

# 1. Antenna Description:

|                 |                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------|
| Antenna type    | PIFA antenna                                                                                                  |
| Model           | HI3-1                                                                                                         |
| Frequency range | 2400-2500MHz,5180-5240MHz, 5745-5825MHz                                                                       |
| Manufacturer    | Shenzhen Shuwei Technology Co., Limited                                                                       |
| Address         | 4th Floor, Building 2, Haomai High-tech Park, No.387 Huating Rd, Dalang St, Longhua District, Shenzhen, China |
| ANT Peak Gain   | 2400-2500MHz: 2.6 dBi<br>5180-5240MHz: 3.2 dBi<br>5745-5825MHz: 3.2 dBi                                       |

# 2. Antenna Photo:

Length: 31.93mm  
Width: 17.51mm



### 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

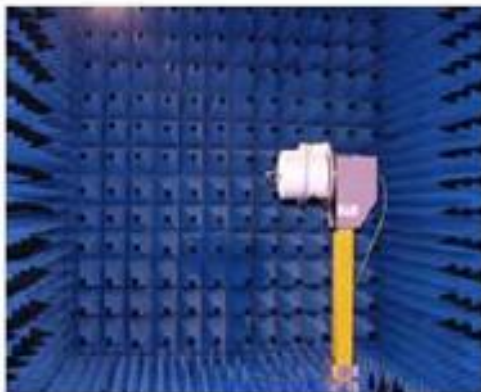
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

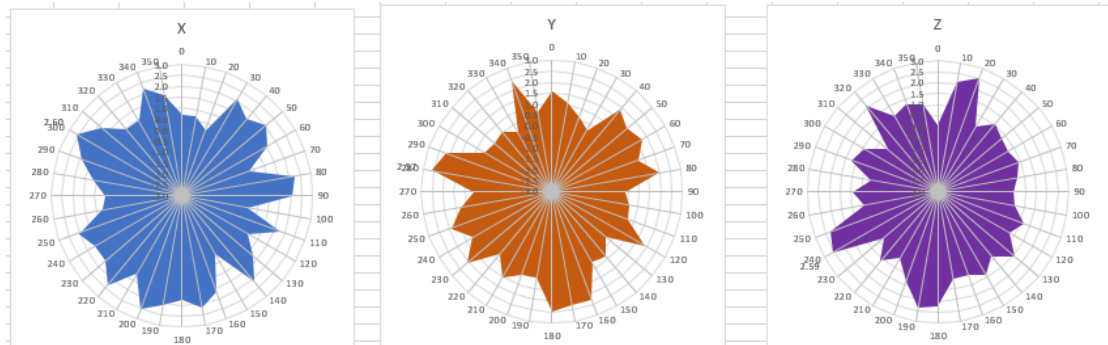
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

