

1. Antenna Description:

Antenna type	PIFA antenna
Model	MS-8-CM5-B-3
Frequency range	5180-5240MHz, 5745-5825MHz
Manufacturer	MYPLAYER LTD
Address	250a Kennington Lane, Vauxhall, London, SE11 5RD, United Kingdom
ANT Peak Gain	1.36 dBi for 5180-5240MHz 1.49 dBi for 5745-5825MHz

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

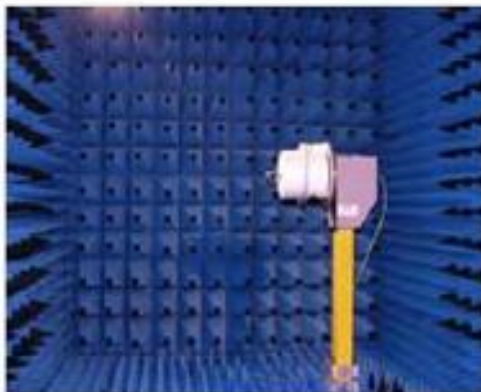
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

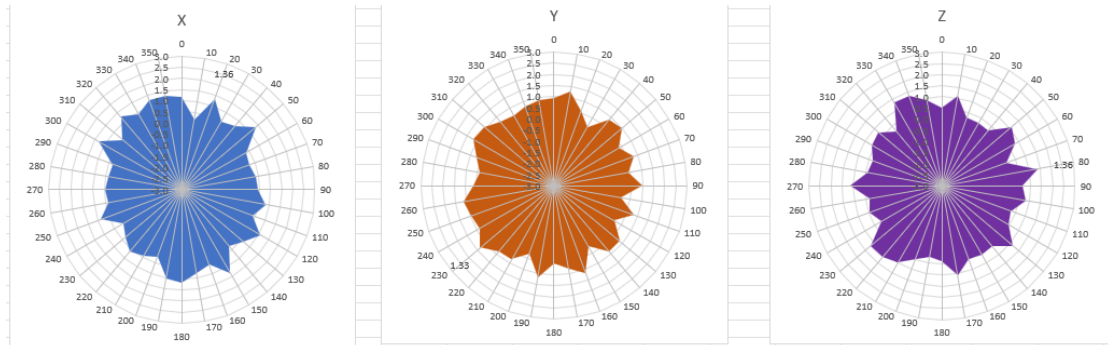
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

