

# 承认书项目表

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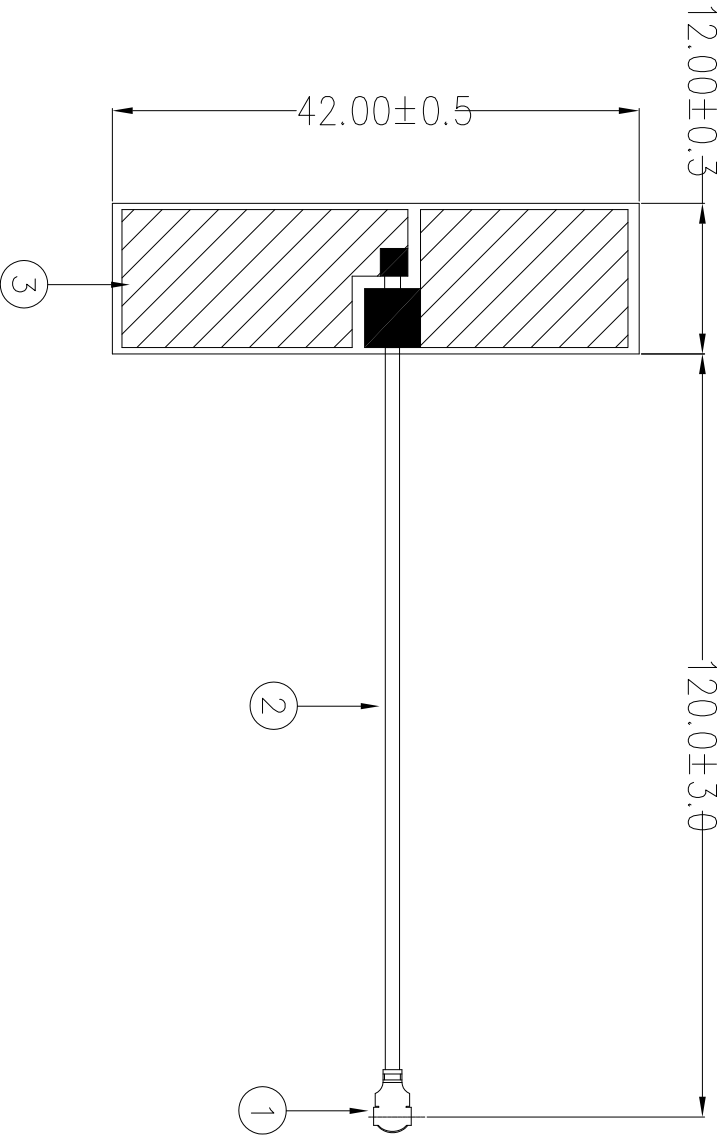
Manufacturer :Shenzhen Laservii Technology Co.,Ltd.  
Address:201,Nankeng Second industrial Zone, Nankeng Community,  
Bantian Street, Longgang District.Shenzhen, China

# 电 性 测 试 报 告

## 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)           | 3dBi                      |
| 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.       | -40 ~ +85 °C              |
| Storage Temp.         | -40 ~ +85 °C              |
| Cable Color           | Black                     |

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



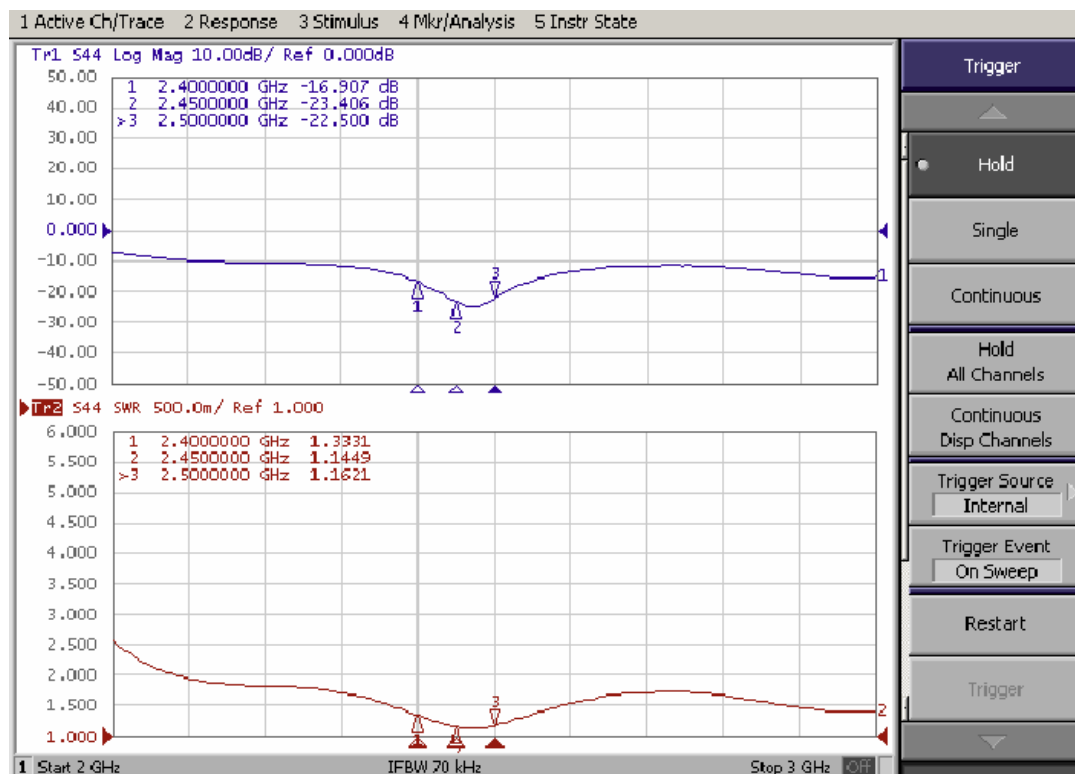
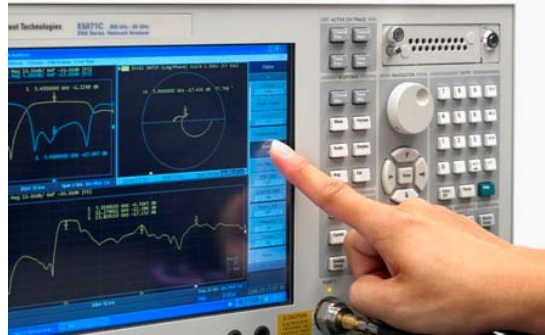
|     |             |               |                         |      |
|-----|-------------|---------------|-------------------------|------|
| 3   | NB030B      | FPC           | 42*12mm                 | 1    |
| 2   | R-CB-113B   | Coaxial Cable | SHOWA-O.D. 1.13mm Black | 1    |
| 1   | Cl-113  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

|                           |                    |                               |             |            |
|---------------------------|--------------------|-------------------------------|-------------|------------|
| TITLE: 2.4GHz Antenna     |                    |                               |             |            |
| PART NO.: NB030-13B-IX130 |                    | DWG NAME: NB030-13B-IX130.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   | X.X ±0.20  |
|                           |                    |                               | SCALE: 1/1  | X.XX ±0.10 |
|                           |                    |                               | REVISION: A | X° ±3°     |

# S 参数测试

## S Parameter Test

*Agilent E5071C*



# 增益测试

## Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*

