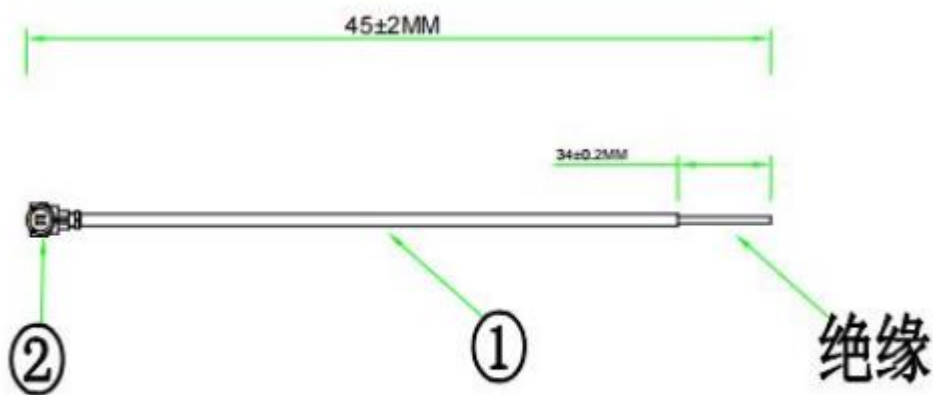


## 1. Antenna Description:

Antenna type	Internal antenna
Model	FS-0086
Frequency range	2400-2500MHz, 5150-5850MHz
Manufacturer	SHENZHEN FEISHENG ELECTRONICS CO.,LTD.

## 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

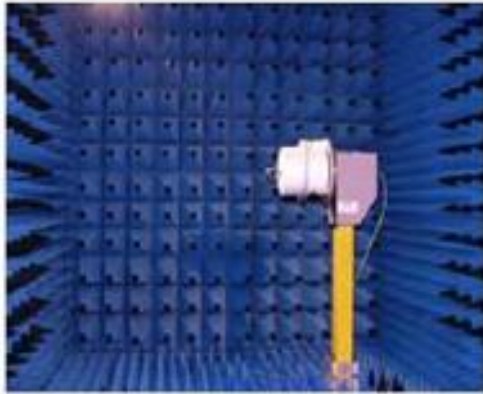
Dark room specifications: ETS-743

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

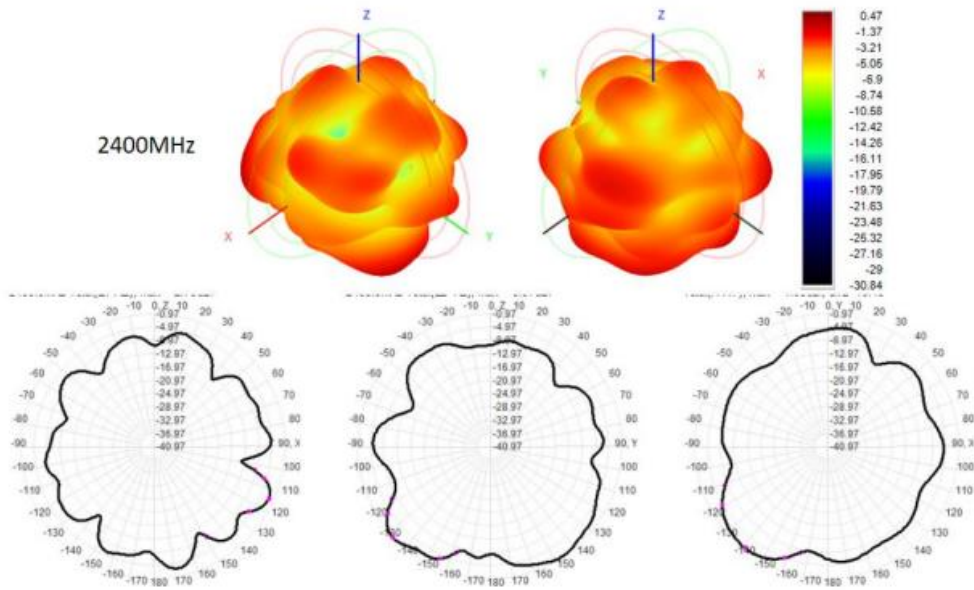


#### 4 . Antenna Radiation Pattern

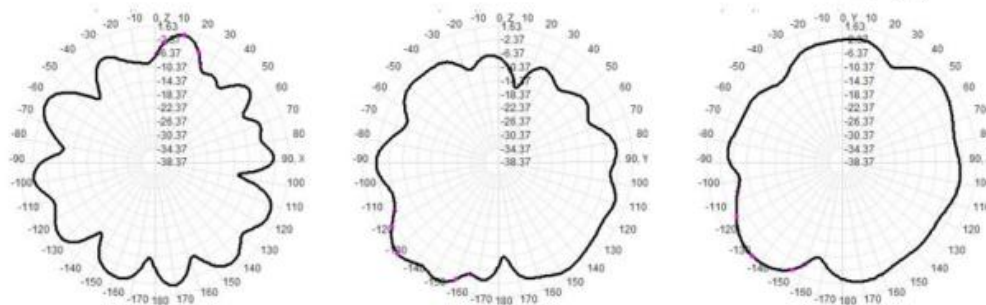
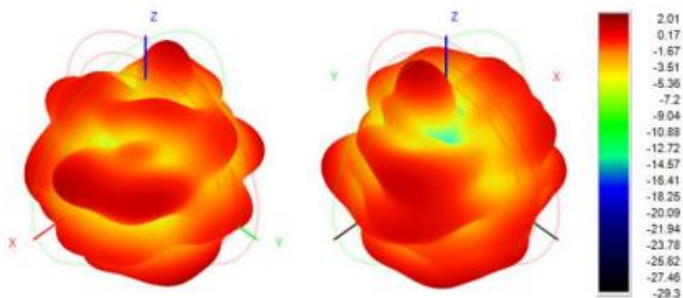
## Passive data

