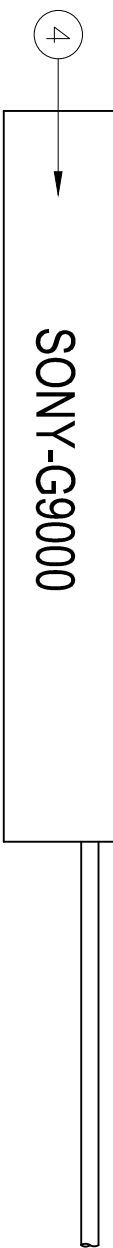
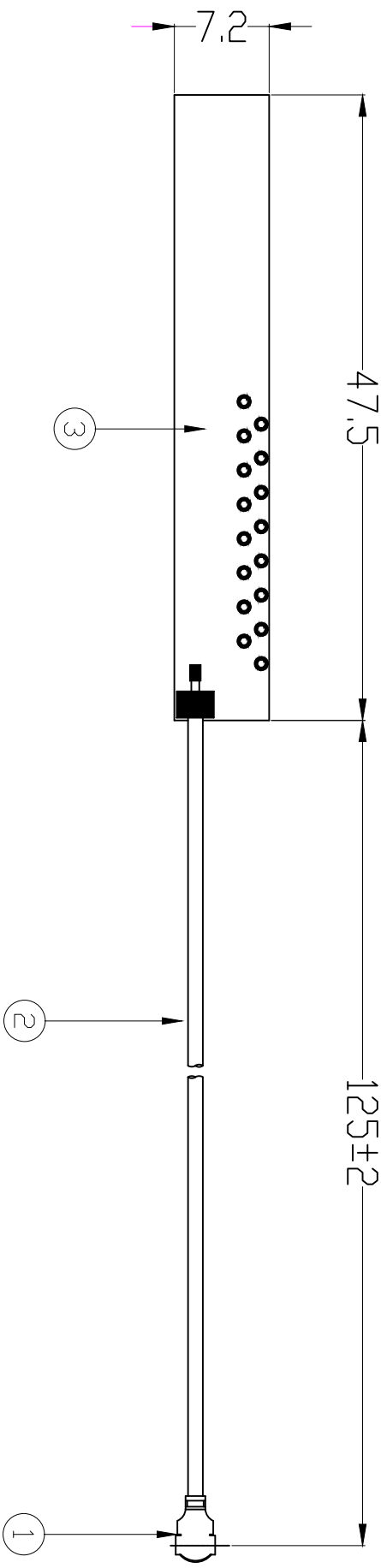


Test Reports

Electrical Properties	
Frequency	2.4GHz
Impedance	50 Ohm 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
△			
△			
△			



- 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.

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

Dongguan Chuangjie Electronics Co., LTD

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

TITLE: 2.4GHz Antenna

PART NO.: NB004-113B-125IX

DWG NAME: NB004-113B-125IX.DWG

APPROVED BY

2014-10-08

jeff

CHECKED BY

2014-10-08

leon

DESIGNED BY

2014-10-08

YD

UNITS: mm

SCALE: 1/1

REVISION: A

Tolerance

X.X NO.20

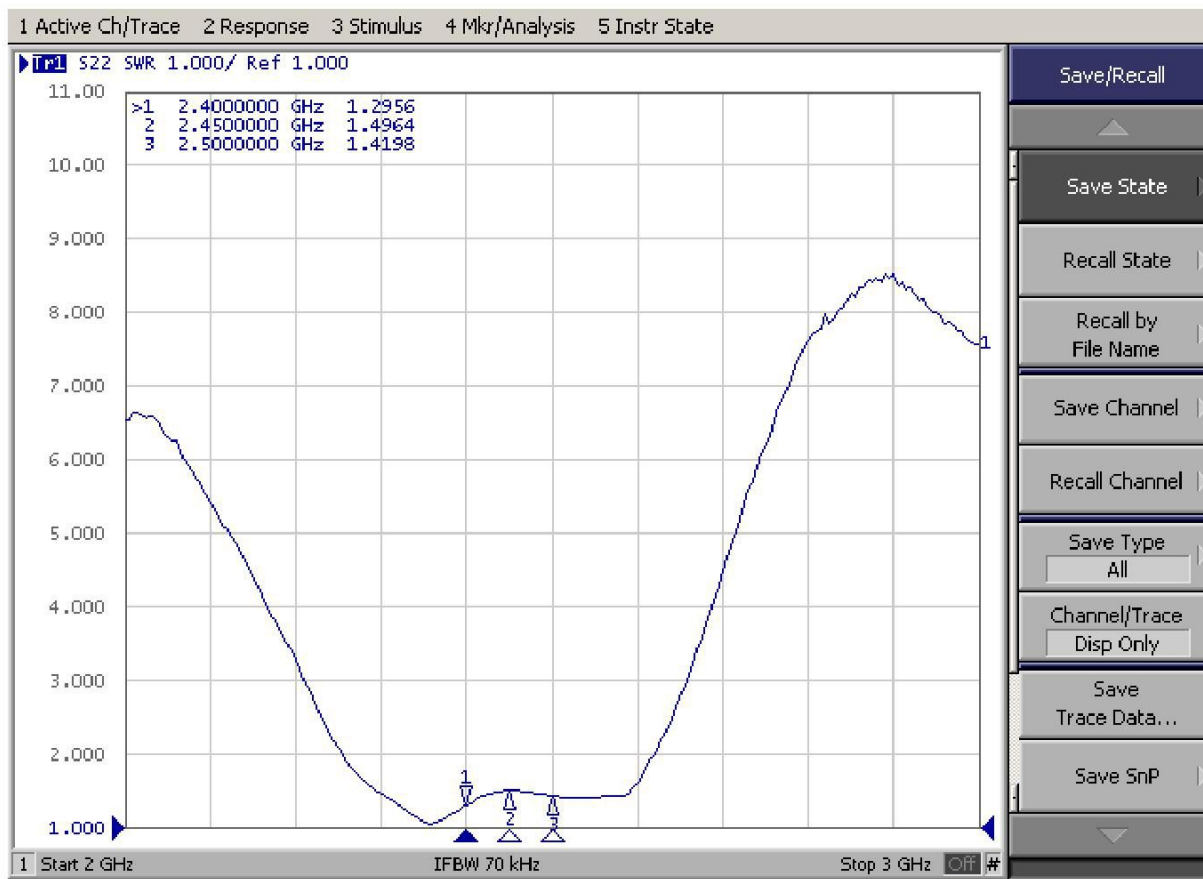
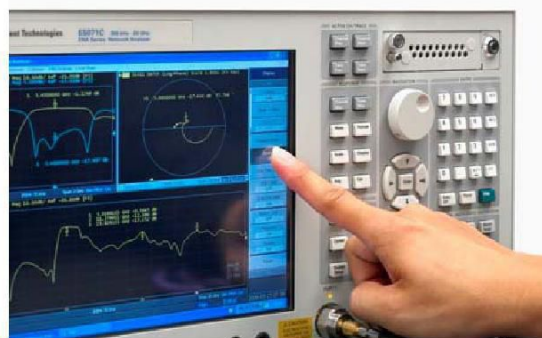
X.XX NO.10

