



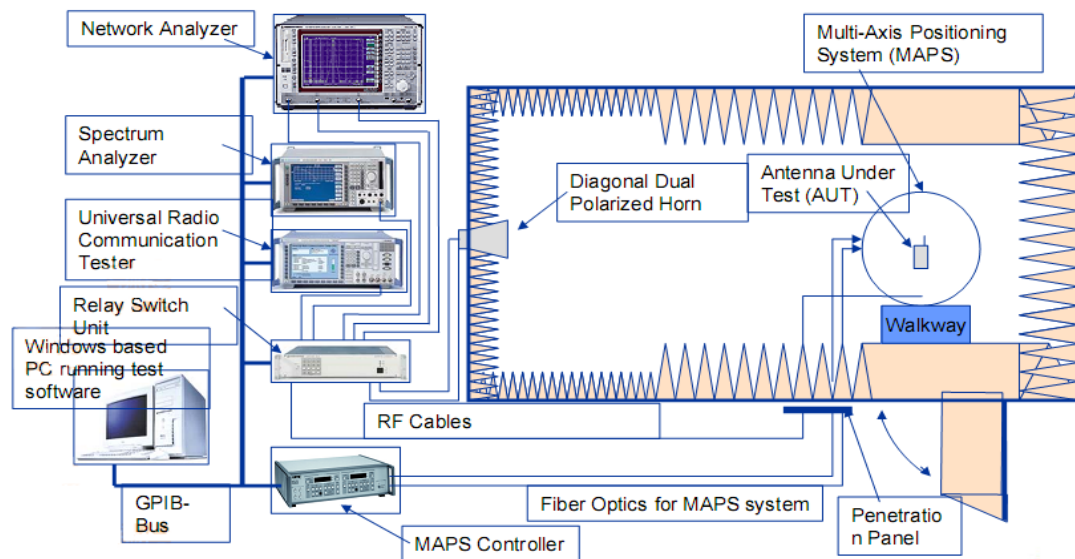
DONGGUAN TENGXIANG ELECTRONICS CO., LTD.

2. 4G Antenna Testing Parameters

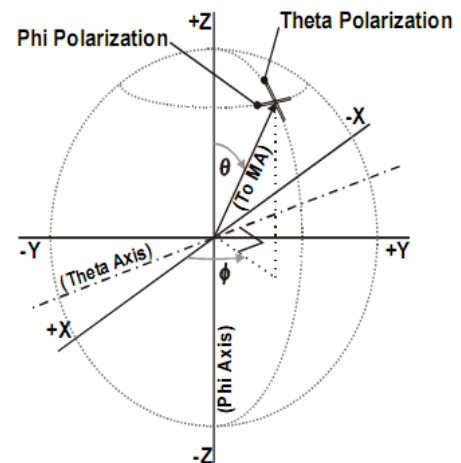
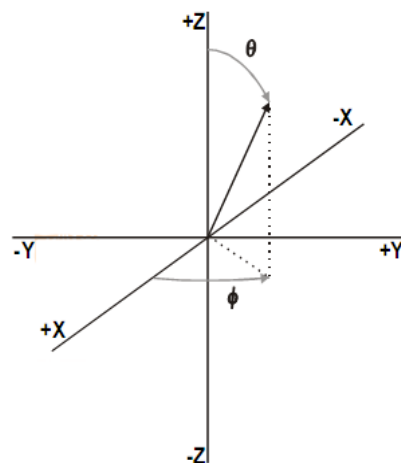
- Pro No:AN2400-TUB065A/2.15.5.00106
- Antenna Specification:2400-2500MHz 2.77dBi
- Test Equipment:Fully Anechoic Chamber/Aglient E5071C
- Versions:V1.0
- Prepare by:YuanChaoXu
- Approve by:Wei Jia

Address:Dongguan City Chang'an Town sand head community shacong Road 53#
Call US: 0769-81873081/0769-81873082

