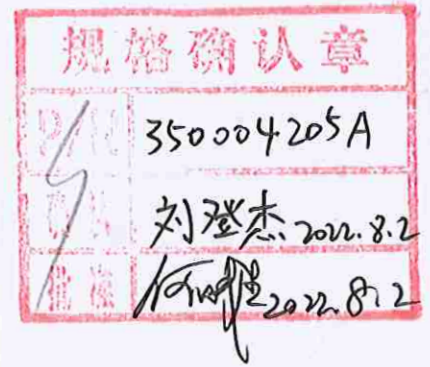


“D1\*”为重要参数,尺寸  
来料符合“RoHS”  
Base on: AVL & Partlist

# 承认书项目表



Manufacturer: Dongguan Maixun Electronics Co., Ltd

| NO. | 内 容<br>(Contents)      | 页数<br>(Number<br>of Page) | 页码<br>(Page<br>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  | -                      | -                         | -                    |

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Vendor



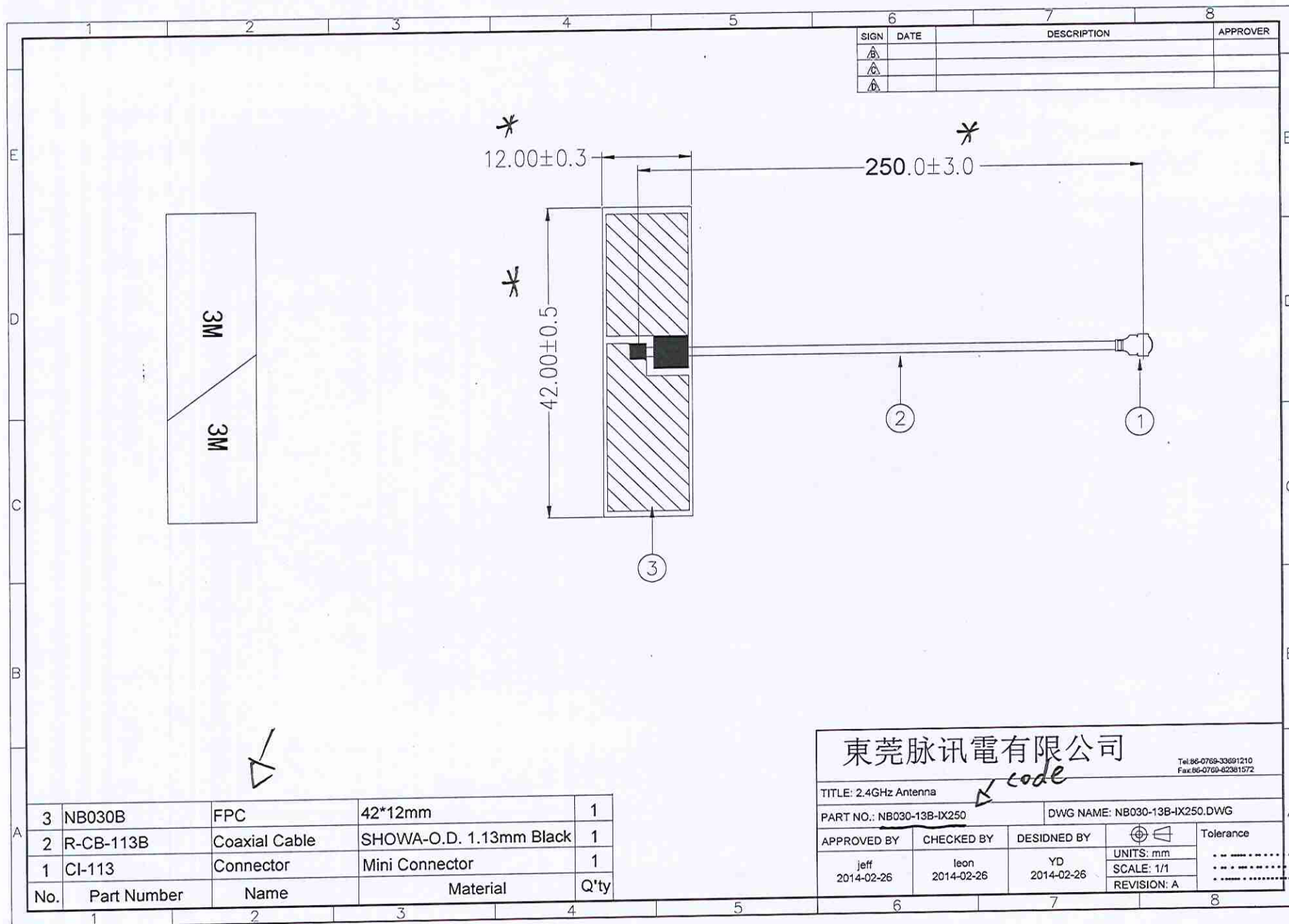
# 电性测试报告

## 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>              |

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| SIGN | DATE | DESCRIPTION | APPROVER |
|------|------|-------------|----------|
| △    |      |             |          |
| △    |      |             |          |
| △    |      |             |          |

