

## 1. Antenna Description:

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Antenna type    | PIFA Antenna                                                                                                                    |
| Model           | D2                                                                                                                              |
| Frequency range | 2400-2500MHz, 5180-5240MHz, 5745-5825MHz                                                                                        |
| Manufacturer    | Shenzhen youfeiyang Electronics Co., Ltd                                                                                        |
| Address         | Room 201, Building 2, Workshop Area, No. 131, Huating Road, Shuiwei Community, Dalang Street, Longhua District, Shenzhen, China |
| ANT Peak Gain   | 1.06 dBi for 2400-2500MHz<br>1.10 dBi for 5180-5240MHz<br>1.13 dBi for 5745-5825MHz                                             |

## 2. Antenna Photo:

Length :43.15mm  
Width:14.14mm



### 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

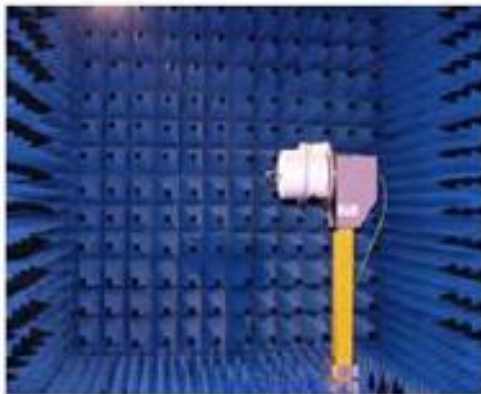
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

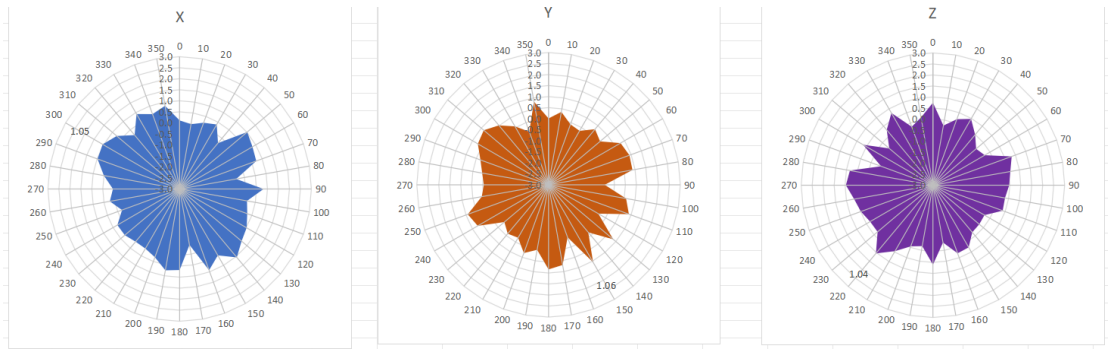
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