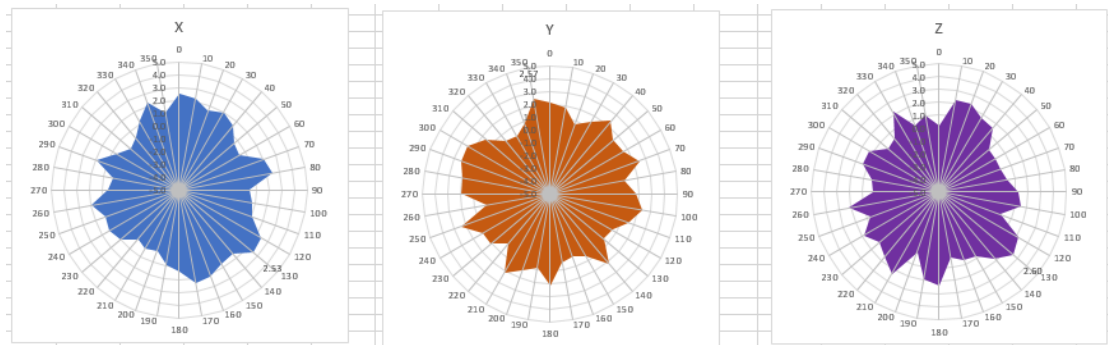


## 4 . Antenna Radiation Pattern

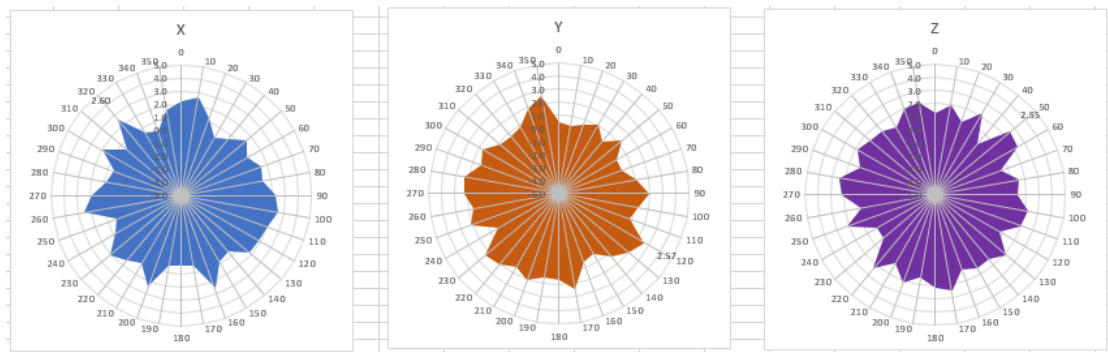
2400MHz



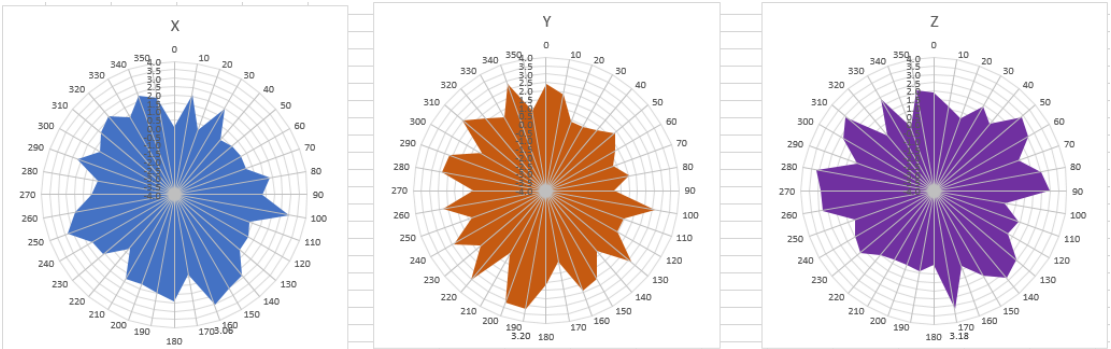
2450MHz



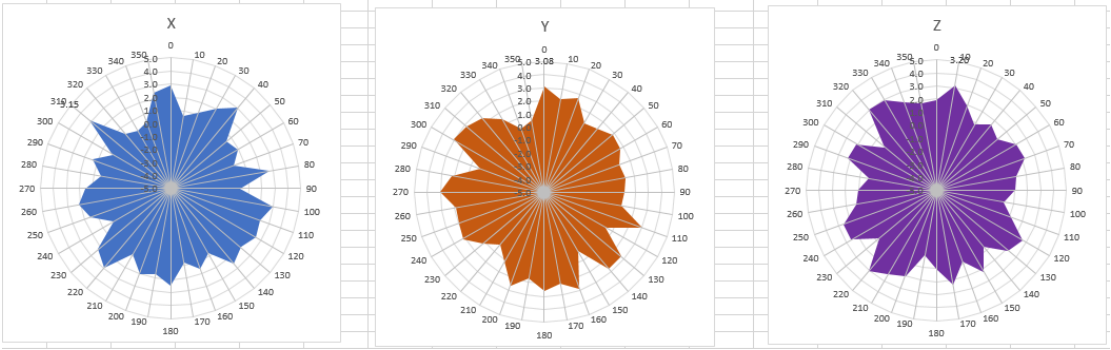
