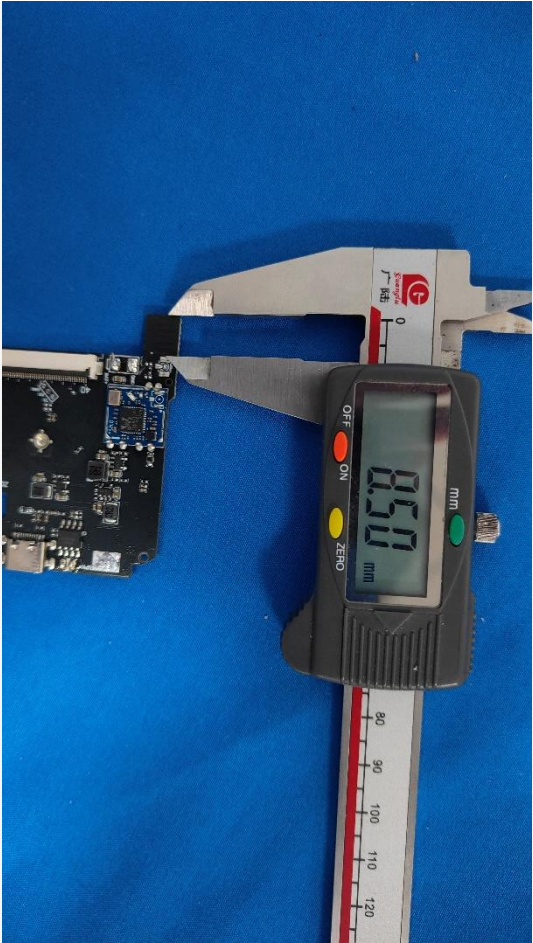
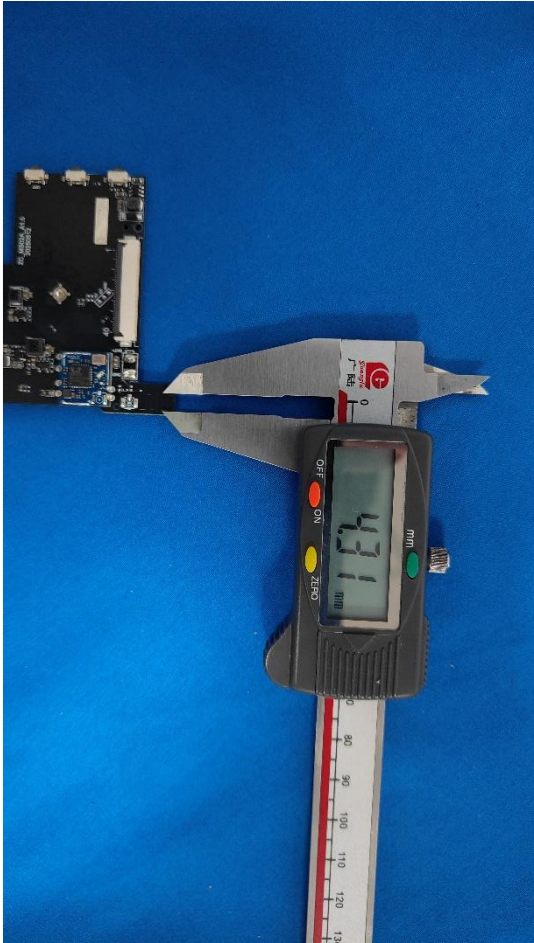


1. Antenna Description:

Antenna type	PCB antenna
Model	MS02
Frequency range	2400-2500MHz, 5745-5825MHz
Manufacturer	Shenzhen Fotorgear Techonolgy Co.,Ltd.
Address	No.12, Area A, 6th Floor, Shenzhou Computer Building, Bantian Street, Longgang District, Shenzhen, China
ANT Peak Gain	2400-2500MHz: 0.93 dBi 5745-5825MHz: 0.97 dBi

2. Antenna Photo:

Length :8.50mm
Width:4.31mm



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

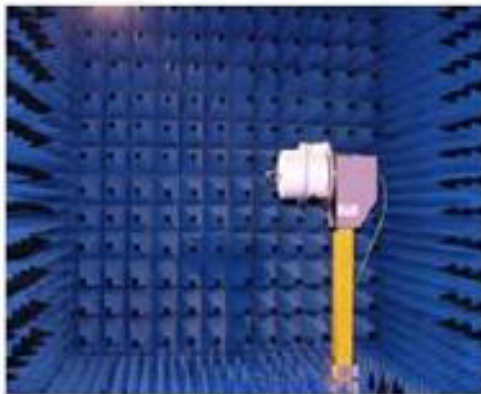
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

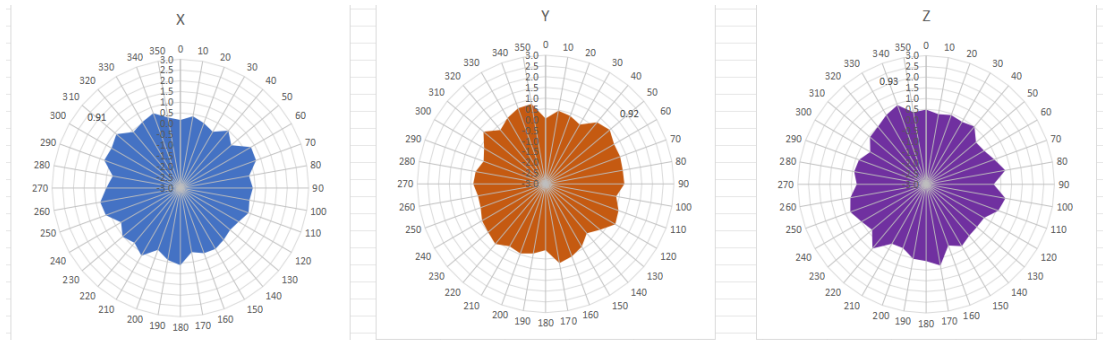
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

