

## 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>	H615E

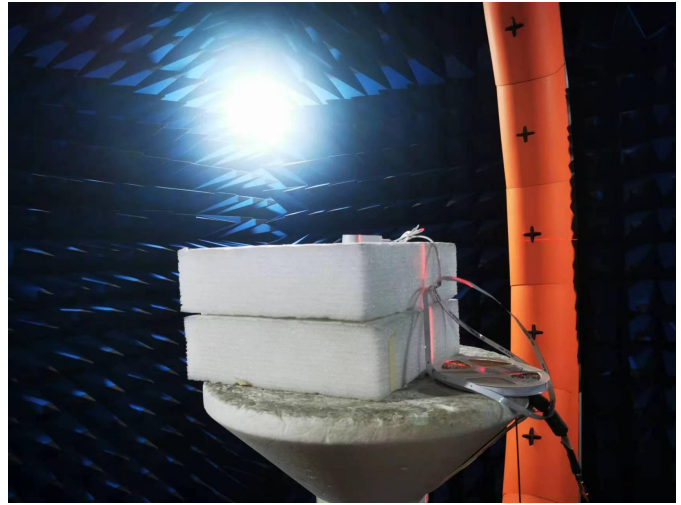
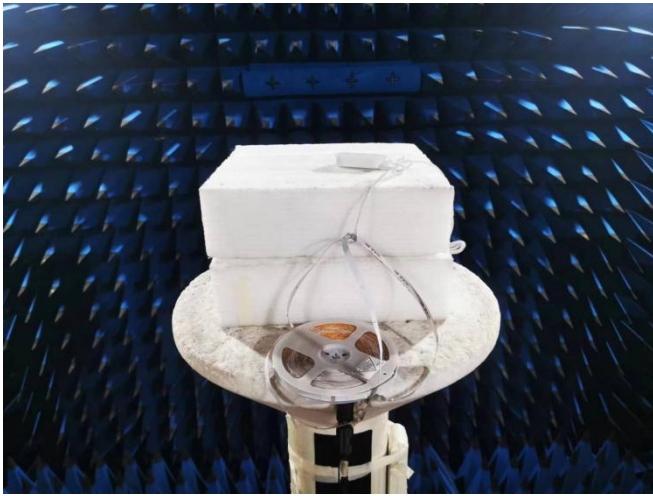
### 1. Test procedures

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

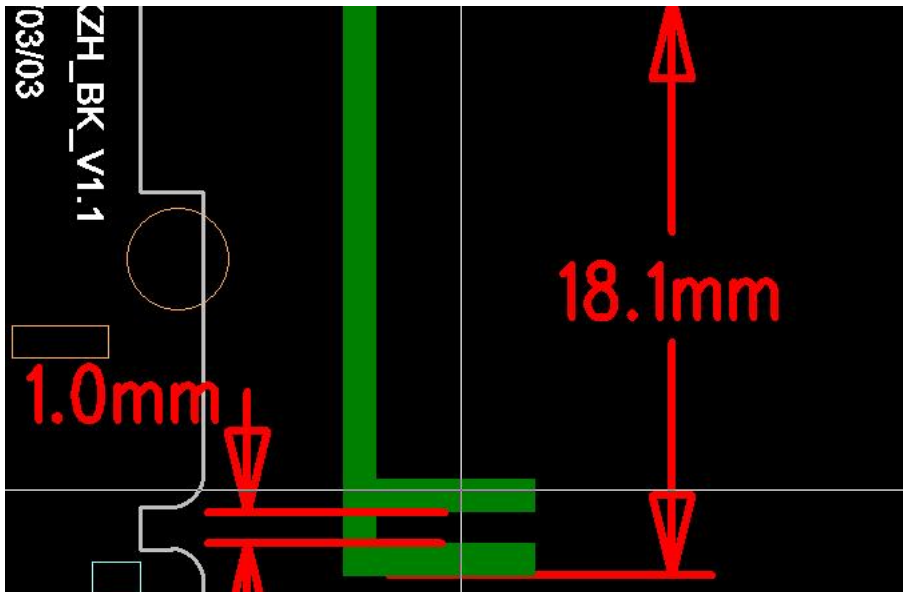
### 2. Test Equipment

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	2022.09.01	2023.09.01
Network Analyzer	ZVB8	YJ-RD-15	ROHDE&SCHWARS	2022.08.25	2023.08.25
Wideband radio Communication tester	CMW500	YJ-RD-16	ROHDE&SCHWARS	2022.08.25	2023.08.25

