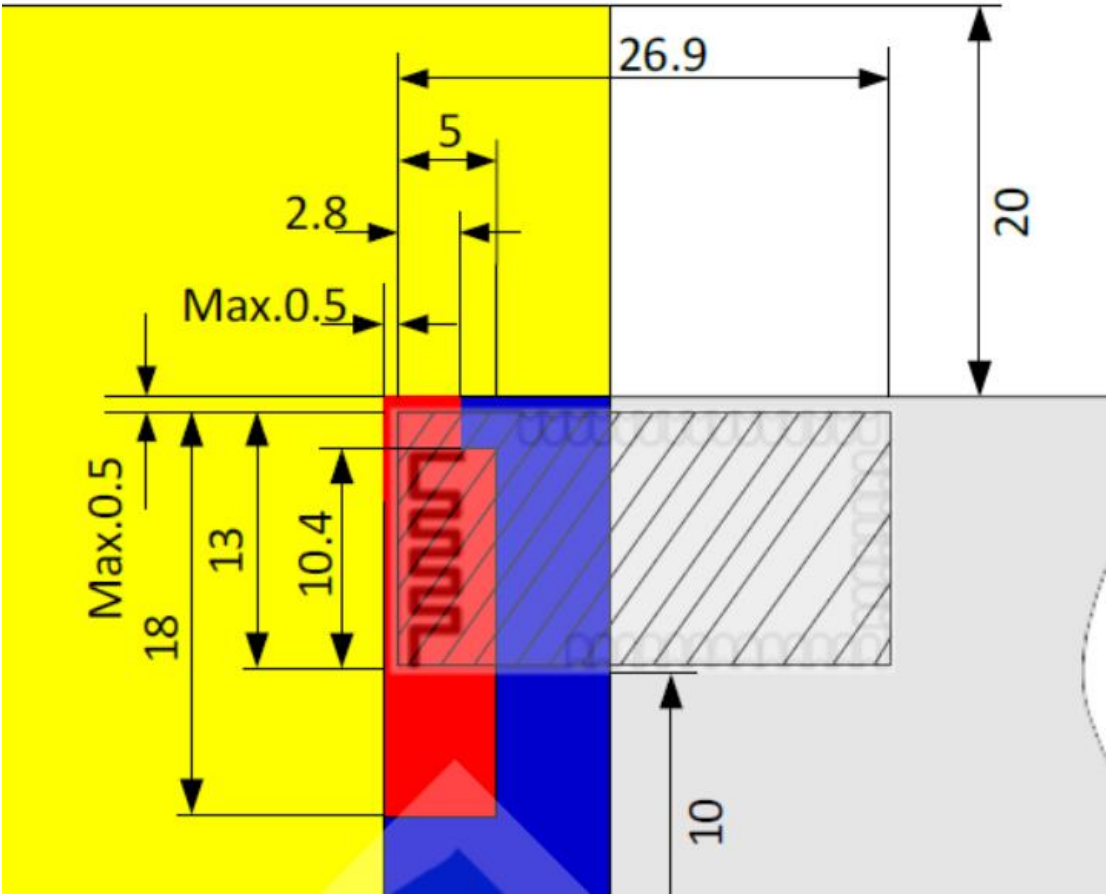


1. Antenna Description:

|                 |                                      |
|-----------------|--------------------------------------|
| Antenna type    | PCB ANT                              |
| Frequency range | 2402-2480MHz                         |
| Manufacturer    | Shenzhen Huawei Electronics Co., Ltd |
| ANT Peak Gain   | 1.00dBi                              |

