

## 1. Antenna Description:

|                 |  |
|-----------------|--|
| Antenna type    | PIFA antenna   |
| Model           | AK-3820S   |
| Frequency range | 2400-2500MHz   |
| Manufacturer    | Shenzhen Tenganda Intelligent Equipment Co., Ltd   |
| Address         | Second floor, building B, No. 1, Bantian shangxue science<br>And Technology Park, Longgang District, Shenzhen,<br>Guangdong, China |
| ANT Peak Gain   | 1.22 dBi   |

## 2. Antenna Photo:

Length:29.50mm

Width:8.74mm



### 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

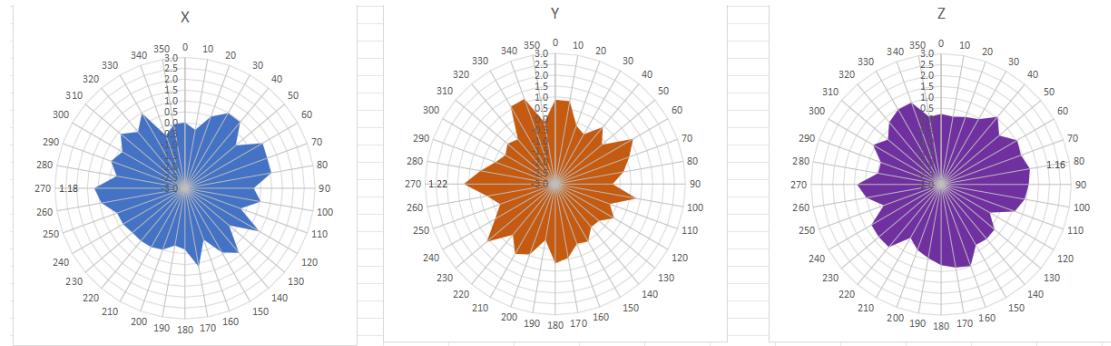
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

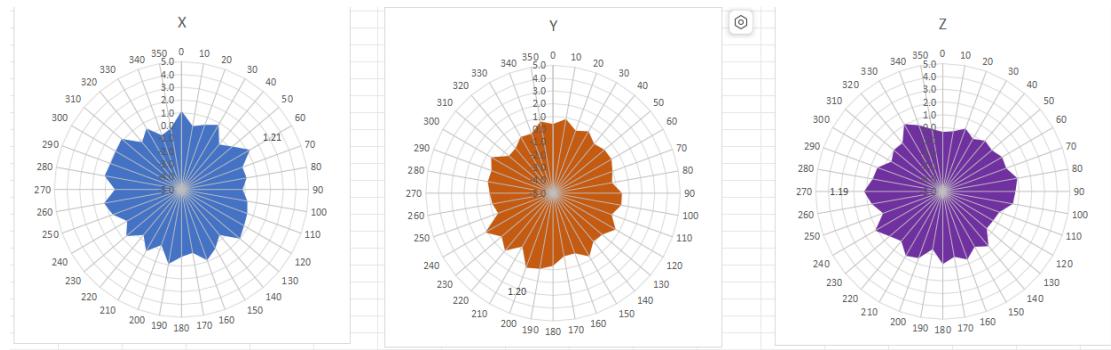


## 4 . Antenna Radiation Pattern

2400MHz



2450MHz



2500MHz

