

## 1. Antenna Description:

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| Antenna type    | PIFA antenna                                                              |
| Model           | P1 Plus                                                                   |
| Frequency range | 2400-2500MHz, 5180-5240MHz, 5745-5825MHz                                  |
| Manufacturer    | Shenzhen G-world Technology Incorporated Company                          |
| ANT Peak Gain   | 2400-2500MHz: 1.3 dBi<br>5180-5240MHz: 1.16 dBi<br>5745-5825MHz: 1.18 dBi |

## 2. Antenna Photo:

Length: 31.00mm  
Width: 18.81mm



### 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

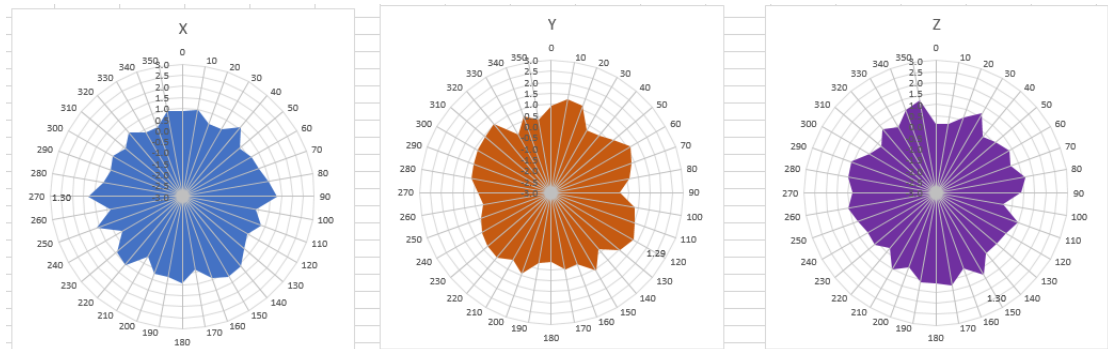
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

