

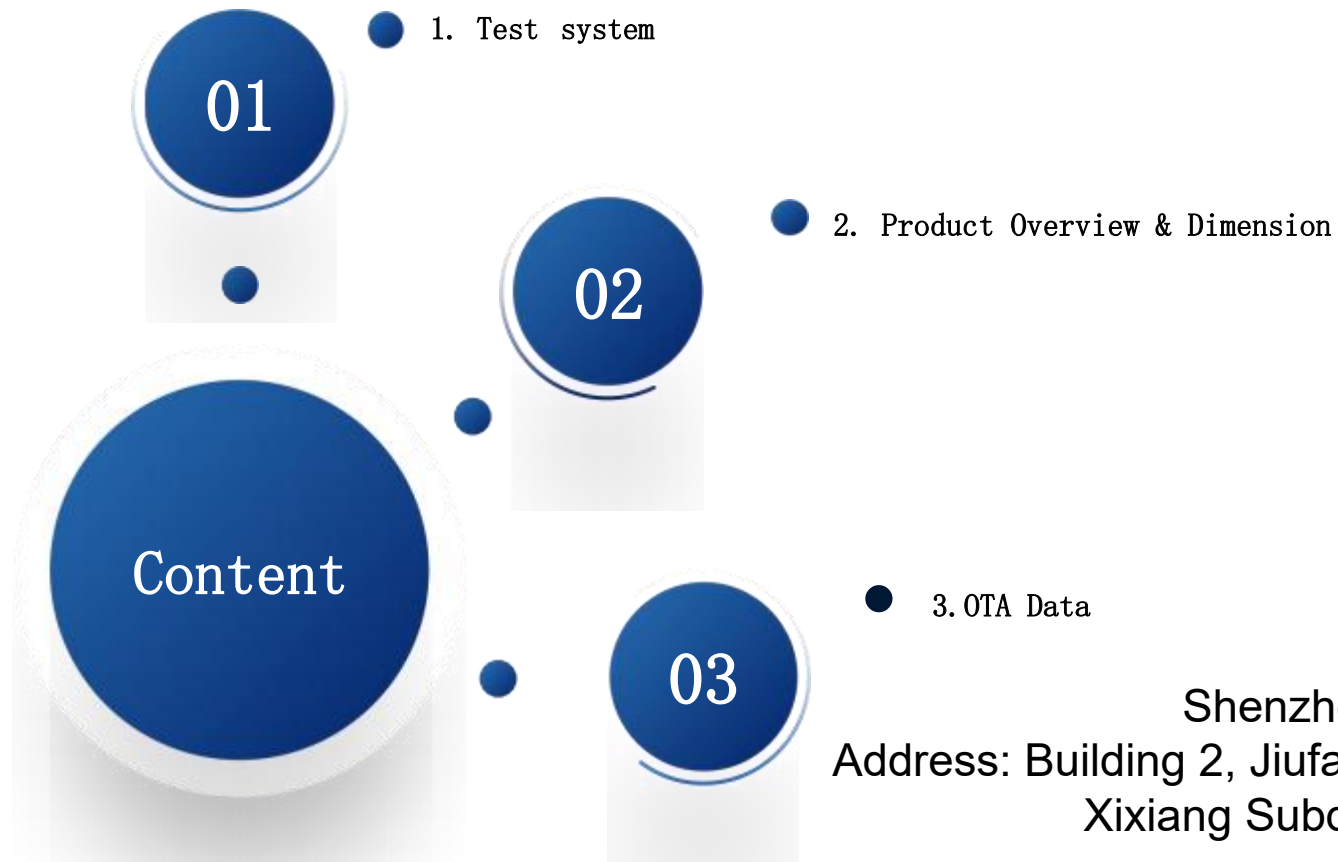


深圳合翊讯科技有限公司  
Shenzhen Heyixun Technology Co., Ltd.

|                  |              |
|------------------|--------------|
| Customer         | 志泽           |
| Project          | FT201        |
| Antenna Revision | A0           |
| Prepared by      | 17550061372  |
| Checked by       | 15993920520  |
| Date             | 2025. 12. 04 |

# Purpose

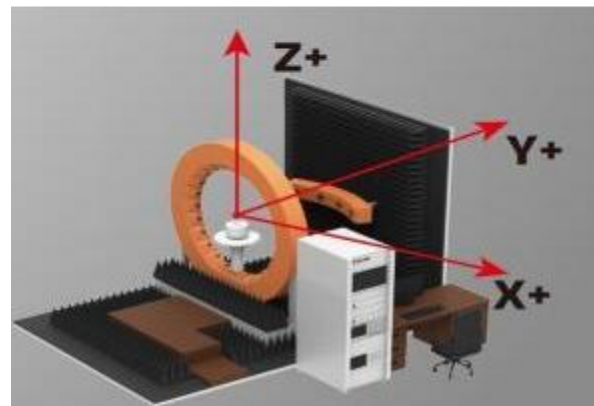
This report is to measure the performance of antenna for **FT201** The antenna operating frequency at 2400-2500MHz All test data are showed as below.



