

Antenna Test Report

SHENZHEN KURUIJIE

Customer:
Project:lovetag

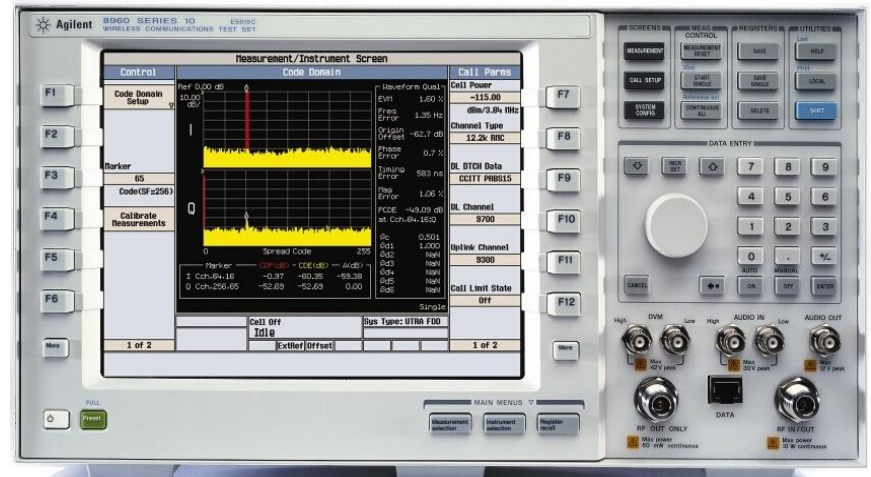
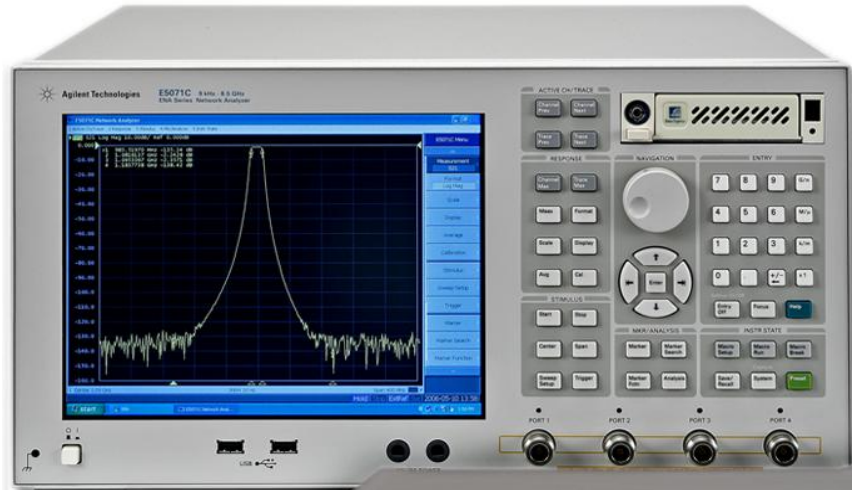
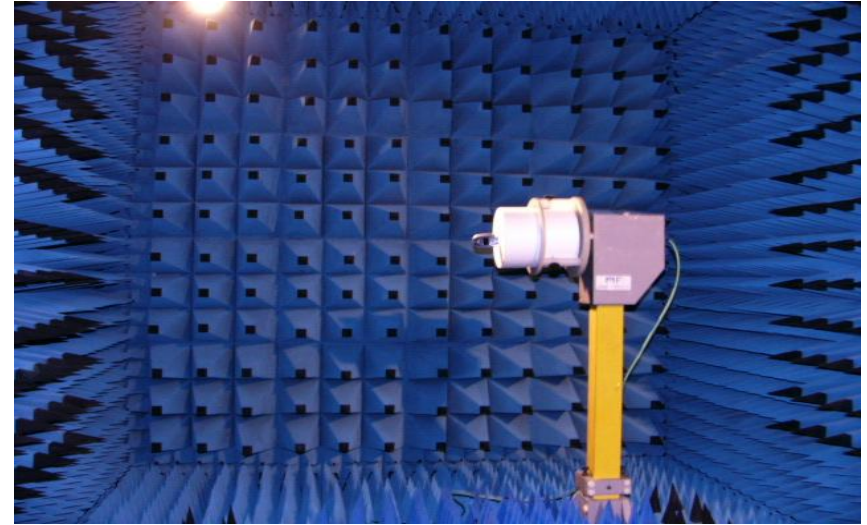
RF Engineer:安增侠
Testing Date:2023.11.27

Index:

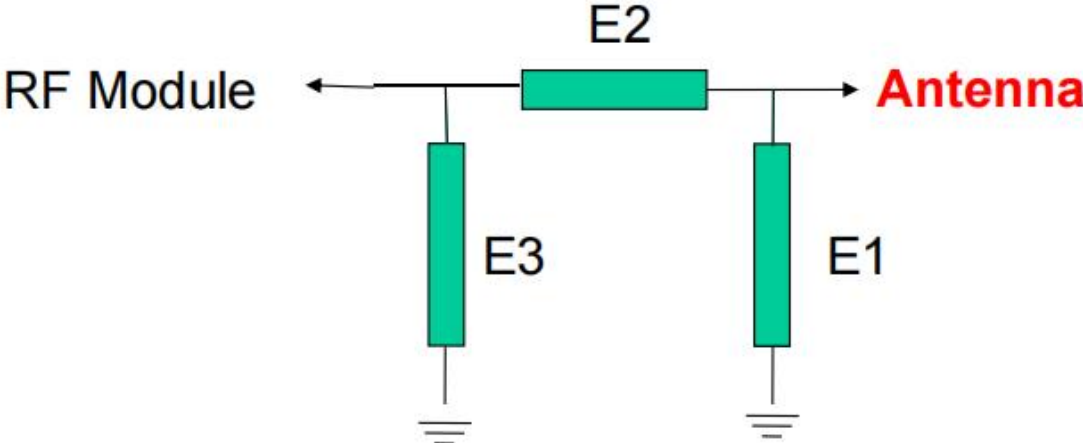
- 1. Testing Item & Equipments**
- 2. Matching Circuits**
- 3. Antenna Conditions**
- 4. Test Data**
- 5. GPS / WIFI / BT Test**

1. The Equipment of Active Test

- 1: Anechoic Chamber 7x4x3 m (3D)
- 2: Rohde & Schwarz CMW500
- 3: AGILENT 8960 5515C
- 4: Network Analyzer-AGILENT ENA5071B



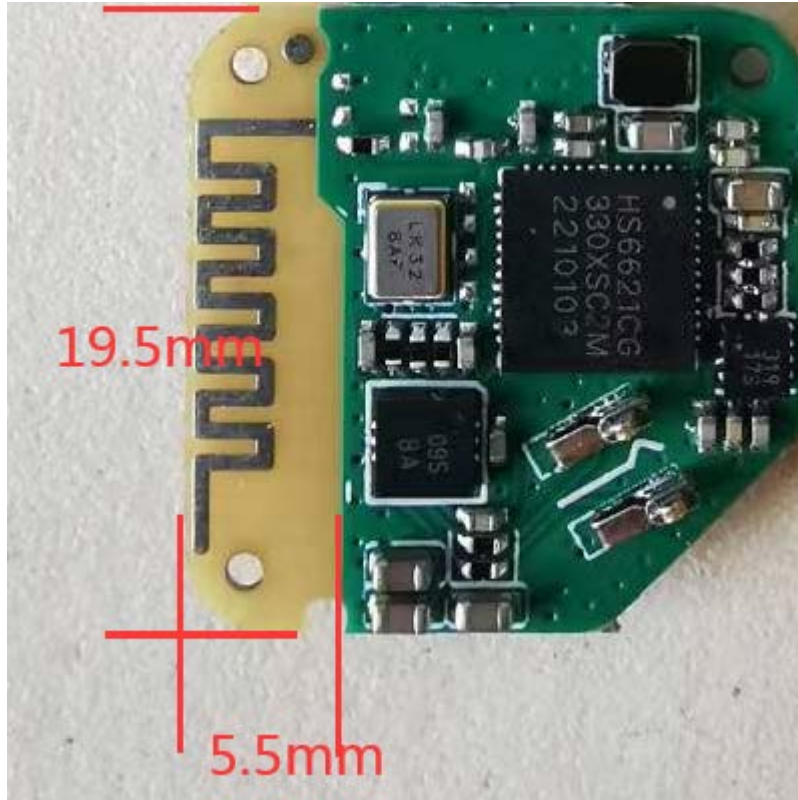
2. Matching Circuits



Element	Value
E1(0402)	
E2(0402)	
E3(0402)	

