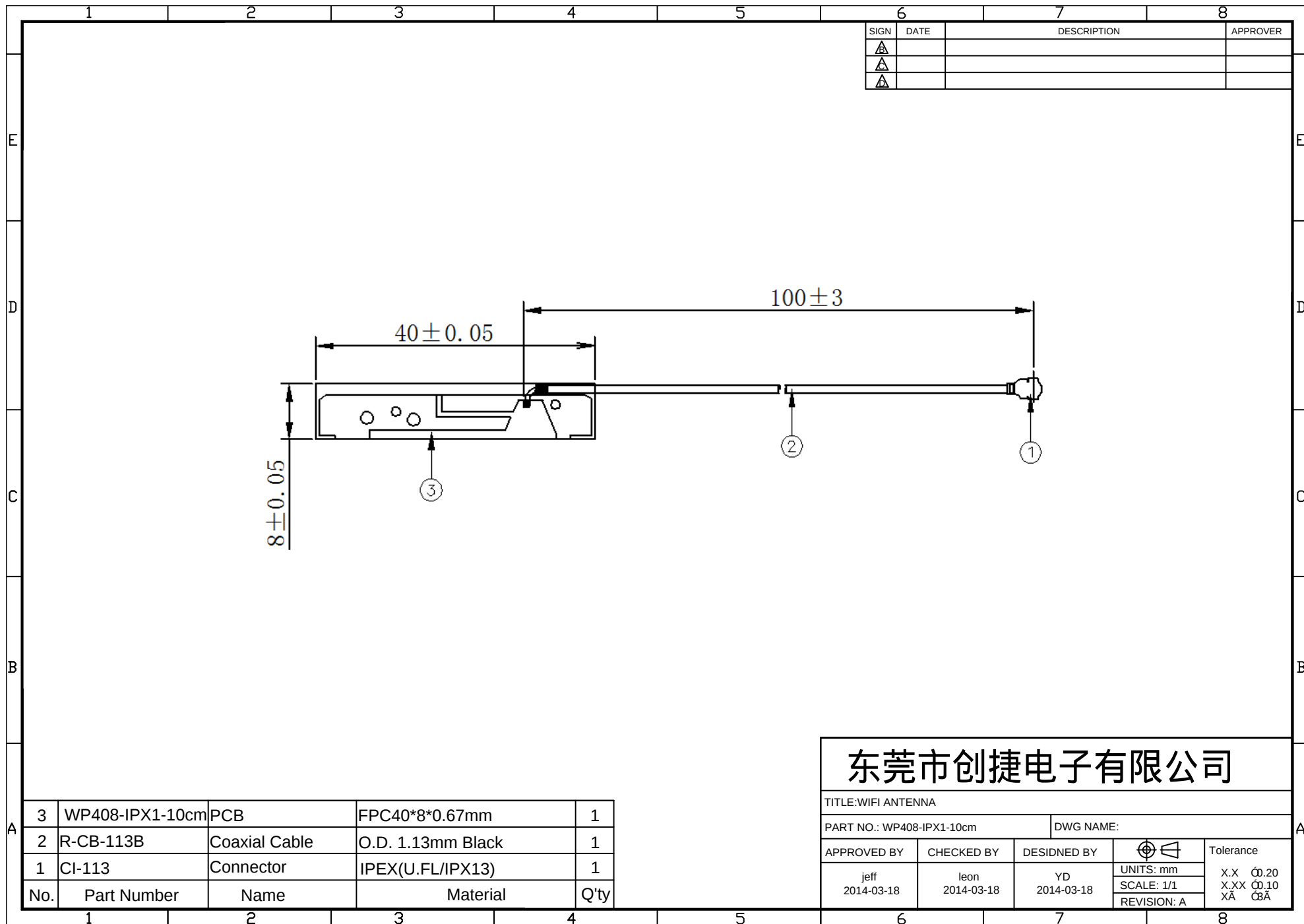


# 承认书项目表

| 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  | -                      | -                         | -                    |



