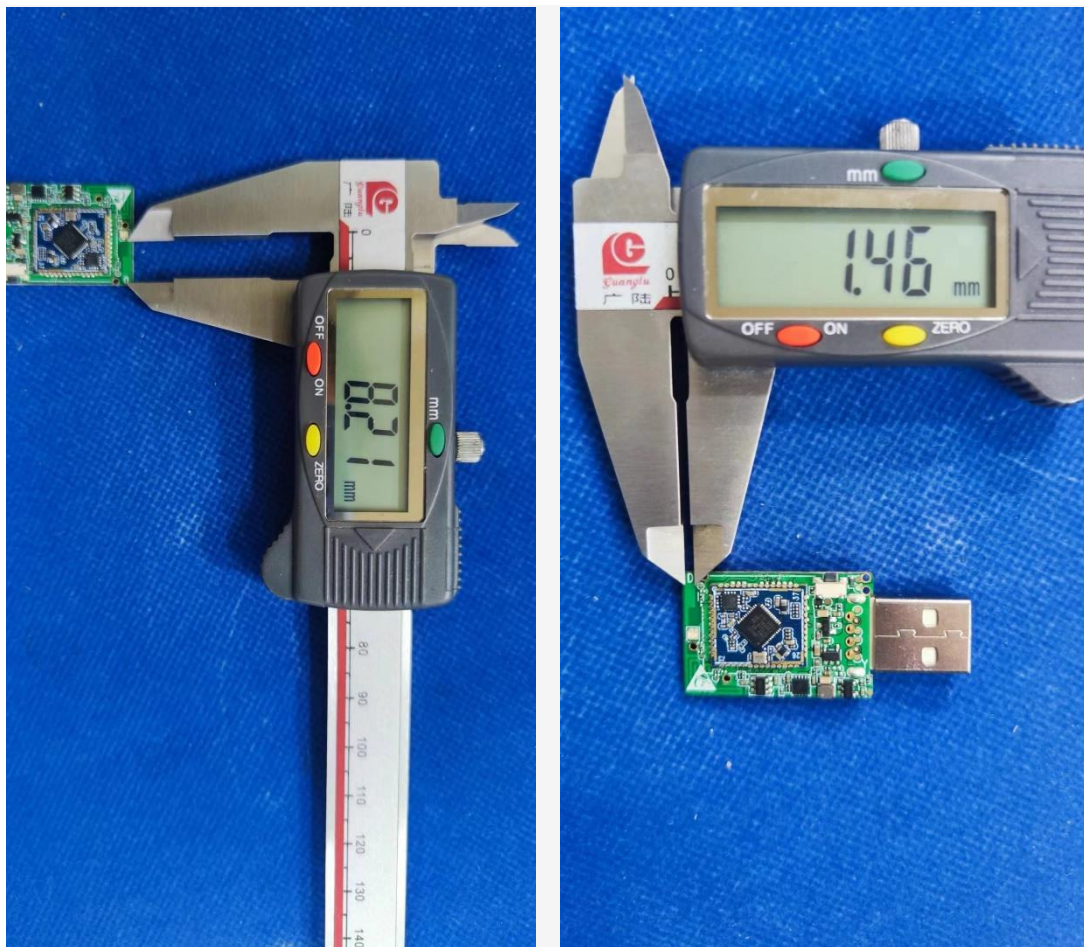


## 1. Antenna Description:

|                 |                                    |
|-----------------|------------------------------------|
| Antenna type    | PCB antenna                        |
| Model           | DGSD112-3                          |
| Frequency range | 5180-5240MHz, 5745-5825MHz         |
| Manufacturer    | SHENZHEN SUDING TECHNOLOGY.,CO LTD |
| ANT Peak Gain   | 0.90 dBi                           |

## 2. Antenna Photo:

Length: 8.21mm  
Width: 1.46mm



### 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

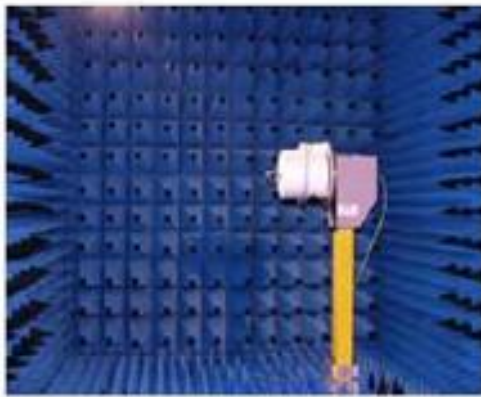
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

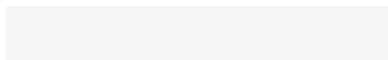
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

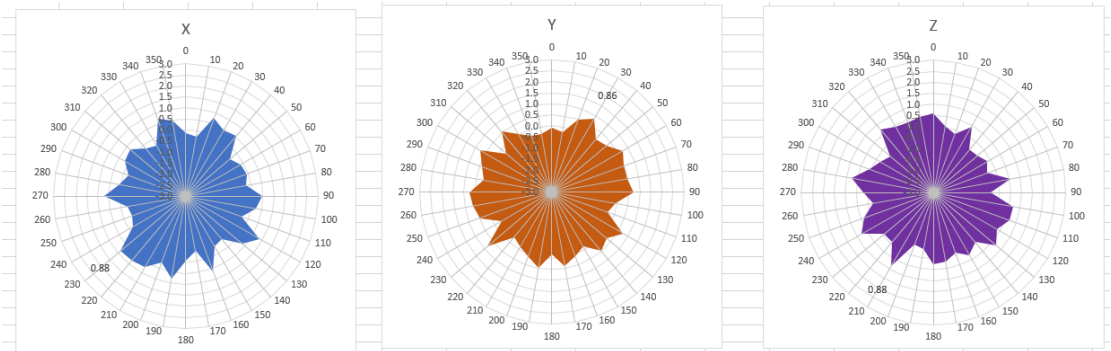
Passive efficiency testing equipment: Agilent Technologies E5071B



