1. Antenna Description:

Antenna type	Internal antenna
Model	ТВ39
Frequency range	2400-2500MHz
Manufacturer	Dongguan Langchen Technology Co.,Ltd.
ANT Peak Gain	0.62 dBi

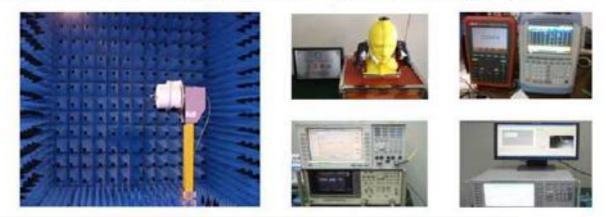
2. Antenna Photo:

Length :18.05mm Width:0.90mm



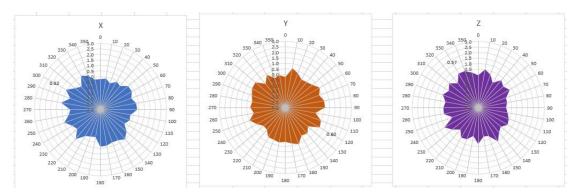
- 3. Test Equipment & Conditions
- 3.1 Test instrument
- VSWR is tested using Agilent E5071B connected to
- a hand mechanism, and the status is free space.
- 3.2 Test environment and methods

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

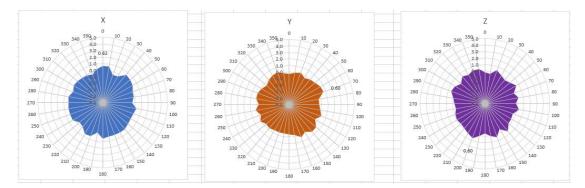


4. Antenna Radiation Pattern

2400MHz



2450MHz



2500MHz

