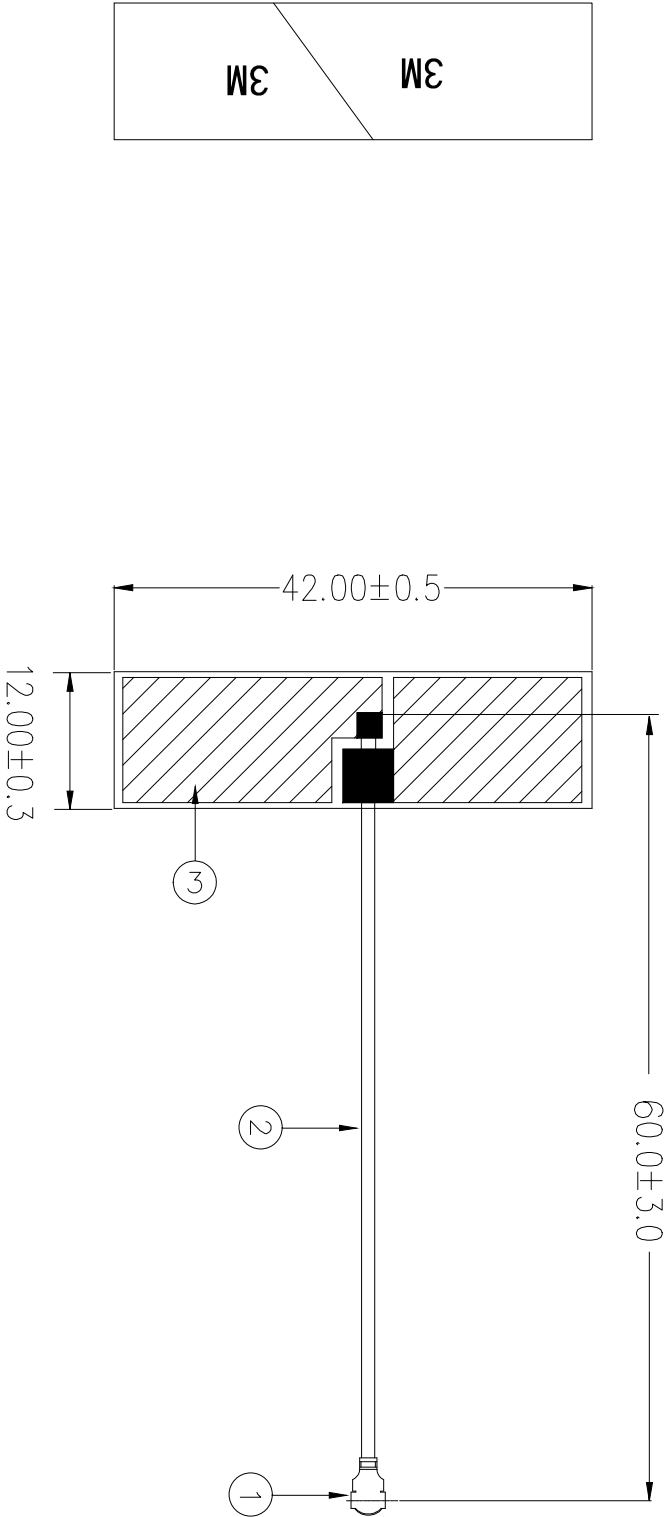
Manufacturer: Dongguan Chuangjie Electronics Co., Ltd

Address: No. 6 Qilin East Road, Daning, Humen Town, Dongguan City

Test Reports

Electrical Properties	
Frequency	2.4~2.5GHz;4.9~5.9GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	5dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 120 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

