

Antenna test report

Test Laboratory	Dongguan Yijia Electronic Co., LTD
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Contact:	Mr. Gan 13823198410
Model	H6640

1. Test procedures

Name	Parameter	Method	Standard No.
Mobile communication antenna	VSWR	Generic specificaiton 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

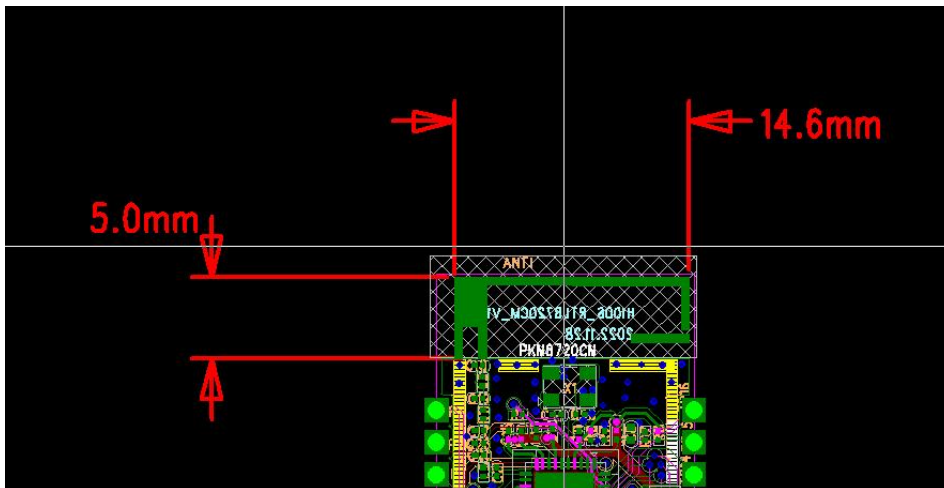
2. Test Equipment

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& SCH WARS	2023.08.25	2024.08.25
Wideband radio Communication tester	CMW500	YJ-RD- 16	ROHDE& SCH WARS	2023.08.25	2024.08.25

