

# 1. Antenna Description:

|                 |                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna type    | Internal Antenna                                                                                                                            |
| Model           | YY1-0292-Lora                                                                                                                               |
| Frequency range | 903MHz-914.2MHz                                                                                                                             |
| Manufacturer    | Shenzhen Xinmen united trade Co., LTD                                                                                                       |
| Address         | No. 1213-216, Jianda Industrial Zone, No.118, Xinan 3 <sup>rd</sup> Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China |
| ANT Peak Gain   | 3.00 dBi                                                                                                                                    |

# 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

Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

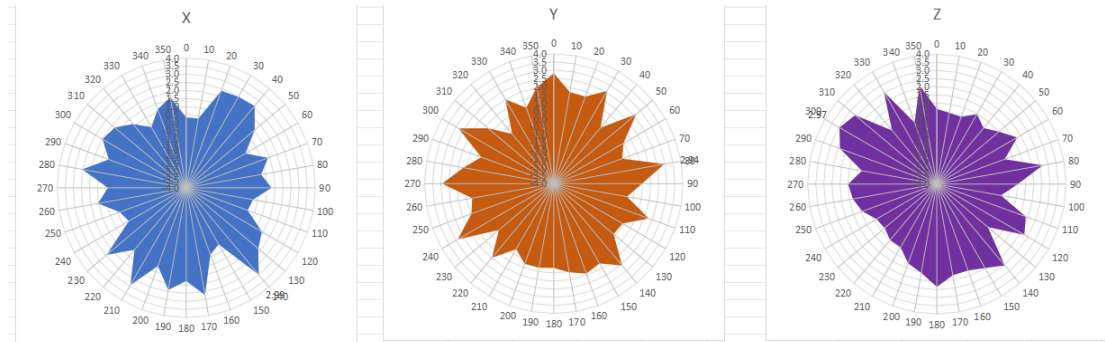
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

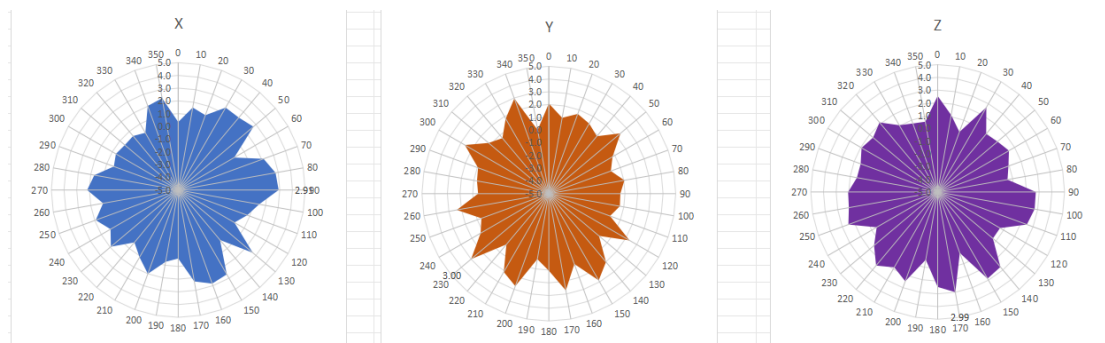


## 4 . Antenna Radiation Pattern

903.0MHz



907.8MHz



914.2MHz

