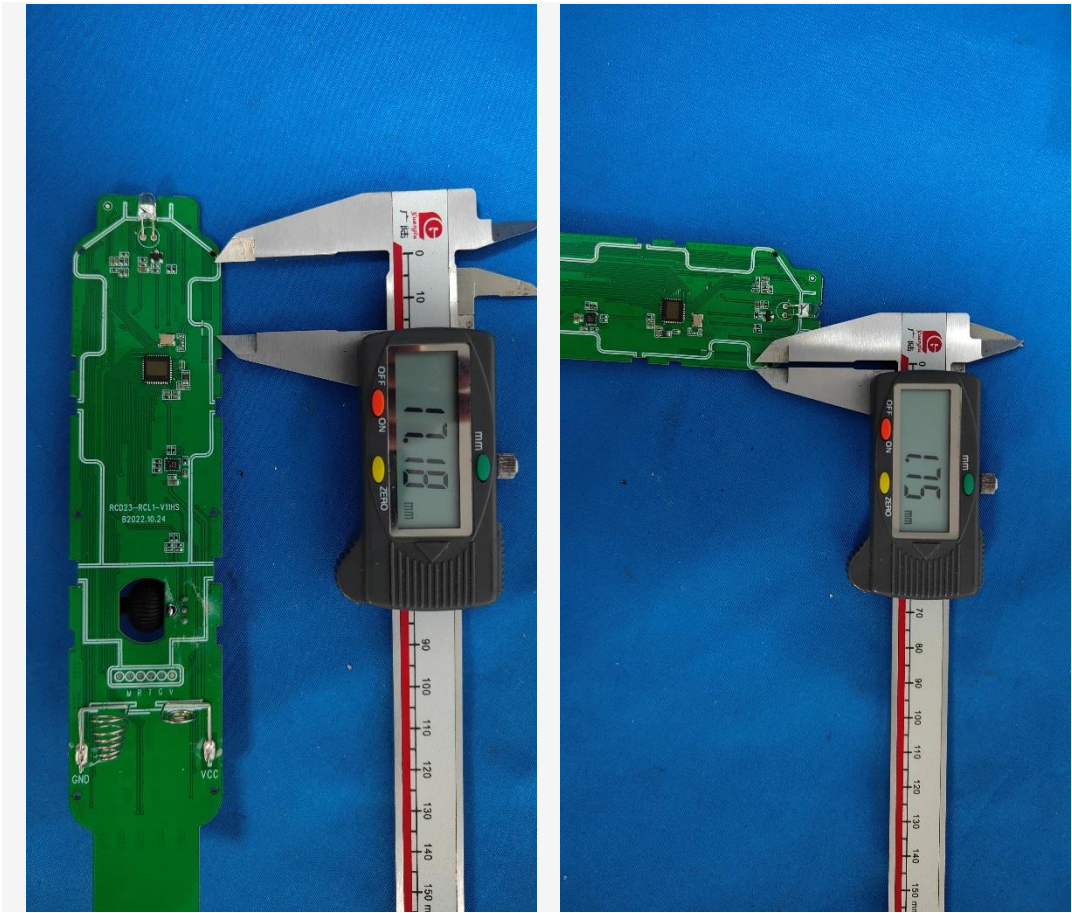


1. Antenna Description:

Antenna type	PCB antenna
Model	MR-22GA
Frequency range	2402MHz to 2480MHz
Manufacturer	shenzhenshifulutongdianzimaoyiyouxiangongsi
Address	S036 Runmingju No.33 Shengming Road Shangcun Community Gongming Subdistrict Guangming District Shenzhen City Guangdong Province China
ANT Peak Gain	1.59 dBi

2. Antenna Photo:

Length: 17.18mm
Width: 1.75mm



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

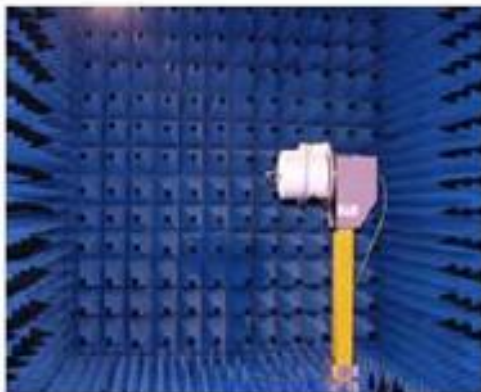
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

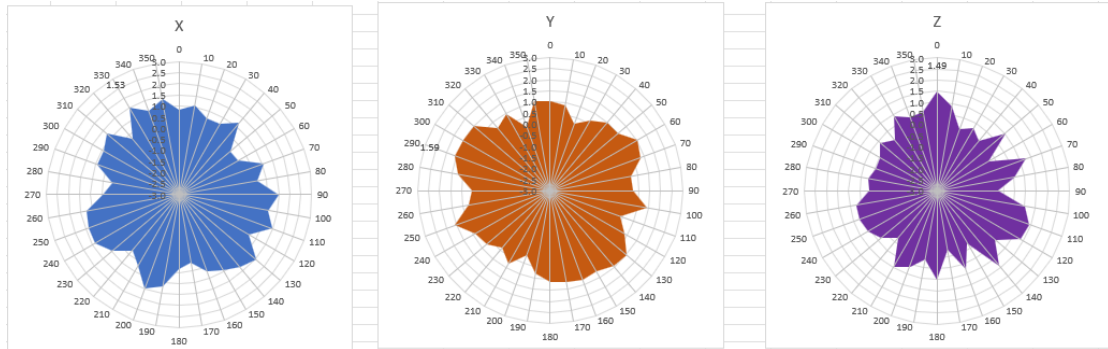
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

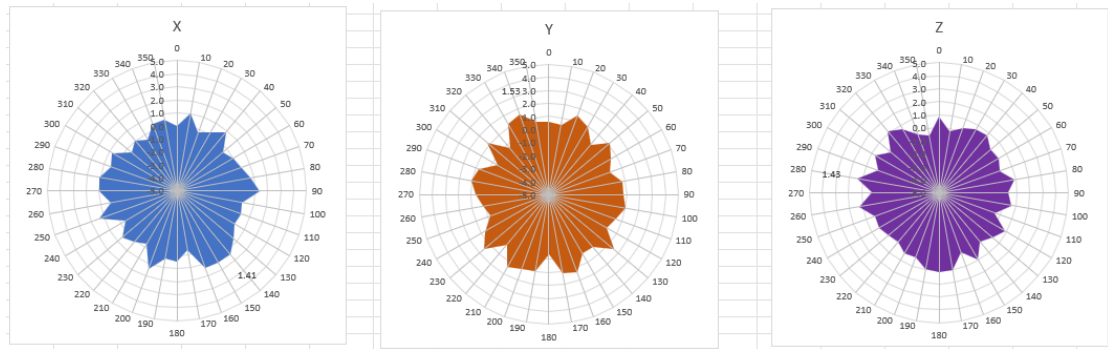


4 . Antenna Radiation Pattern

2400MHz



2450MHz



2500MHz