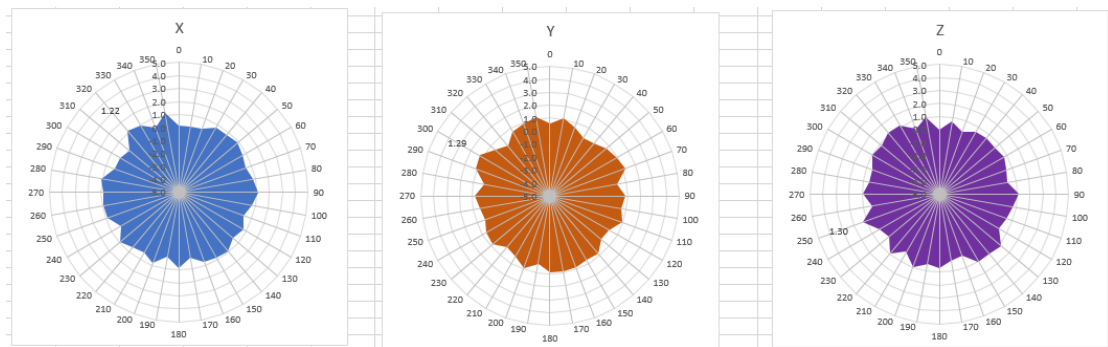


## 4 . Antenna Radiation Pattern

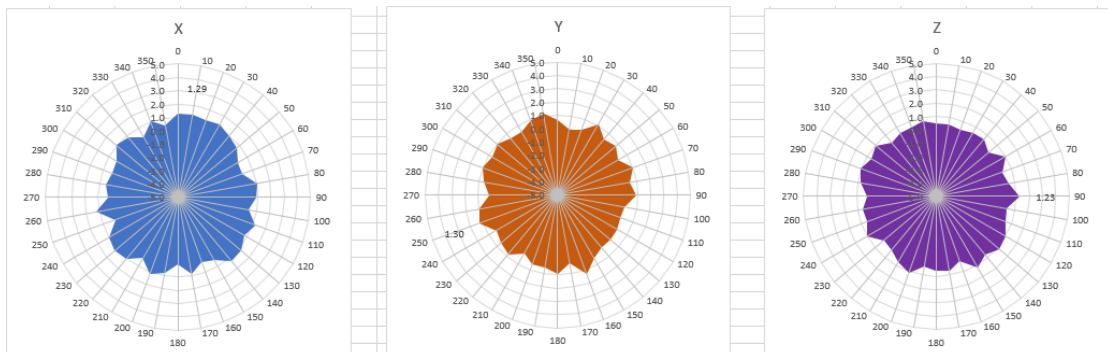
2400MHz



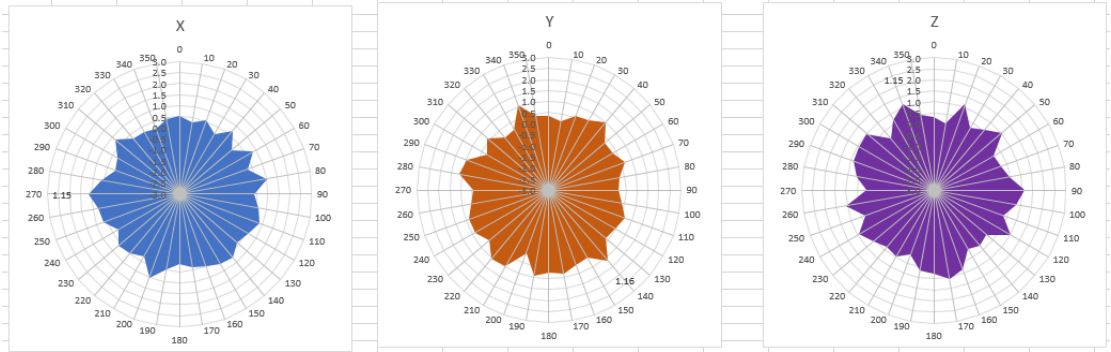
2450MHz



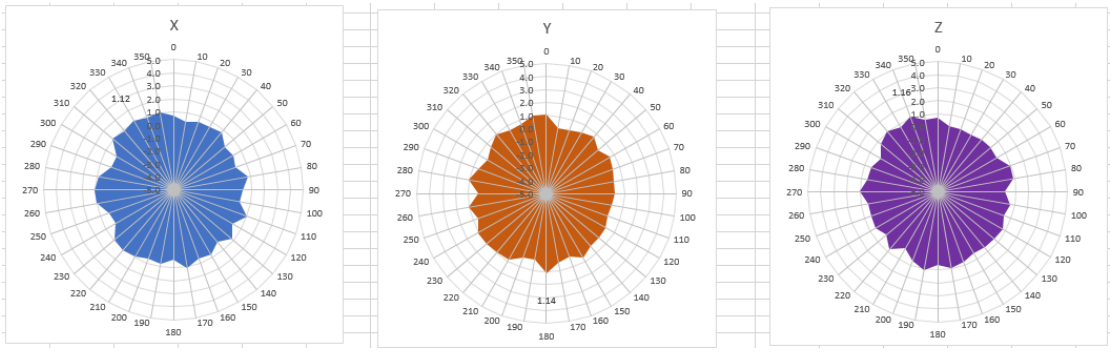
2500MHz



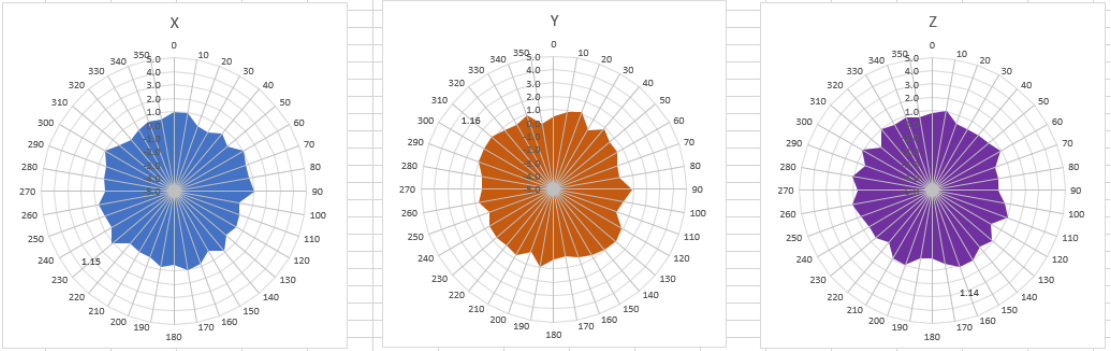
5180MHz



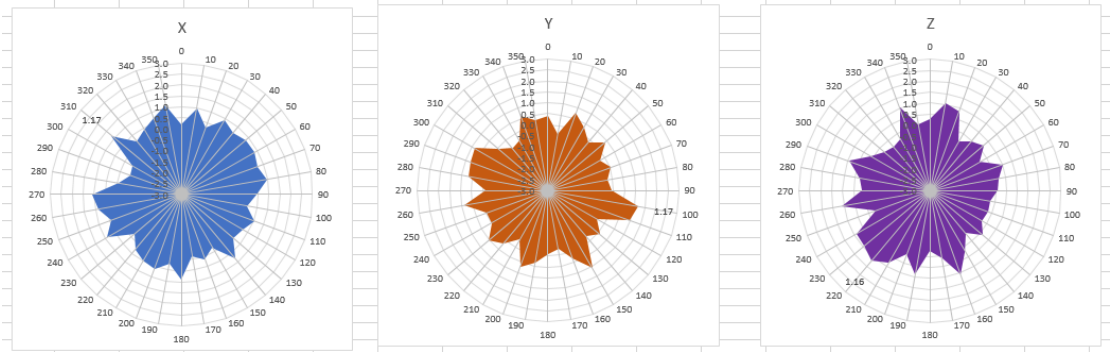
5220MHz



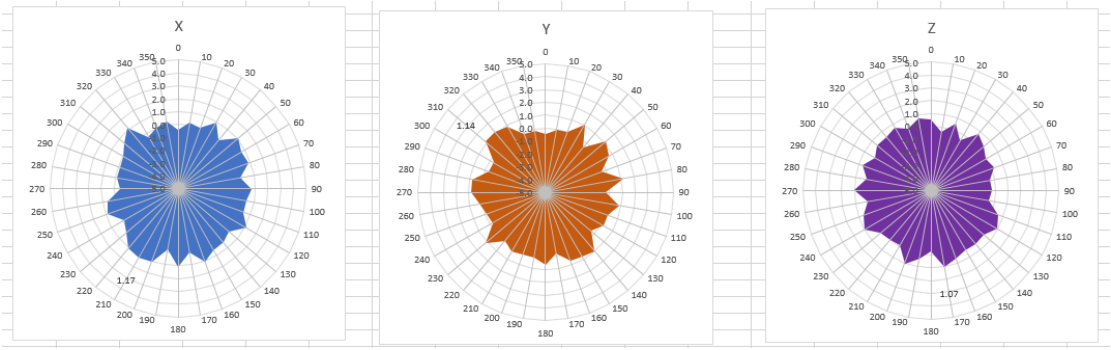
5240MHz



5745MHz



5785MHz



5825MHz

