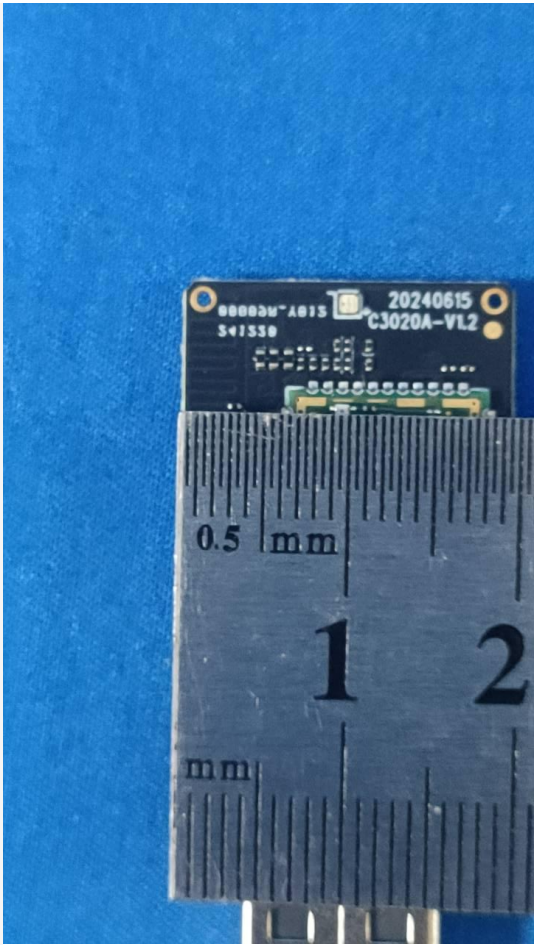
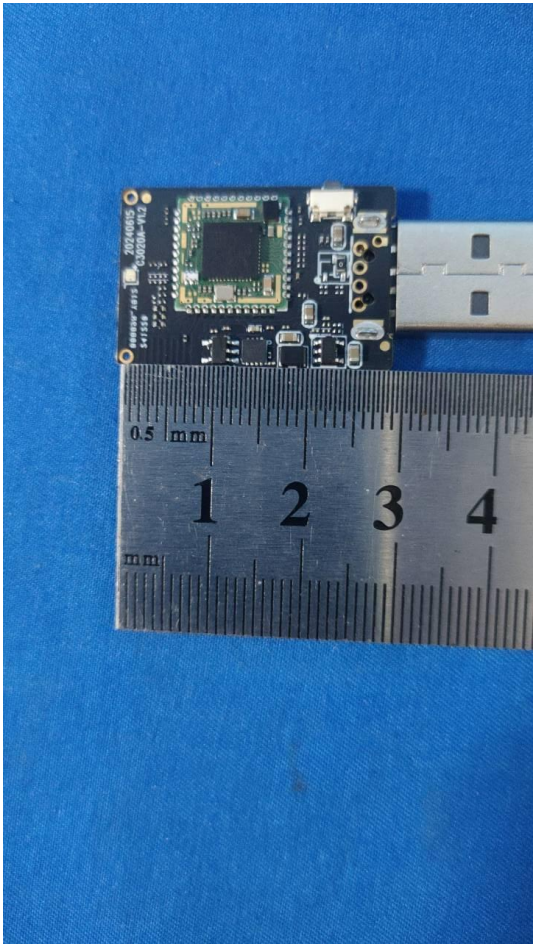


1. Antenna Description:

Antenna type	PCB antenna
Model	CP1-G
Frequency range	2400-2500MHz, 5180-5240MHz
Manufacturer	Shenzhen Pinwei Technology Co.,Ltd
Address	3rd Floor, Building 2, Longfeng Industrial Park, No.3 Tianxi Road, Fucheng Street, Longhua District, Shenzhen City, Guangdong Province, China
ANT Peak Gain	2400-2500MHz: 0.22 dBi 5180-5240MHz: 0.17 dBi

2. Antenna Photo:

Length:7.5mm
Width:3.9mm



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

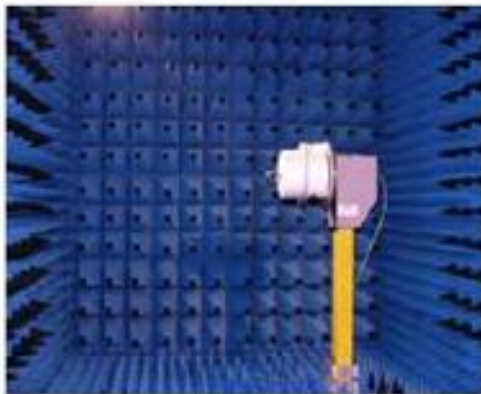
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

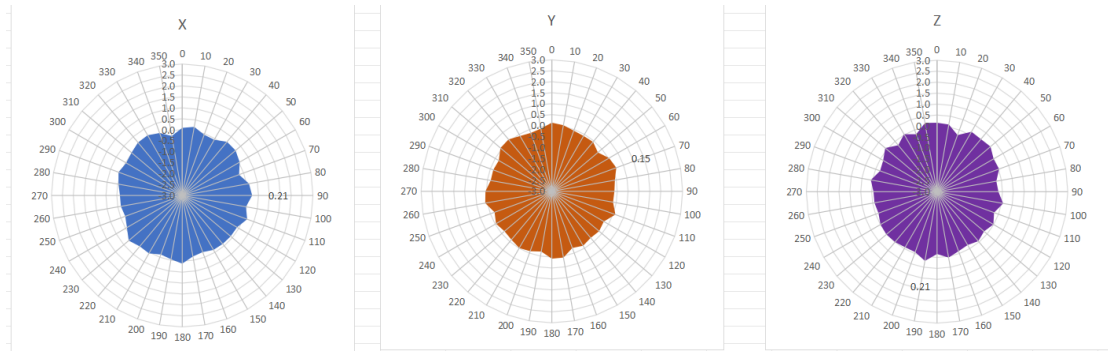
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

