# 1. Antenna Description:

Antenna type	PCB antenna
Model	SBM-215
Frequency range	2400-2500MHz
Manufacturer	Guang Zhou City Hong Xian Electronics Co., Ltd.
ANT Peak Gain	1.56 dBi

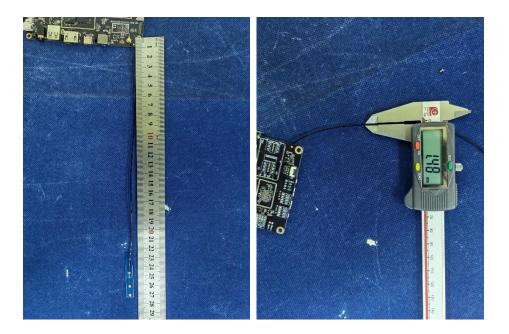
#### 2. Antenna Photo:

#### Length :47.58mm Width:8.59mm



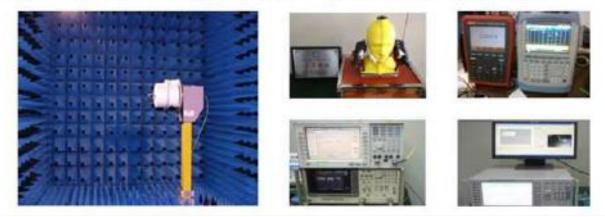


Length :275mm diameter:1.48mm



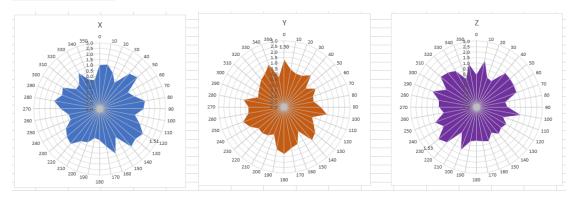
- 3. Test Equipment & Conditions
- 3.1 Test instrument
- VSWR is tested using Agilent E5071B connected to
- a hand mechanism, and the status is free space.
- 3.2 Test environment and methods

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

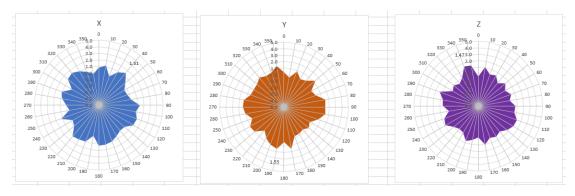


4. Antenna Radiation Pattern

# 2400MHz



#### 2450MHz



# 2500MHz