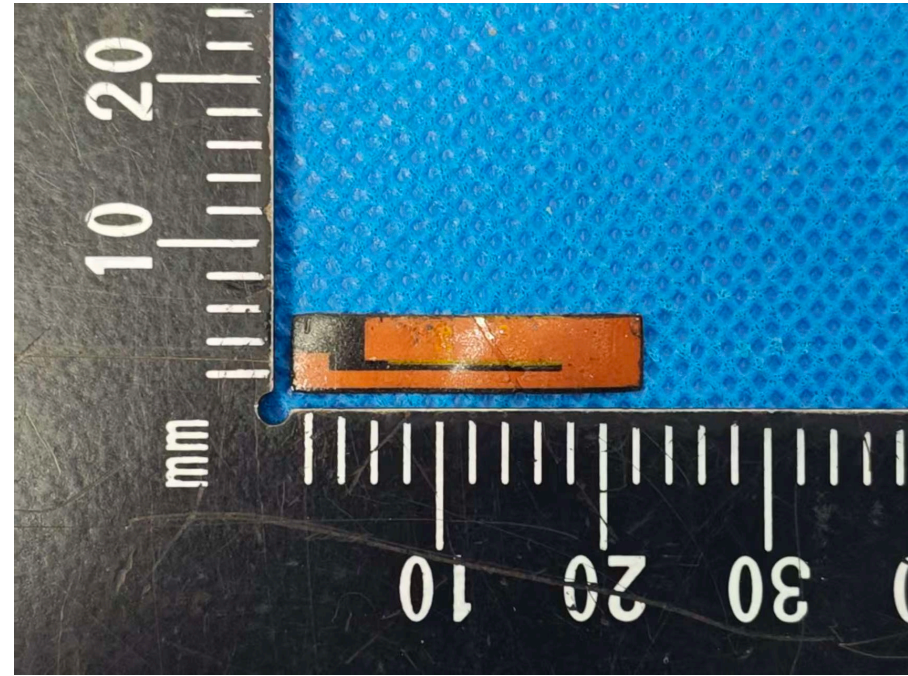
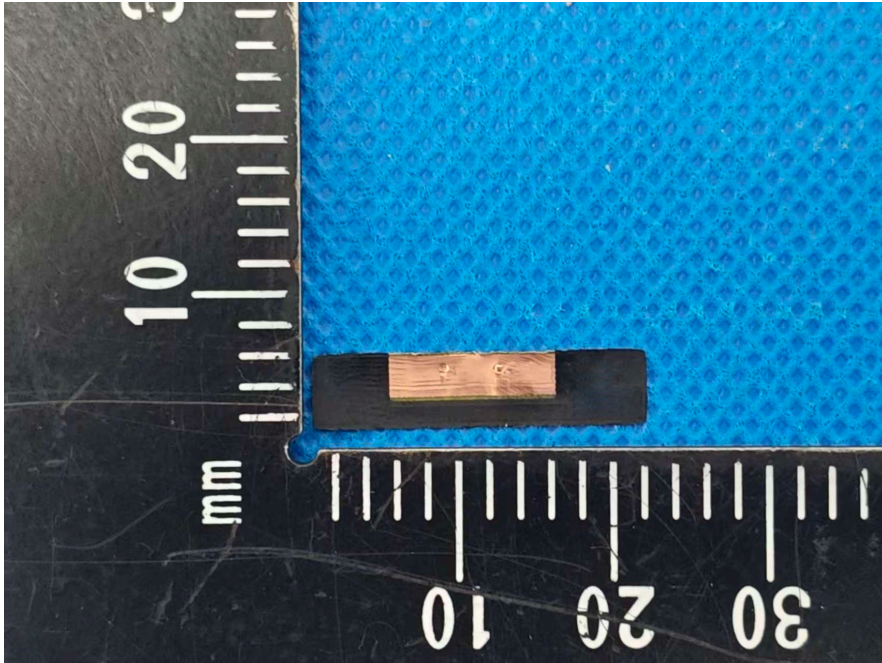
Shenzhen Heyixun Technology Co., Ltd.  
Address: Building 2, Jiufang Square, No. 9 Zaizi Road, Gongle Community,  
Xixiang Subdistrict, Bao'an District, Shenzhen City