SIGN	DATE	DESCRIPTION	APPROVER
A			
A			
A			



东莞市创捷电子有限公司

Tel:86-0769-33891210
Fax:86-0769-82381572

TITLE: 2.4GHz Antenna

PART NO.: WF4212-JPEX 1.6cm

DWG NAME: NB030-081B-1X130.DWG

APPROVED BY

CHECKED BY

DESIGNED BY

UNITS: mm

Tolerance

jeff

leon

YD

SCALE: 1/1

X.X NO.20

2014-02-26

2014-02-26

2014-02-26

REVISION: A

X.XX NO.10

2014-02-26

2014-02-26

2014-02-26

REVISION: A

XA N3A

3 NB030B

FPCB

42*12mm

1

2 R-CB-081B

Coaxial Cable

O.D. 0.81mm Black

1

1 CI-081

Connector

Mini Connector

1

No. Part Number

Name

Material

Q'ty

1

2

3

4

5

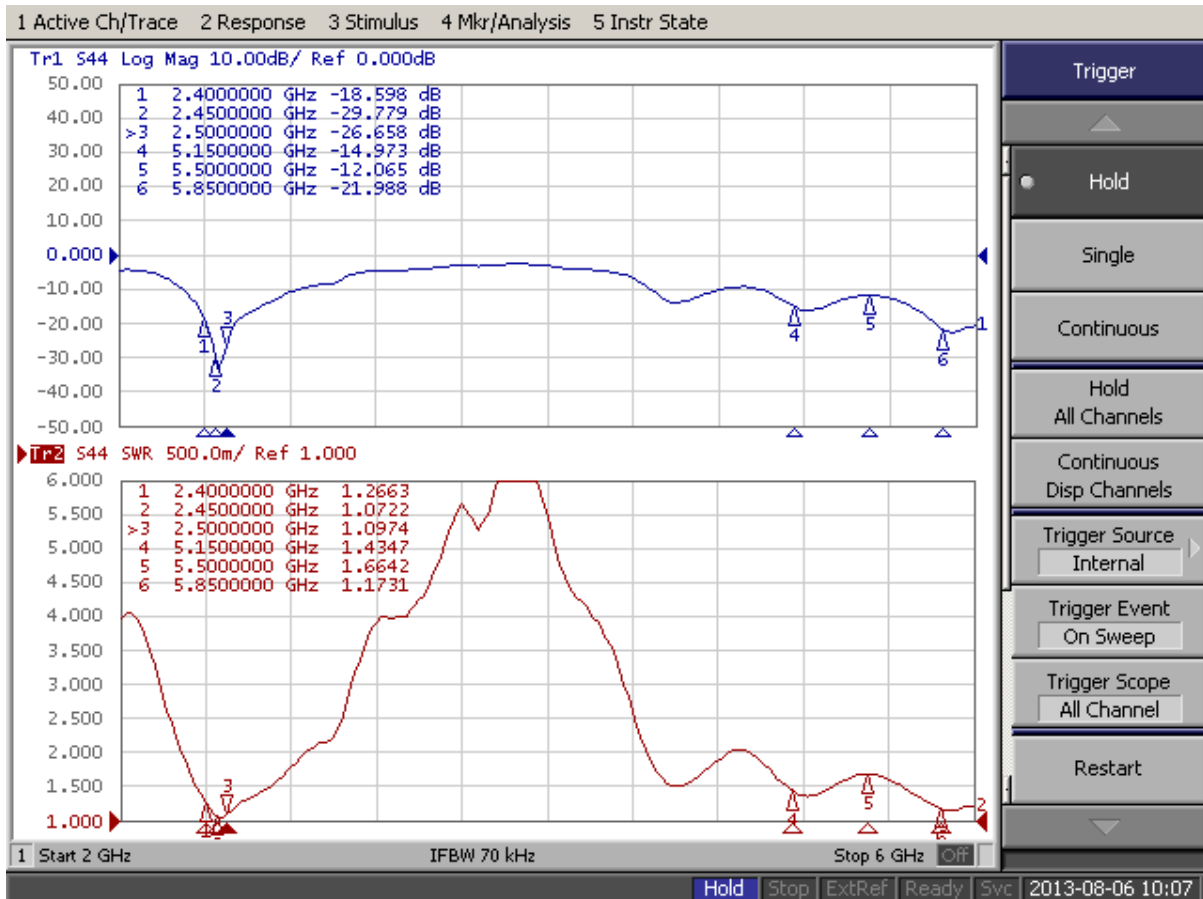
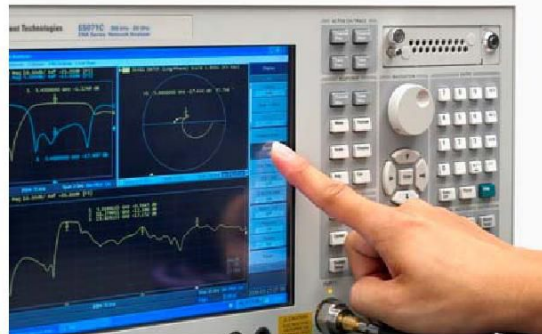
6

7

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S Parameter Test

Agilent E5071C



Frequency / MHz	Gain/ dBi	Efficiency / %
2400	4.96	53.87
2450	5.00	55.27
2500	4.59	54.74
5150	5.00	54.89
5500	4.51	44.02
5850	4.88	44.12