

ShenZhen QiXinTongDa Technology Co.,Ltd.

Antenna Test Report

Client Name: OUQI

Project Name: P19

Frequency Band:BT/BLE/WIFI-2.4G/WIFI-5G

RF: MA FEI (134 1821 8312)

2024-07-20

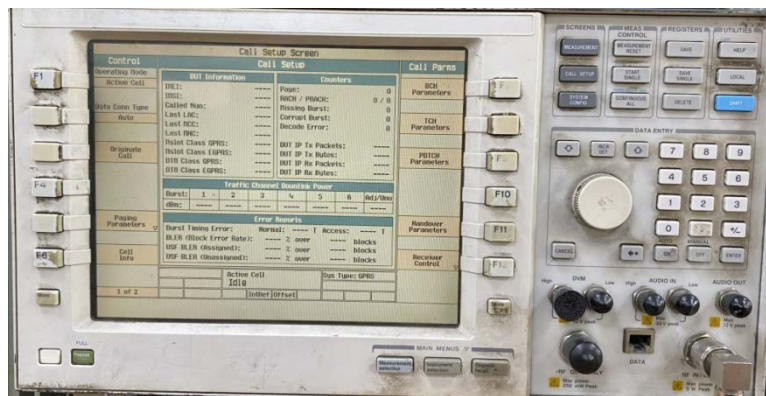
1.Test

	Test Project	Equipment
1. S Parameter	1. Return Loss (RL) 2. VSWR	Network Analyzer: Agilent 5071B
2. RF Test (WIFI)	1. power 2. level 3. TRP/TIS	Comprehensive Test: CMW500/8960 Test Environment: Anechoic Chamber

2. Test Equipment



Agilent 5071B (S Parameter (RL/VSWR) Test Equipment)

