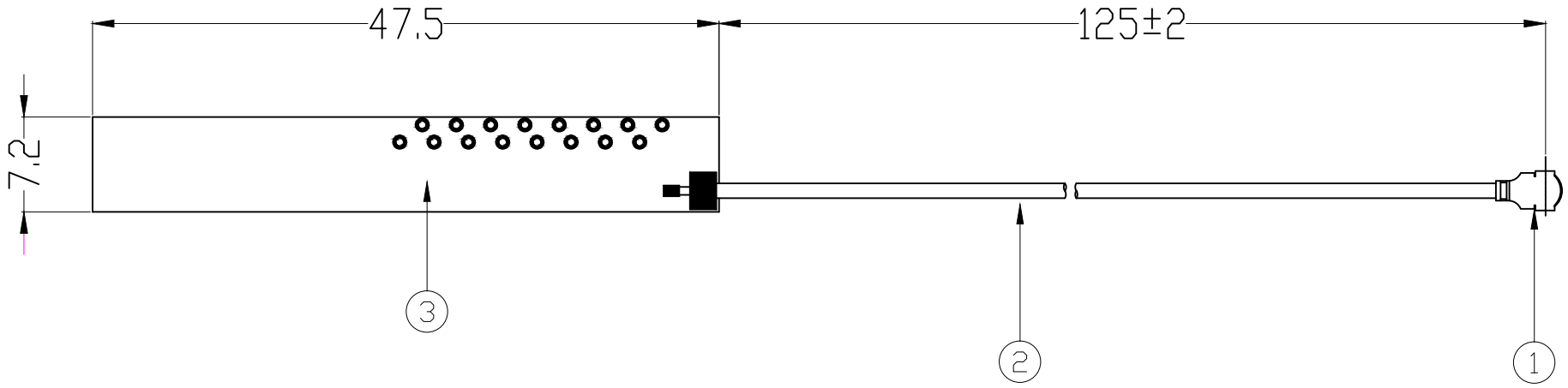
Test Reports

Electrical Properties	
Frequency	2.4GHz
Impedance	50 0hm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.7dBi
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 // 125 mm
Operating Temp.	-10 ~ +60 ˚C
Storage Temp.	-10 ~ +70 ˚C

SIGN	DATE	DESCRIPTION	APPROVER
B			
C			
D			



Note:

1.Take" ＊ "is the important dimension.

2.Tolerance:Unmarked tolerance refer to the standard tolerance please.

3.Pull Strength of the connector must be >/=1.0kg.

4.Note Connector orientation.

No.	Part Number	Name	Material	Q'ty
4	NB004-A02	Paster	SONY-G9000	1
3	NB004-A01	PCB	PCB 47.5*7.2*T0.6mm	1
2	R-CB-113B	Coaxial Cable	SHOWA-O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1

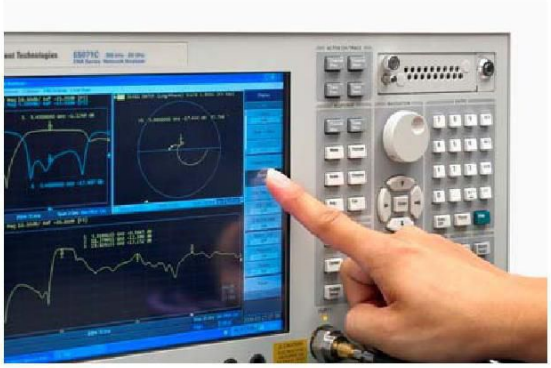
Dongguan Chuangjie Electronics Co., LTD
Tel :86-0769-33691210
Fax:86-0769-82381572

