

## Antenna test report

<b>Test Laboratory</b>	Dongguan Yijia Electronic Co., LTD
<b>Address</b>	No. 59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City, Guangdong Province
<b>Contact:</b>	Mr. Gan 13823198410
<b>Model</b>	H6640

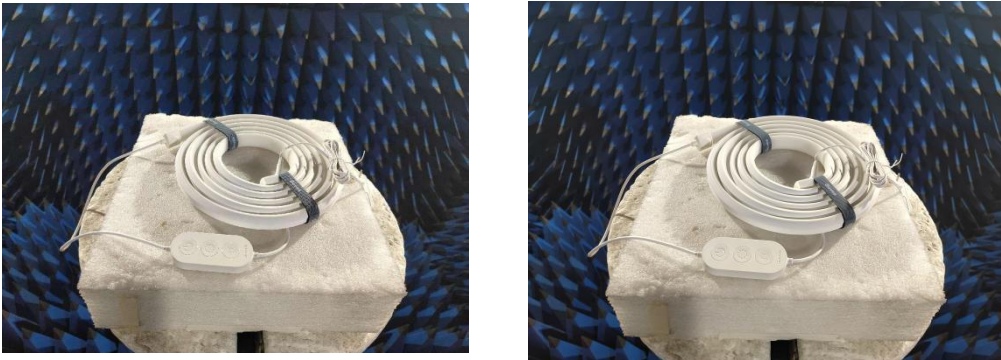
### 1. Test procedures

Name	Parameter	Method	Standard No.
Mobile communication antenna	VSWR	Generic specification for antennas used in the mobile communications	GB/T 9410-2008
	Antenna Gain		
	Radiation pattern		
Antenna	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979

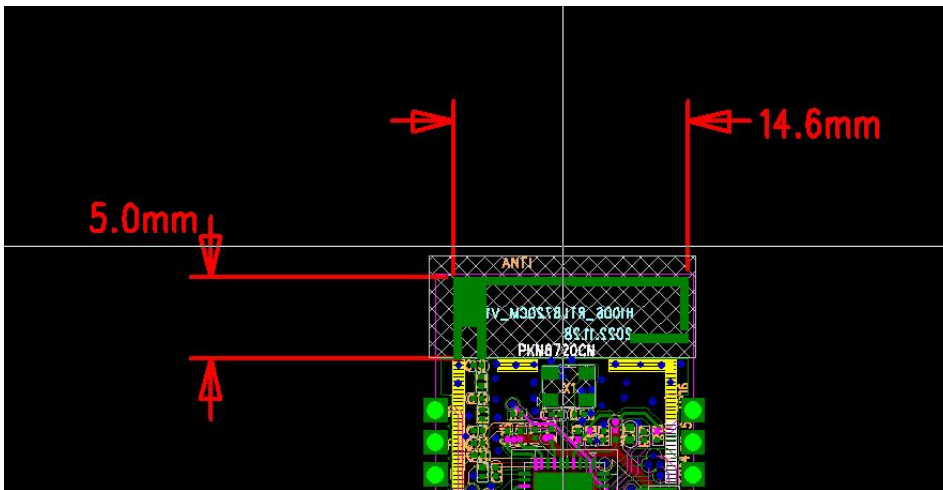
### 2. Test Equipment

Equipment	Model No.	Serial No.	Manufacture	Calibration Date	Next calibration Date
24 probe Microwave chamber	MPS2450 Multi-probe OTA measurement systems 5*5*5	YJ-PB-F01	XH-IOE	2023.09.01	2024.09.01
Network Analyzer	ZVB8	YJ-RD-15	ROHDE&SCHWARS	2023.08.25	2024.08.25
Wideband radio Communication tester	CMW500	YJ-RD-16	ROHDE&SCHWARS	2023.08.25	2024.08.25