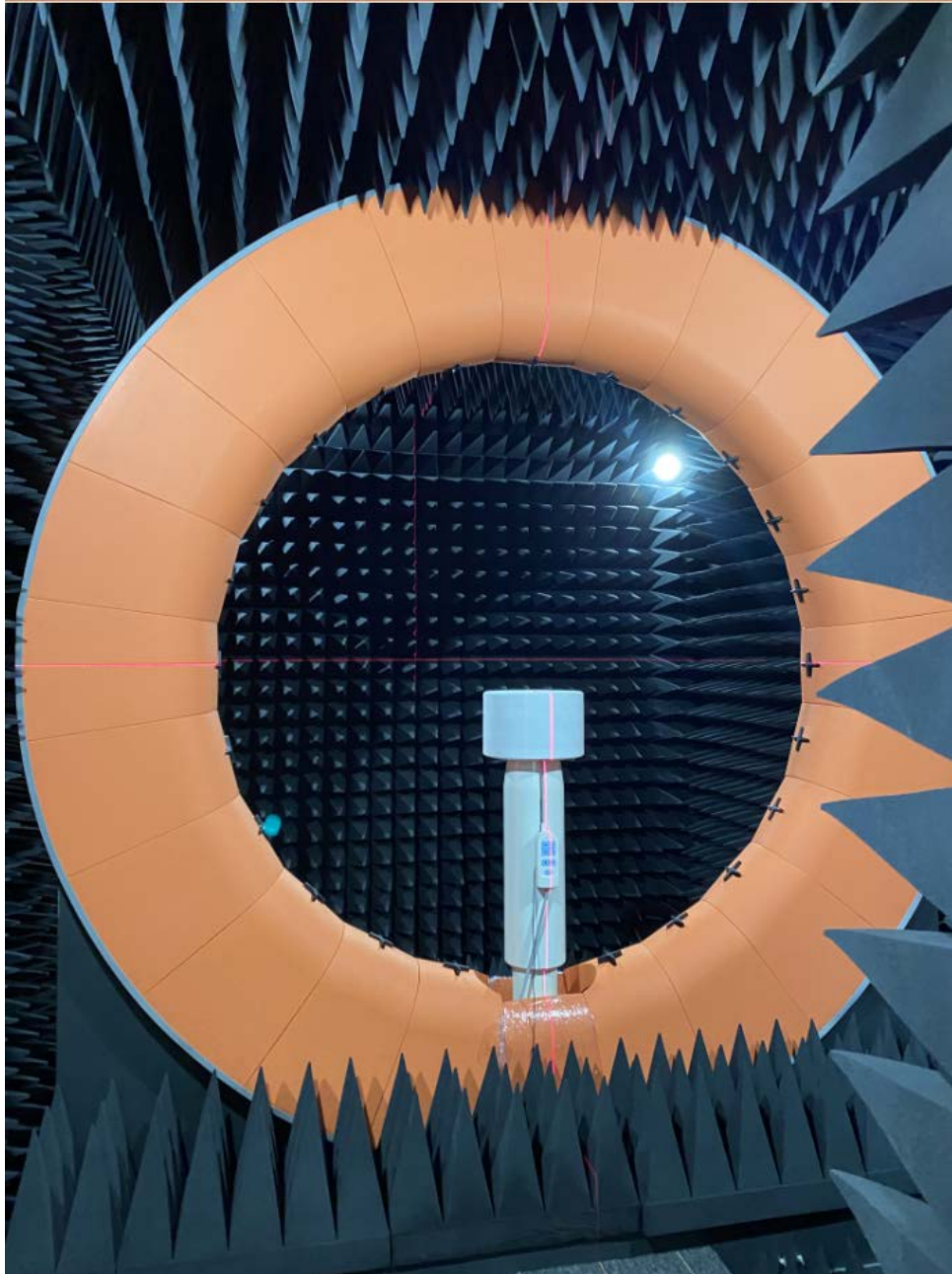


Agilent 8960 (2G/3G Test Equipment)



CMW 500 (2G/3G/4G Test Equipment)