# 1. Test System

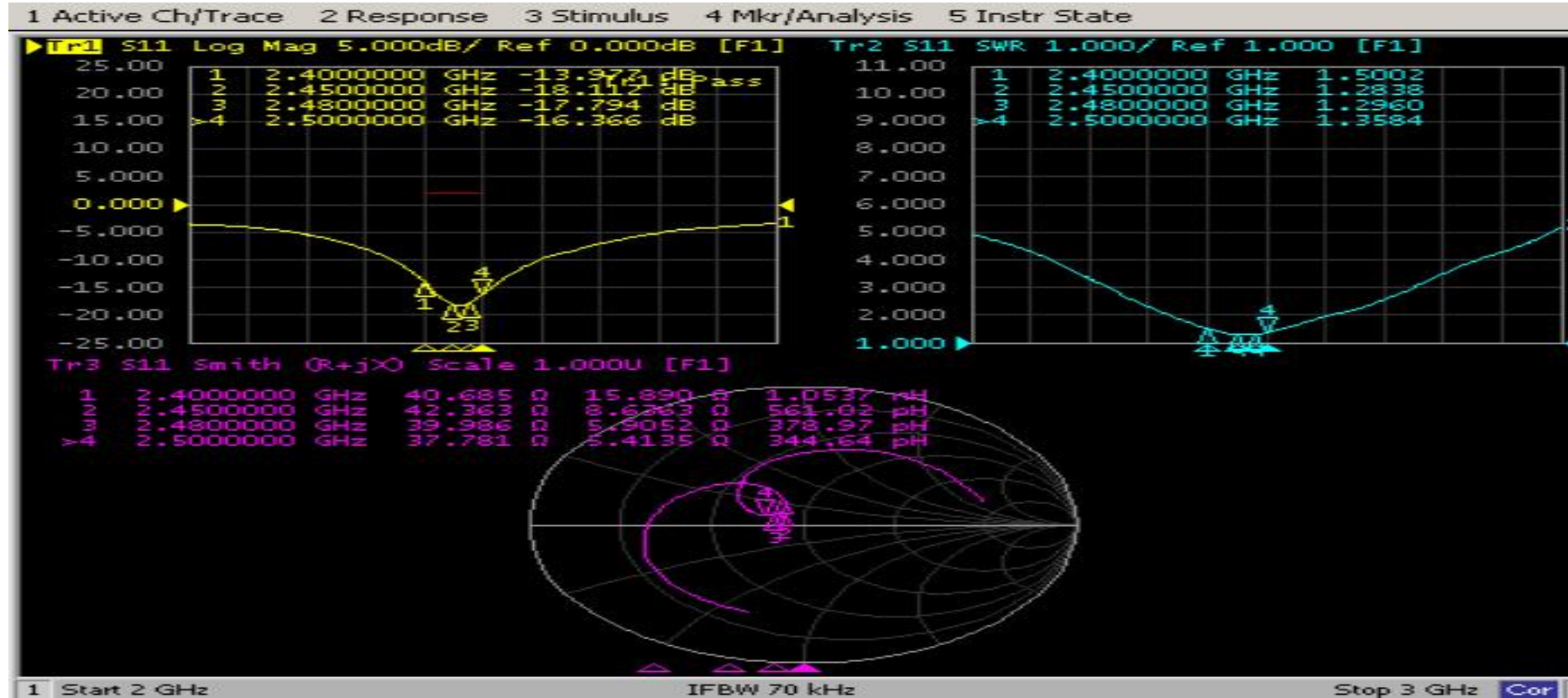
| Sequence Number   | Test Item         | equipment                     |
|-------------------|-------------------|-------------------------------|
| S parameter       | VSWR              | Agilent 5071C & Agilent 5071B |
| OTA Test          | TRP&TIS           | Agilent 8960 & CMW500 STIMO   |
| Gain & Efficiency | Gain & Efficiency | SATIMO<br>Agilent 5071C       |