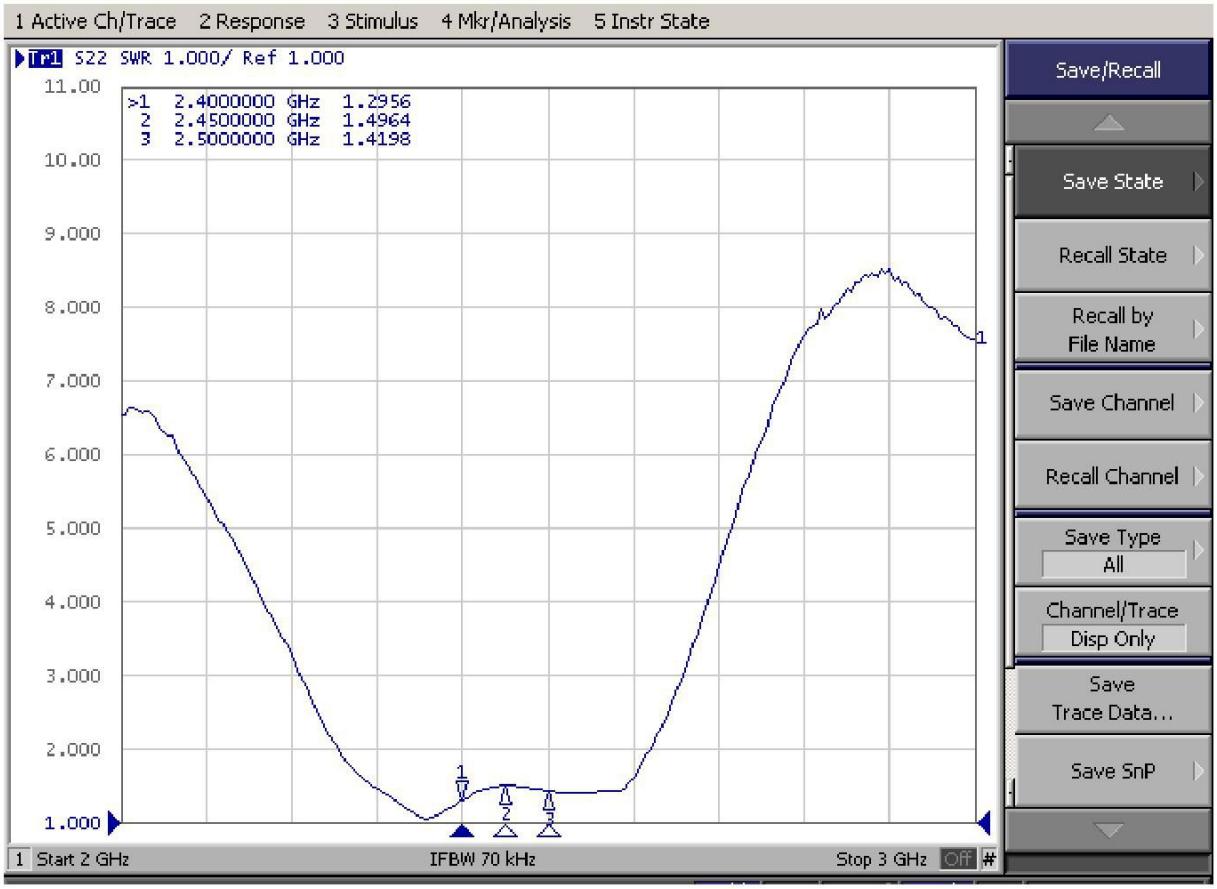
TITLE: 2.4GHz Antenna

PART NO.: NB004-113B-125IX | DWG NAME: NB004-113B-125IX.DWG

APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
jeff 2014-10-08	leon 2014-10-08	YD 2014-10-08	UNITS: mm SCALE: 1/1 REVISION: A	X.X Ñ0.20 X.XX Ñ0.10 XÁ ÑßÁ

