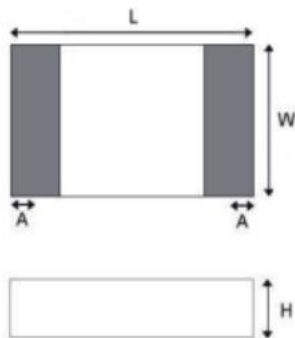


# ANT Report

|               |                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------|
| Manufacturer: | Shenzhen Xinyida Technology Co., LTD                                                              |
| Add:          | 4th Floor, Block B, Baohua Building, Huaqiang North Street, Futian District, Shenzhen City, China |
| Model:        | GS-01                                                                                             |
| Date:         | October 11, 2024                                                                                  |
| Versions:     | V1.0                                                                                              |

## 1. Ant Size:

### ■ 形状和尺寸(单位: mm) Shapes And Dimensions Dimensions in mm

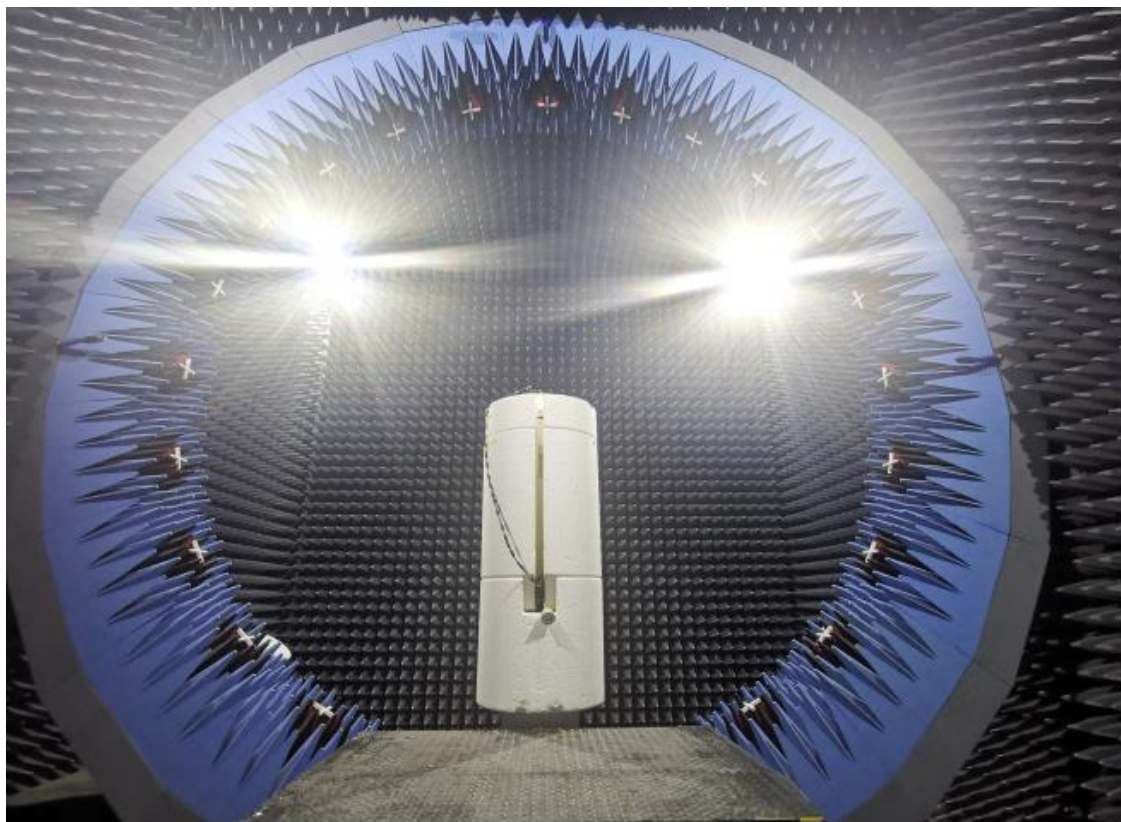
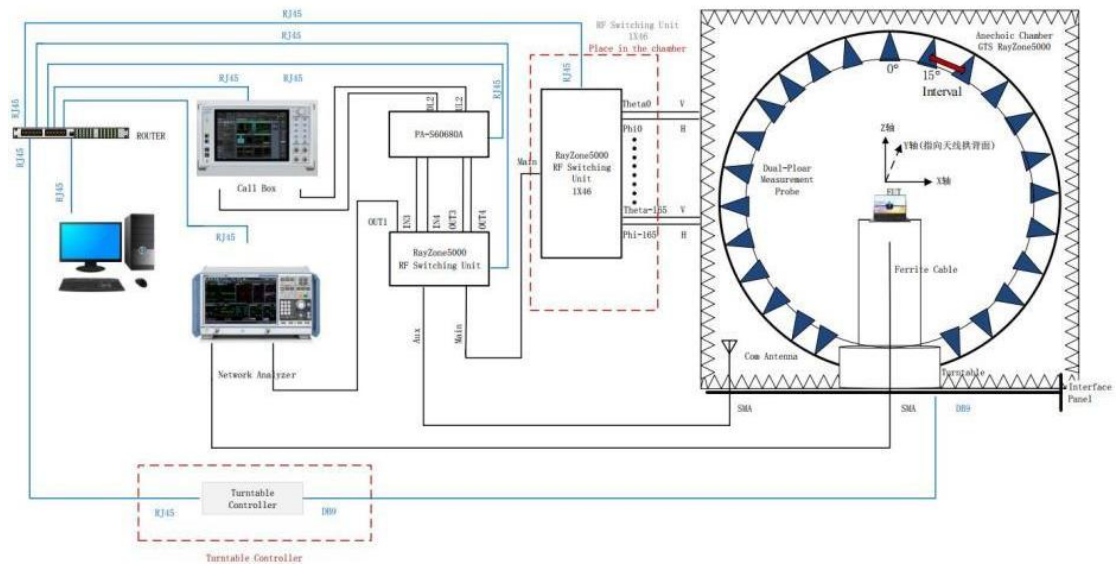