2500MHz



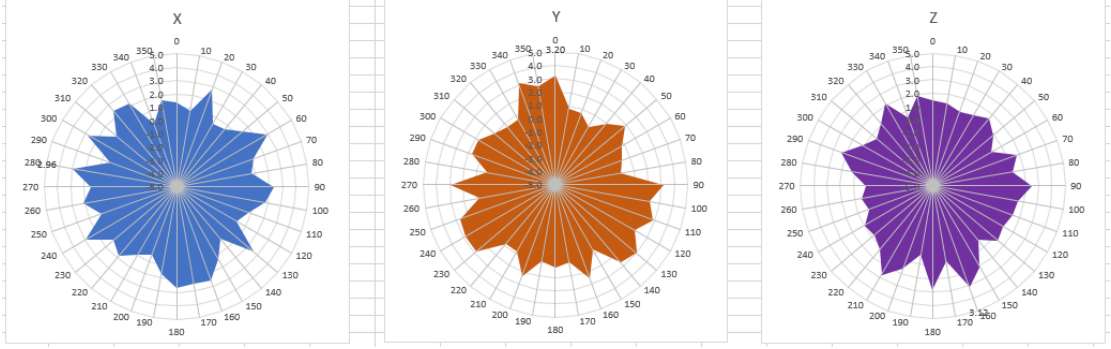
5180MHz



5220MHz

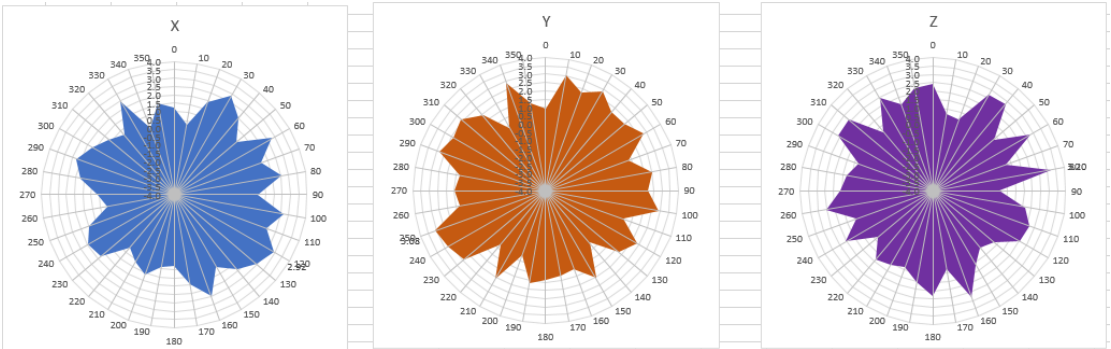


5240MHz

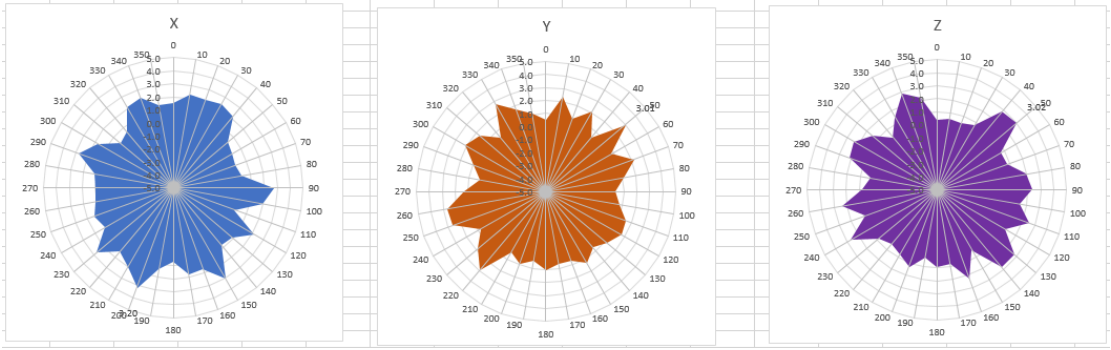




5745MHz



5785MHz



5825MHz