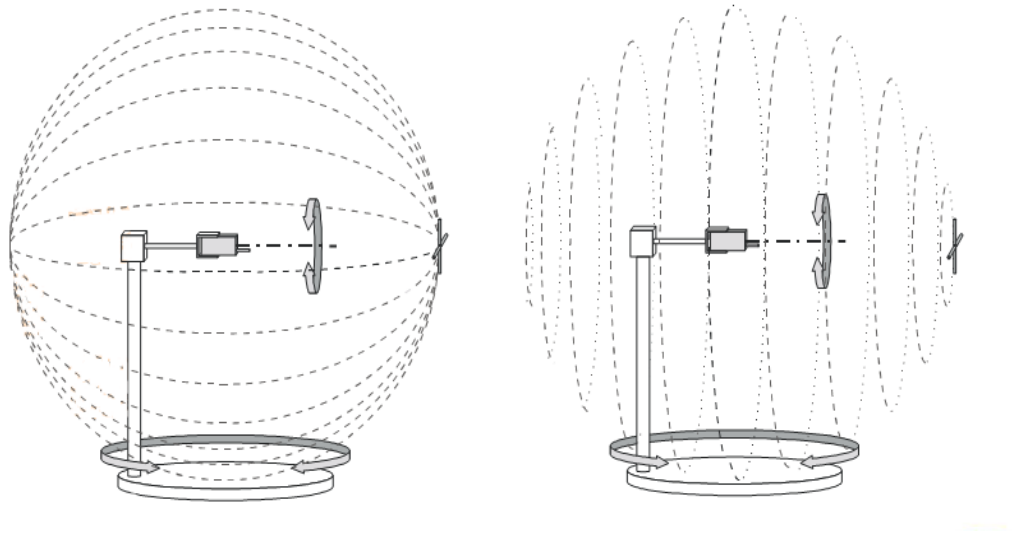
1. CTIA OTA Test System



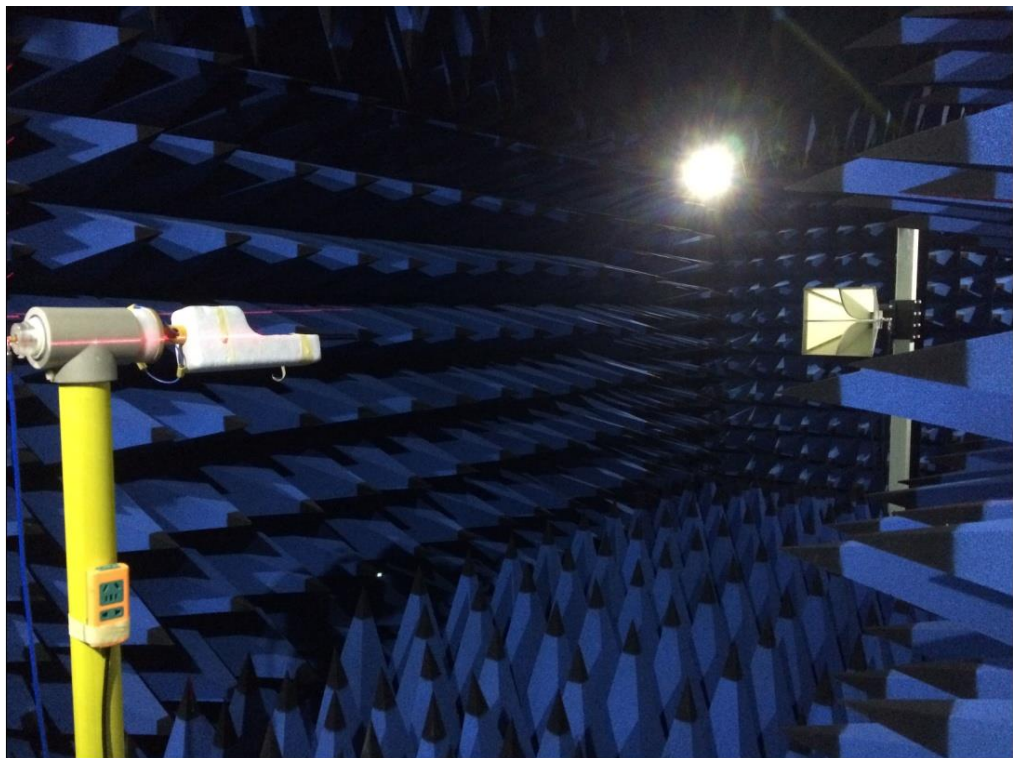
1.1 Test Coordinates



1.2 Turntable



1.3 ETS Test System In TengXiang