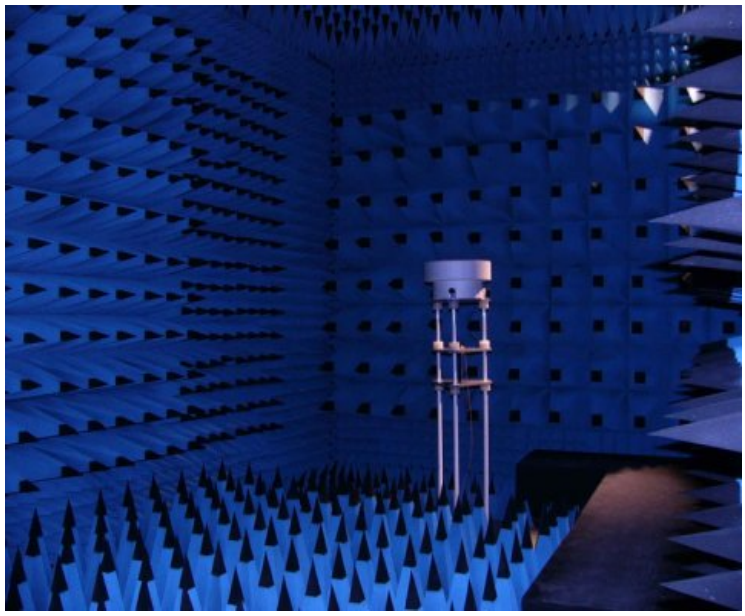
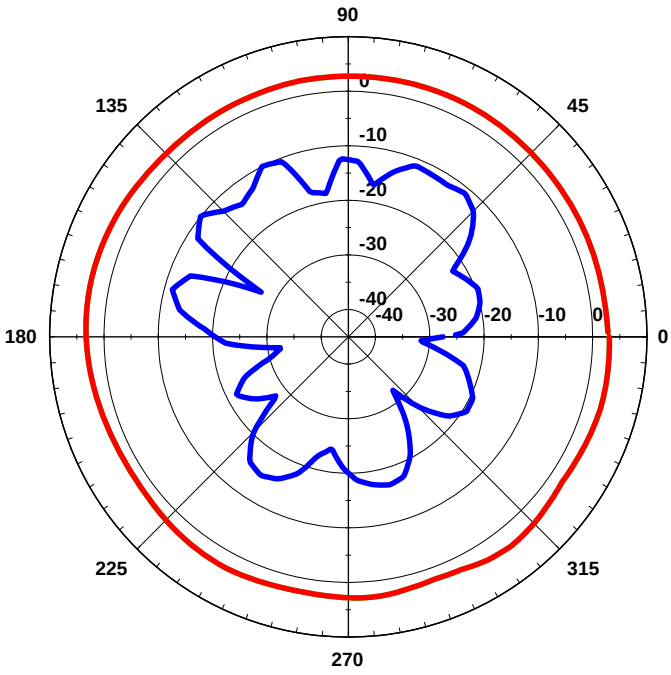
S 参数测试
S Parameter Test

Agilent E5071C	



ADD：东莞市虎门镇大宁麒麟东路6号 Tel:15818375487

增 益 测 试
Gain Test

Antenna Radiation Pattern VS Gain	
	

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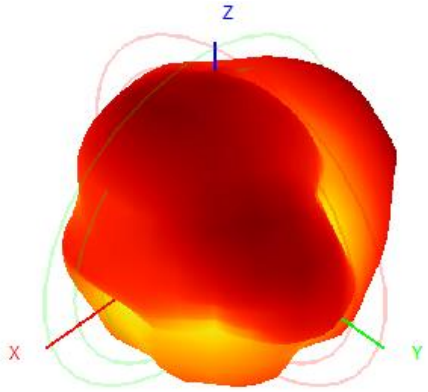
Efficiencyand Gain

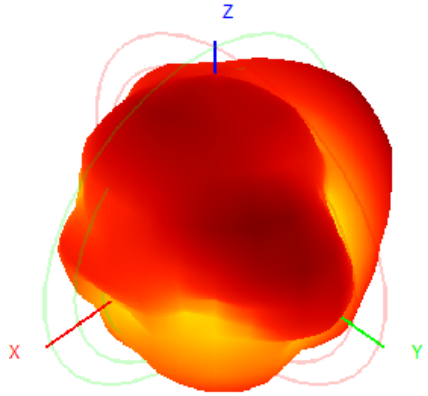
Frequency/Mhz	MaxGain/dBi	Efficiency / %
1561	0.21	46.21
1575	0.07	44.34
1602	-0.19	40.57
2400	3.12	52.24
2450	3.63	50.35
2500	3.7	54.33
5150	2.68	51.88
5510	4.21	52.48
5850	3.6	45.92

Radiation Pattern

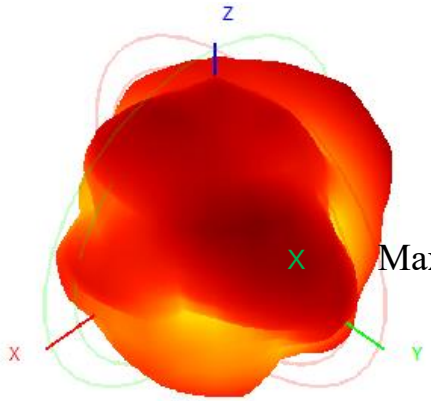
5-1 Antenna 3D Radiation Pattern



2400MHz



2450MHZ



Max. Gain： 3.7dBi

2500MHZ