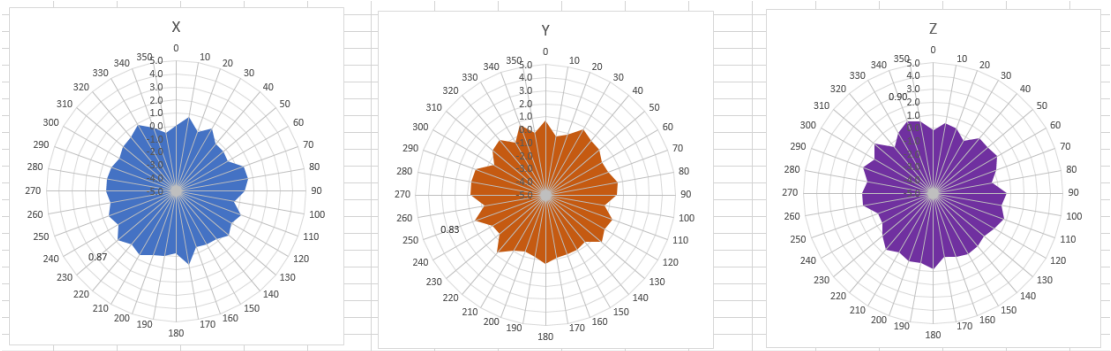
### 4 . Antenna Radiation Pattern



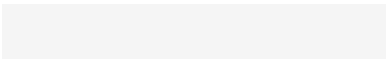
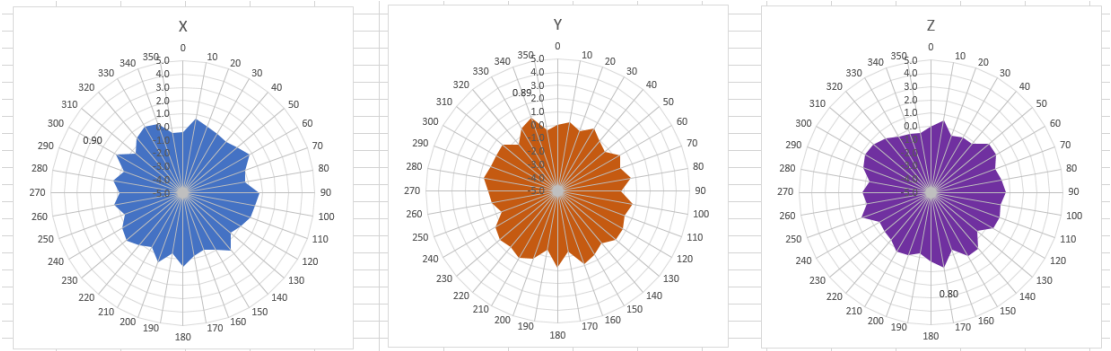
5180MHz



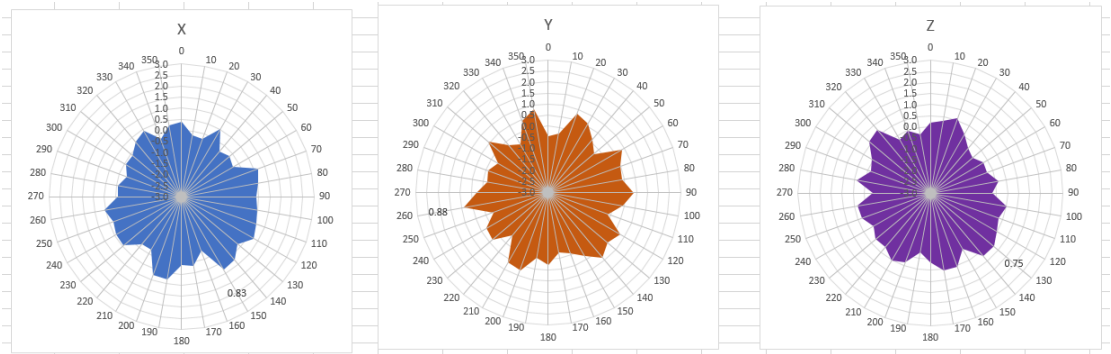
5220MHz



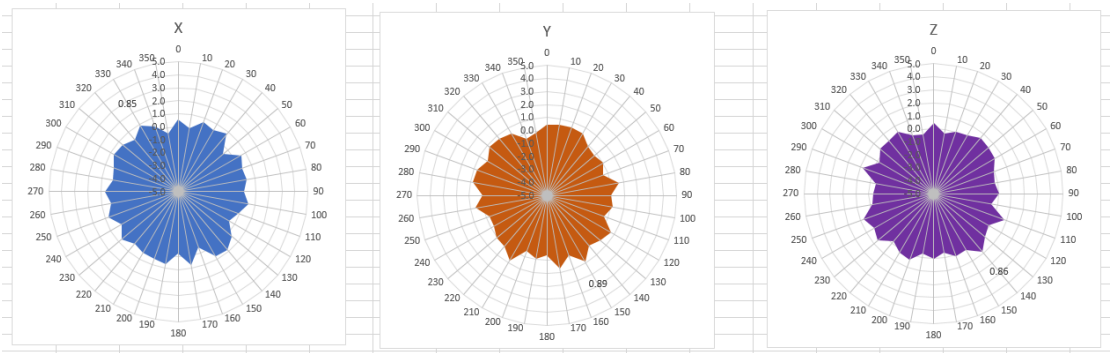
5240MHz



# 5745MHz



# 5785MHz



# 5825MHz