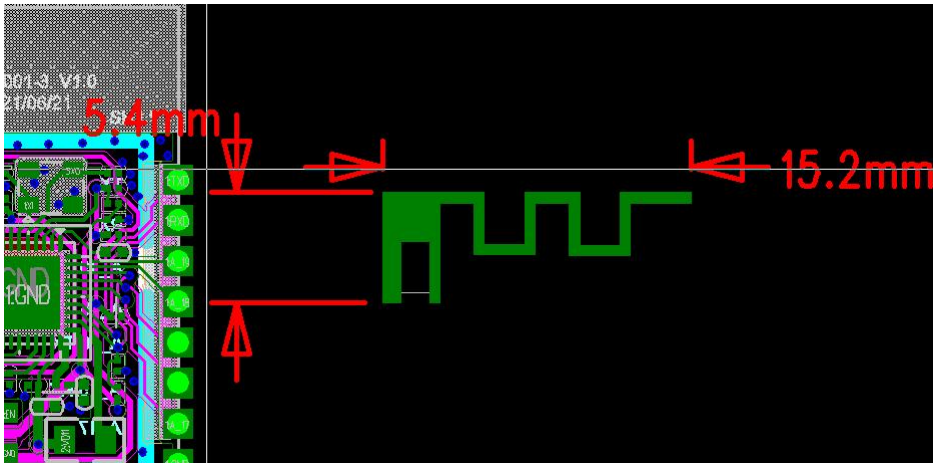
### 3. DUT Setup Photo



### 4. Bluetooth Antenna Physical Size



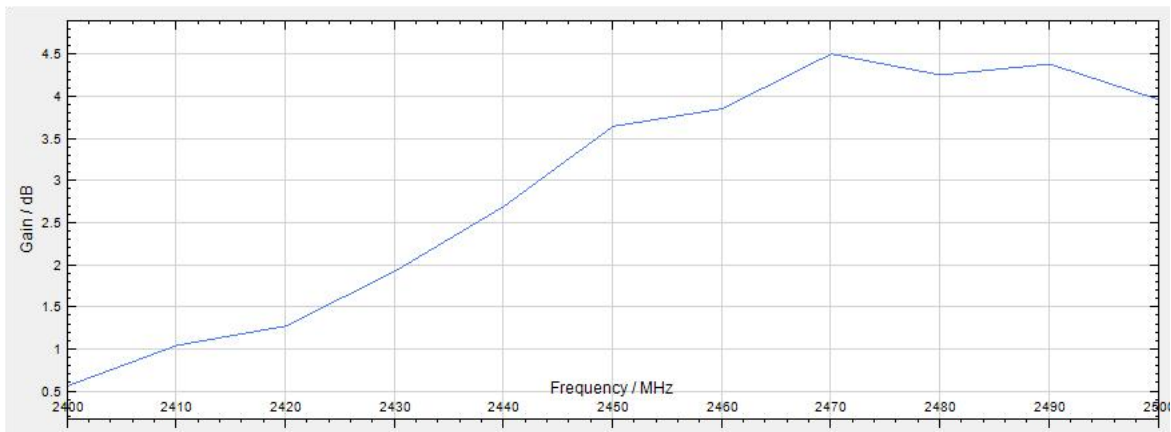
## 5. Wi-Fi Antenna Physical Size



## 6. Bluetooth Antenna Type & Gain

Type: PCB Antenna

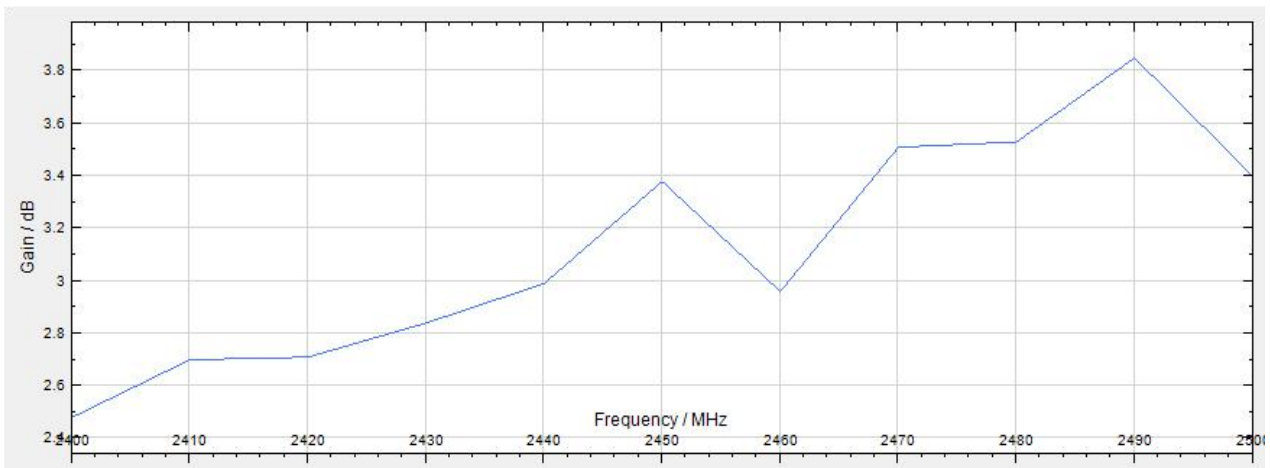
Frequency / MHz	Gain/ dBi
2400	0.57
2410	1.05
2420	1.28
2430	1.93
2440	2.7
2450	3.65
2460	3.86
2470	4.51
2480	4.26
2490	4.39
2500	3.97



