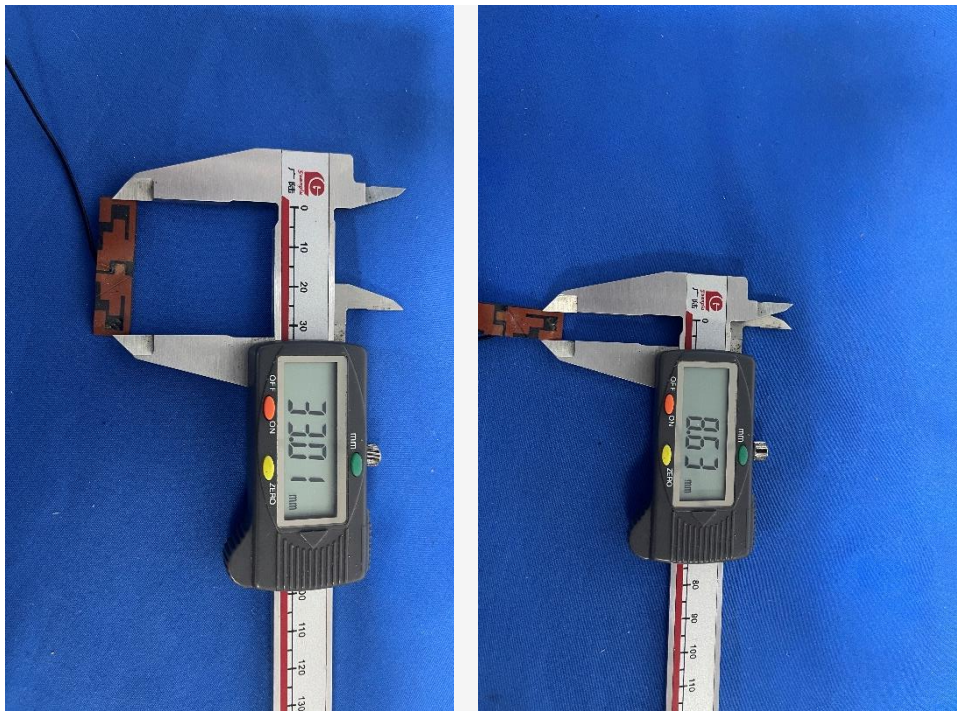


1. Antenna Description:

Antenna type	PIFA antenna
Model	HK300
Frequency range	2400-2500MHz
Manufacturer	Shenzhen Hongkang International Electronic Technology Co., Ltd.
Address	Room 202,Building 7,Zhenbao Industrial Zone,Jing long Community,Longhua Street,Longhua District,ShenZhen, China
ANT Peak Gain	3.5 dBi

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

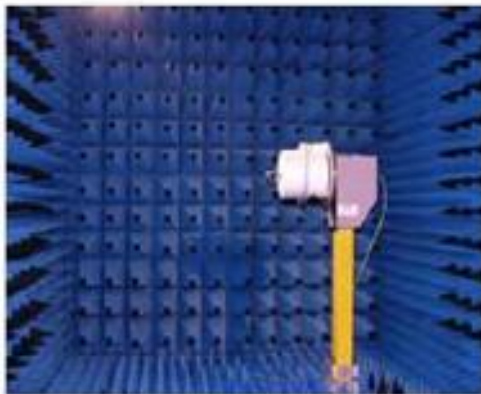
Dark room specifications: ETS-743

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

