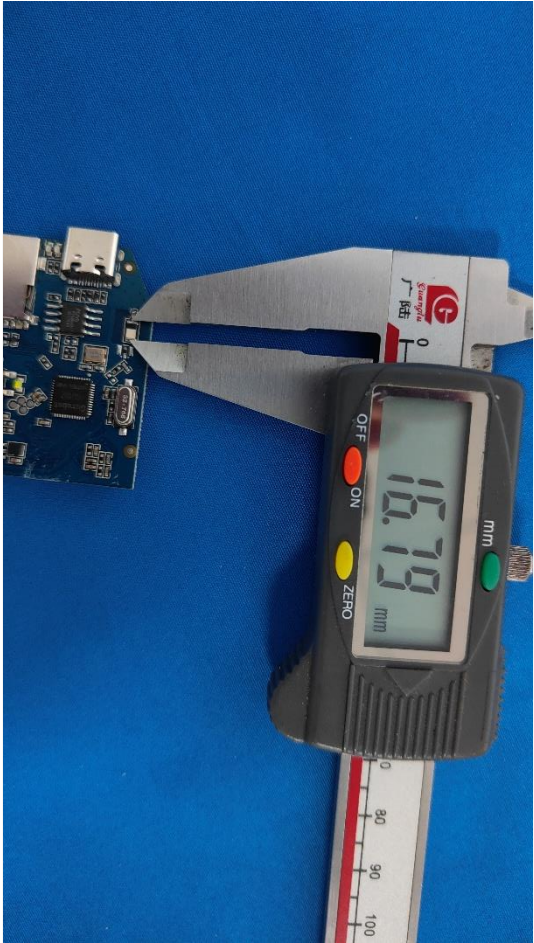


1. Antenna Description:

Antenna type	Ceramic antenna
Model	Q10
Frequency range	2412 - 2462MHz
Manufacturer	Shenzhen Bosheng Electronics Development Co.,LTD
Address	Block B, 6F, Bldg 7, HengChangRong High-tech Industrial Park, HuangTian, Baoan, Shenzhen, Guangdong 518000 China
ANT Peak Gain	1.67 dBi

2. Antenna Photo:

Length: 16.79mm
Width: 14.74mm



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

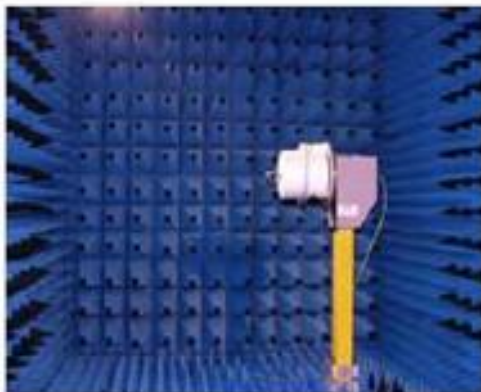
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

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

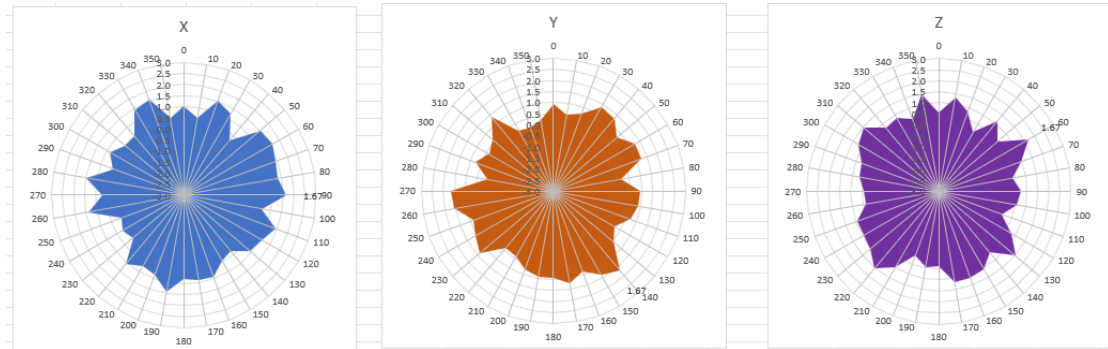
WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

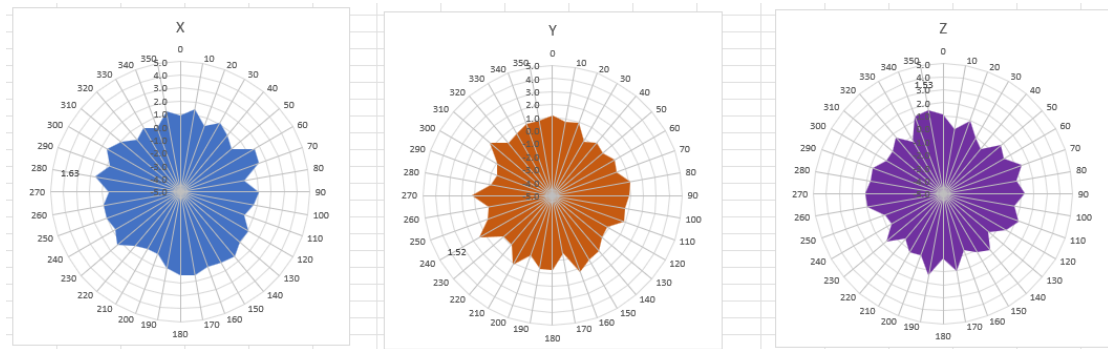


4 . Antenna Radiation Pattern

2400MHz



2450MHz



2500MHz