## 7. Wi-Fi Antenna Type & Gain

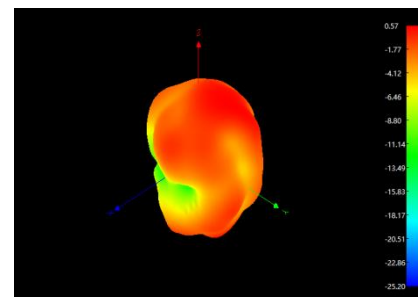
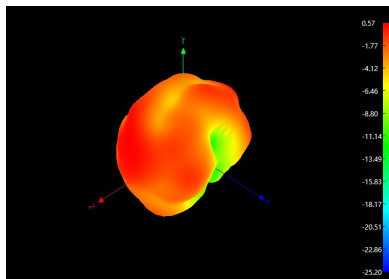
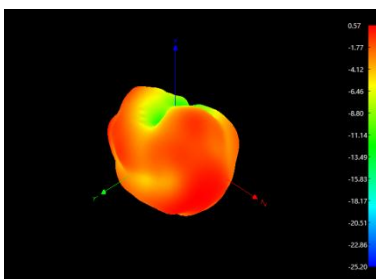
Type: PCB Antenna

Frequency / MHz	Gain/ dBi
2400	2.48
2410	2.7
2420	2.71
2430	2.84
2440	2.99
2450	3.38
2460	2.96
2470	3.51
2480	3.53
2490	3.85
2500	3.4

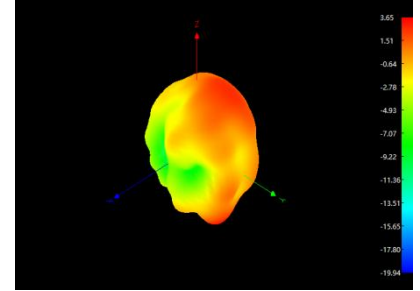
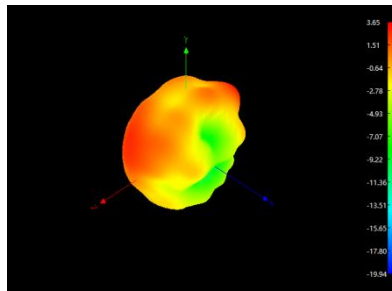
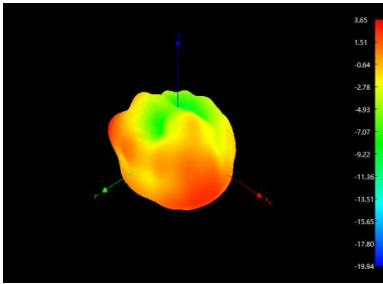


## 8. Bluetooth Antenna Pattern Picture

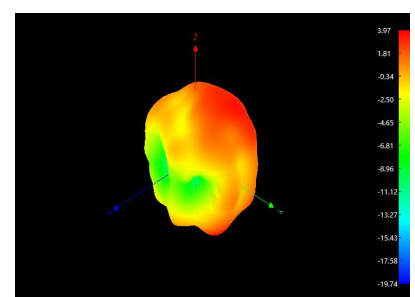
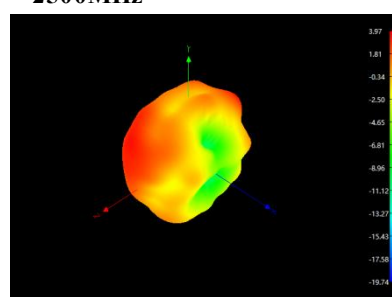
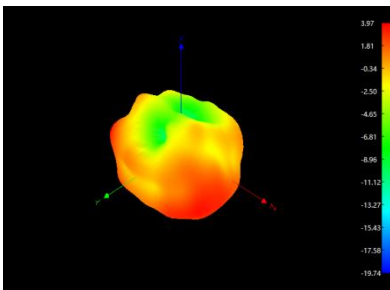
2400MHz



