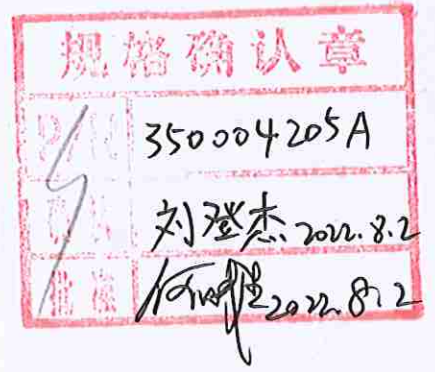


“-0.1*”为重要参数,尺寸
 来料符合“RoHS”
 Base on: AVL & Partlist



承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	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	-	-	-

东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

Vendor



电性测试报告

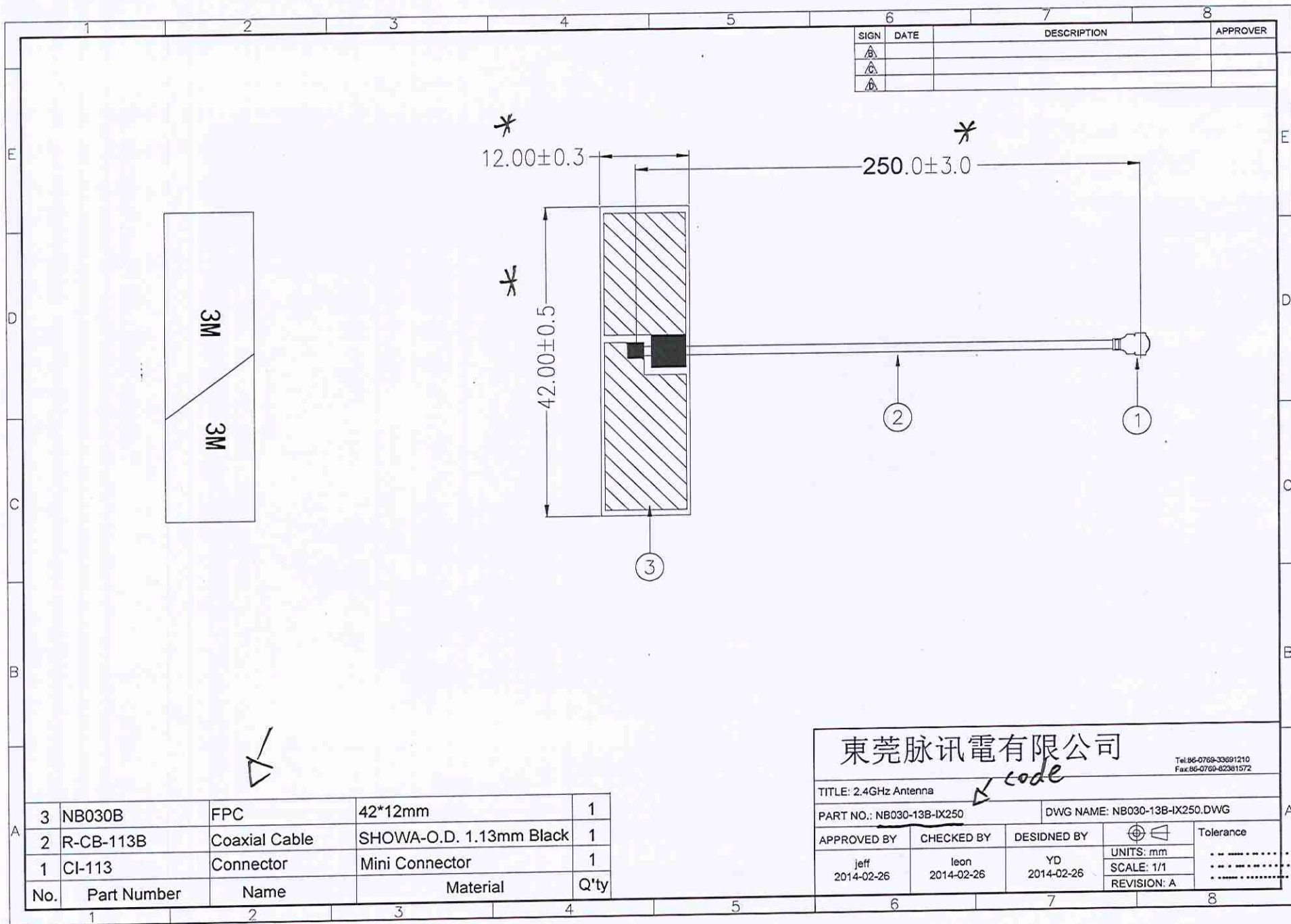
Test Reports

Electrical Properties	
Frequency	2400MHz-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	4dBi
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 // 250 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
<u>Cable Color</u>	<u>Black</u>

