

## 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>	H613E

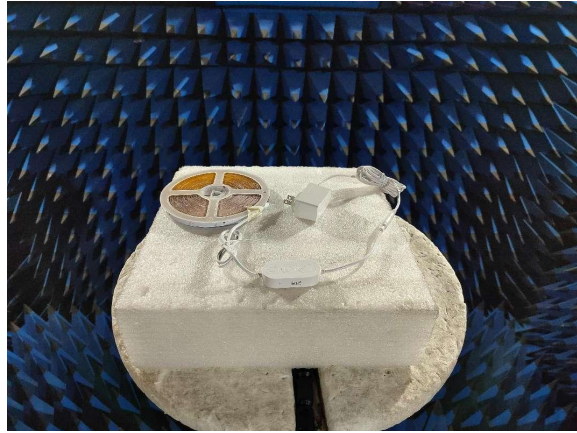
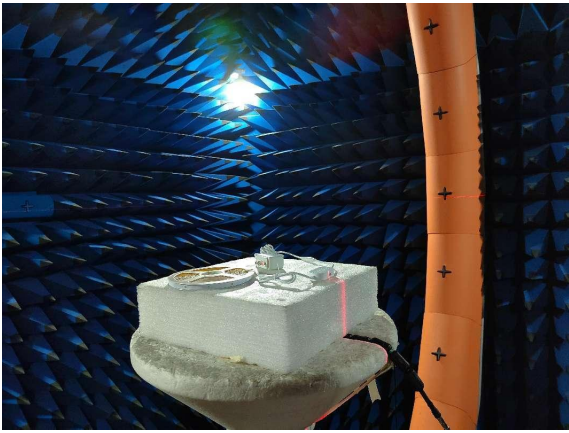
### 1. Test procedures