| L         | W         | A         | H        |
|-----------|-----------|-----------|----------|
| 3.10±0.10 | 1.55±0.10 | 0.40±0.20 | 0.55±0.1 |

## 2. Test equipment list

| name                               | Manufacturer | Model        |
|------------------------------------|--------------|--------------|
| Network analyzer                   | KEYSIGHT     | E5071C       |
| Network analyzer                   | KEYSIGHT     | E5071C       |
| Comprehensive Measuring Instrument | R&S          | CWM500       |
| OTA test system                    | GTS          | RayZone-5000 |

### 3. Test setup

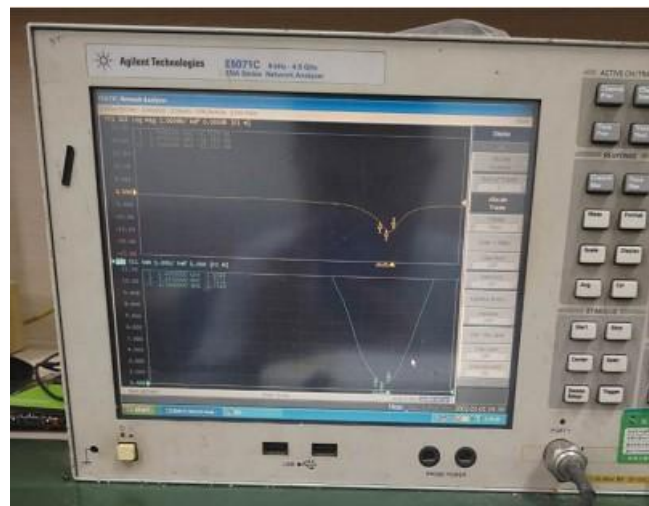


#### 4. Performance parameter

|                 |              |
|-----------------|--------------|
| Frequency range | 2400-2500MHz |
| VSWR            | $\leq 7.0$   |
| Input impedance | 50 $\Omega$  |
| Peak Gain(dBi)  | 2.58         |
| Antenna type    | Chip         |
| Temperature     | -40~80       |