东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

2/5



SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

No.	Part Number	Name	Material	Q'ty
3	NB030B	FPC	42*12mm	1
2	R-CB-113B	Coaxial Cable	SHOWA-O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1

東莞脉讯電有限公司

Tel:86-0769-33691210
Fax:86-0769-82381572

TITLE: 2.4GHz Antenna *code*

PART NO.: NB030-13B-IX250 DWG NAME: NB030-13B-IX250.DWG

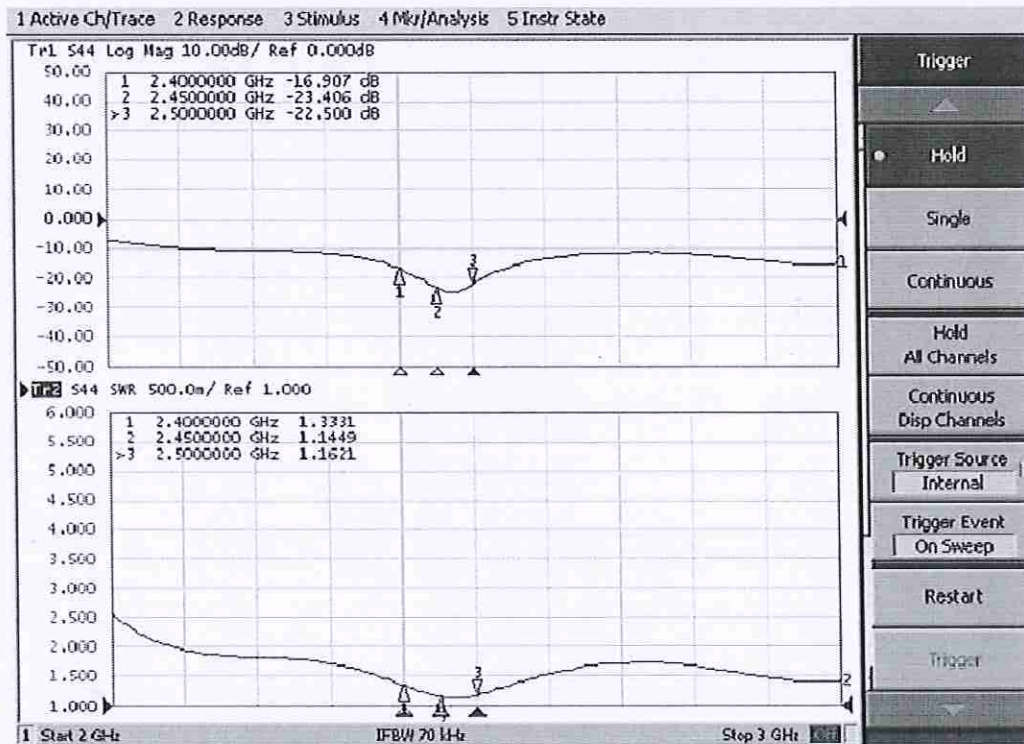
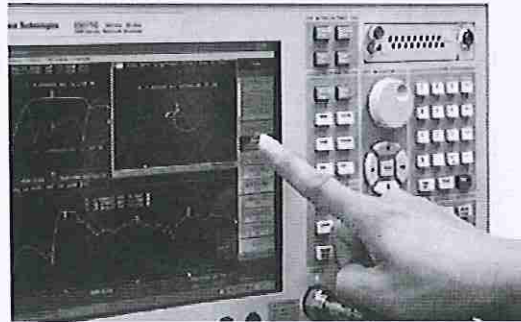
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance
jeff 2014-02-26	leon 2014-02-26	YD 2014-02-26	
UNITS: mm SCALE: 1/1 REVISION: A			

