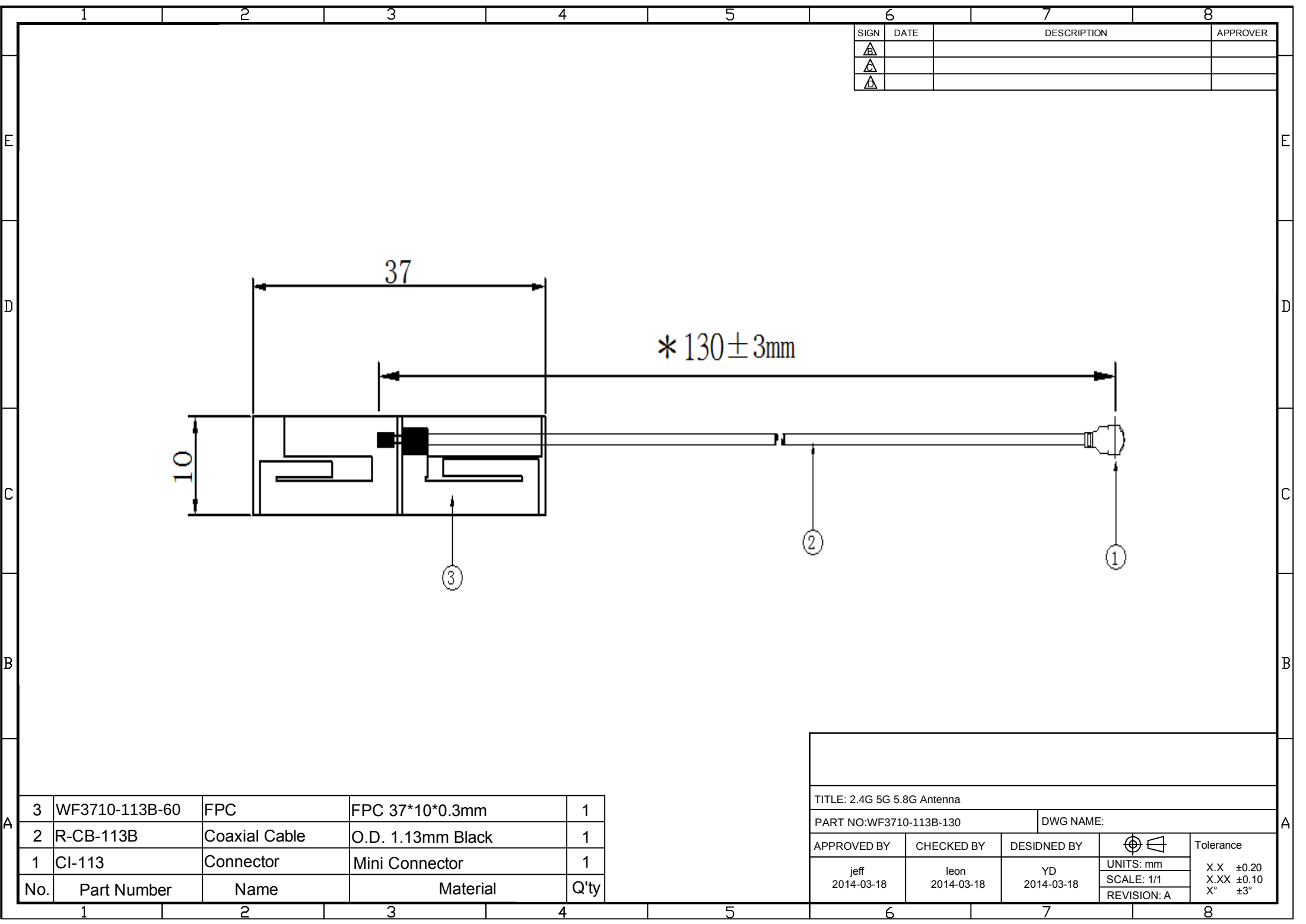


Manufacturer:Guangdong BiLight Intelligent Manufacturing Technology Co.,Ltd.  
Address:7th Floor, Building 3, Phase 1, SciPolis, No. 4, Xinxu Road, Songshan  
Lake, Dongguan, Guangdong Province, China.

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| 12  | -                      | -                         | -                    |



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

| 3   | WF3710-113B-60 | FPC           | FPC 37*10*0.3mm   | 1    |
|-----|----------------|---------------|-------------------|------|
| 2   | R-CB-113B      | Coaxial Cable | O.D. 1.13mm Black | 1    |
| 1   | CI-113         | Connector     | Mini Connector    | 1    |
| No. | Part Number    | Name          | Material          | Q'ty |

|                             |                    |                  |             |
|-----------------------------|--------------------|------------------|-------------|
| TITLE: 2.4G 5G 5.8G Antenna |                    |                  |             |
| PART NO:WF3710-113B-130     |                    |                  | DWG NAME:   |
| APPROVED BY                 | CHECKED BY         | DESIGNED BY      |             |
| jeff<br>2014-03-18          | leon<br>2014-03-18 | YD<br>2014-03-18 | UNITS: mm   |
|                             |                    |                  | SCALE: 1/1  |
|                             |                    |                  | REVISION: A |
|                             |                    |                  | Tolerance   |
|                             |                    |                  | X.X ±0.20   |
|                             |                    |                  | X.XX ±0.10  |
|                             |                    |                  | X° ±3°      |

# 电性测试报告

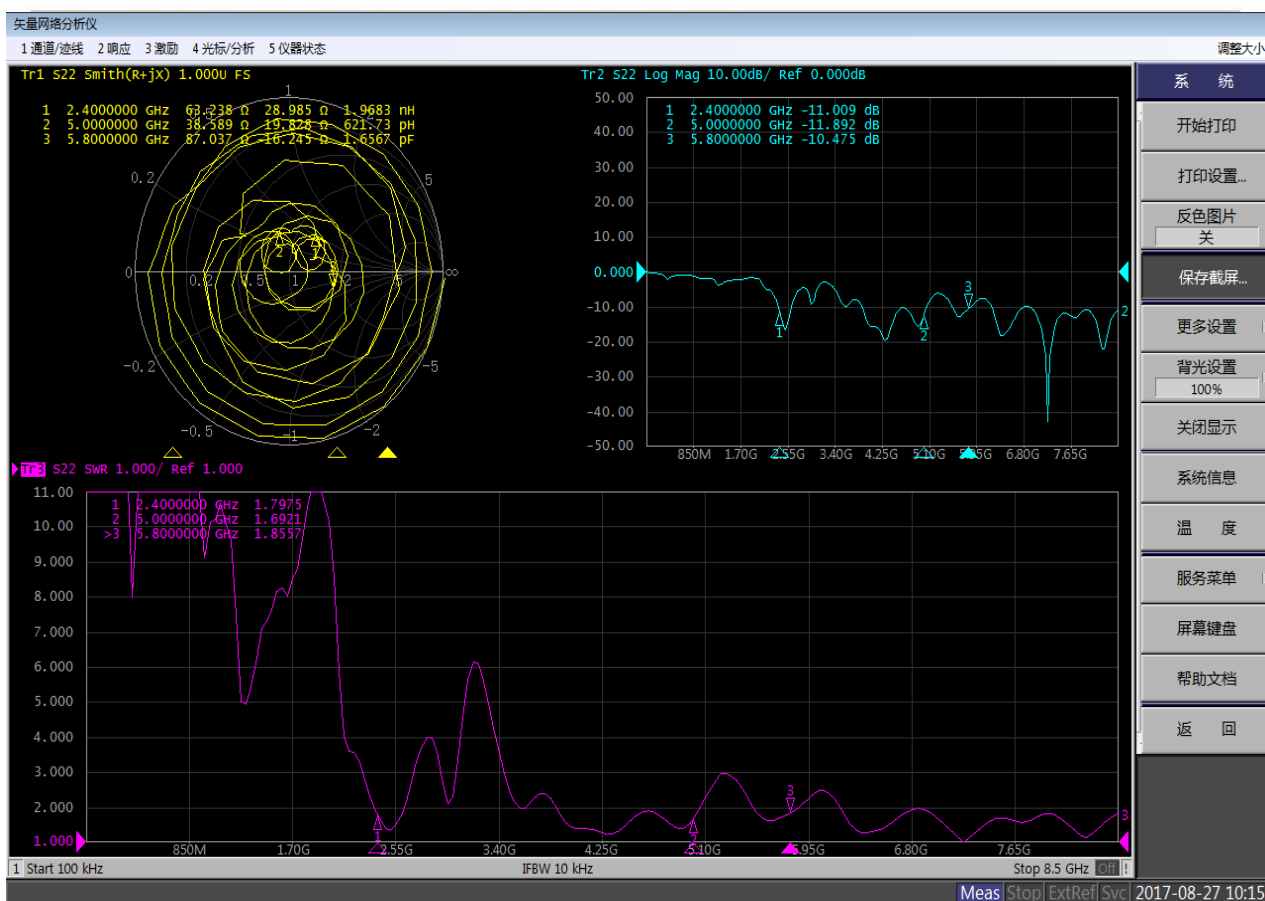
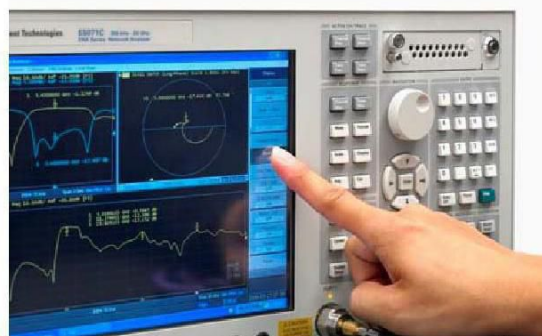
## Test Reports

|                                                                                   |                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|
| Sample Photo                                                                      |                                                              |
|  |                                                              |
| A. Electrical Characteristics                                                     |                                                              |
| Frequency                                                                         | 2400 ~ 2500 MHz<br>4900 ~ 5900 MHz                           |
| Gain (Peak)                                                                       | 5dBi                                                         |
| S.W.R.                                                                            | $\leq 2.0$ @ 2400 ~ 2500 MHz<br>$\leq 2.0$ @ 4900 ~ 5900 MHz |
| Impedance                                                                         | 50 Ohm Nominal                                               |
| Return Loss                                                                       | -10 dB Max                                                   |
| Radiation                                                                         | Omni-directional                                             |
| Cable Loss                                                                        | 2 dB / m Max                                                 |
| Polarization                                                                      | Linear, Vertical                                             |
| Admitted Power                                                                    | 1 W                                                          |
| Connector                                                                         | IPEX                                                         |
| Physical Properties                                                               |                                                              |
| Antenna Material                                                                  | FPC                                                          |
| Cable Type                                                                        | O.D. 1.13mm // 50 mm                                         |
| Operating Temp.                                                                   | -10 ~ +60 °C                                                 |
| Storage Temp.                                                                     | -10 ~ +70 °C                                                 |

# S 参数测试

## S Parameter Test

*Agilent E5071C*



# 增益测试

## Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*

