

# Antena Test Report



顺达成科技



专业的4G/3G/GPS/WIFI等天线方案设计及供应商

客户名称：致趣

项目名称：SPC

频段：WIFI2.4G/BT

版本：A

制作日期：2023-2-25

# Test system



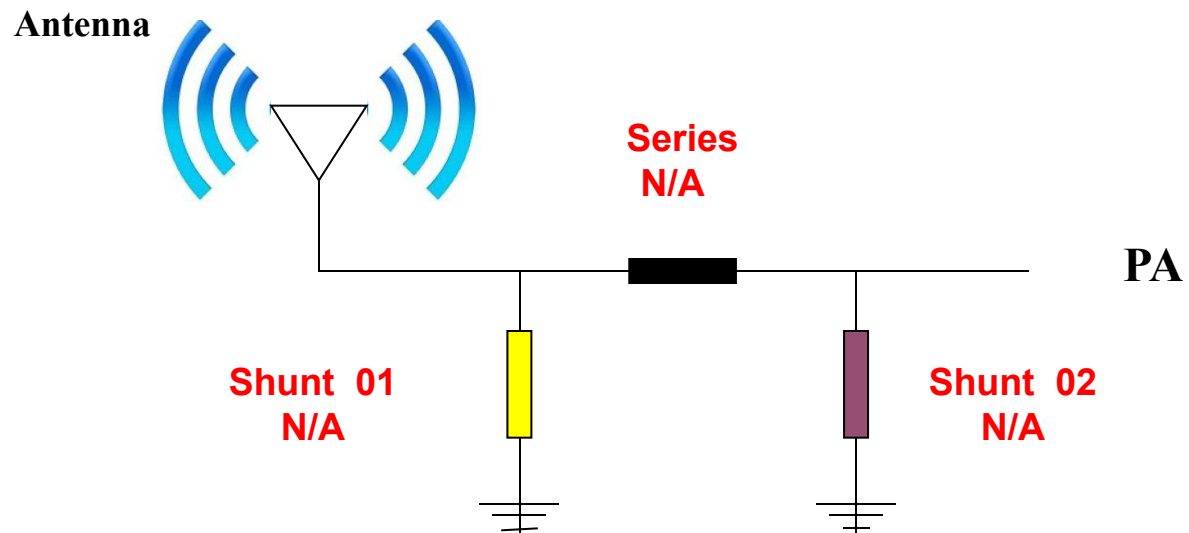
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| Sequence Number   | Test Item         | equipment                                                       |
|-------------------|-------------------|-----------------------------------------------------------------|
| S parameter       | VSWR              | Agilent 5071C & Agilent 5062A                                   |
| OTA Test          | TRP&TIS           | Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270<br>ETS&SATIMO |
| Gain & Efficiency | Gain & Efficiency | ETS&SATIMO<br>Agilent 5071C                                     |



