

1. Antenna Description:

Antenna type	External antenna
Model	TW37-3
Frequency range	2400-2500MHz, 5745MHz-5825MHz
Manufacturer	Maxtop Global Trading Limited
Address	WORKSHOP 60, 3/F, BLOCK A, EAST SUN INDUSTRIAL CENTRE NO. 16 SHING YIP STREET KOWLOON, HONG KONG, China
ANT Peak Gain	2400MHz-2500MHz: 1.80 dBi 5745MHz-5825MHz: 1.91 dBi

2. Antenna Photo:

Length:50.35mm
Width:7.44mm



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

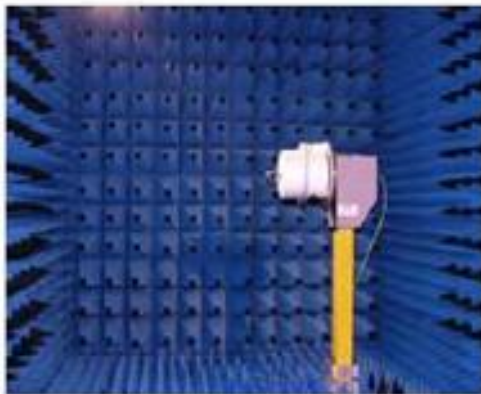
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

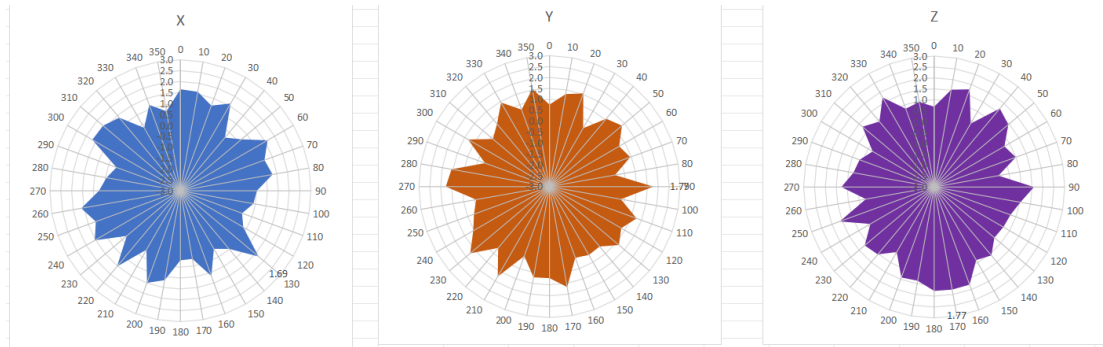
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

