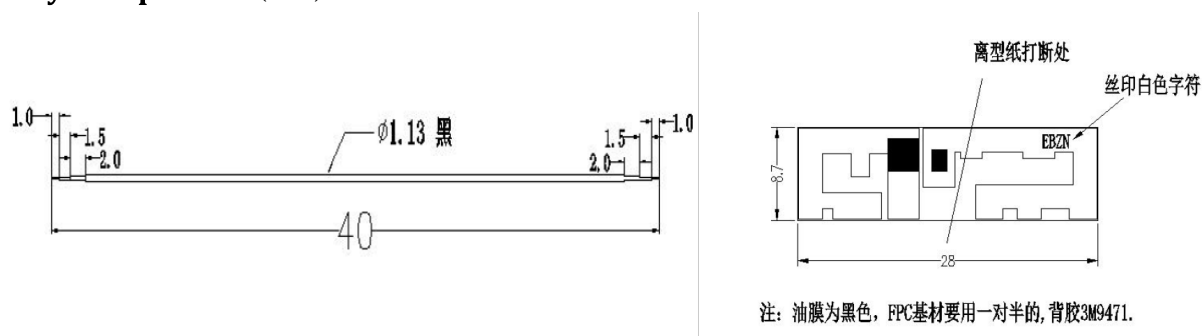


# ANTENNA SPECIFICATION

## 1 Physical photos (mm)

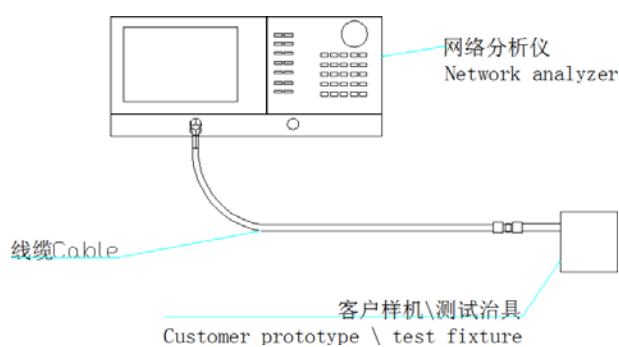


## 2. Electrical Characteristics

### 21 Test Environment Conditions

|             |                                  |
|-------------|----------------------------------|
| Temperature | Ordinary Temperature (5 to 35℃)  |
| Humidity    | Ordinary Humidity (25 to 85% RH) |

