

承认书项目表

Manufacturer: ChinaInfoSafe (Shenzhen) Technology Co., Ltd.

Address: Room 205, 2/F, building 1, Software industry base, NO. 81, 83, 85, Gaoxin South 10th Road, Binhai community, Yuehai street, Nanshan District, Shenzhen

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电性测试报告

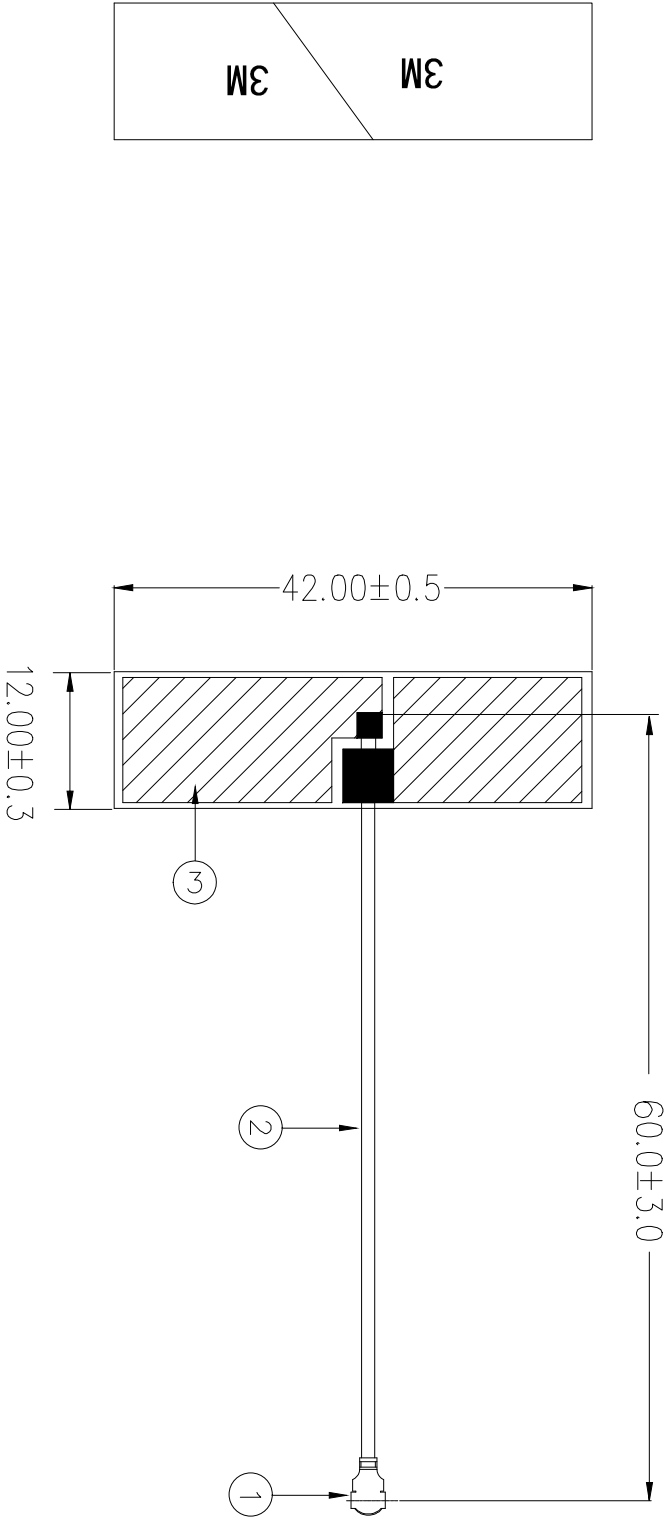
Test Reports

Electrical Properties	
Frequency	2.4~2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.30dBi
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