2450MHz

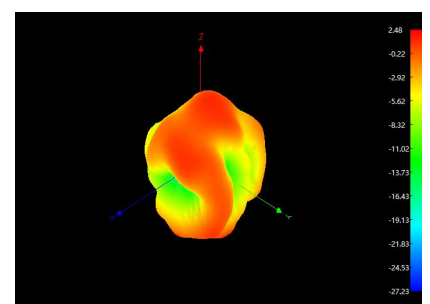
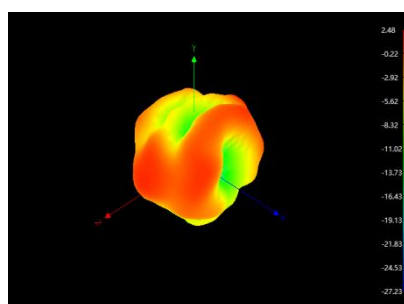
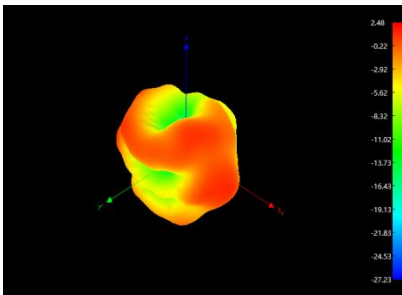


2500MHz

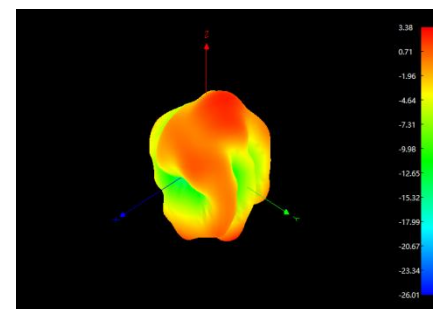
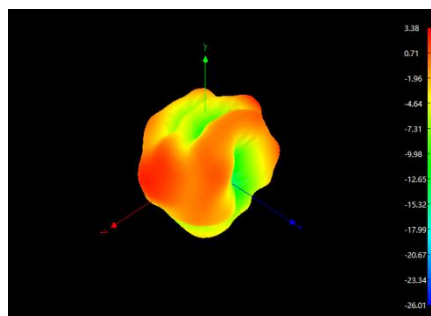
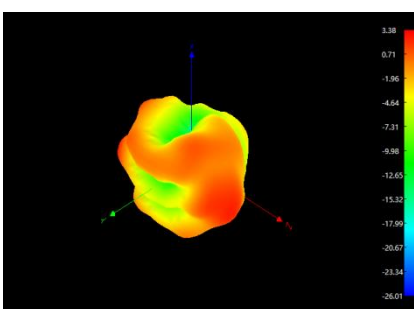


## 9. WIFI Antenna Patten Picture

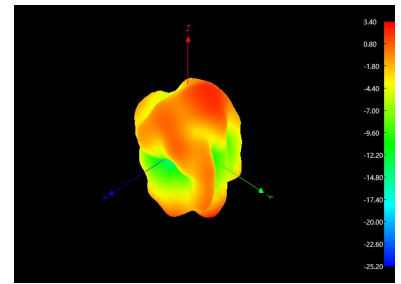
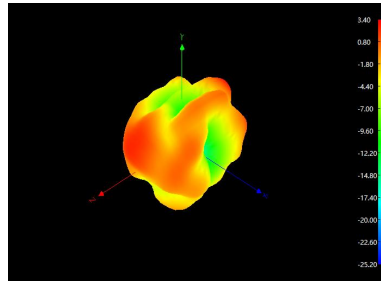
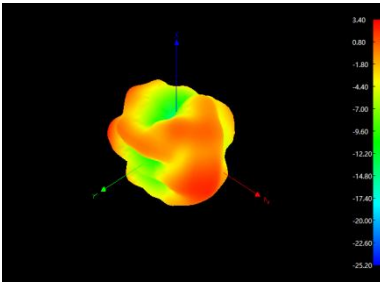
2400MHz



2450MHz



## 2500MHz



Tester by: Wu xianming

Wu Xianming