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

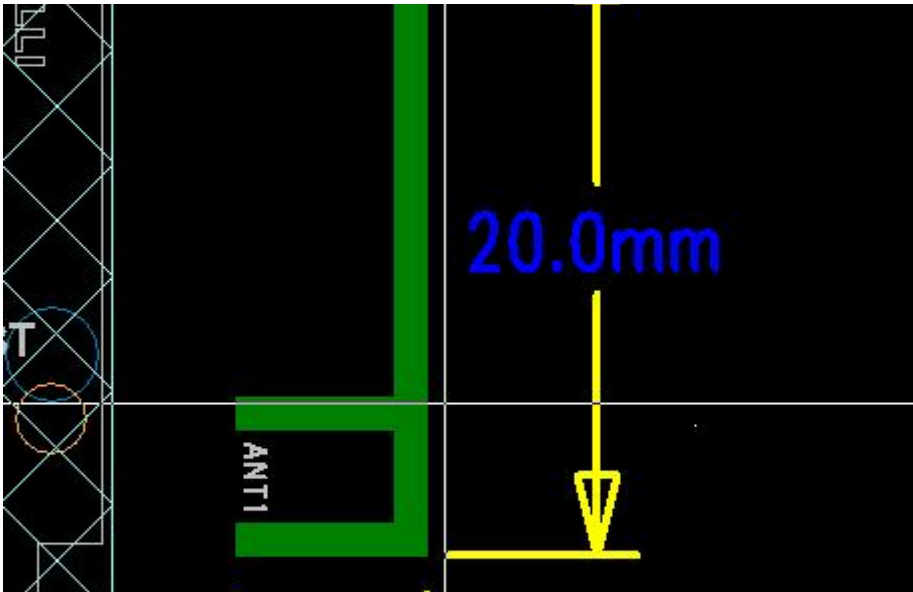
### 2. Test Equipment

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



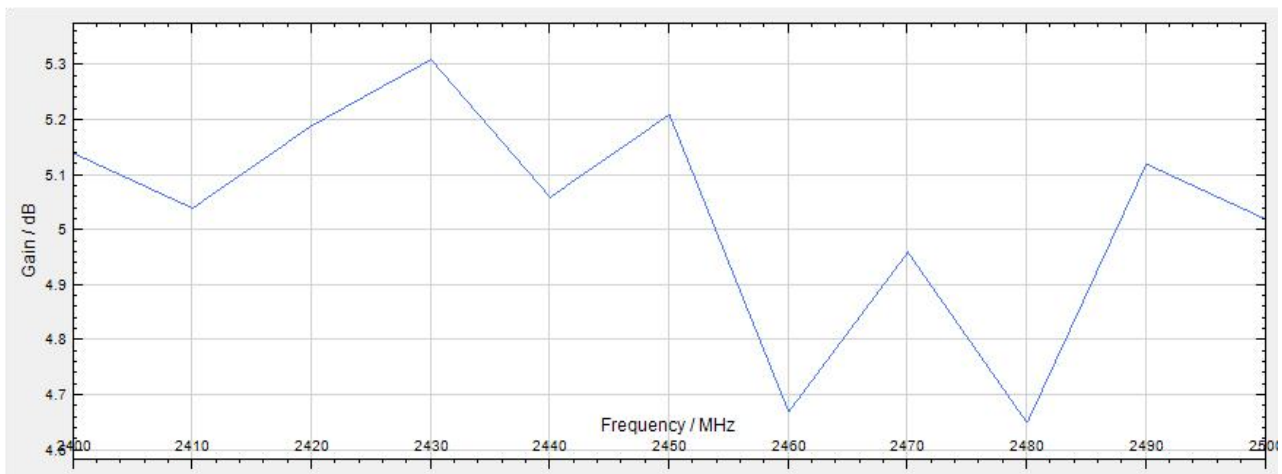
### 4. Bluetooth Antenna Physical Size



## 5. Bluetooth Antenna Type & Gain

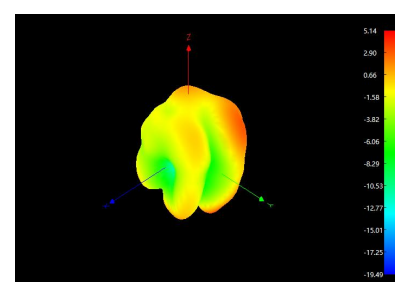
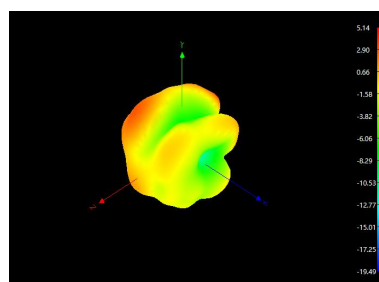
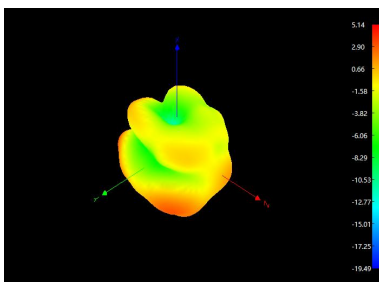
Type: PCB Antenna

Frequency / MHz	Gain/ dBi
2400	5.14
2410	5.04
2420	5.19
2430	5.31
2440	5.06
2450	5.21
2460	4.67
2470	4.96
2480	4.65
2490	5.12
2500	5.02

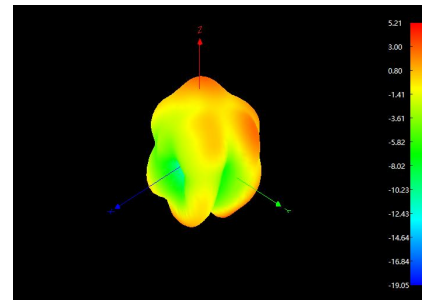
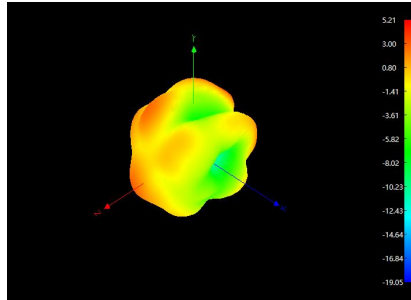
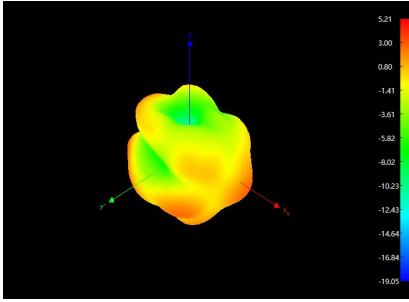


## 6. Bluetooth Antenna Pattern Picture

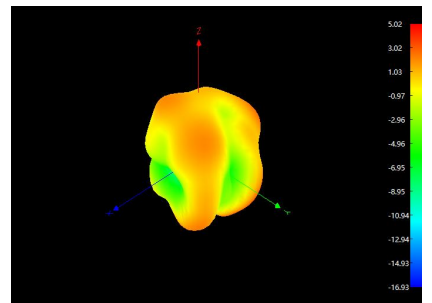
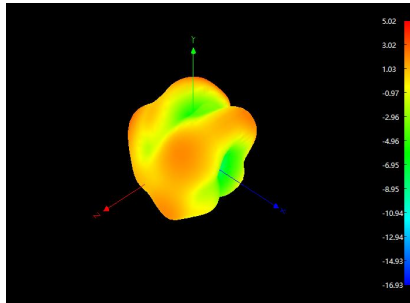
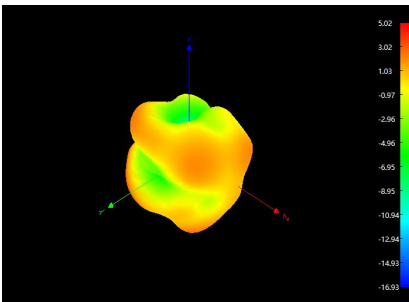
2400MHz



### 2450MHz



### 2500MHz



Tester by: Wu xianming

Wu Xianming