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Tel:15818375487

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

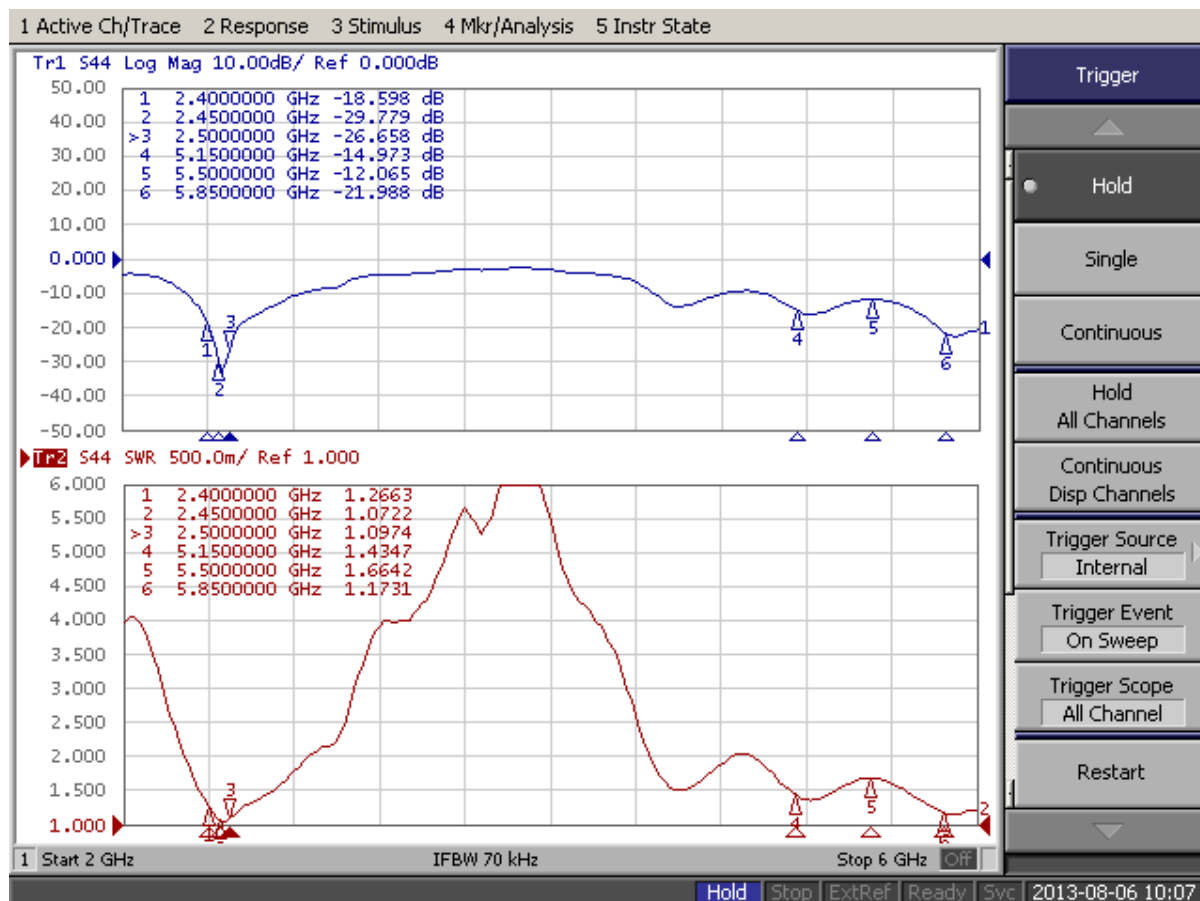
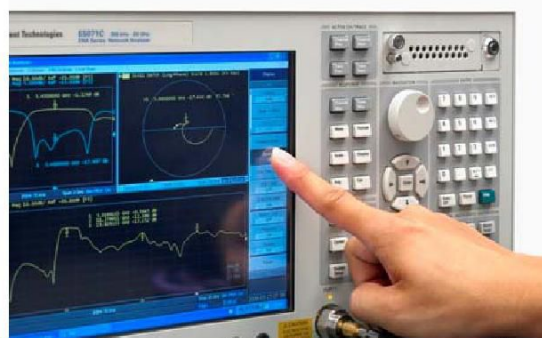
APPROVED BY	CHECKED BY	DESIGNED BY	UNITS: mm	SCALE: 1/1	REVISION: A	Tolerance
jeff 2014-02-26	leon 2014-02-26	YD 2014-02-26				X.X 00.20 X.XX 00.10 XA 08A

No.	Part Number	Name	Material	Q'ty
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

S 参数测试

S Parameter Test

Agilent E5071C



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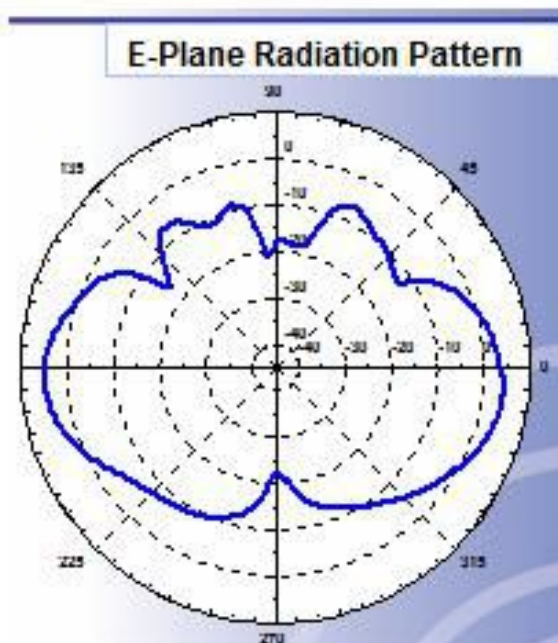
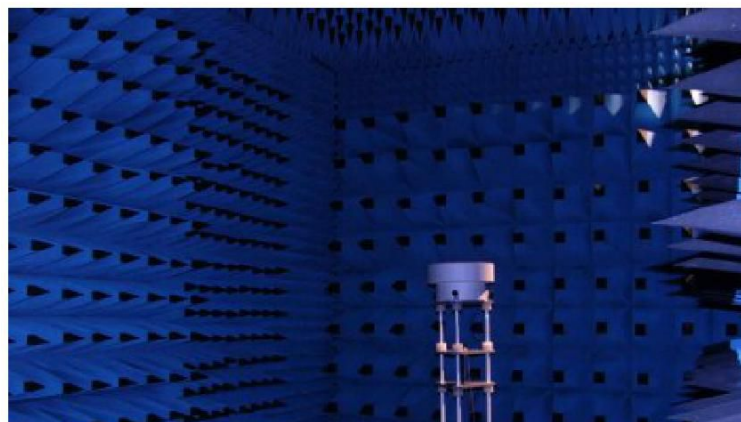
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增益测试

Gain Test

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-2.99	-2.71	-2.58	-2.57	-2.66	-2.65	-2.52	-2.71	-2.67	-2.68	-2.78
Gain (dBi)	2.15	2.25	2.15	2.30	2.14	2.13	2.15	2.10	2.22	2.17	2.24
Efficiency (%)	50.18	53.50	55.09	55.25	54.18	54.31	55.89	53.51	54.03	53.91	52.70

*Antenna
Radiation
Pattern
VS
Gain*



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