2. Antenna Photo:

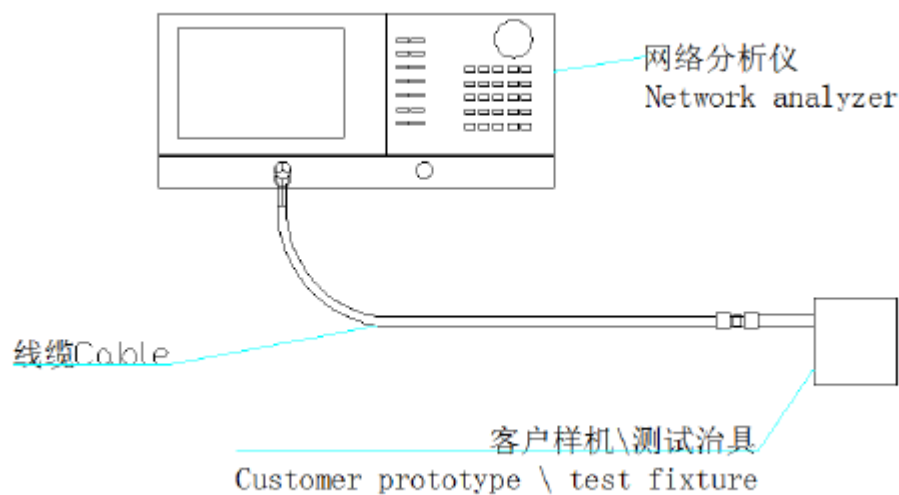


### 3. Test Equipment & Conditions

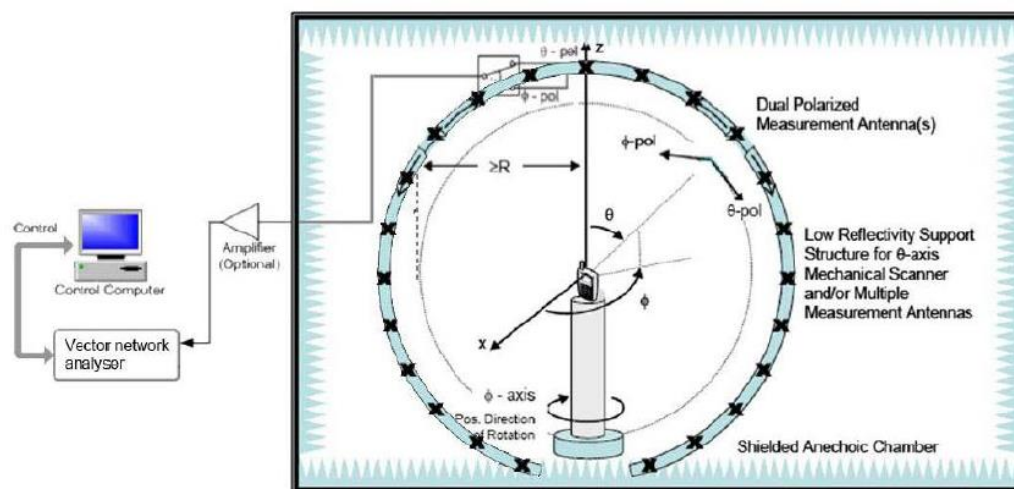
#### 3.1 Test instrument

VSWR is tested using Agilent E5071B connected to a hand mechanism, and the status is free space.

#### 3.2 Test environment and methods



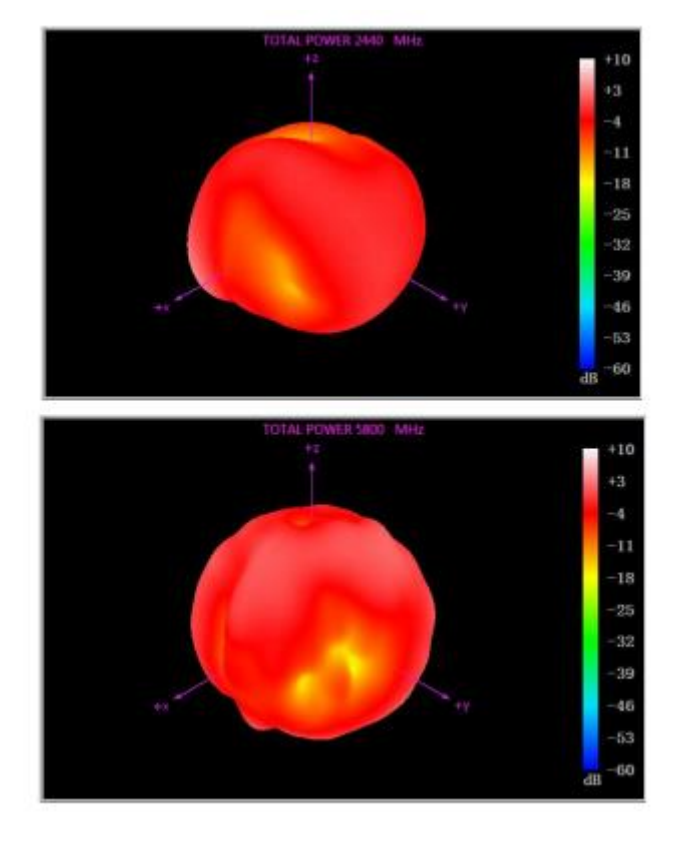
Efficiency and Gain:



## 4 . Antenna Radiation Pattern

| Frequency (MHz) | Gain (dBi) | Efficiency (%) |
|-----------------|------------|----------------|
| 2400 MHz        | 1.00       | 54.63          |
| 2410 MHz        | 0.86       | 57.15          |
| 2420 MHz        | 0.87       | 56.86          |
| 2430 MHz        | 0.89       | 55.5           |
| 2440 MHz        | 0.87       | 54.17          |
| 2450 MHz        | 0.89       | 53.67          |
| 2460 MHz        | 0.85       | 52.52          |
| 2470 MHz        | 0.89       | 52.04          |
| 2480 MHz        | 0.87       | 52.36          |
| 2490 MHz        | 0.86       | 52.09          |
| 2500 MHz        | 0.99       | 53.19          |

3D Radiation Drawing:



directional drawing of horizontal plane:

