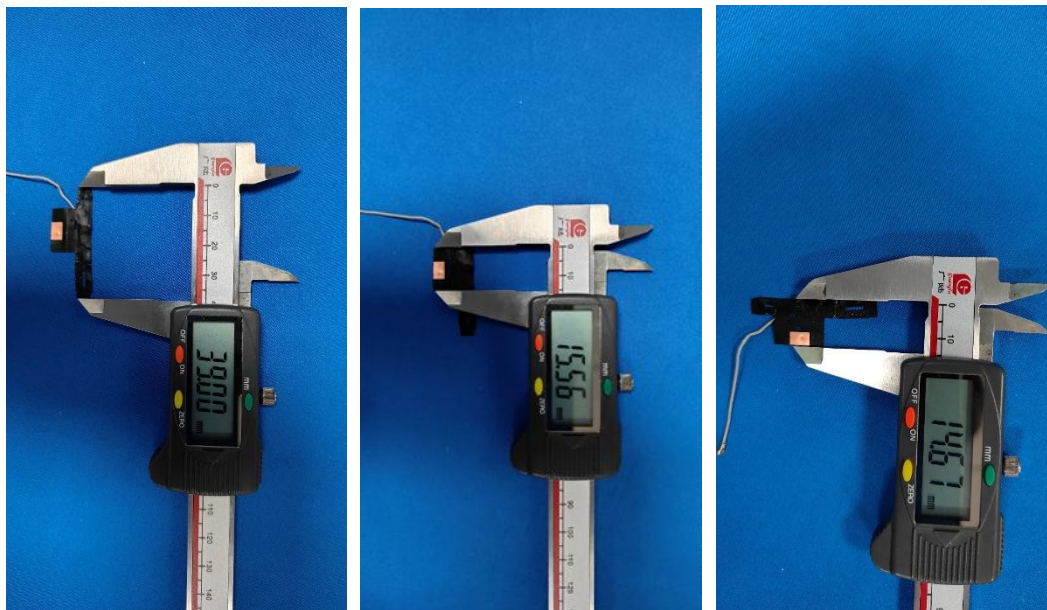


1. Antenna Description:

Antenna type	PIFA Antenna
Model	Pad One-5G
Frequency range	5180-5240MHz, 5745-5825MHz
Manufacturer	HIFIMAN KUNSHAN TECHNOLOGY GROUP CO., LTD.
Address	2nd floor, Building C1, Shangkun Zhichuang Industrial Park, No.2001 Yingbin West Road, Bacheng Town Kunshan, China
ANT Peak Gain	1.15 dBi for 5180-5240MHz 1.18 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

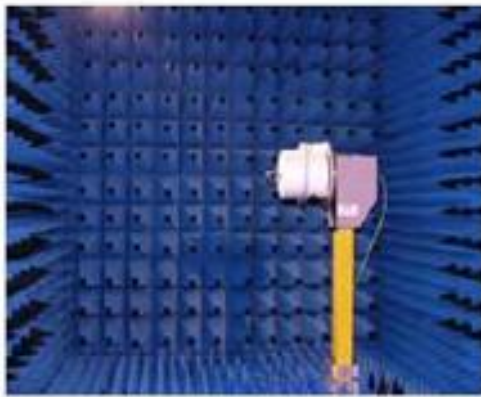
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

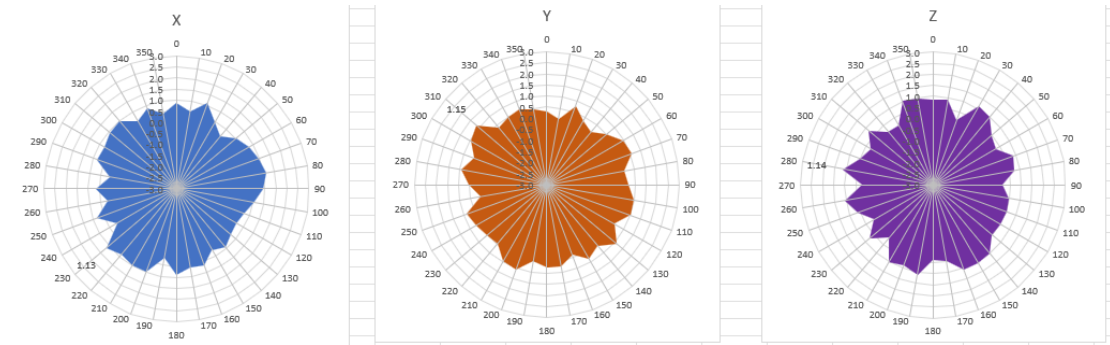
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

