

## 1. Antenna Description:

Antenna type	FPC antenna
Model	Q99
Frequency range	2400-2500MHz
Manufacturer	Dongguan guangjida Acoustics Technology Co.,Ltd.
ANT Peak Gain	4.11 dBi

## 2. Antenna Photo:

Length :9.94mm  
Width:5.40mm



### 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



Frequency (MHz)	2400	2450	2500
Efficiency (dB)	-2.08	-1.94	-2.15
Efficiency (%)	62	64	61
Gain (dBi)	3.43	4.11	3.67