Size: 7m*3m*3m

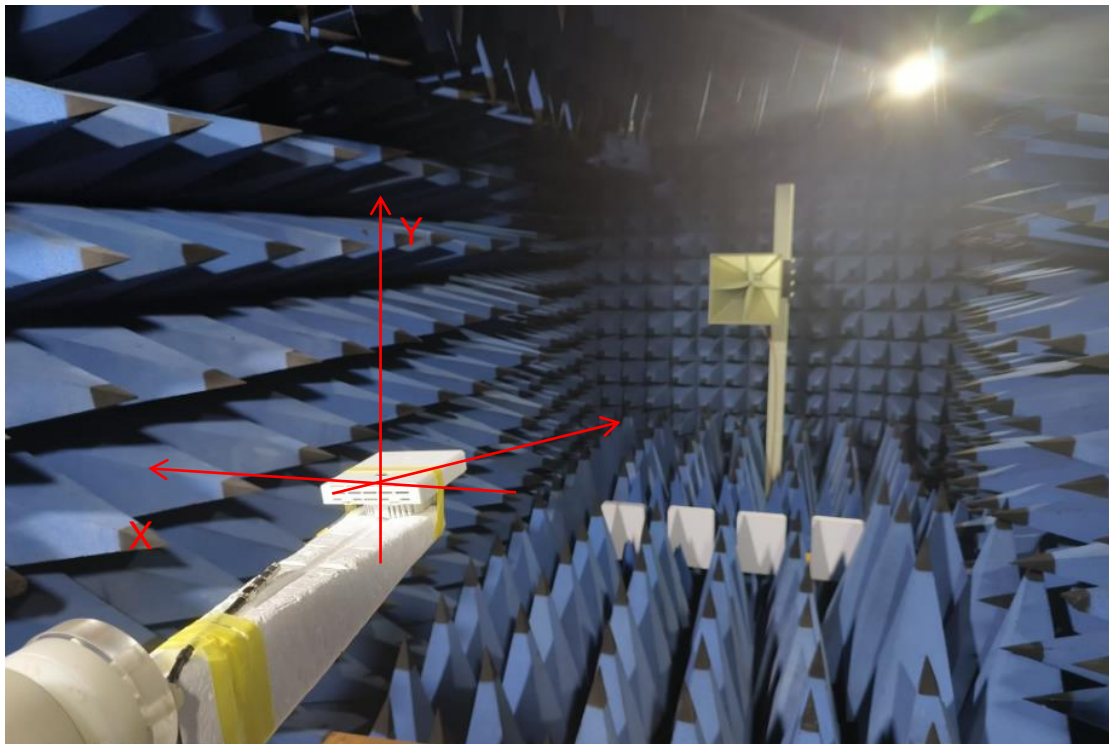
Electromagnetic Shield: $\geq 100\text{dB}$

Test Tolerance : $\pm 0.5\text{dBi}$

Test Project:

- 700MHz-6GHz Passive Test
- 2G/3G/4G OTA Test

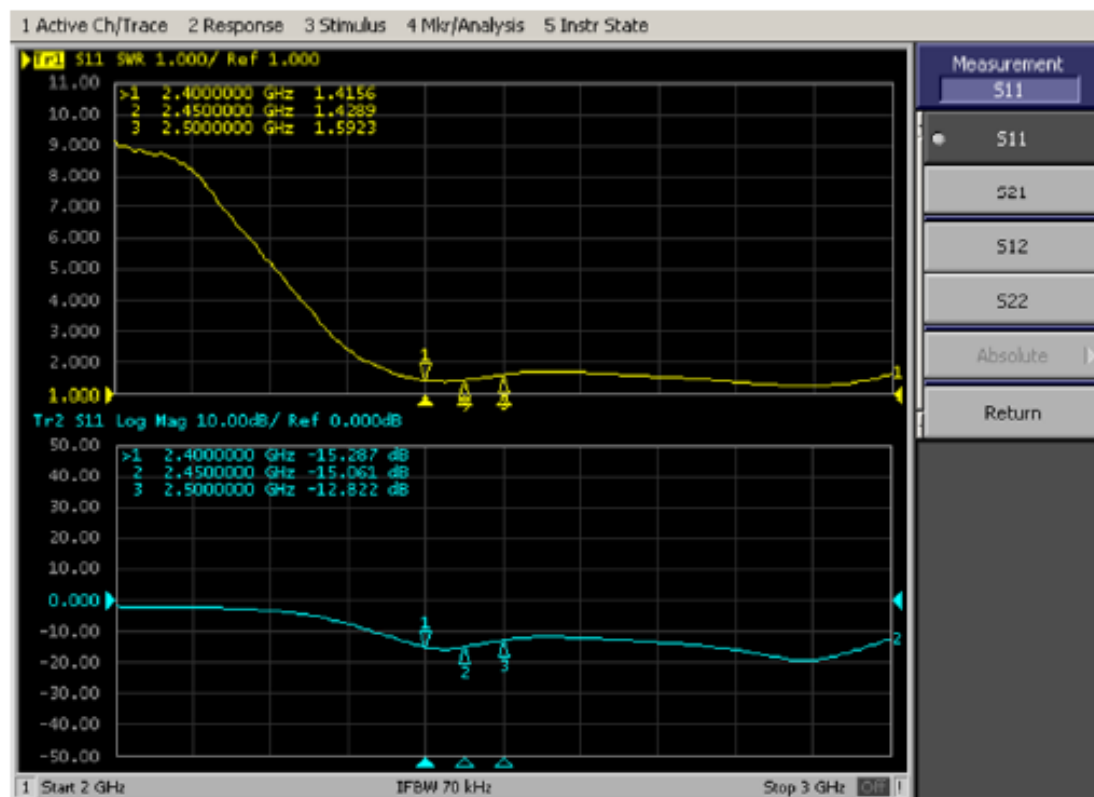
2. Testing Picture



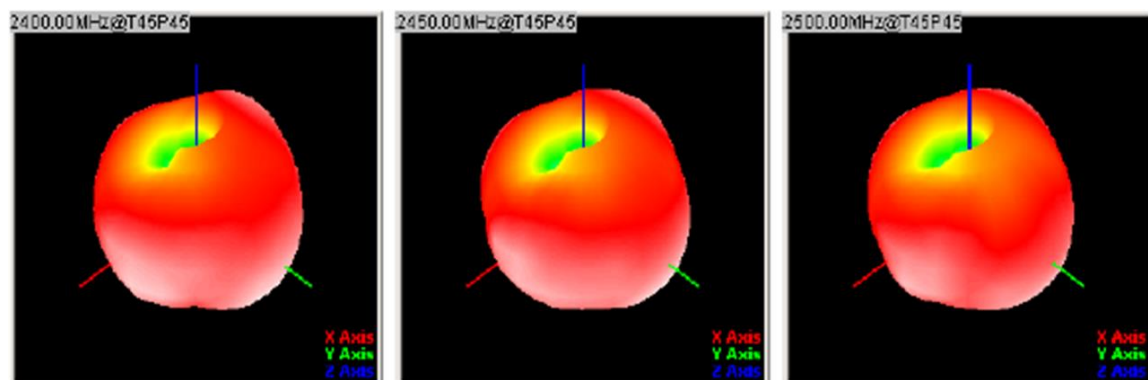
3. Testing Data

Frequency(MHz)	2400MHz	2450MHz	2500MHz
Peak Gain(dBi)	2.64	2.61	2.77
Efficiency(%)	85.80	85.60	85.40