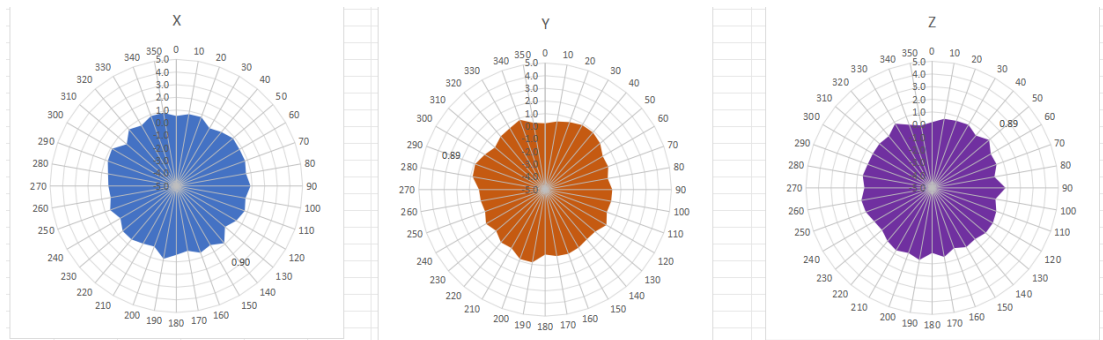


4 . Antenna Radiation Pattern

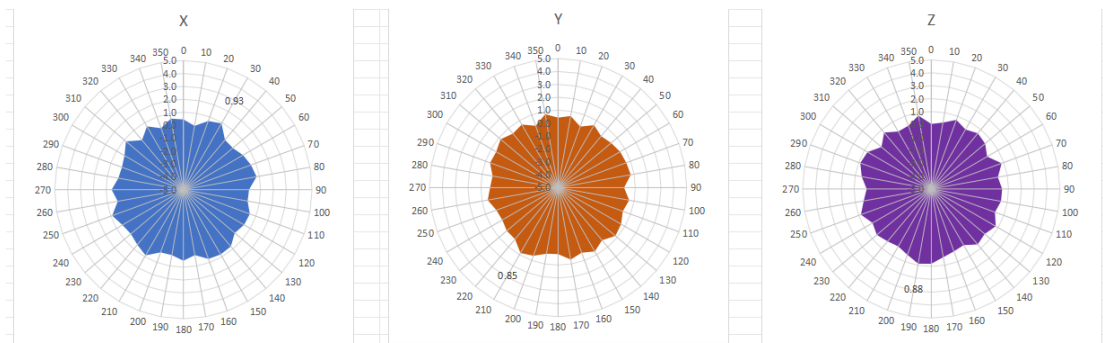
2400MHz



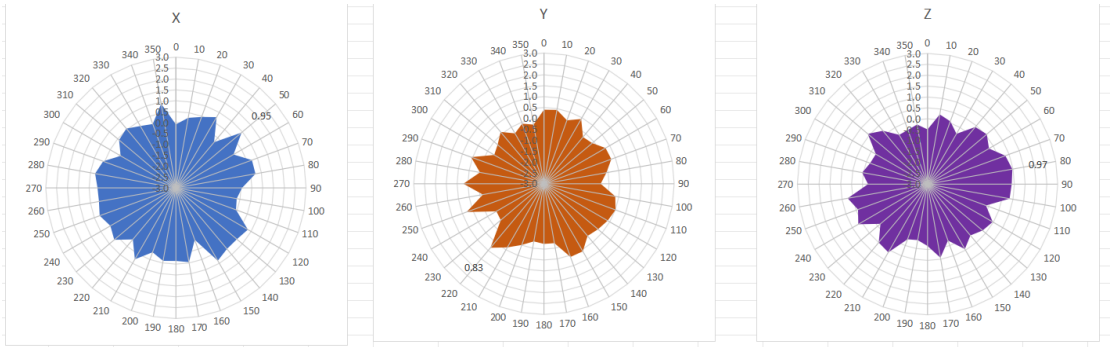
2450MHz



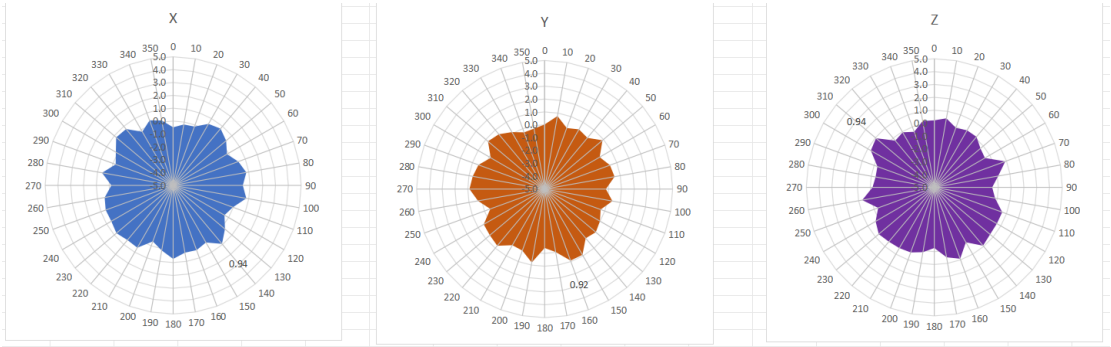
2500MHz



5745MHz



5785MHz



5825MHz