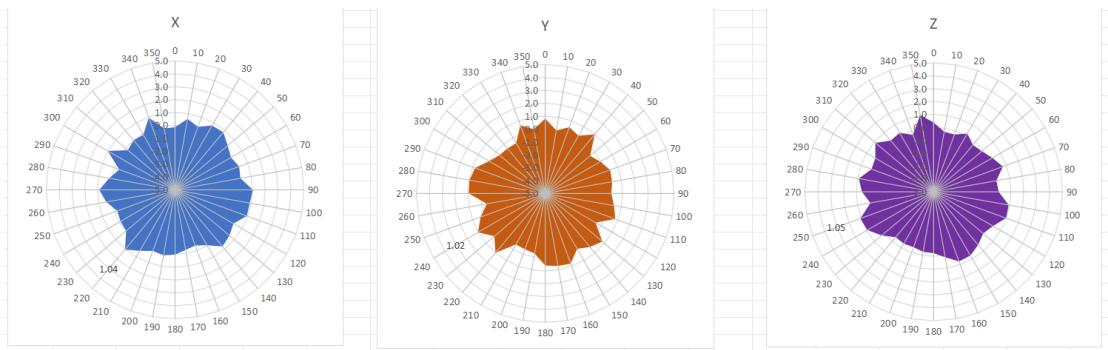


# 4 . Antenna Radiation Pattern

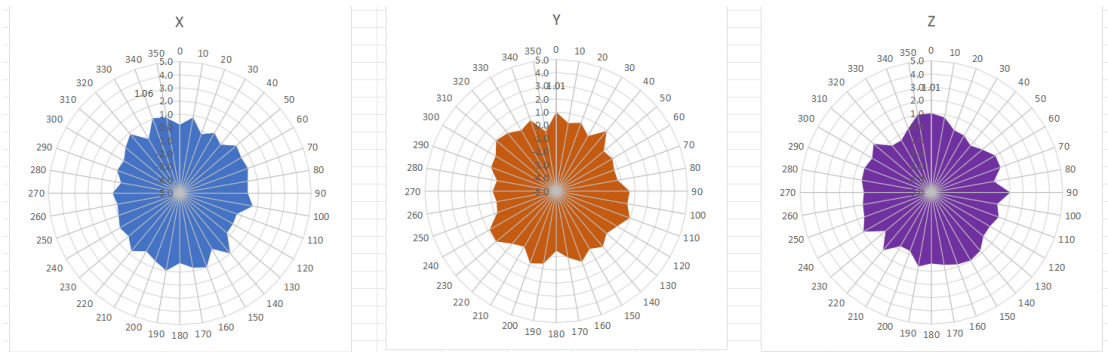
2400MHz



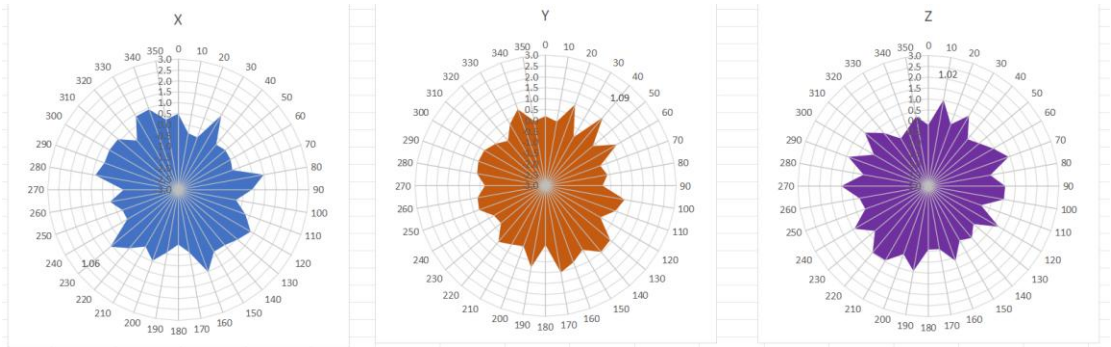
2450MHz



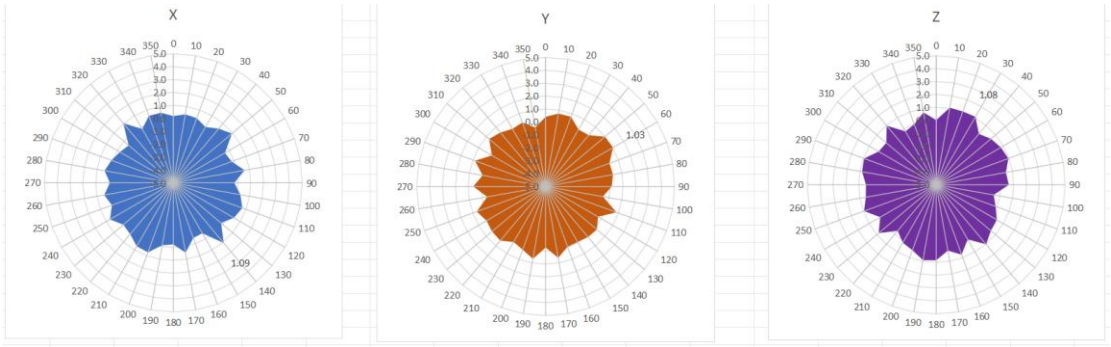
2500MHz