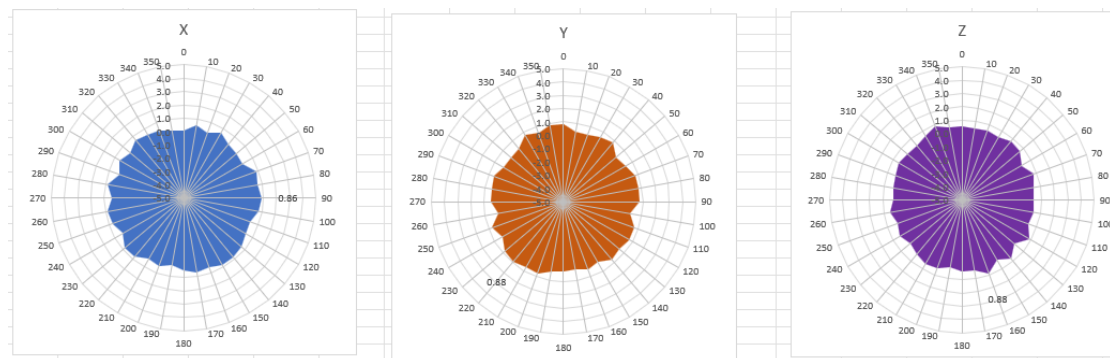


4 . Antenna Radiation Pattern

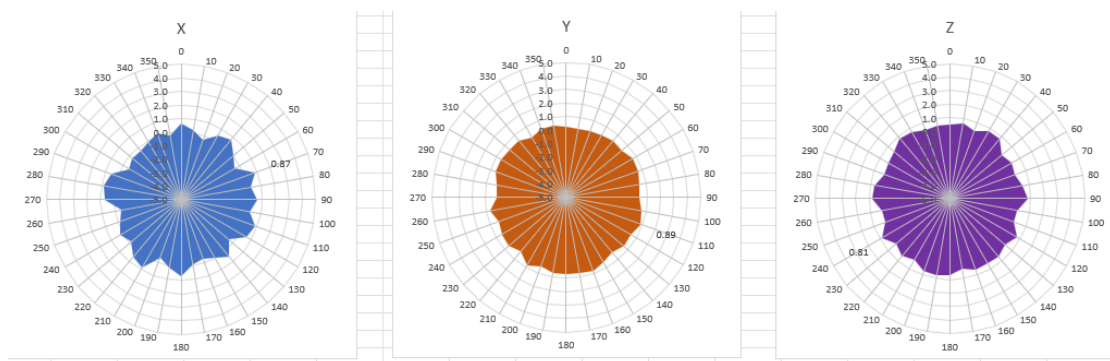
5180MHz



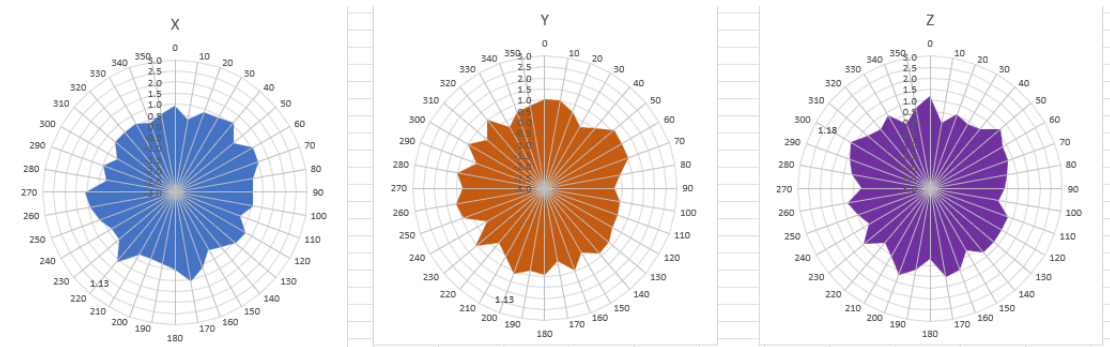
5220MHz



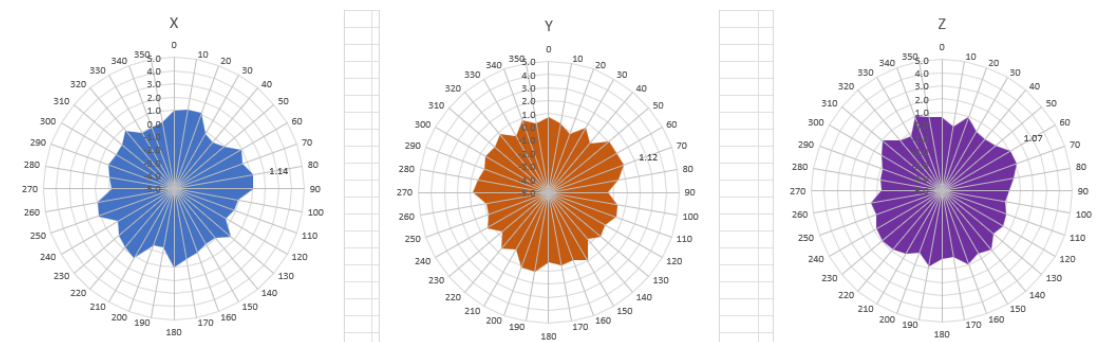
5240MHz



5745MHz



5785MHz



5825MHz

