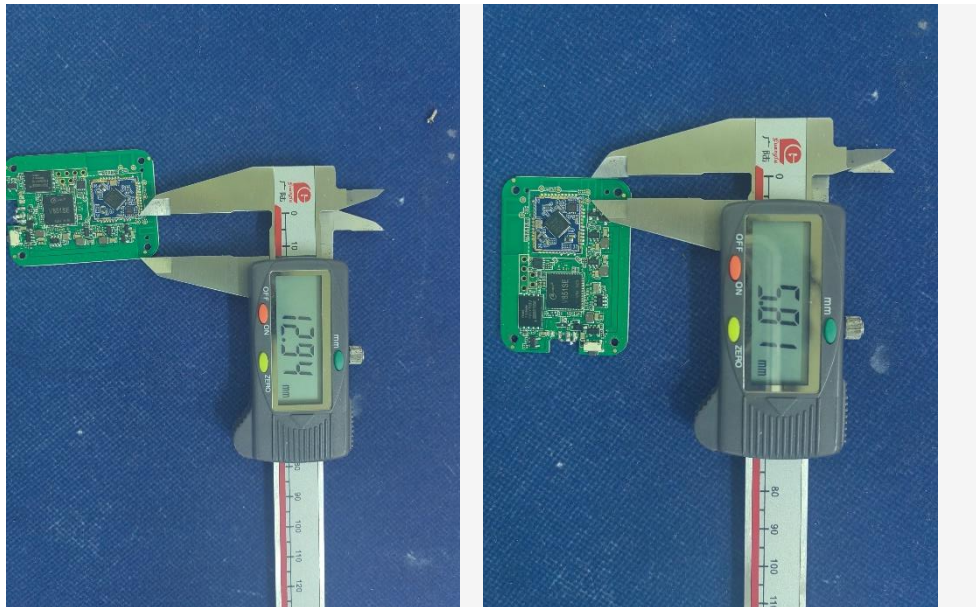


1. Antenna Description:

Antenna type	PCB antenna
Model	CARPLE-CPW
Frequency range	5180-5240MHz, 5745-5825MHz
Manufacturer	Carple LTD
ANT Peak Gain	5180-5240MHz: 0.72 dBi 5745-5825MHz: 0.65 dBi

2. Antenna Photo:

Length: 12.94mm
Width: 5.81mm



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

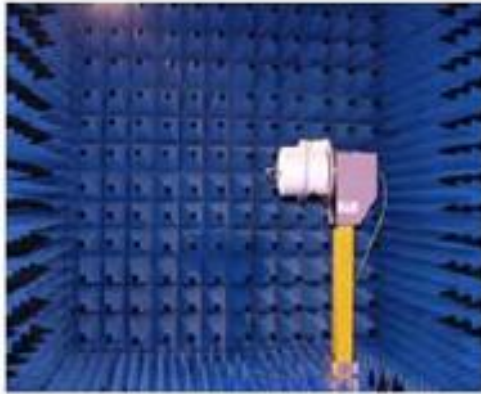
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

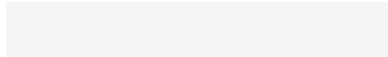
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

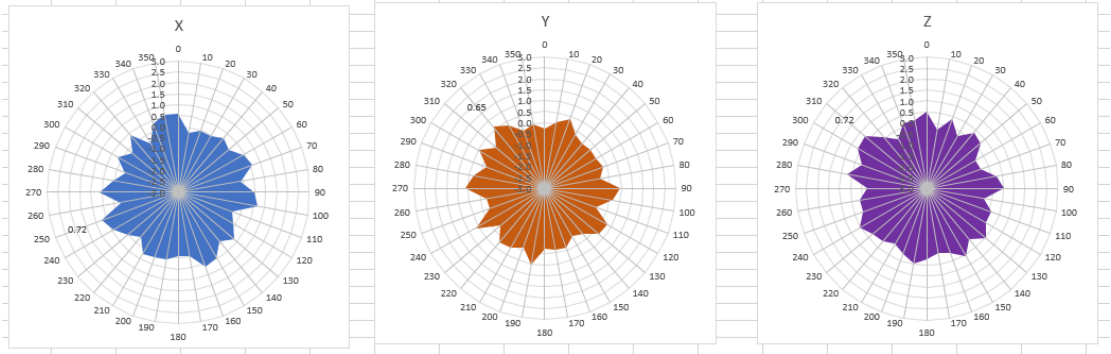
Passive efficiency testing equipment: Agilent Technologies E5071B