# 电性测试报告

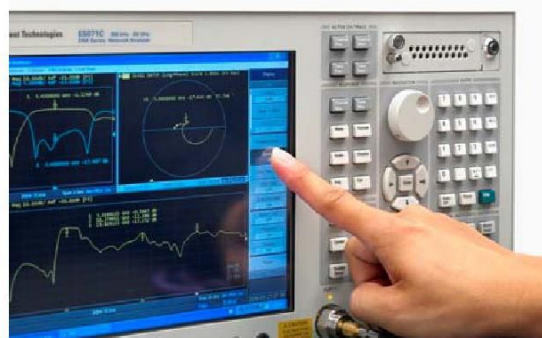
## Test Reports

| Electrical Properties |                          |
|-----------------------|--------------------------|
| Frequency             | 2.4~2.5GHz 4.9~5.9GHz    |
| Impedance             | 50 Ohm Nominal           |
| V.S.W.R               | 1.92 : 1 Max             |
| Return Loss           | -10 dB Max               |
| Radiation             | Omni-directional         |
| Gain (Peak)           | 5.0 dB                   |
| Cable Loss            | 1.5dB / m Max @ 2450 MHz |
| Polarization          | Linear, Vertical         |
| Admitted Power        | 1 W                      |
| Connector             | ipex                     |
| Physical Properties   |                          |
| Antenna Material      | pcb                      |
| Cable Type            | O.D. 1.13mm // 105 mm    |
| Operating Temp.       | -10 ~ +60 °C             |
| Storage Temp.         | -10 ~ +70 °C             |
| Cable Color           | Black                    |

# S 参数测试

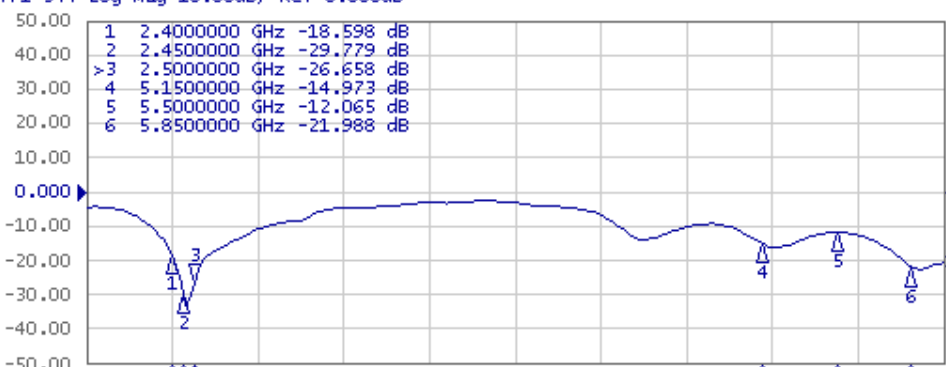
## S Parameter Test

*Agilent E5071C*

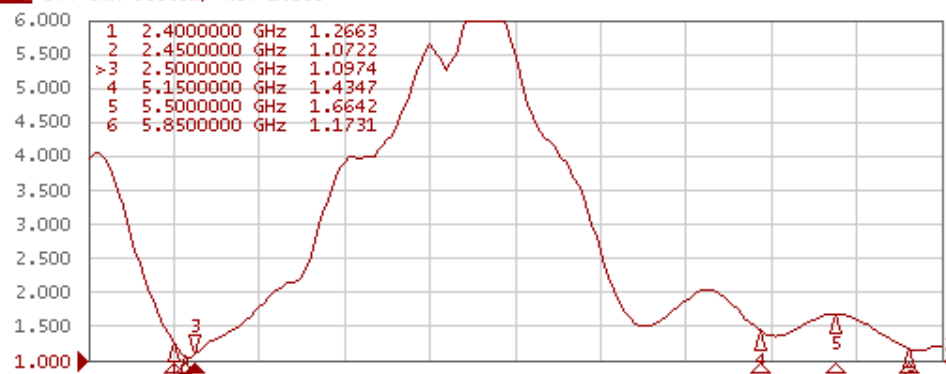


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S44 Log Mag 10.00dB/ Ref 0.000dB



Tr2 S44 SWR 500.0m/ Ref 1.000



1 Start 2 GHz

IFBW 70 kHz

Stop 6 GHz

Off

Hold Stop ExtRef Ready Svc 2013-08-06 10:07

Trigger

Hold

Single

Continuous

Hold

All Channels

Continuous

Disp Channels

Trigger Source

Internal

Trigger Event

On Sweep

Trigger Scope

All Channel

Restart

# 增益测试

## Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*