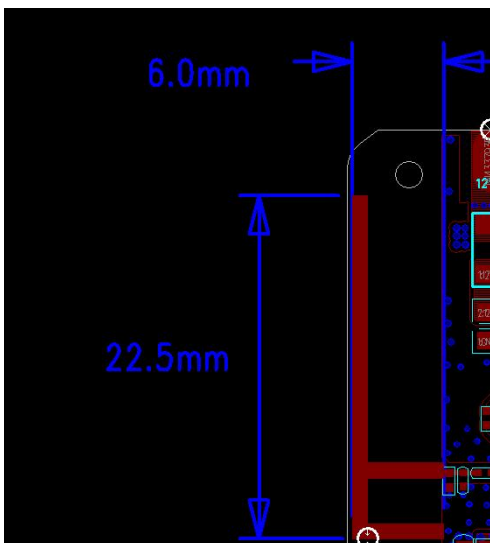
### 3. DUT Setup Photo



### 4. WiFi Antenna Physical Size



### 5. Bluetooth Antenna Physical Size

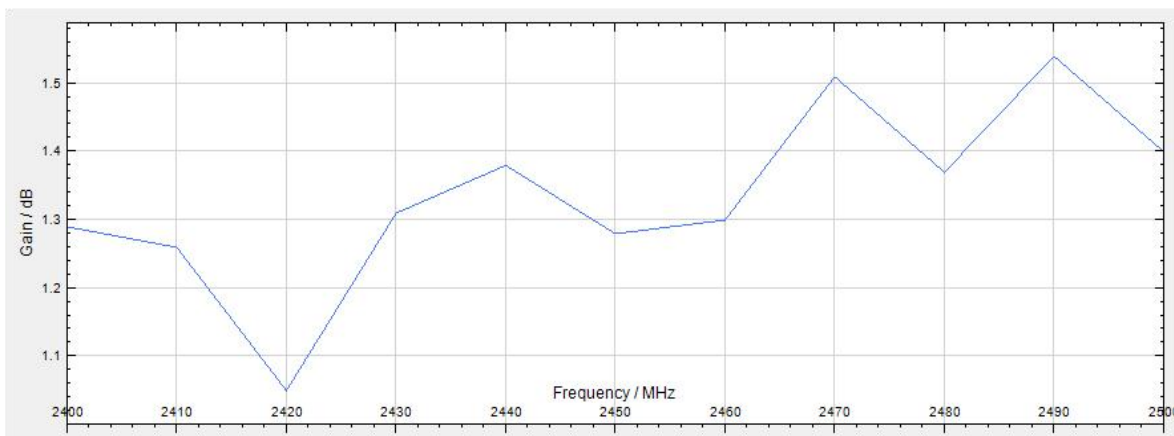


## 6. WiFi&Bluetooth Antenna Type & Gain

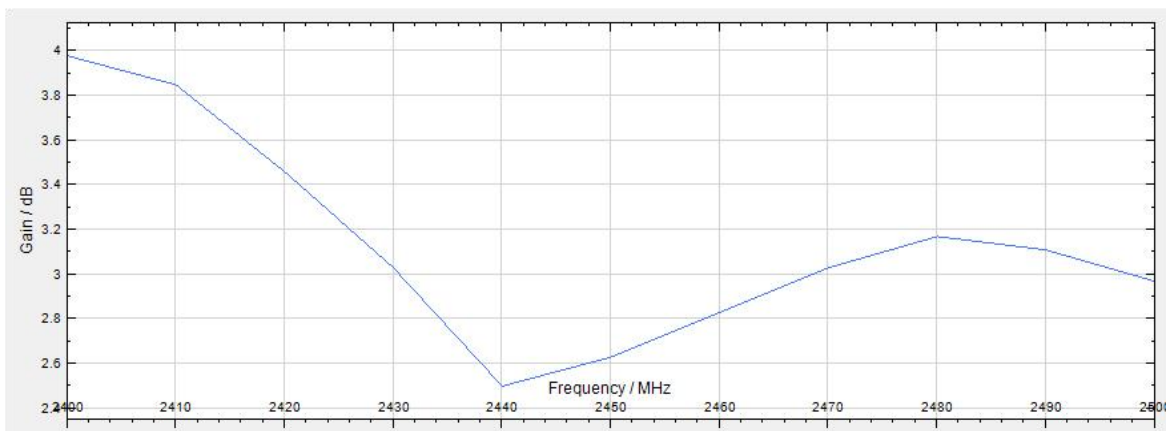
Type: PCB

Frequency / MHz	Gain/ dBi (WiFi)	Gain/ dBi (BT)
2400	1.29	3.98
2410	1.26	<b>3.85</b>
2420	1.05	3.46
2430	1.31	3.03
2440	1.38	2.5
2450	1.28	2.63
2460	1.3	2.83
2470	<b>1.51</b>	3.03
2480	1.37	3.17
2490	1.54	3.11
2500	1.4	2.97

WiFi:

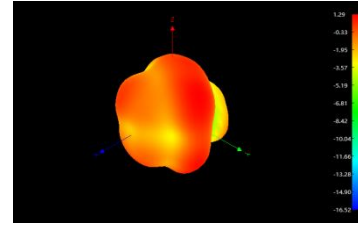
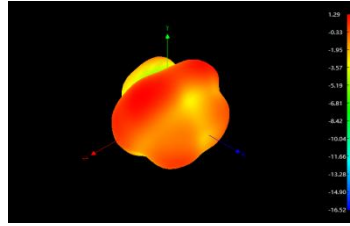
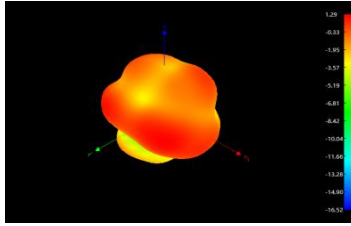