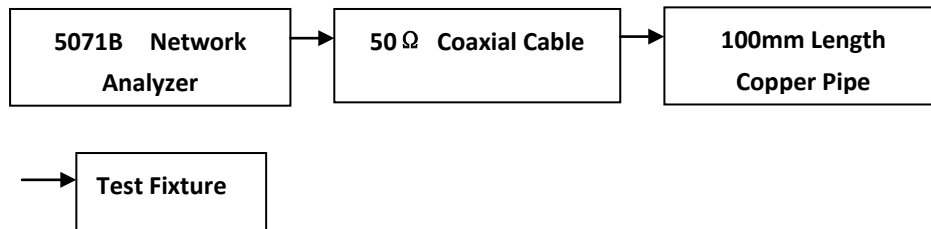
3. TestEnvironment



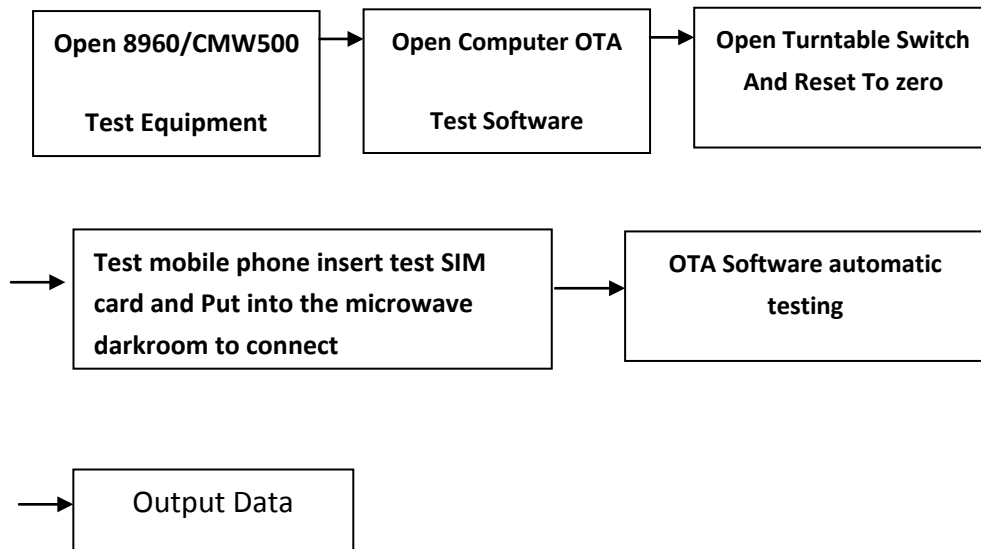
Anechoic Chamber

4.Test Steps

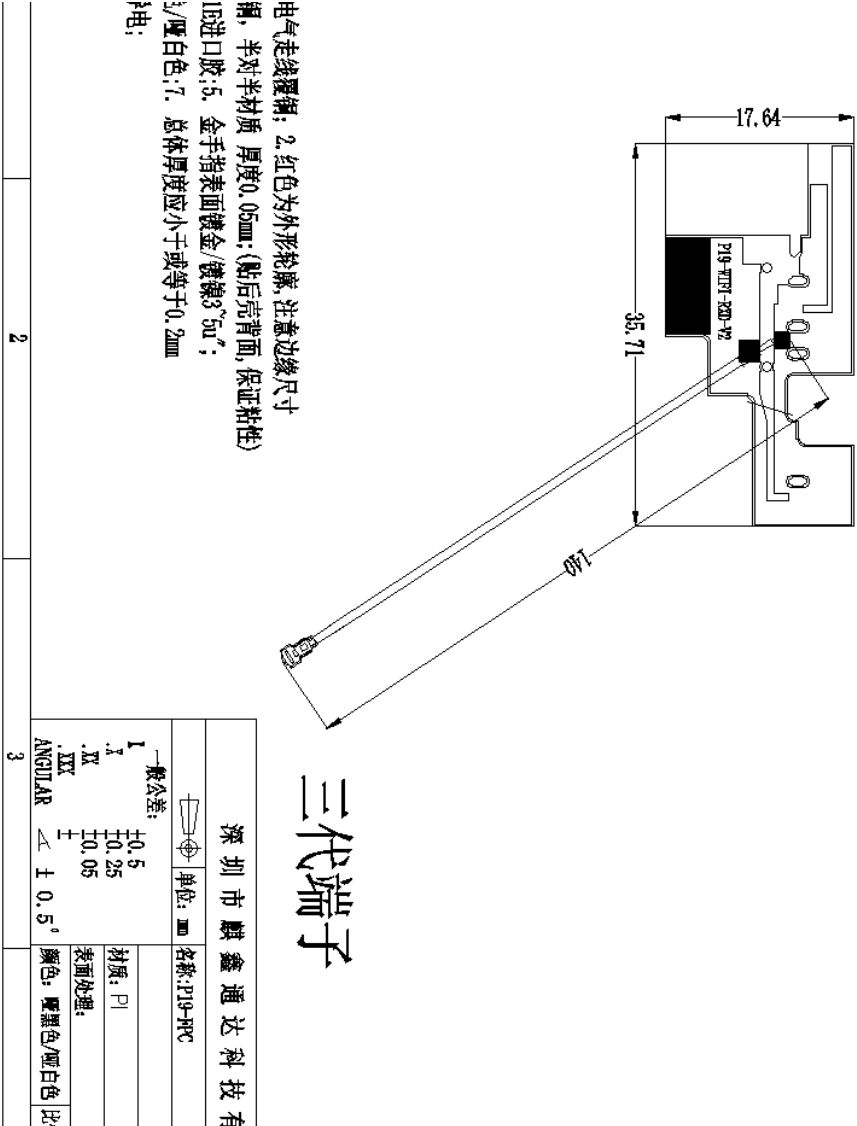
Passive VSWR/RL Test Steps:



Active TRP/TIS Test Steps:



5.Antenna Dimensions

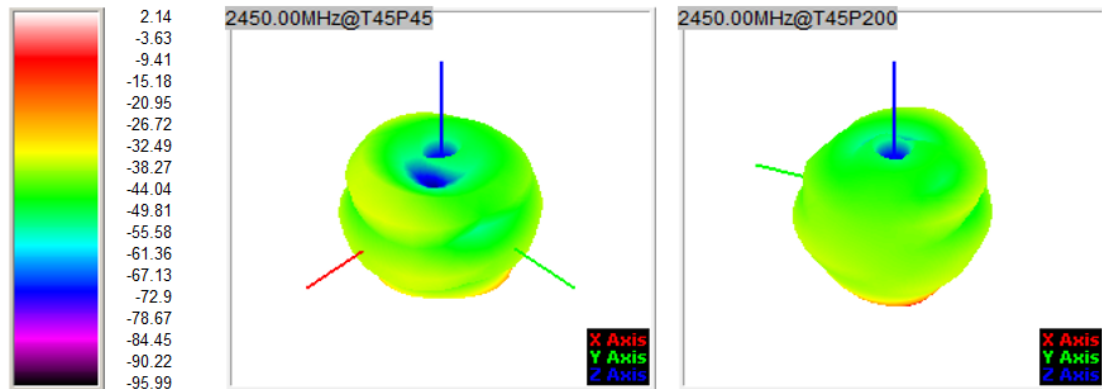


6. Antenna Gain

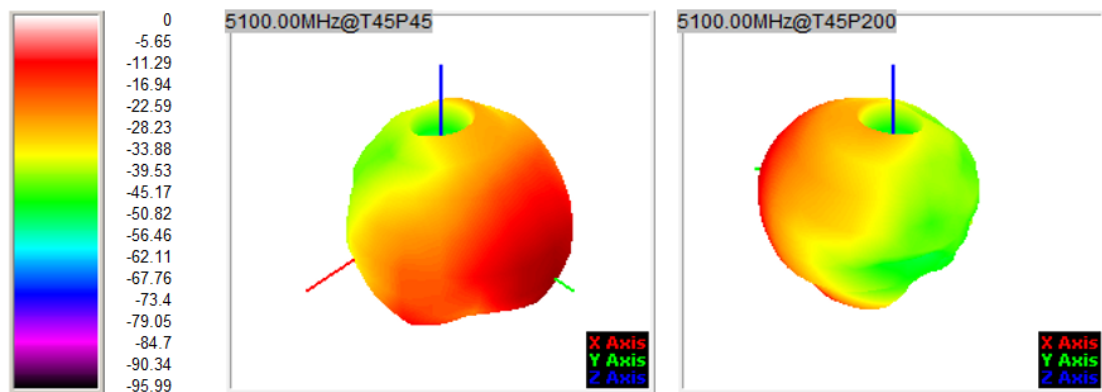
Frequency Band	Gain (dBi)
BT/BLE/WIFI-2.4G	2.14
WIFI-5G	1.46

7. 3D Lobe Diagram (1)