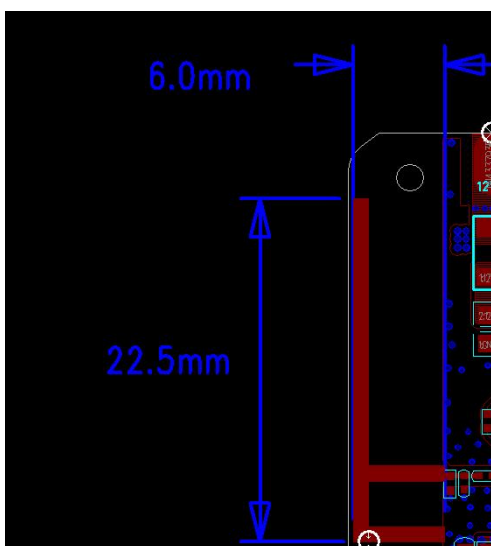
3. DUT Setup Photo



4. WiFi Antenna Physical Size



5. Bluetooth Antenna Physical Size

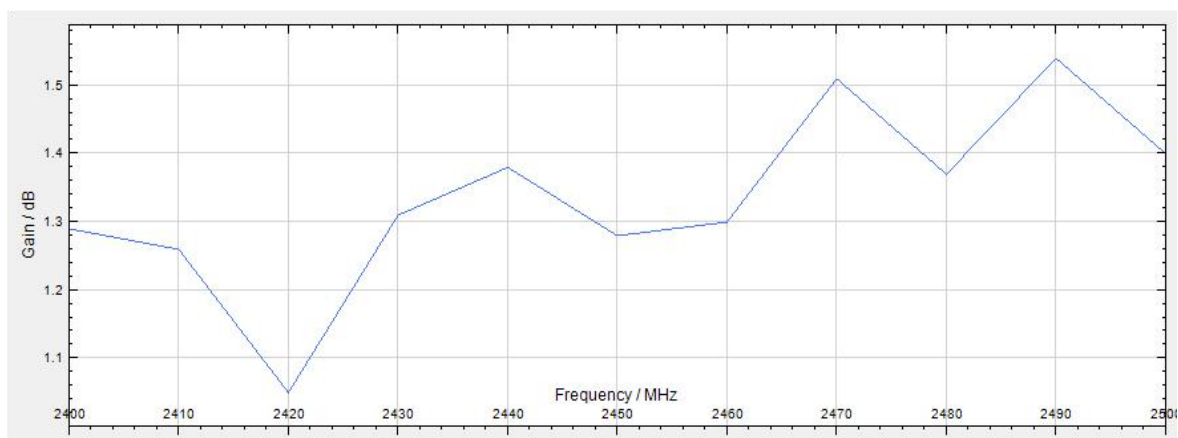


6. WiFi&Bluetooth Antenna Type & Gain

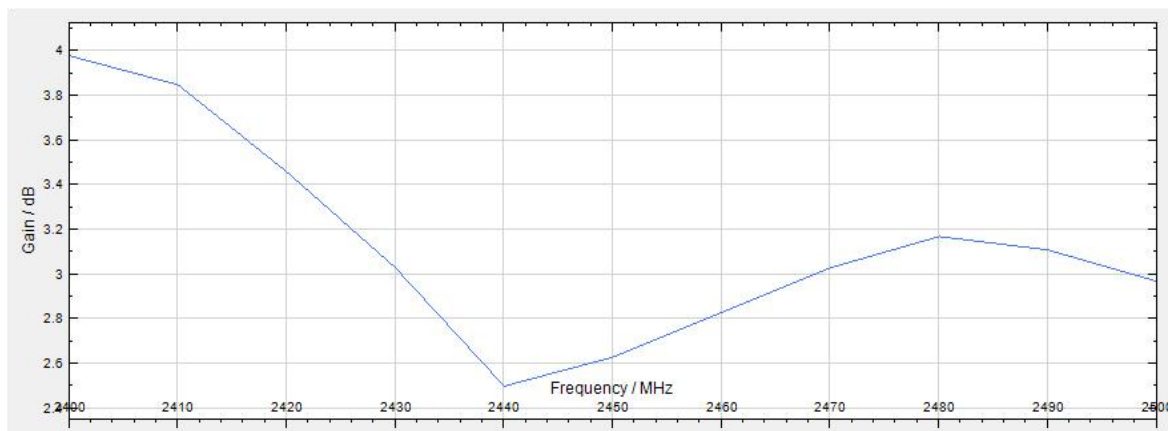
Type: PCB

Frequency / MHz	Gain/ dBi (WiFi)	Gain/ dBi (BT)
2400	1.29	3.98
2410	1.26	3.85
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	1.51	3.03
2480	1.37	3.17
2490	1.54	3.11
2500	1.4	2.97

WiFi:

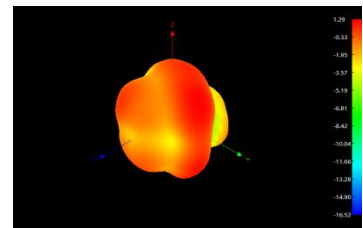


BT:

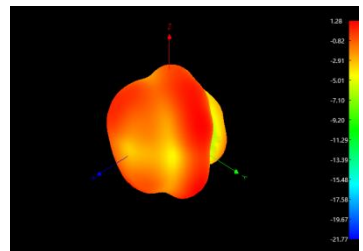


8. Bluetooth Antenna Pattern Picture

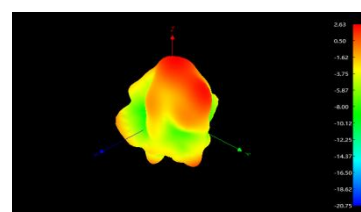
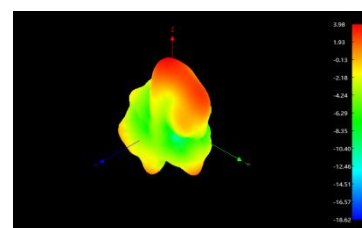
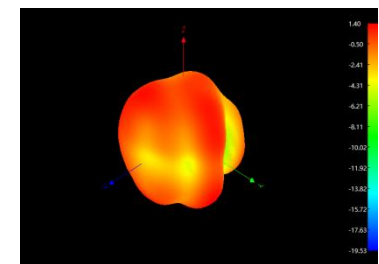
2400MHz



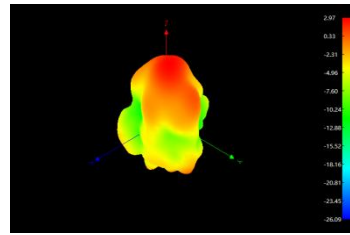
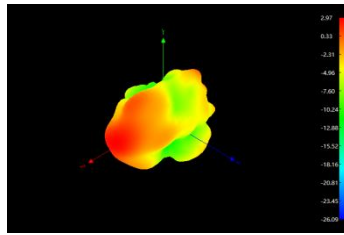
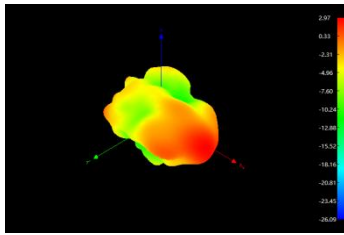
2450MHz



2400MHz



2500MHz



Tester by: Wu xianming

Wu Xianming