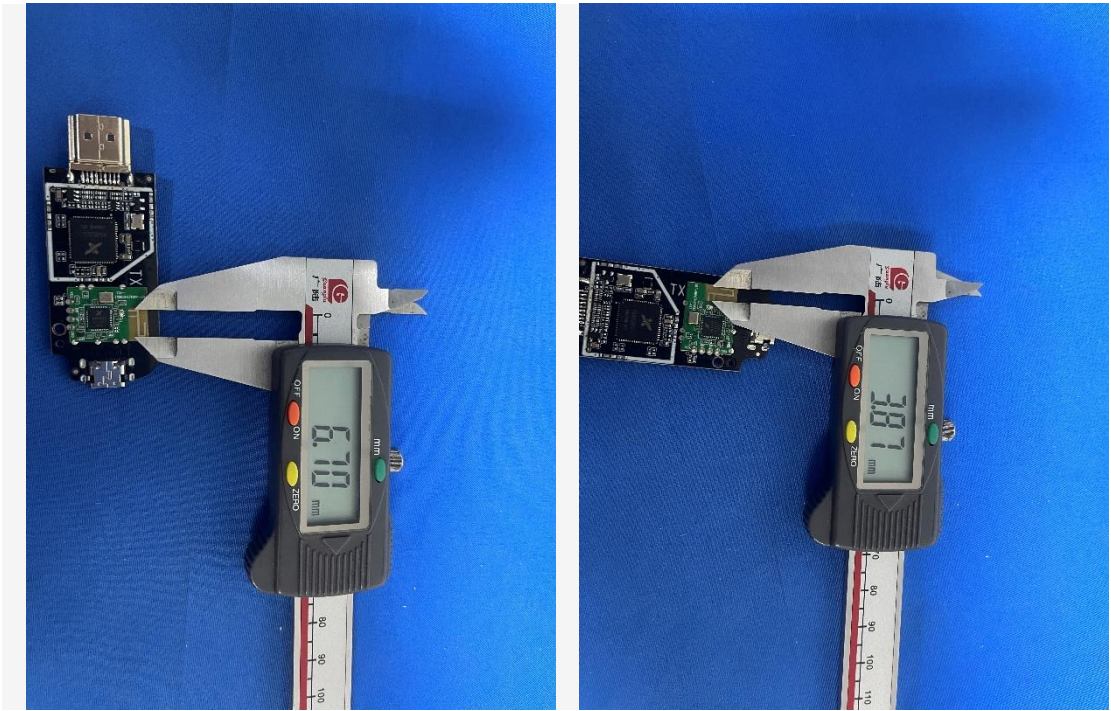


1. Antenna Description:

Antenna type	PCB antenna
Model	ODG610
Frequency range	5180MHz-5240MHz, 5745MHz-5825MHz
Manufacturer	Shenzhen Yiteng Technology Co., Ltd.
Address	8th Floor, 8D, Yi'an Zhi Fu Building, Longcheng Street, Longgang District,Shenzhen China
ANT Peak Gain	1.62 dBi for 5180MHz-5240MHz, 1.62 dBi for 5745MHz-5825MHz

2. Antenna Photo:

Length :6.70mm
Width:3.87mm



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

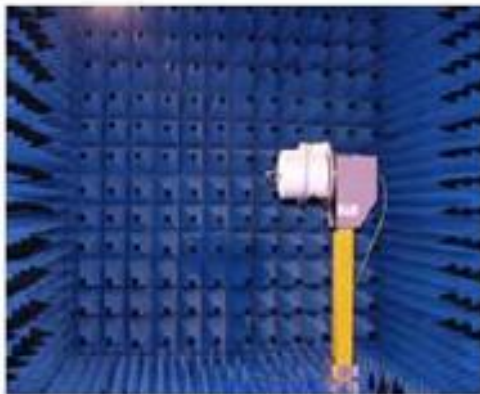
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

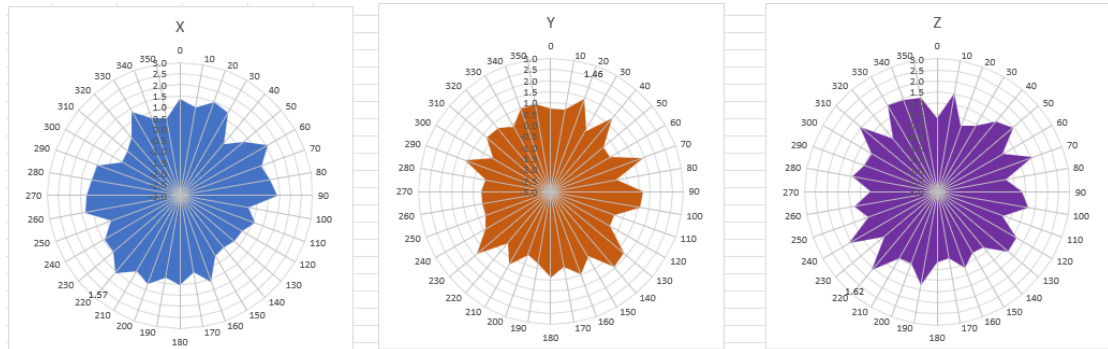
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

