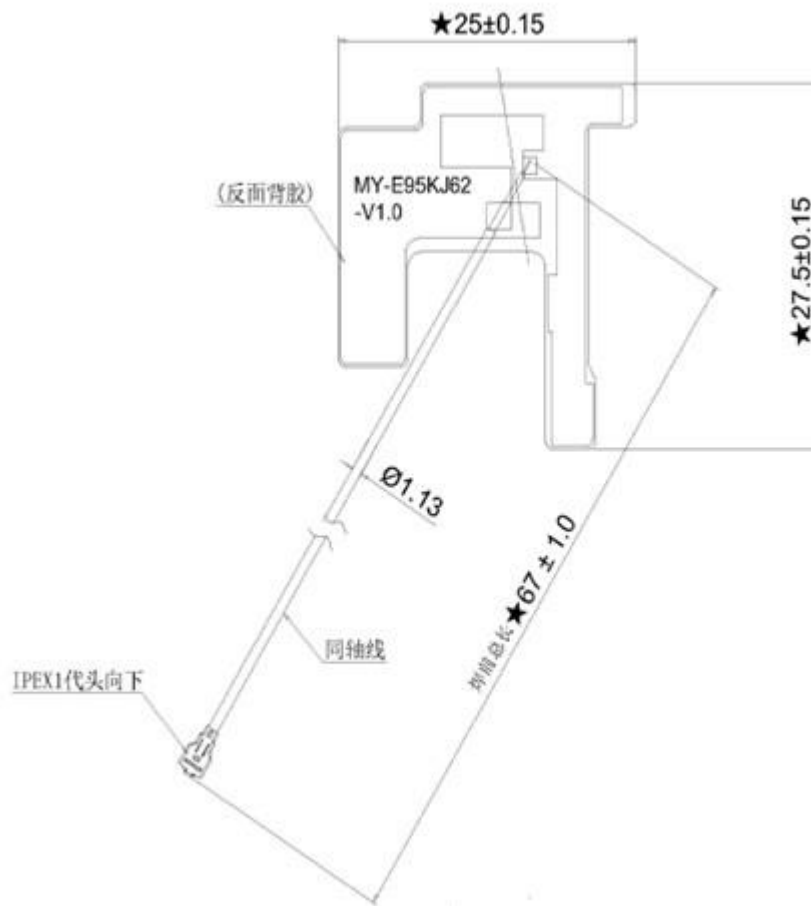


1. Antenna Description:

Antenna type	PIFA antenna
Model	TD01-2
Frequency range	5150-5850MHz
Manufacturer	SHENZHEN DOGCARE INNOVATION & TECHNOLOGY CO., LTD.
ANT Peak Gain	6.4 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

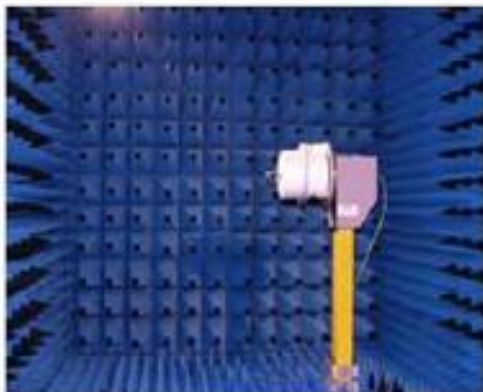
Dark room specifications: ETS-743

TD-SCDMA test equipment: StarPoint SP6010/Agilent 8960

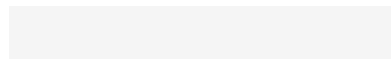
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B



4 . Antenna Radiation Pattern



Frequency (GHz)	Efficiency (%)	Gain (dBi)	Frequency(GHz)	Efficiency (%)	Gain (dBi)
5.15	44.3	3.1	5.72	44.6	4.8
5.2	48.2	4.6	5.74	45.4	4.8
5.25	50.2	5.2	5.76	51.4	5.5
5.3	44.5	5.4	5.78	51.2	5.7
5.35	42.6	4.9	5.80	52.4	6.0
5.4	43.7	5.2	5.82	53.1	6.1
5.45	46.3	5.6	5.84	51.6	6.4
5.5	51.2	5.9	5.85	49.6	6.0
5.6	50.1	6.0			
5.65	43.5	5.8			
5.7	40.9	5.4			