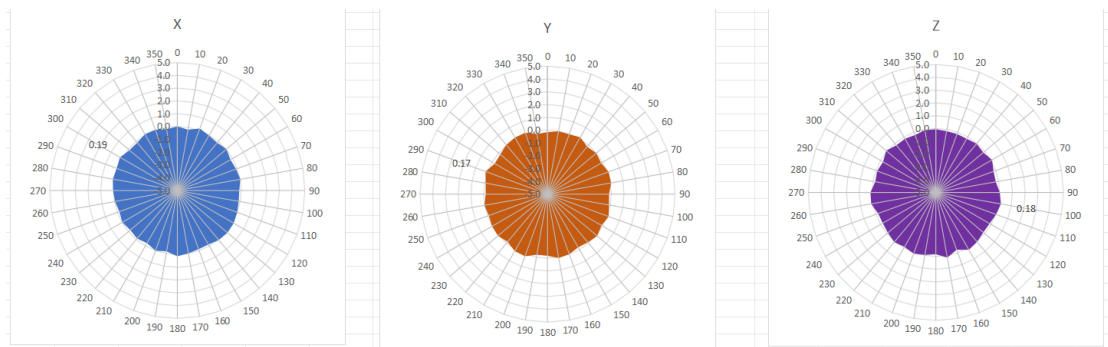


4 . Antenna Radiation Pattern

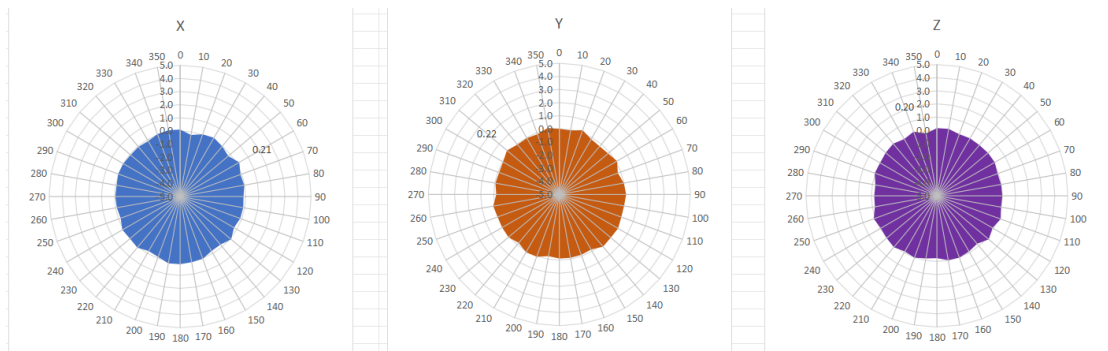
2400MHz



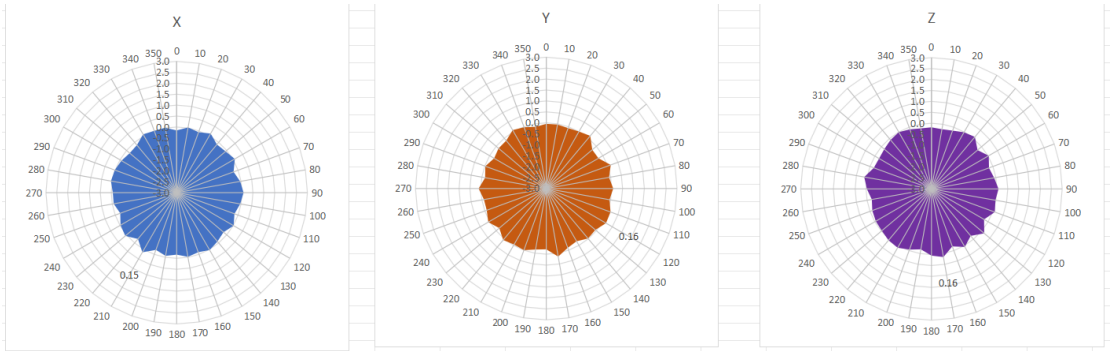
2450MHz



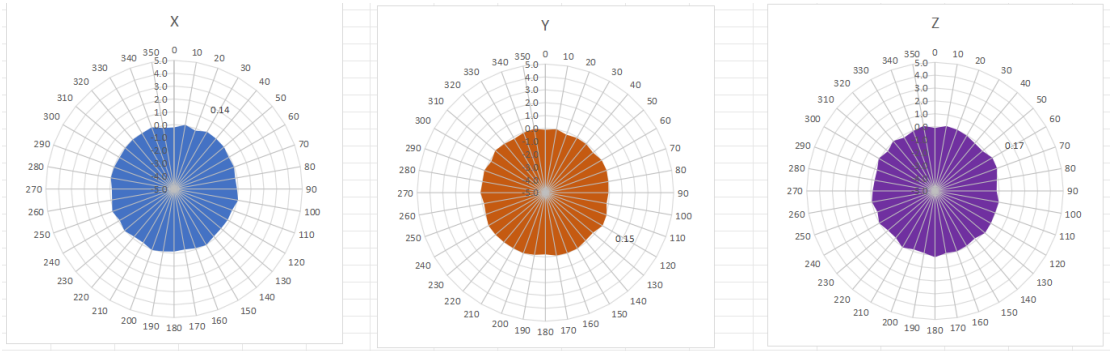
2500MHz



5180MHz



5220MHz



5240MHz