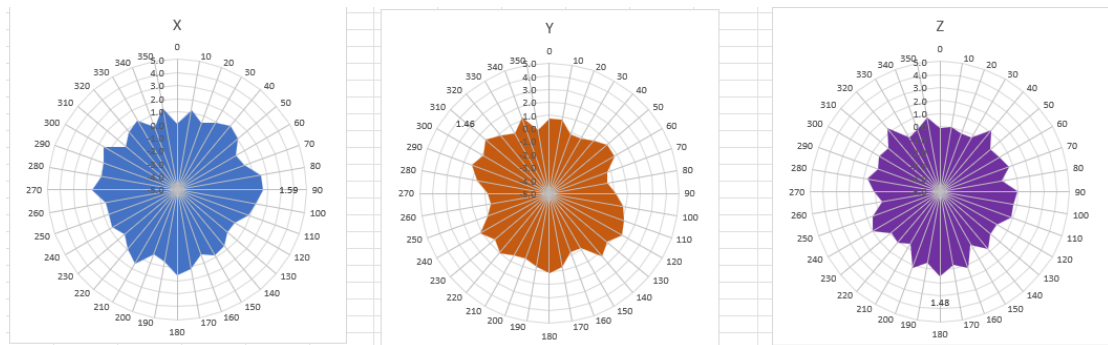


4 . Antenna Radiation Pattern

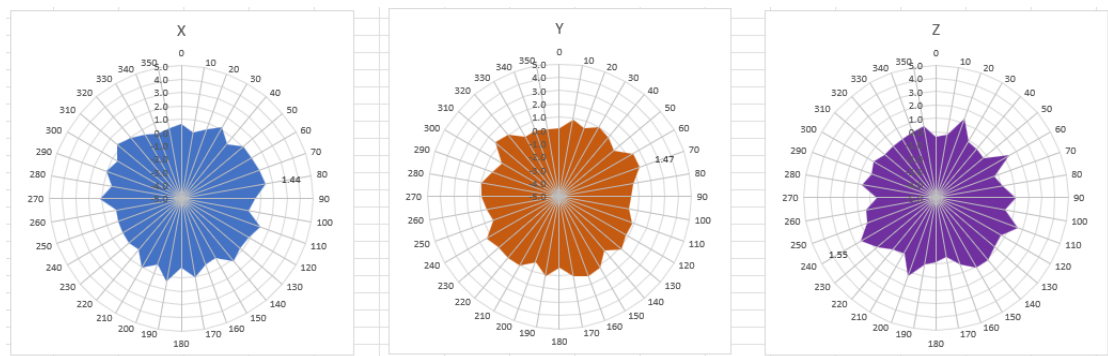
5180MHz



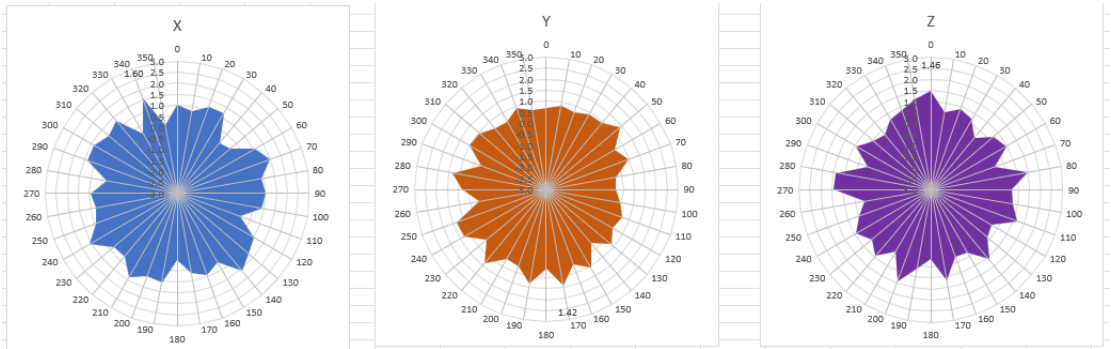
5220MHz



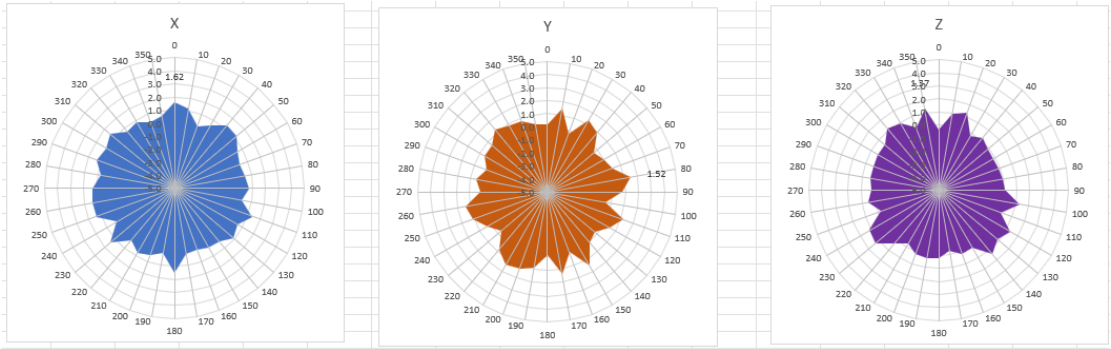
5240MHz



5745MHz



5785MHz



5825MHz