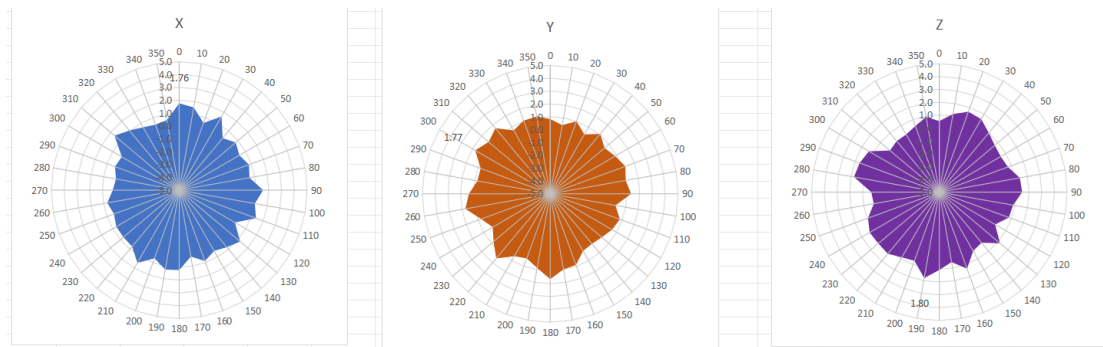


4 . Antenna Radiation Pattern

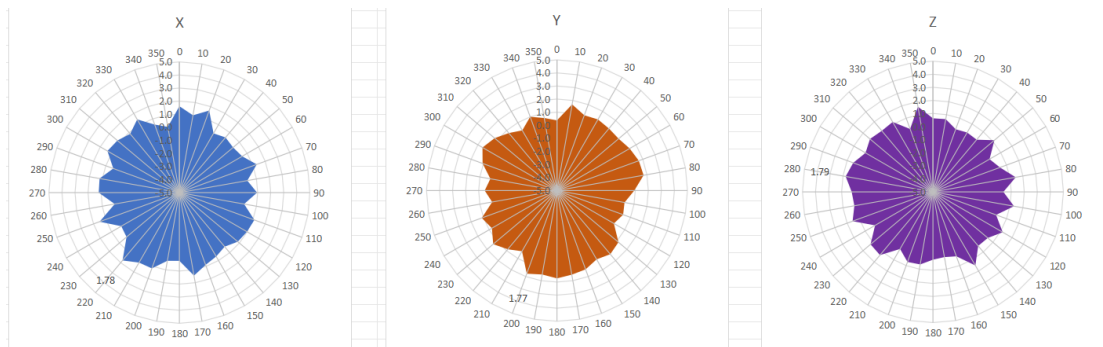
2400MHz



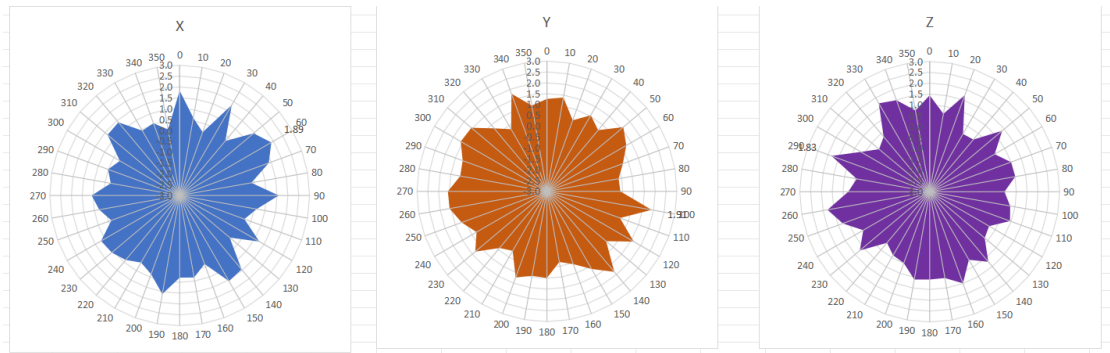
2450MHz



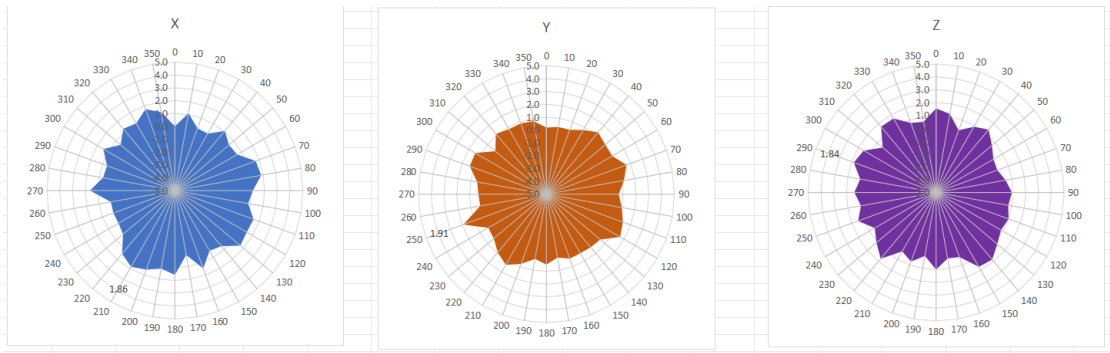
2500MHz



5745MHz



5785MHz



5825MHz