# 主板电路无修改

## Antenna Matching Network

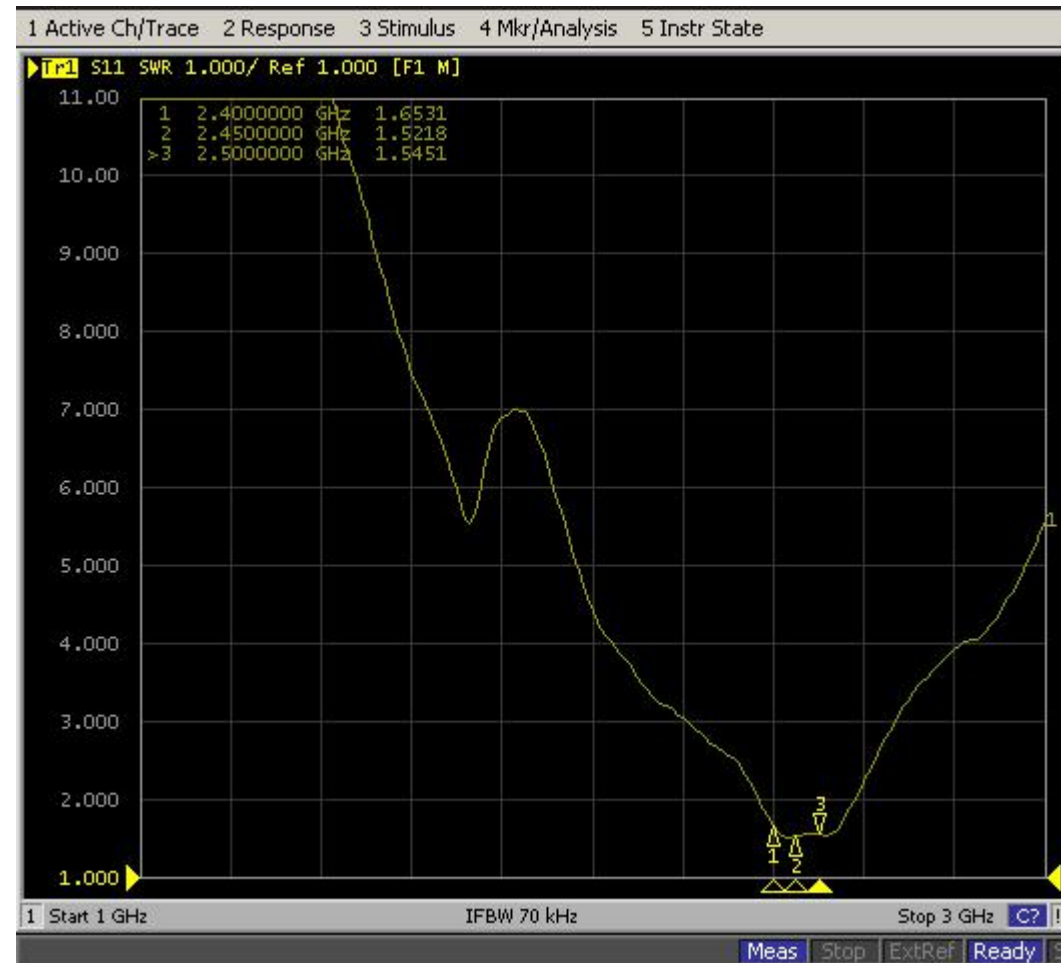


| Location | Description | Vendor |
|----------|-------------|--------|
| Shunt 01 | N/A         | N/A    |
| Series   | N/A         | N/A    |
| Shunt 02 | N/A         | N/A    |

# S11驻波比



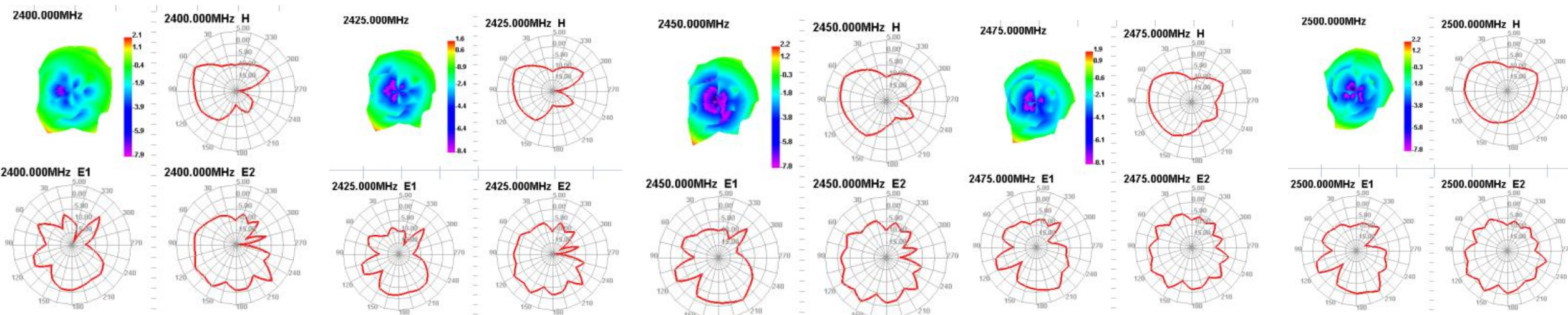
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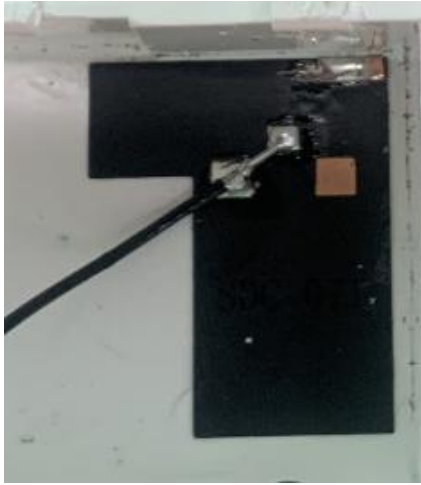
|          |      |      |      |
|----------|------|------|------|
| 频率 (MHZ) | 2400 | 2450 | 2500 |
| 驻波比      | 1.65 | 1.52 | 1.54 |