3/5

S 参数测试

S Parameter Test

Agilent E5071C



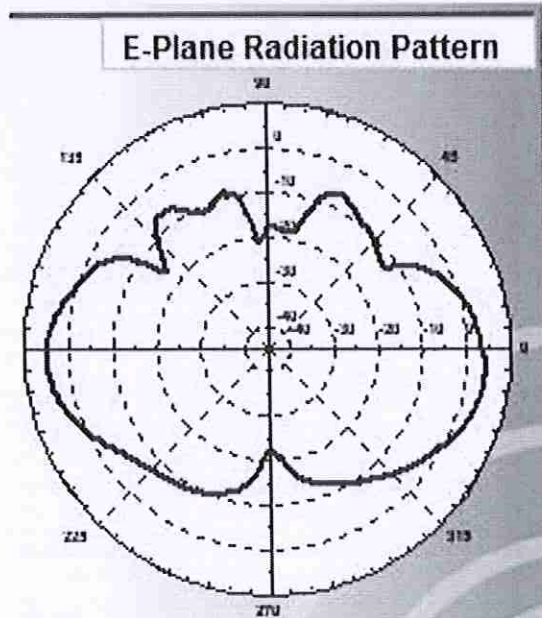
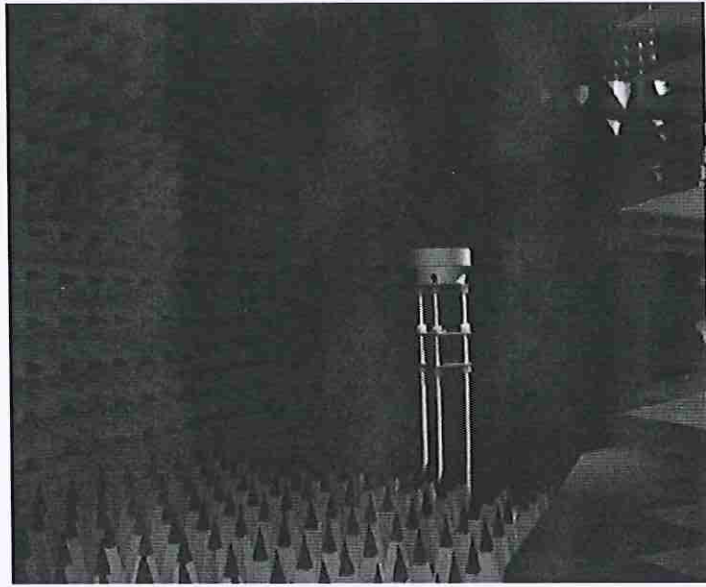
东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



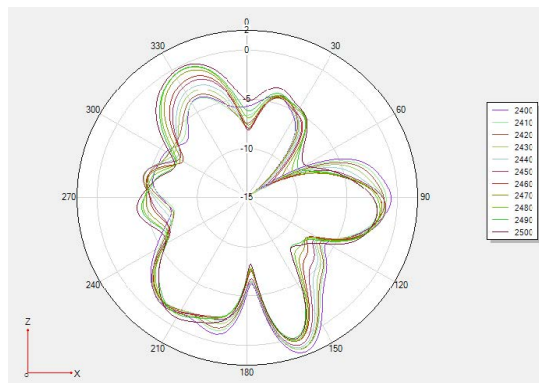
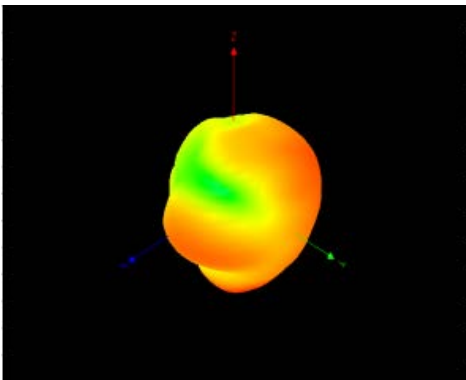
东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

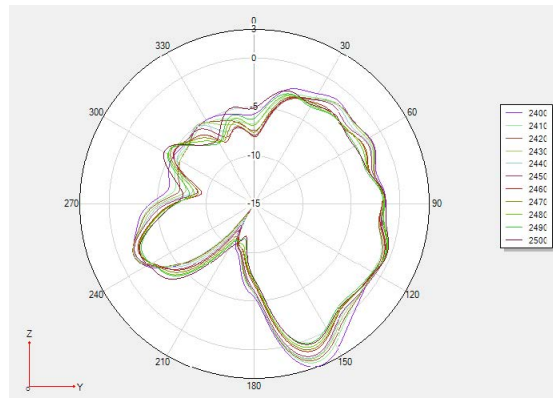
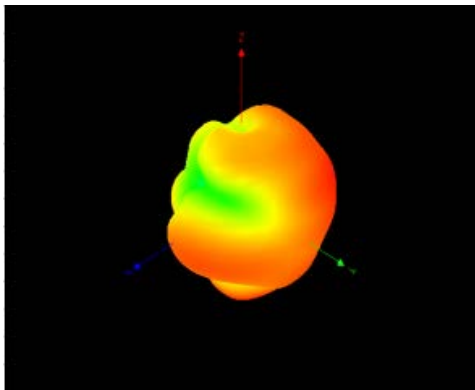
Efficiency and Gain

Frequency (MHz)	Efficiency (%)	Peak Gain / dB
2400	50.6	2.57
2450	54.2	3.65
2500	52.8	4.00

2D/3D Field map 2400MHz



2450MHz



2500MHz