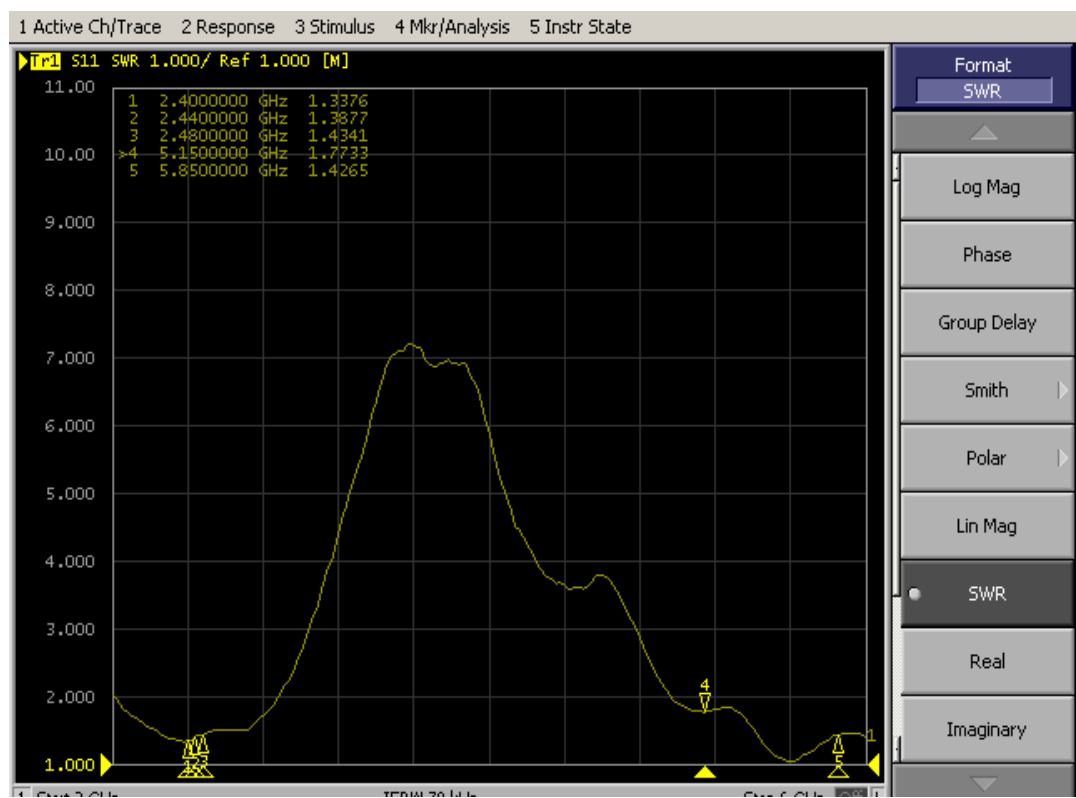
### 22 Measurement method



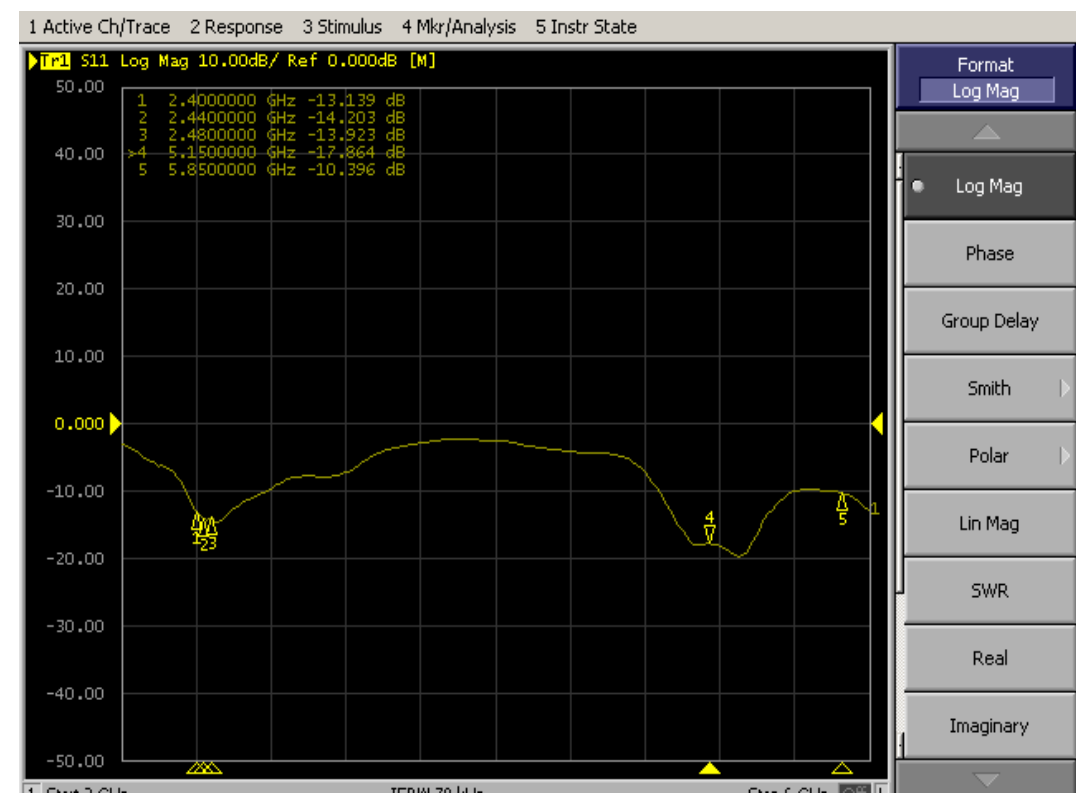
Manufacture: Dongguan Tengxiang Electronics Co., LTD  
Address: No. 53, Shayong Road, Shatou, Chang 'an Town, Dongguan City, Guangdong Province