3.1.1 VSWR Test



3.2.1 3D_Radiation Pattern

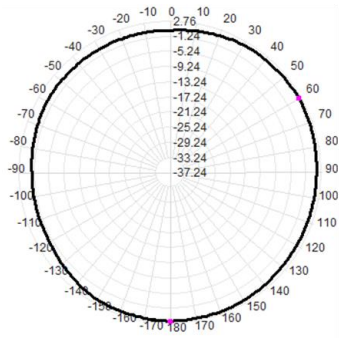


2400MHz

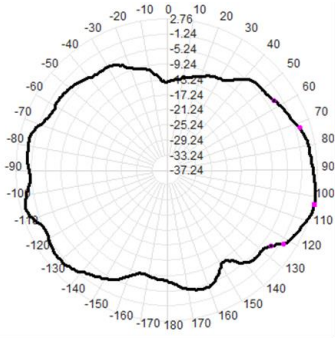
2450MHz

2500MHz

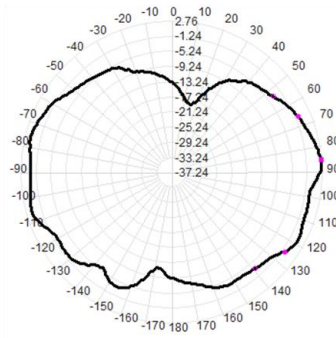
3.2.2 2D_Radiation Pattern



XY_Plane

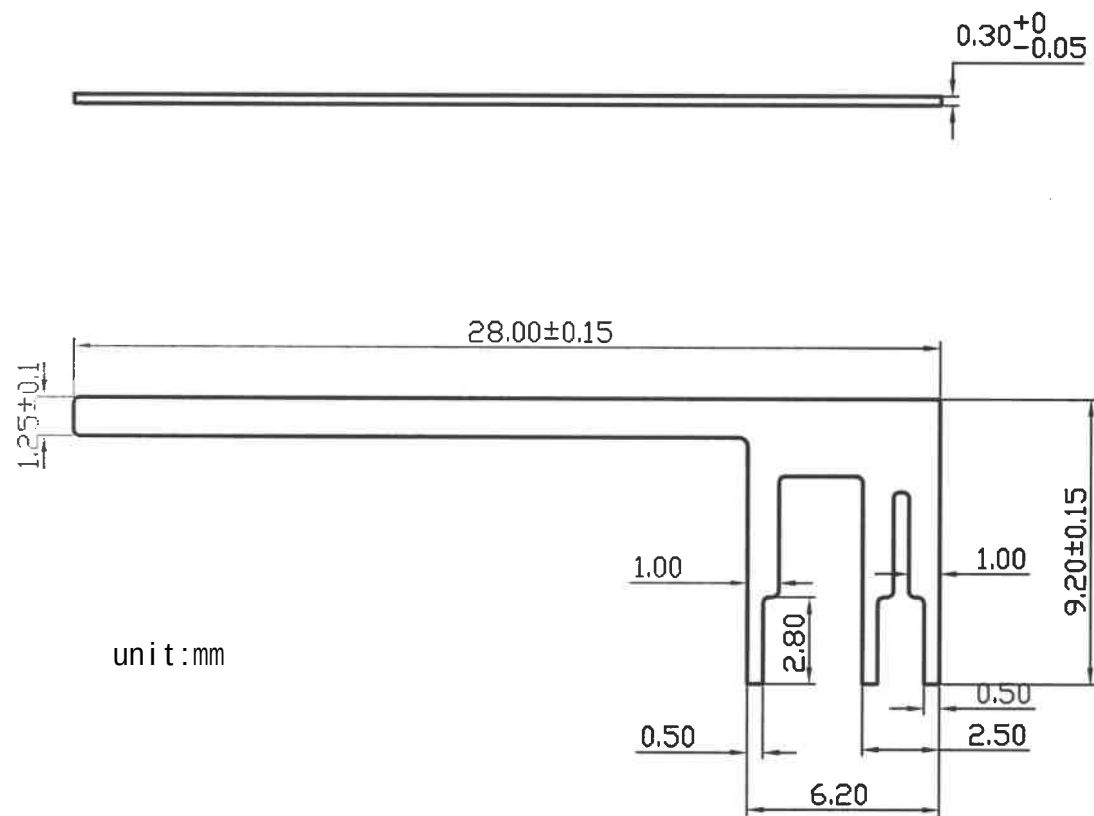


XZ_Plane



YZ_Plane

2450MHz



$0.30^{+0}_{-0.05}$