原匹配没有修改

3. Antenna Conditions

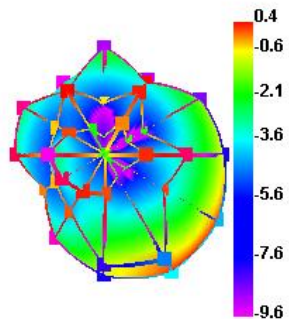


4 天线效率和增益

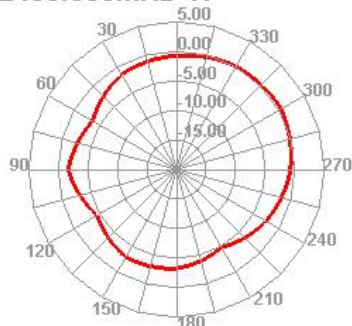
Passive Test For wifi2.4		
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	21.7	-0.12
2410	23.03	-0.1
2420	23.79	-0.02
2430	24.83	-0.01
2440	25.4	0.22
2450	27.68	0.33
2460	28.58	0.41
2470	27.09	0.22
2480	26.72	0.26
2490	26.77	0.21
2500	25.37	0.12

4.8. 苹果图

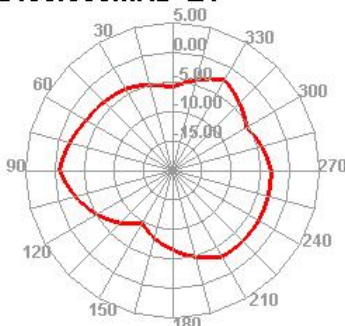
2400.000MHz



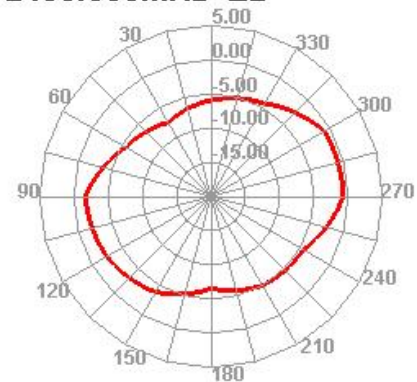
2400.000MHz H



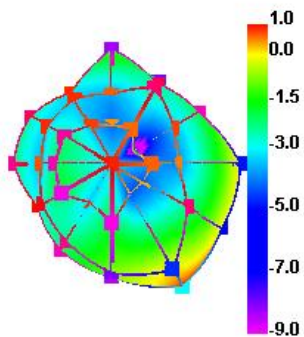
2400.000MHz E1



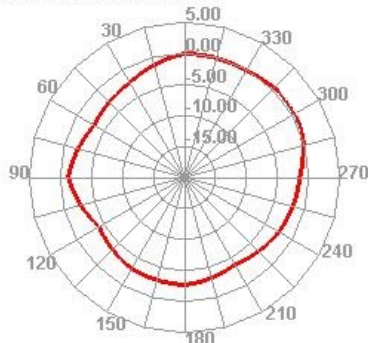
2400.000MHz E2



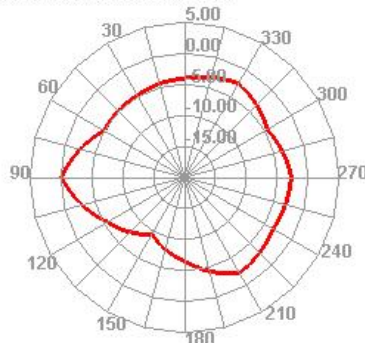
2450.000MHz



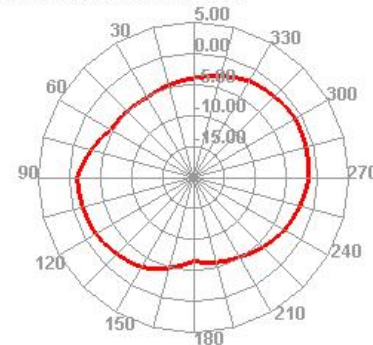
2450.000MHz H



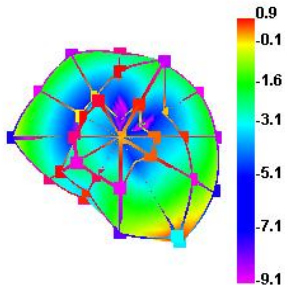
2450.000MHz E1



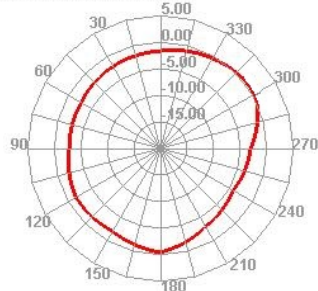
2450.000MHz E2



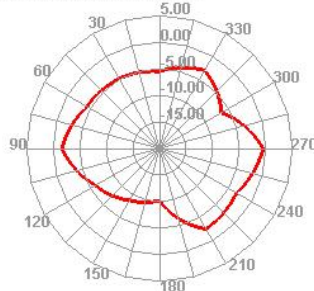
2490.000MHz



2490.000MHz H



2490.000MHz E1



2490.000MHz E2