## 2.Product Overview & Dimension



## 2. Test Result VSWR&Log Mag&Smith( $\Omega$ )



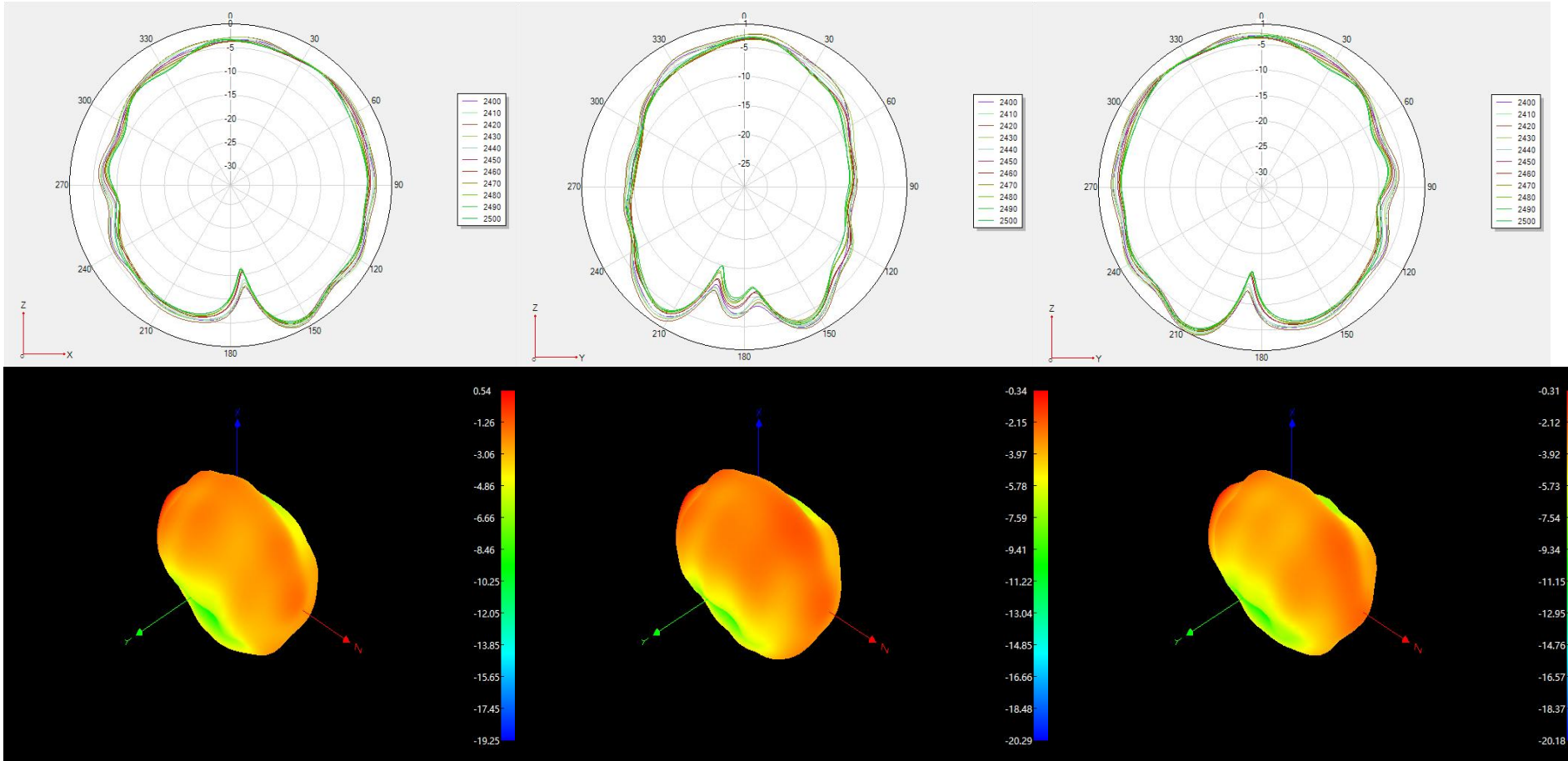
| Frequency (MHz)   | 2400   | 2450   | 2480   | 2500   |
|-------------------|--------|--------|--------|--------|
| Log Mag           | -13.97 | -18.11 | -17.79 | -16.36 |
| Smith( $\Omega$ ) | 40.68  | 42.36  | 39.98  | 37.78  |
| VSWR              | 1.5    | 1.28   | 1.29   | 1.35   |

### 3. Test Result

| Frequency (MHz) | Efficiency (%) | Max GAIN (dBi) |
|-----------------|----------------|----------------|
| 2400            | 36.06          | 0.54           |
| 2410            | 35.48          | 0.5            |
| 2420            | 36.06          | 0.62           |
| 2430            | 35.89          | 0.46           |
| 2440            | 36.31          | 0.15           |
| 2450            | 35.65          | -0.34          |
| 2460            | 34.83          | 0.04           |
| 2470            | 33.27          | -0.35          |
| 2480            | 32.43          | -0.06          |

## 3. Test Result

### 3.1 2D Pattern——BTANT



WORK REPORT

谢谢观看