

# 1. Antenna Description:

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| Antenna type    | PCB antenna                                             |
| Model           | PBX-831                                                 |
| Frequency range | 2400-2500MHz                                            |
| Manufacturer    | QFX Inc.                                                |
| Address         | 2957 E. 46th Street, Vernon, Ca. 90058 Vernon, CA 90058 |
| ANT Peak Gain   | 1.39 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

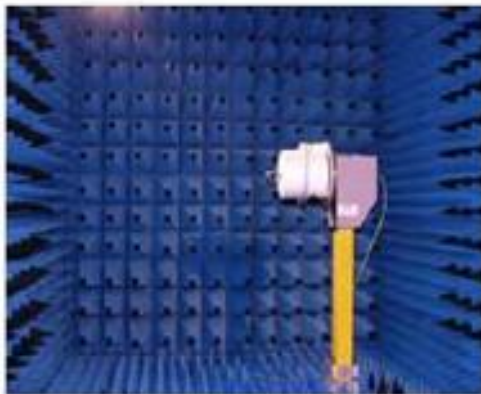
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

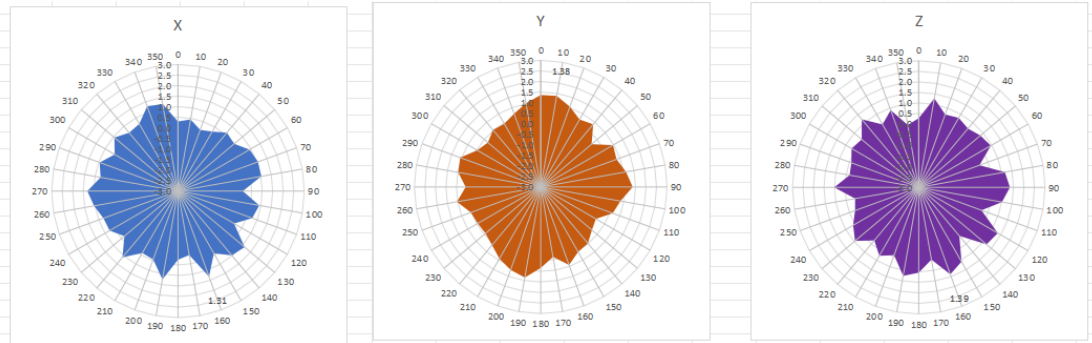
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

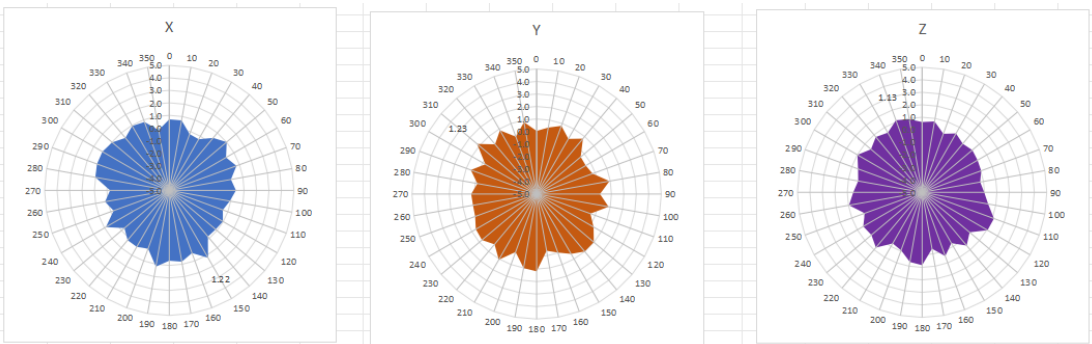


## 4 . Antenna Radiation Pattern

2400MHz



2450MHz



2500MHz