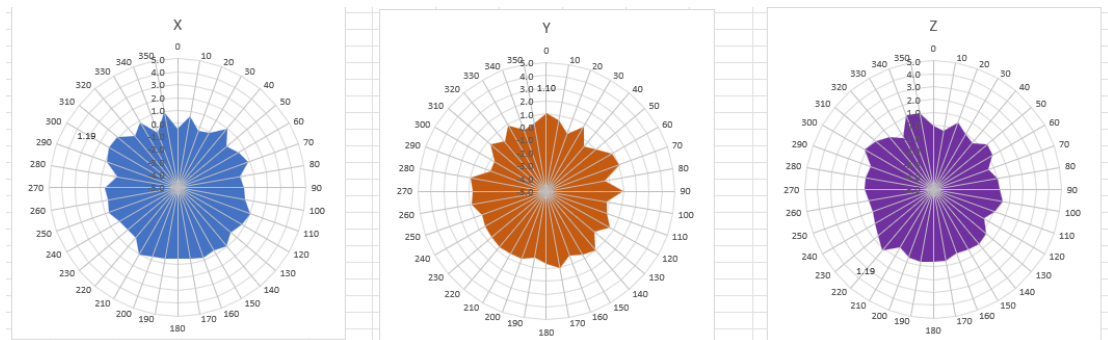


4 . Antenna Radiation Pattern

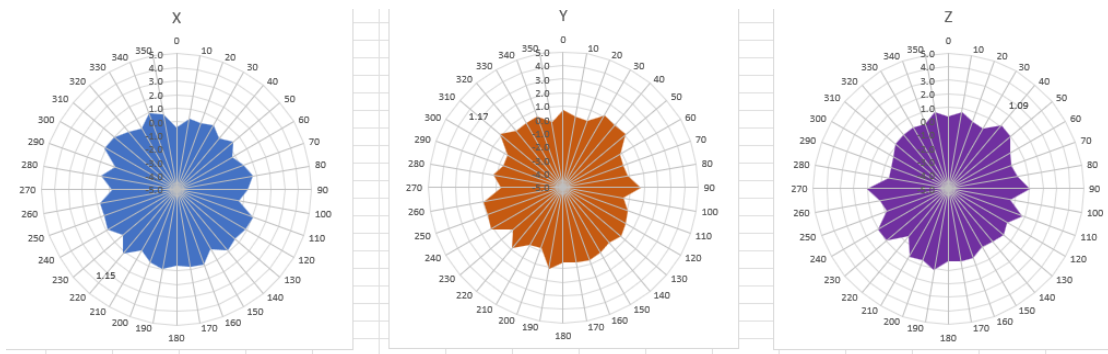
5180MHz



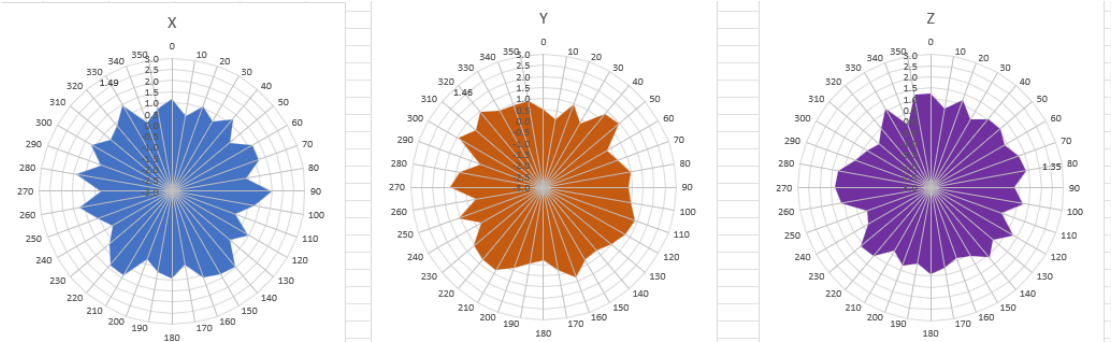
5220MHz



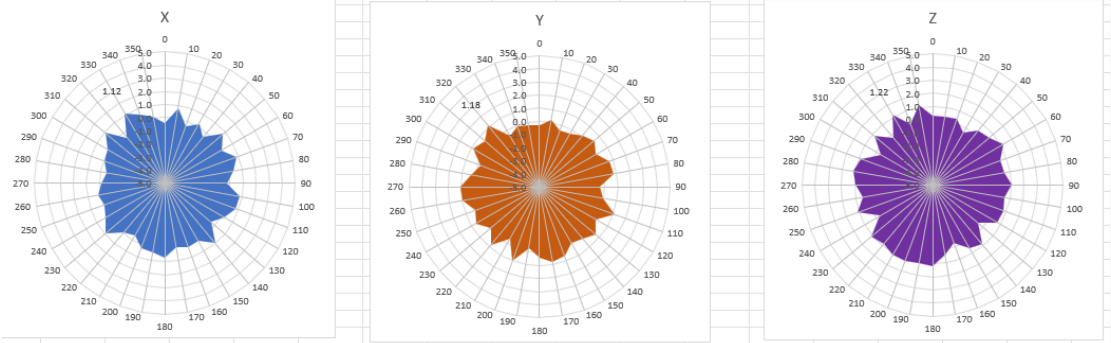
5240MHz



5745MHz



5785MHz



5825MHz