# 效率和增益

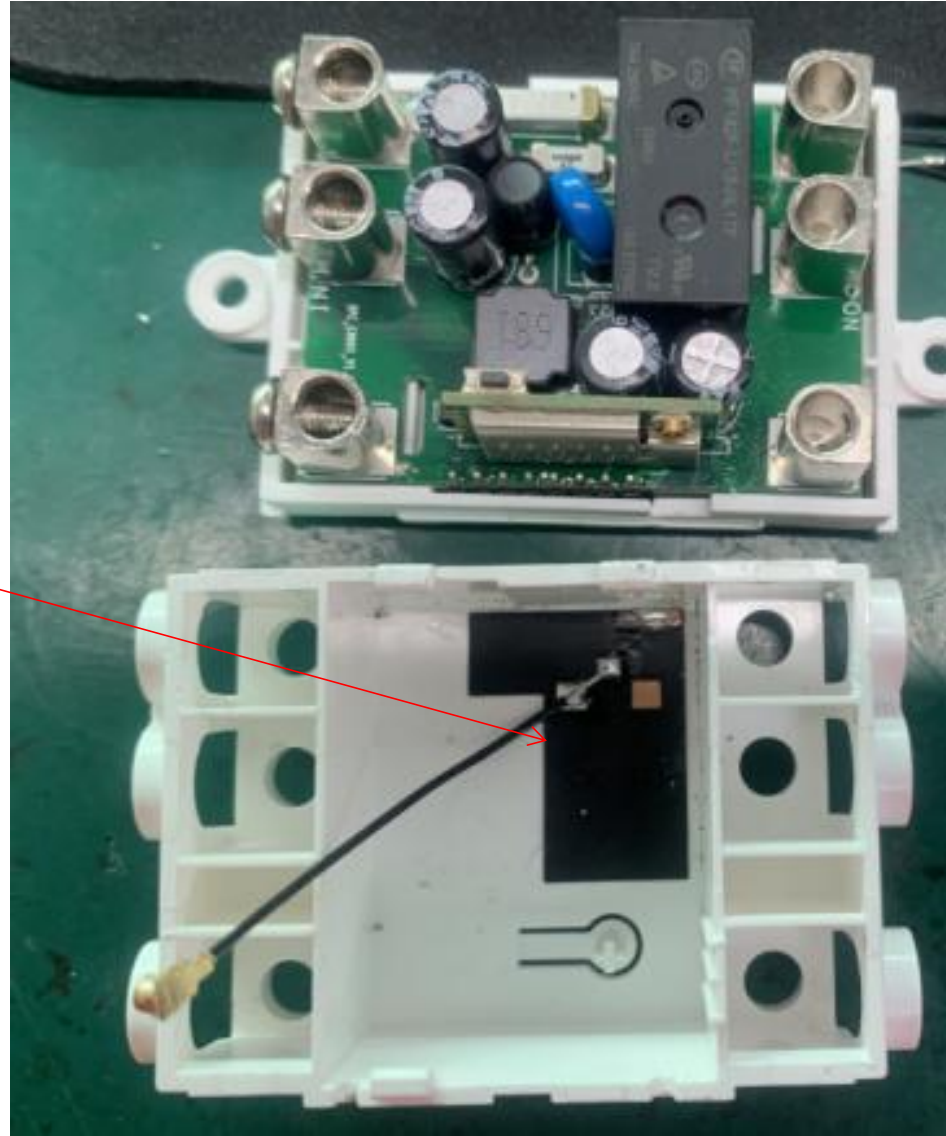
| Frequency (MHz) | Efficiency (%) | Peak GAIN (dBi) |
|-----------------|----------------|-----------------|
| 2400            | 45.35          | 2.07            |
| 2425            | 46.28          | 1.61            |
| 2450            | 44.9           | 2.22            |
| 2475            | 44.44          | 1.88            |
| 2500            | 45.97          | 2.18            |



## 天线安装位置图



WiFi天线





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Thanks