#### 5. VSWR Test Data

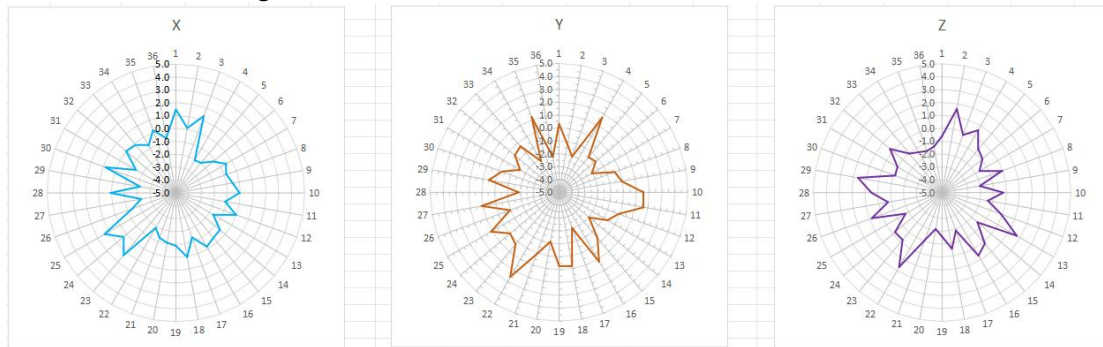
| Frequency(MHz) | Return Loss | VSWR |
|----------------|-------------|------|
| 2400           | -8.13       | 2.19 |
| 2450           | -11.04      | 1.77 |
| 2500           | -10.86      | 2.19 |



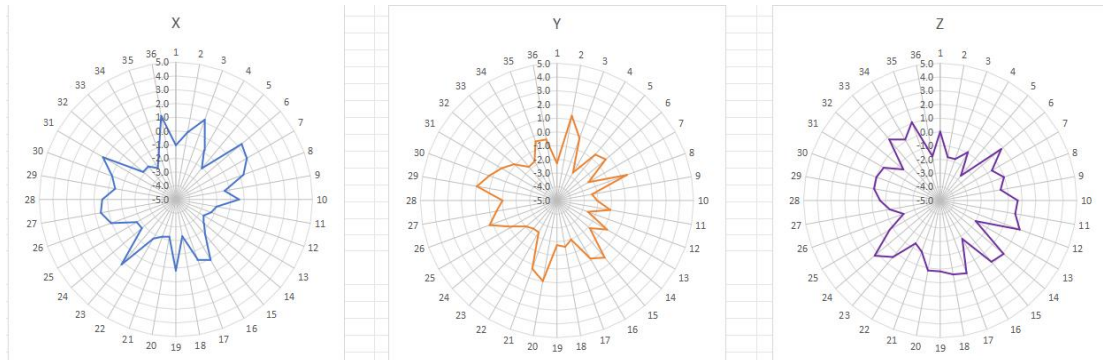
#### 6. Gain and Effi

| Frequency(MHz) | Effi | Peak Gain |
|----------------|------|-----------|
| 2400           | 1.32 | 2.58      |
| 2410           | 1.25 | 2.22      |
| 2420           | 1.56 | 2.09      |
| 2430           | 1.45 | 1.97      |
| 2440           | 1.55 | 2.18      |
| 2450           | 1.20 | 1.28      |
| 2460           | 1.32 | 0.99      |
| 2470           | 1.42 | 0.85      |
| 2480           | 1.56 | 1.36      |
| 2490           | 1.31 | 0.89      |
| 2500           | 1.39 | 0.97      |

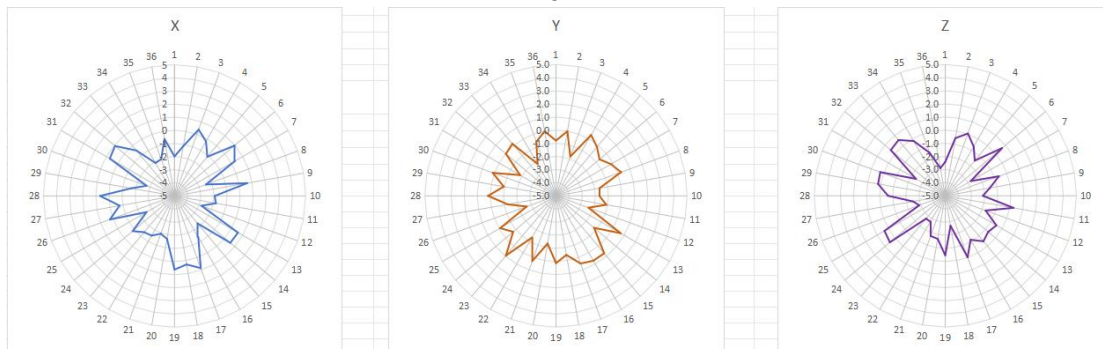
## 7. Test Directional diagram



2400MHz



2440MHz



2500MHz

-----The end-----