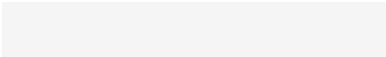
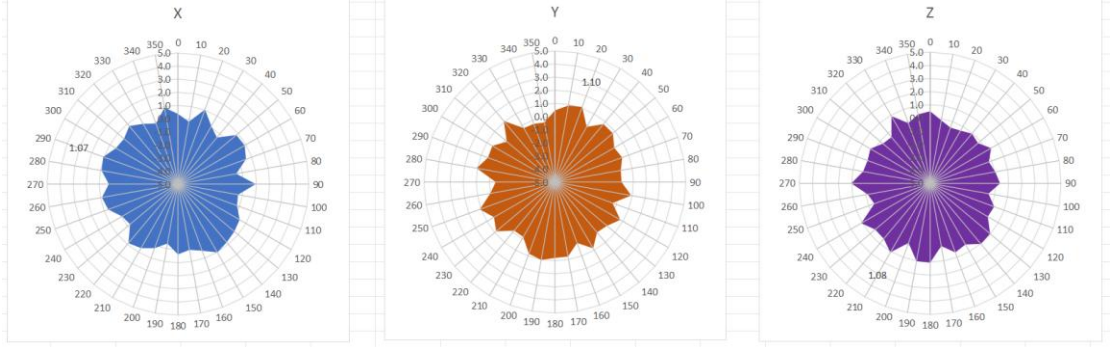
5180MHz



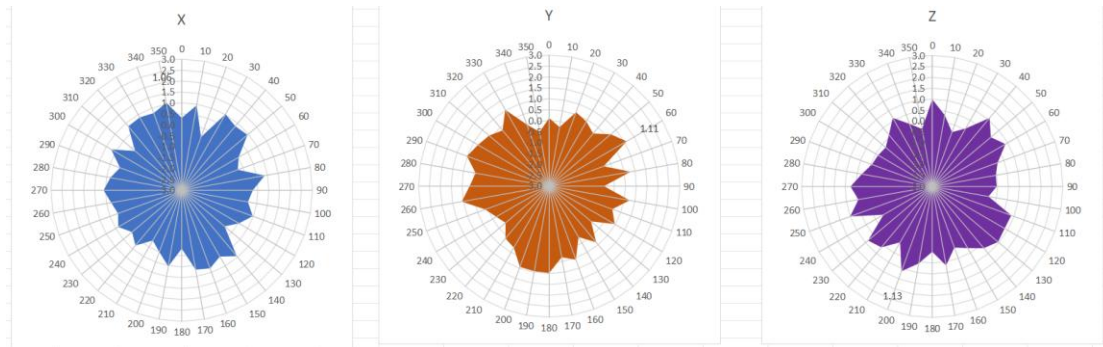
5220MHz



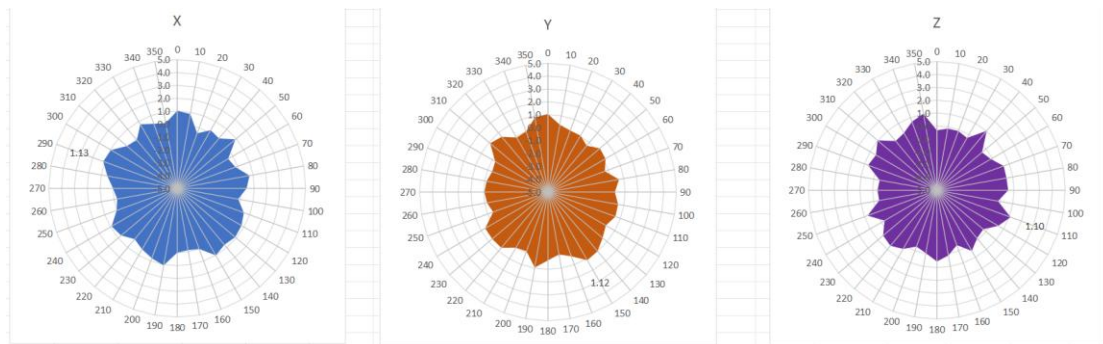
5240MHz



5745MHz



5785MHz



5825MHz

