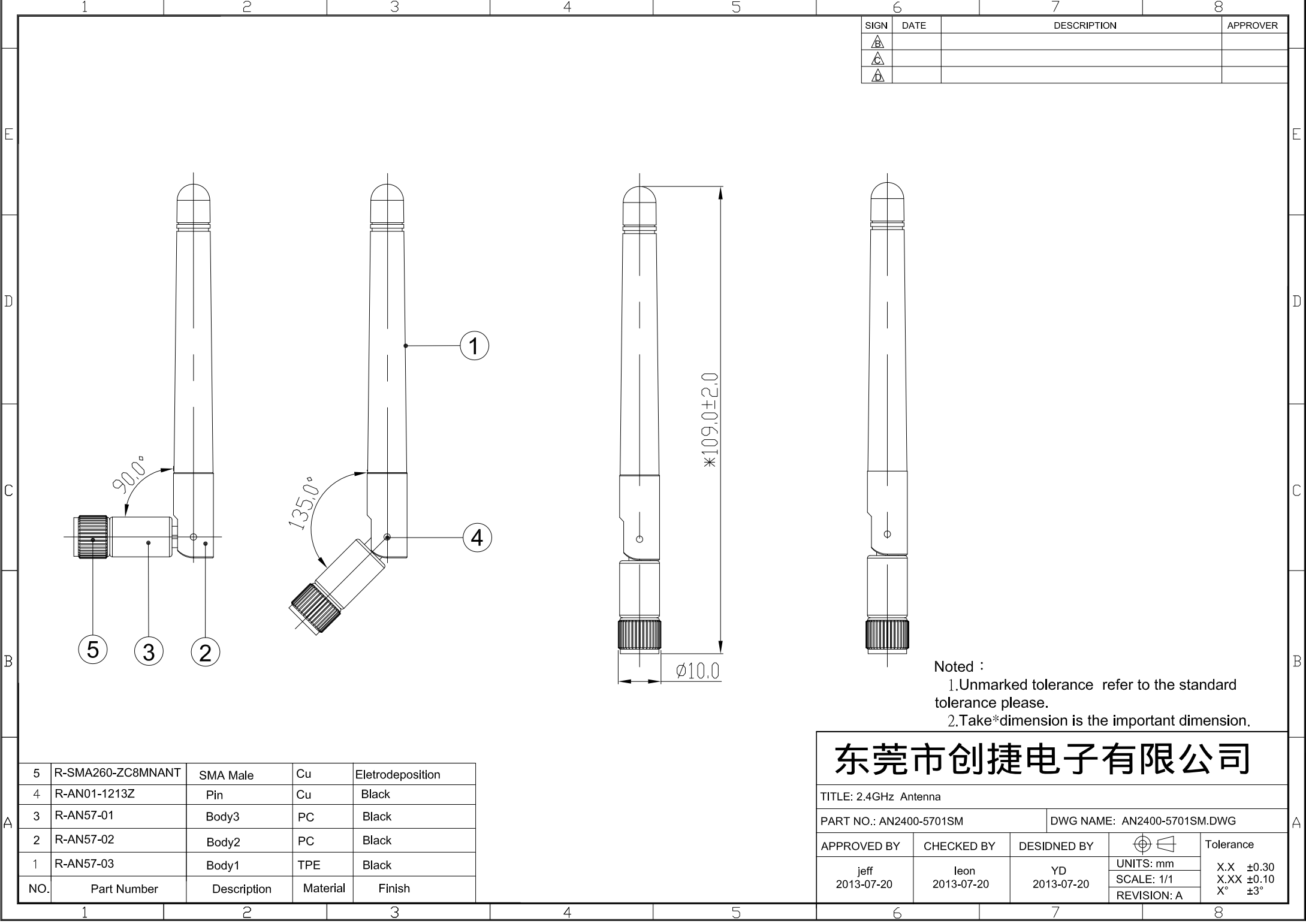


# Dipole Antenna report

Model: AN2400-5701SM

Manufacturer: Dongguan Chuangjie Electronics Co., Ltd.

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

Noted :  
1.Unmarked tolerance refer to the standard tolerance please.  
2.Take\*dimension is the important dimension.

|     |                   |             |          |                   |
|-----|-------------------|-------------|----------|-------------------|
| 5   | R-SMA260-ZC8MNANT | SMA Male    | Cu       | Eleetrodeposition |
| 4   | R-AN01-1213Z      | Pin         | Cu       | Black             |
| 3   | R-AN57-01         | Body3       | PC       | Black             |
| 2   | R-AN57-02         | Body2       | PC       | Black             |
| 1   | R-AN57-03         | Body1       | TPE      | Black             |
| NO. | Part Number       | Description | Material | Finish            |

|                         |                    |                  |                             |            |
|-------------------------|--------------------|------------------|-----------------------------|------------|
| 东莞市创捷电子有限公司             |                    |                  |                             |            |
| TITLE: 2.4GHz Antenna   |                    |                  |                             |            |
| PART NO.: AN2400-5701SM |                    |                  | DWG NAME: AN2400-5701SM.DWG |            |
| APPROVED BY             | CHECKED BY         | DESIGNED BY      |                             | Tolerance  |
| jeff<br>2013-07-20      | leon<br>2013-07-20 | YD<br>2013-07-20 | UNITS: mm                   | X.X ±0.30  |
|                         |                    |                  | SCALE: 1/1                  | X.XX ±0.10 |
|                         |                    |                  | REVISION: A                 | X° ±3°     |

# 电性测试报告

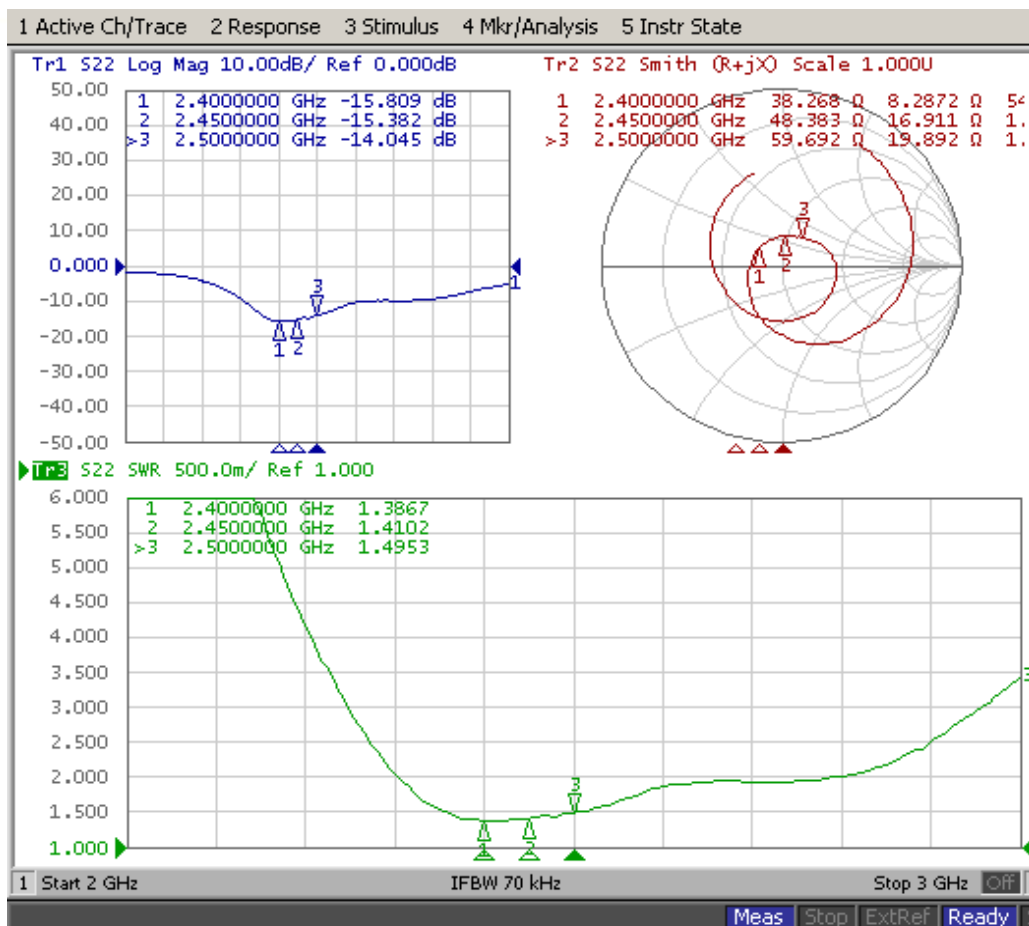
## Test Reports

| Sample Photo                                                                       |                                              |
|------------------------------------------------------------------------------------|----------------------------------------------|
|  |                                              |
| A. Electrical Characteristics                                                      |                                              |
| Frequency                                                                          | 2400 ~ 2500 MHz                              |
| S.W.R.                                                                             | $\leq 2.0$                                   |
| Antenna Gain                                                                       | 3 dBi                                        |
| Polarization                                                                       | Linear                                       |
| Impedance                                                                          | 50 Ohm                                       |
| B. Material & Mechanical Characteristics                                           |                                              |
| Material of Radiator                                                               | Cu                                           |
| Material of Plastic                                                                | Body: TPE<br>Hinge: PA+ABS<br>Holder: PA+ABS |
| Cable Type                                                                         | RG-178                                       |
| Connector Type                                                                     | SMA Male Reverse                             |
| Connector Pull Test                                                                | $\geq 3$ Kg                                  |
| Connector Torque Test                                                              | 200~600g.cm                                  |
| C. Environmental                                                                   |                                              |
| Operation Temperature                                                              | - 40 °C ~ + 65 °C                            |
| Storage Temperature                                                                | - 40 °C ~ + 80 °C                            |

# S 参数测试

## S Parameter Test

*Agilent E5071C*



# 增益测试

## Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*