Frequency (MHz)(工作频段)	Efficiency (%) (效率)	Peak GAIN (dBi), (增益)
2400	30.42	1.36
2450	43.37	2.00
2500	41.53	1.54
5150	41.68	1.63
5850	45.71	1.96

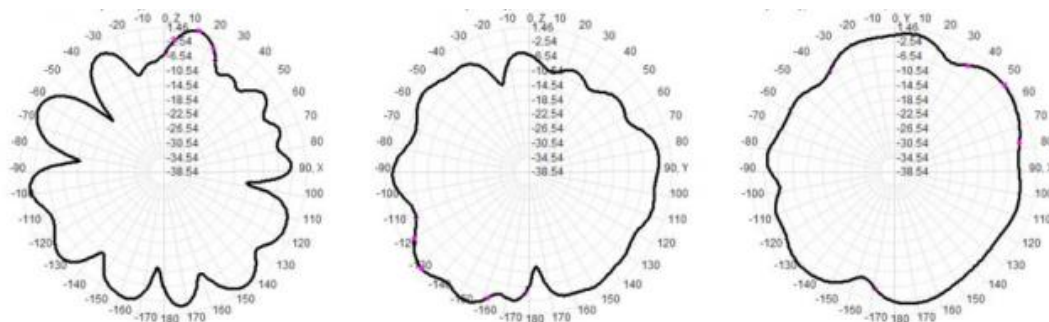
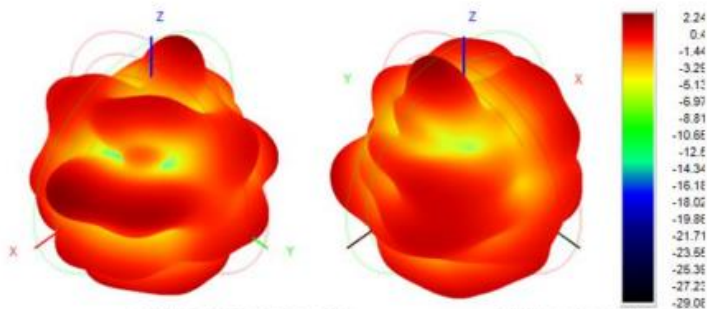
## 2D/3D Picture



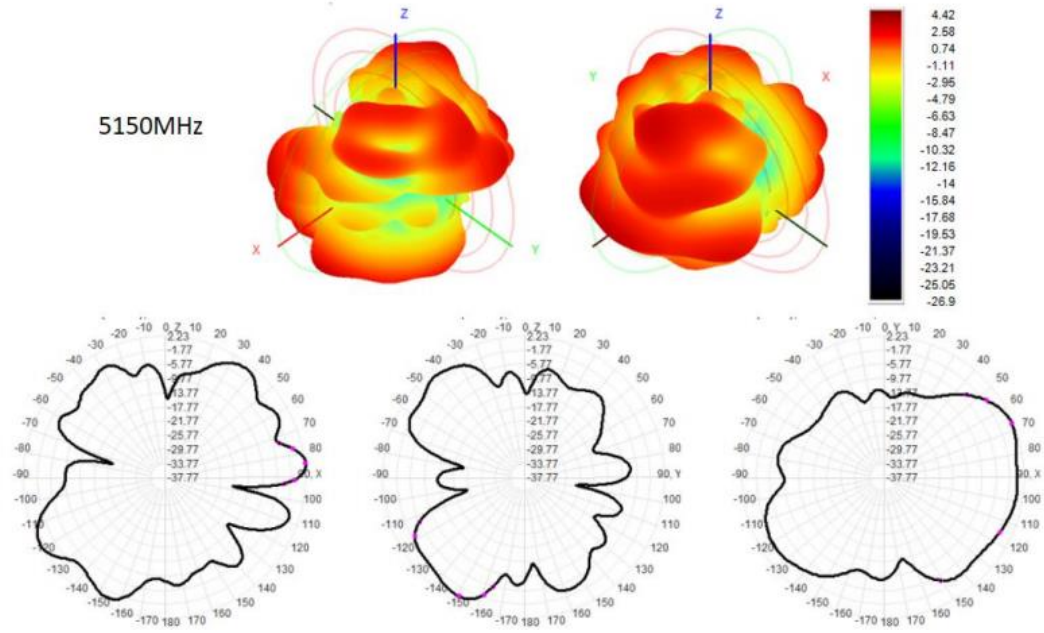
2450MHz



2500MHz



5150MHz



5850MHz