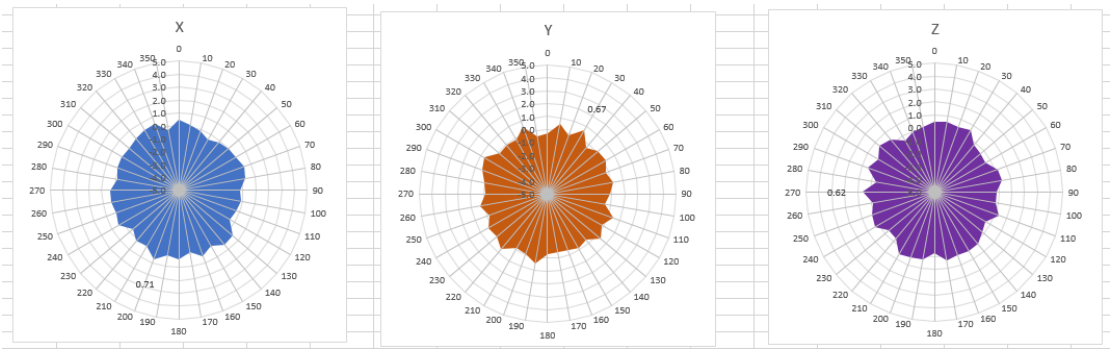
4 . Antenna Radiation Pattern



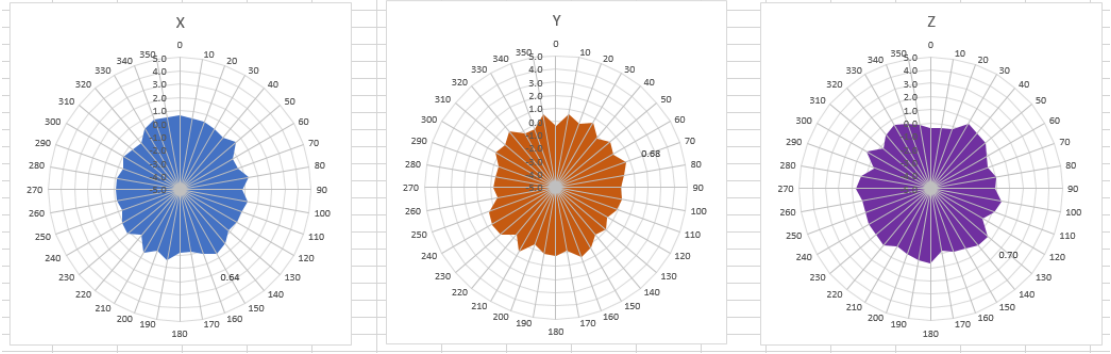
5180MHz



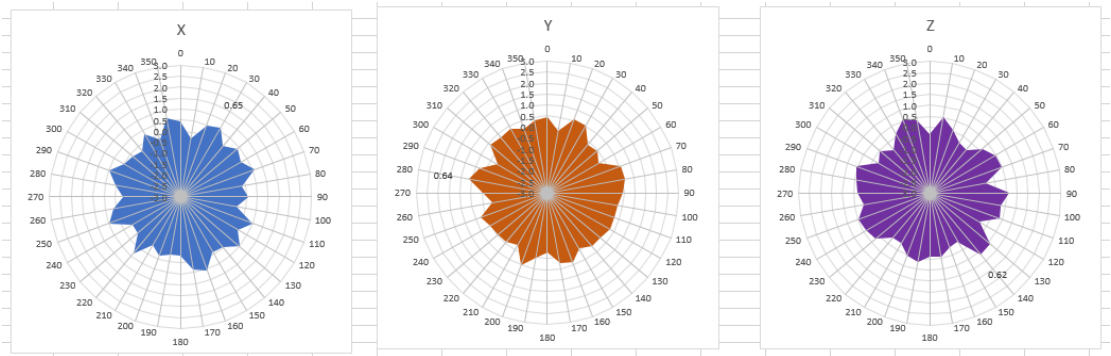
5220MHz



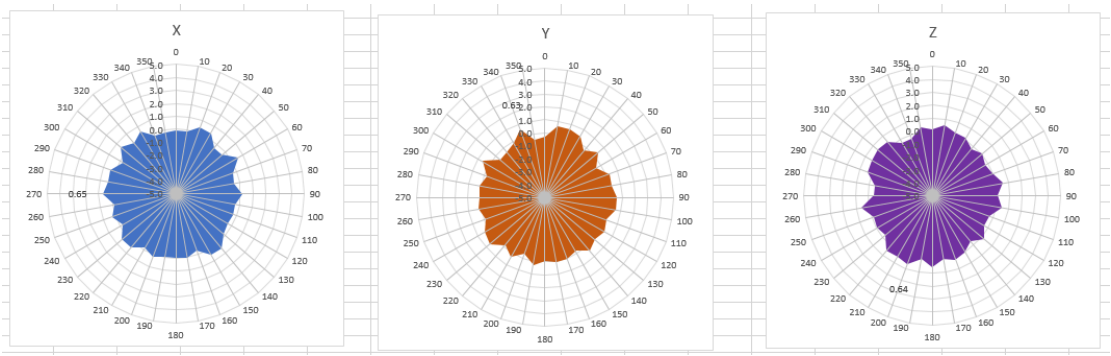
5240MHz



5745MHz



5785MHz



5825MHz