# ANTENNA SPECIFICATION

## 2.2.1. VSWR

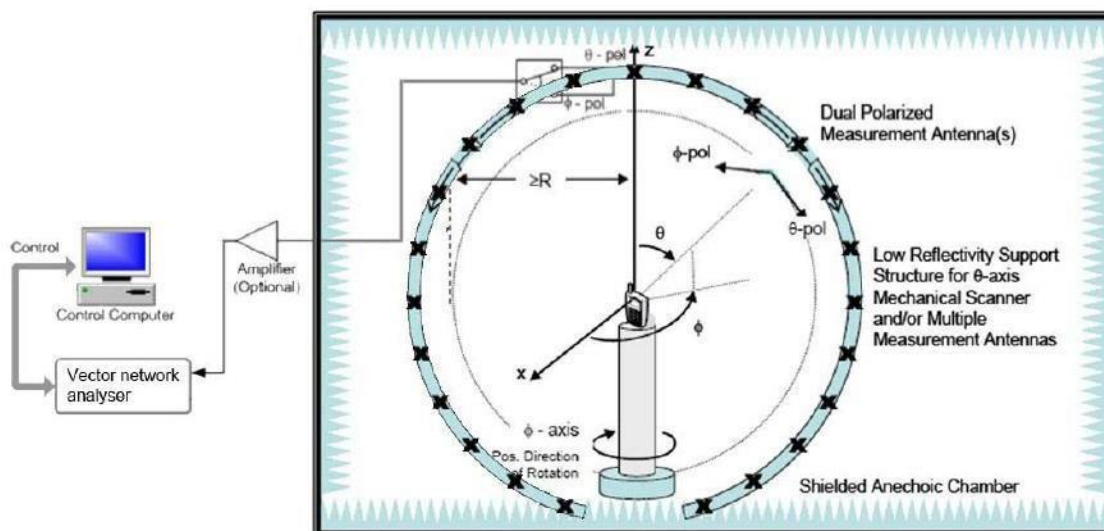


## 2.2.2. Log Mag



## 23 Efficiency and Gain

### 2.3.1. Test system



### 2.3.2. No-source test data

| Frequency (MHz) |     | Efficiency (%) | Gain (dBi) |
|-----------------|-----|----------------|------------|
| 2400            | MHz | 73.3           | 4.6        |
| 2410            | MHz | 76.98          | 4.99       |
| 2420            | MHz | 80.08          | 5.3        |
| 2430            | MHz | 80.83          | 5.42       |
| 2440            | MHz | 77.86          | 5.22       |
| 2450            | MHz | 71.74          | 4.65       |
| 2460            | MHz | 75.88          | 4.6        |
| 2470            | MHz | 73.21          | 4.27       |
| 2480            | MHz | 65.98          | 3.73       |
| 2490            | MHz | 70.06          | 4.1        |
| 2500            | MHz | 69.83          | 4.09       |

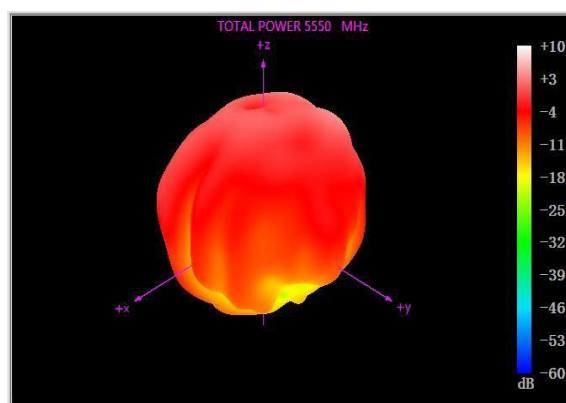
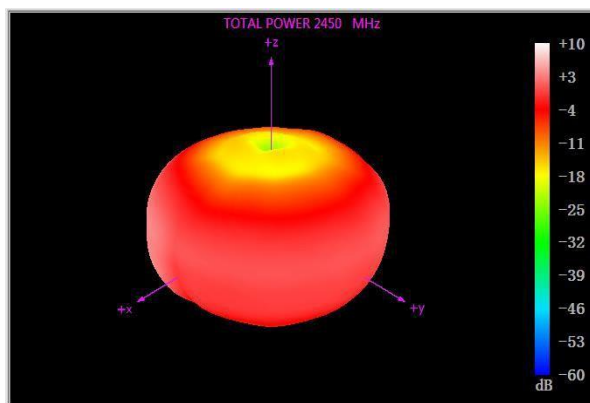
---

## ANTENNA SPECIFICATION

---

| Frequency (MHz) |     | Efficiency (%) | Gain (dBi) |
|-----------------|-----|----------------|------------|
| 5150            | MHz | 51.51          | 3.51       |
| 5200            | MHz | 48.9           | 4.6        |
| 5250            | MHz | 59.58          | 4.86       |
| 5300            | MHz | 60.11          | 5.14       |
| 5350            | MHz | 49.86          | 5.71       |
| 5400            | MHz | 52.51          | 5.12       |
| 5450            | MHz | 48.99          | 5.02       |
| 5500            | MHz | 43.47          | 5.43       |
| 5550            | MHz | 51.41          | 4.79       |
| 5600            | MHz | 49.95          | 4.27       |
| 5650            | MHz | 49.27          | 4.07       |
| 5700            | MHz | 47.79          | 3.84       |
| 5750            | MHz | 43.94          | 5.17       |
| 5800            | MHz | 43.87          | 5.08       |
| 5850            | MHz | 42.15          | 5.01       |

### 2.3.3. 3D Radiation Drawing



# ANTENNA SPECIFICATION

## 2.3.4. directional drawing of horizontal plane