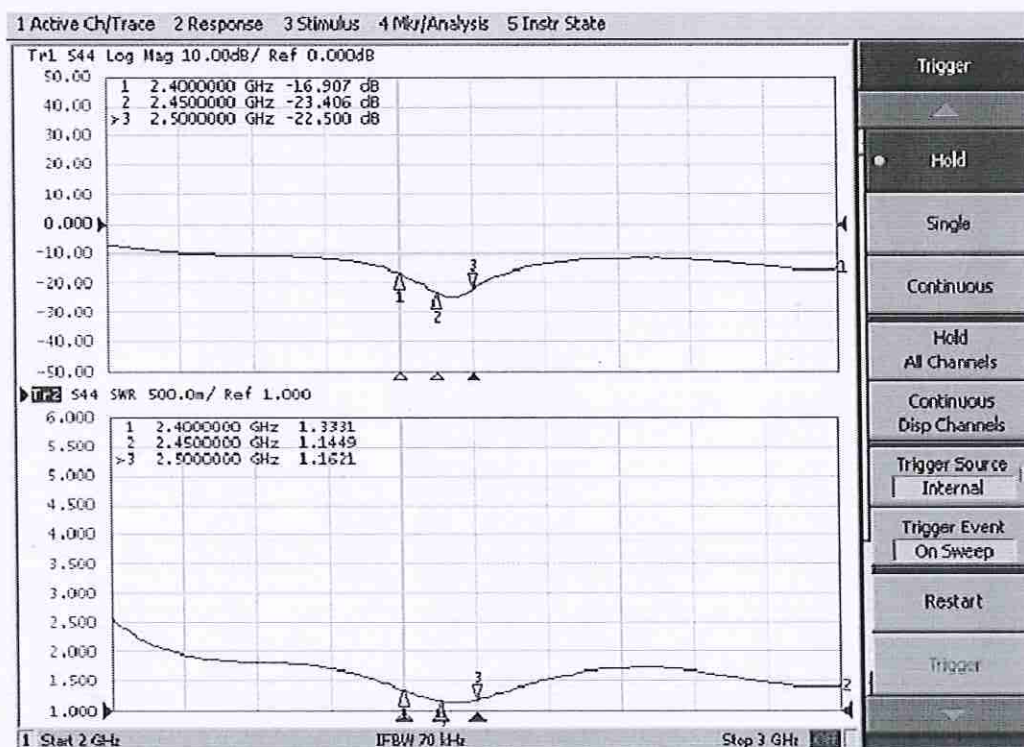
| 3   | NB030B      | FPC           | 42*12mm                 | 1    |
|-----|-------------|---------------|-------------------------|------|
| 2   | R-CB-113B   | Coaxial Cable | SHOWA-O.D. 1.13mm Black | 1    |
| 1   | CI-113      | Connector     | Mini Connector          | 1    |
| No. | Part Number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

|                                                                  |                    |                  |                                        |                         |
|------------------------------------------------------------------|--------------------|------------------|----------------------------------------|-------------------------|
| <b>東莞脉讯電有限公司</b><br>Tel:86-0769-33691210<br>Fax:86-0769-82381572 |                    |                  |                                        |                         |
| TITLE: 2.4GHz Antenna                                            |                    |                  |                                        |                         |
| PART NO.: NB030-13B-IX250                                        |                    |                  | DWG NAME: NB030-13B-IX250.DWG          |                         |
| APPROVED BY                                                      | CHECKED BY         | DESIGNED BY      |                                        | Tolerance               |
| jeff<br>2014-02-26                                               | leon<br>2014-02-26 | YD<br>2014-02-26 | UNITS: mm<br>SCALE: 1/1<br>REVISION: A | .....<br>.....<br>..... |

# S 参数测试

## S Parameter Test

*Agilent E5071C*



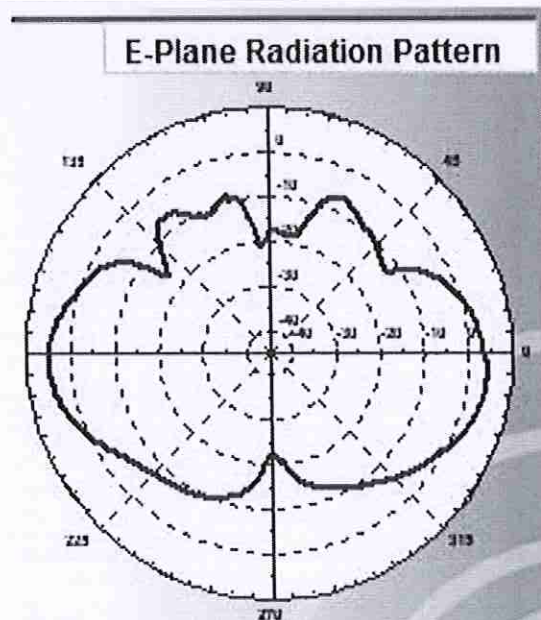
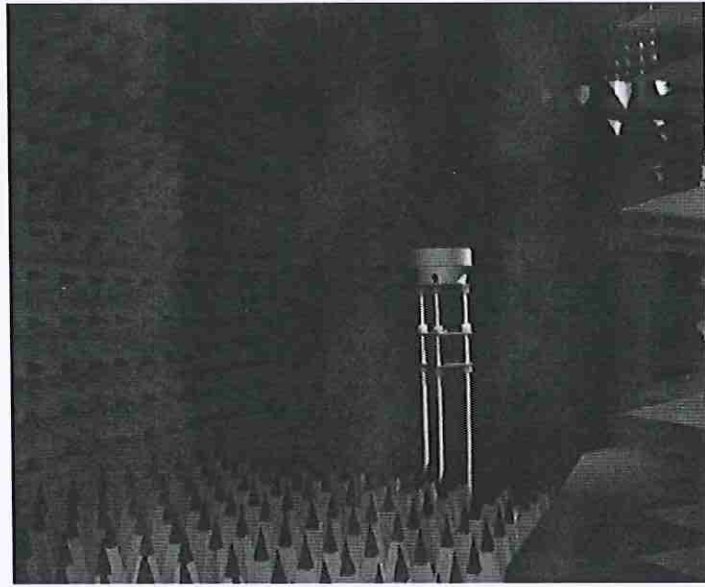
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# 增益测试

## Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*



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