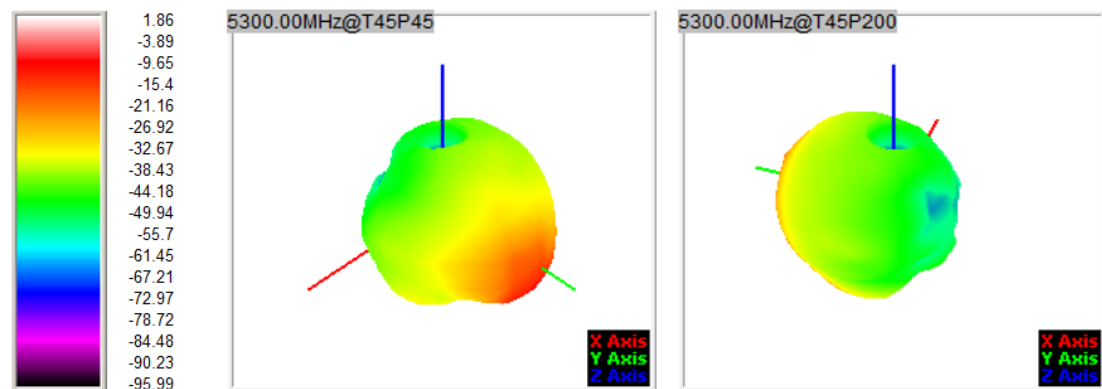
2.4G-WIFI



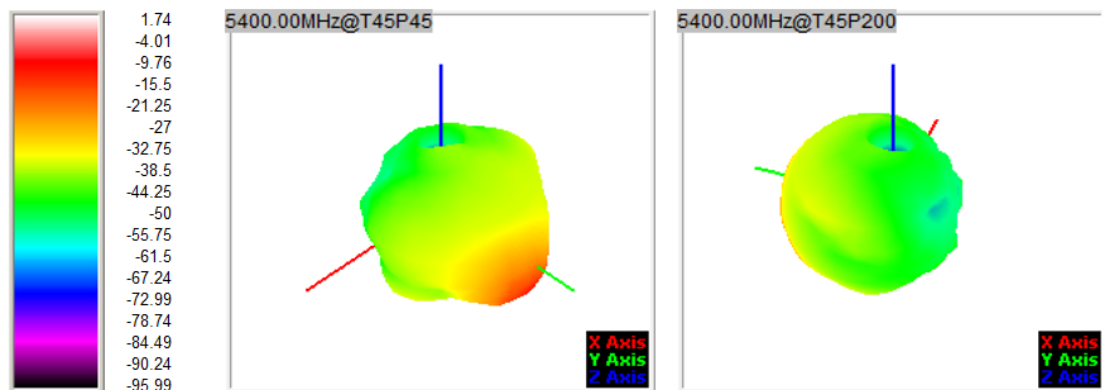
5.1-5.8G-WIFI



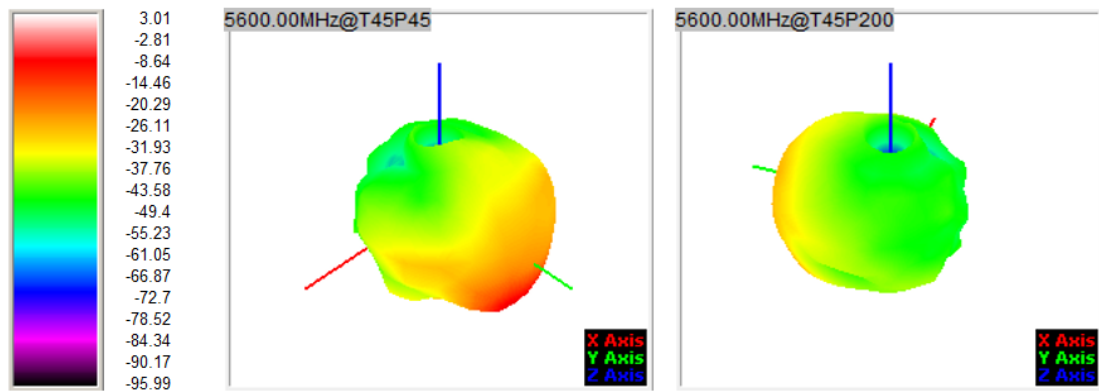
5.1-5.8G-WIFI



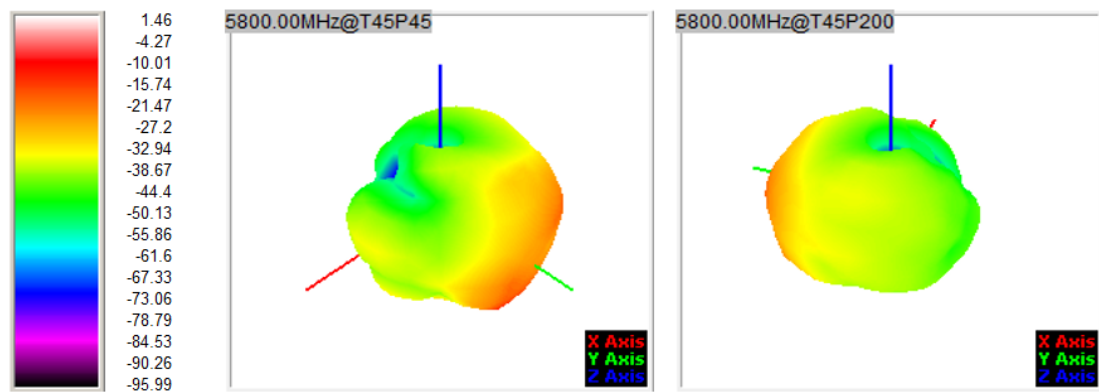
5.1-5.8G-WIFI



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