XA NBA

S 参数测试

S Parameter Test

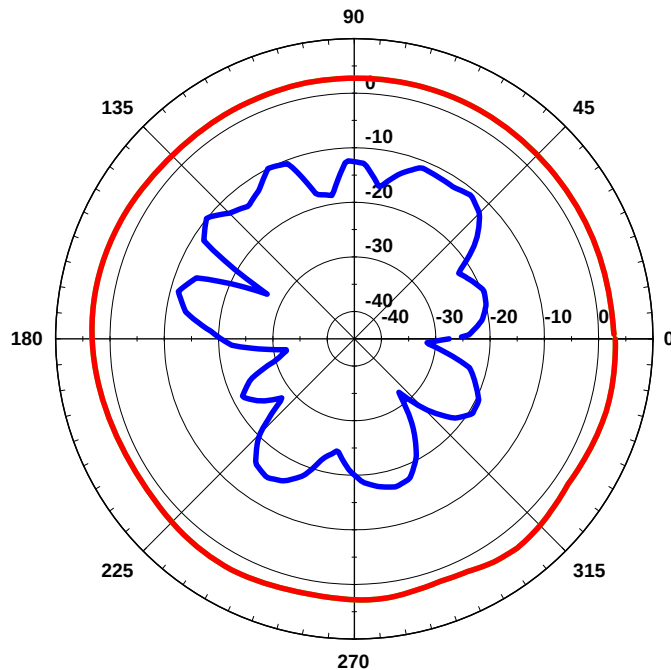
Agilent E5071C



增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

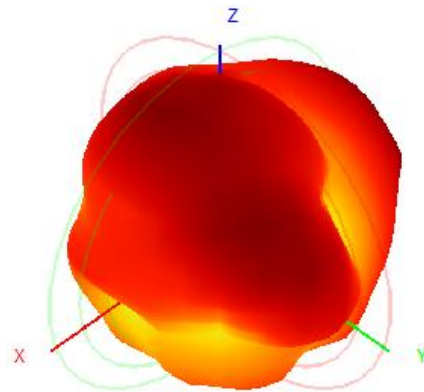


Efficiency and Gain

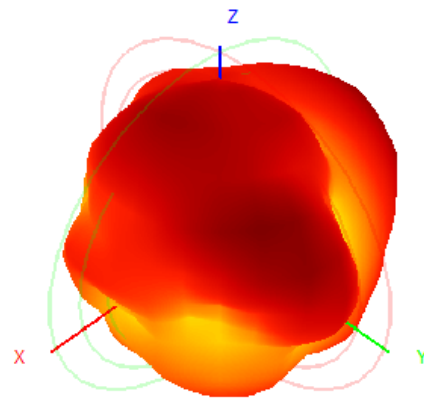
Frequency/Mhz	MaxGain/dBi	Efficiency / %
1561	0.21	46.21
1575	0.07	44.34
1602	-0.19	40.57
2400	3.12	52.24
2450	3.63	50.35
2500	3.7	54.33
5150	2.68	51.88
5510	4.21	52.48
5850	3.6	45.92

Radiation Pattern

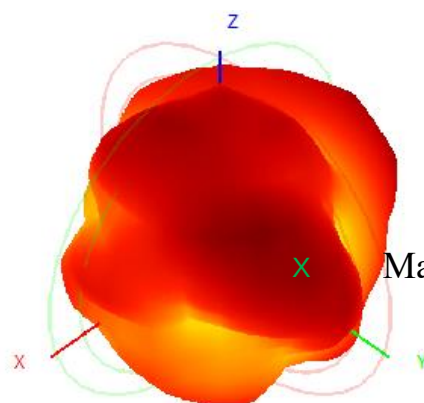
5-1 Antenna 3D Radiation Pattern



2400MHz



2450MHZ



Max. Gain: 3.7dBi

2500MHZ