BT:

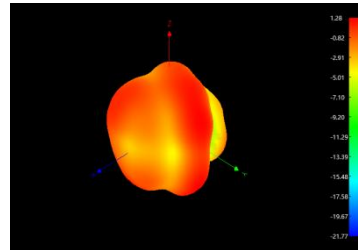
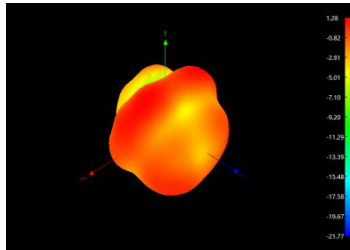
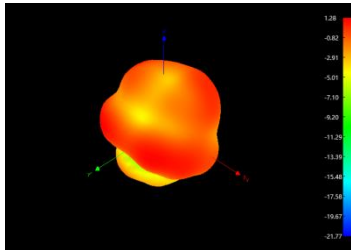


## 7. WiFi Antenna Pattern Picture

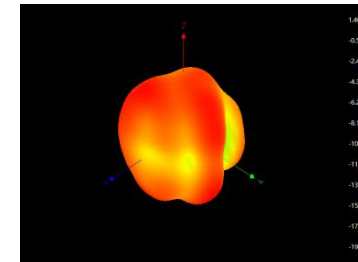
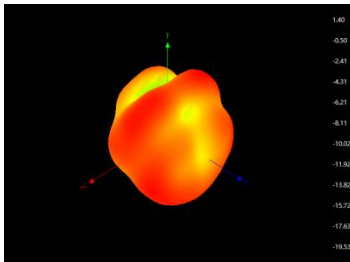
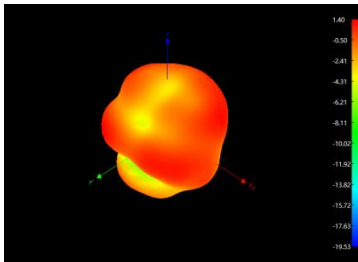
2400MHz



2450MHz

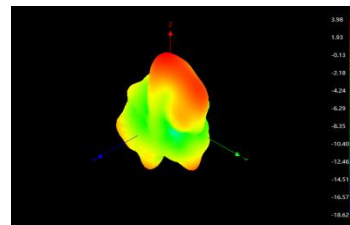
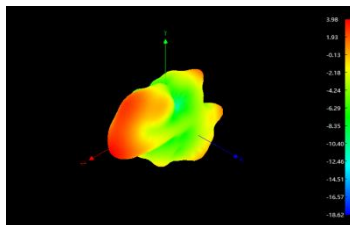
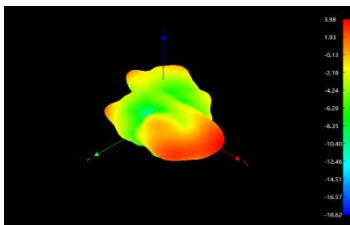


2500MHz

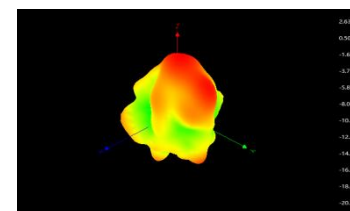
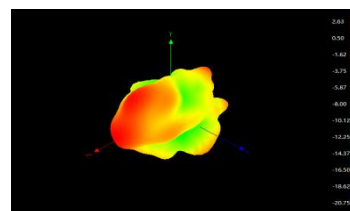
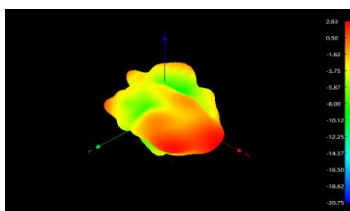


## 8. Bluetooth Antenna Pattern Picture

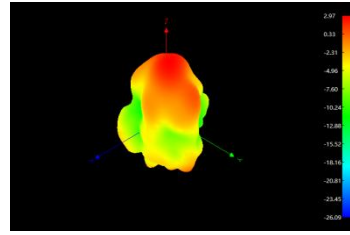
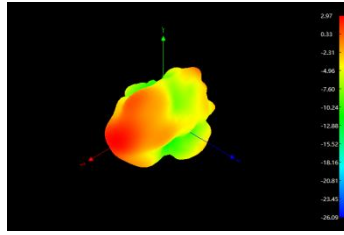
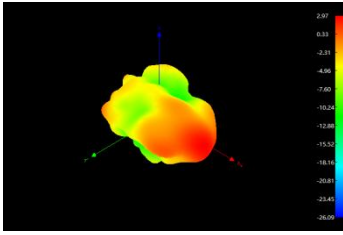
2400MHz



2450MHz



## 2500MHz



Tester by: Wu xianming

Wu Xianming