

Antenna test report

Test Laboratory	Dongguan Yijia Electronic Co., LTD
Address	No. 59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City, Guangdong Province
Contact:	Mr. Gan 13823198410
Model	H5044

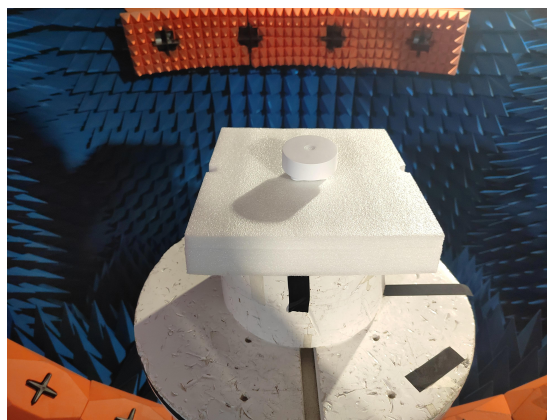
1. Test procedures

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

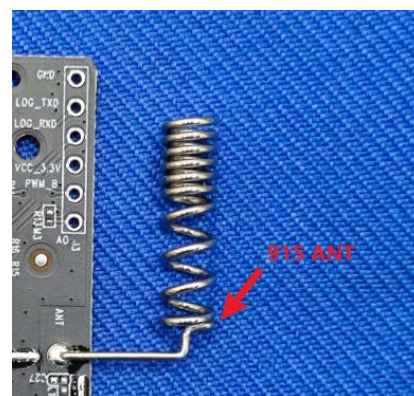
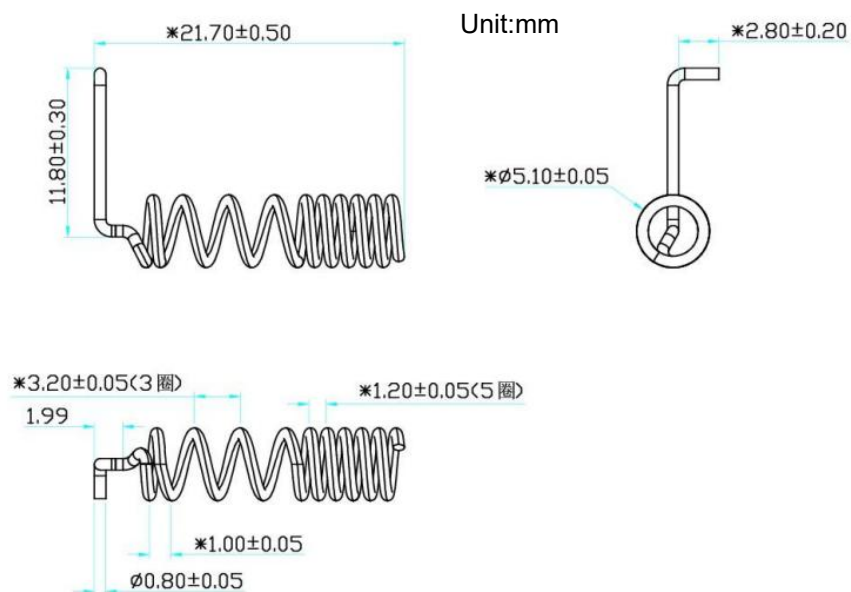
2. Test Equipment

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

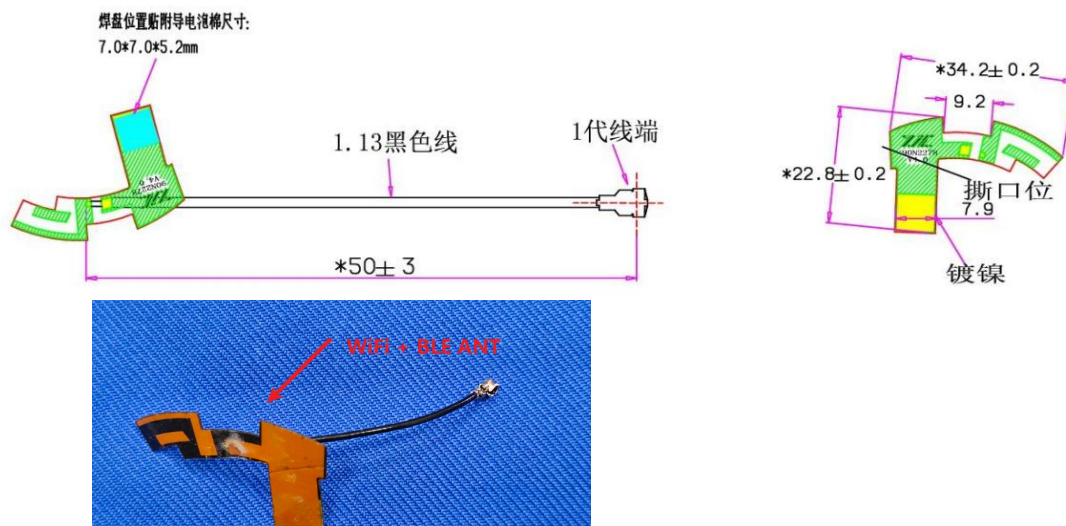
3. DUT Setup Photo



4. 915 Antenna Physical Size



5. BLE+WIFI Antenna Physical Size



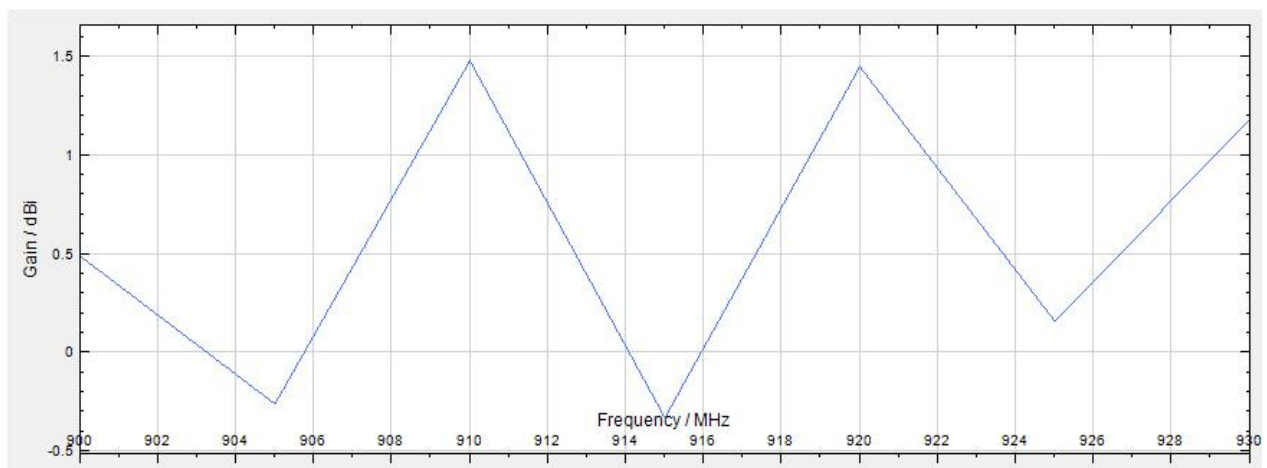
6. 915&WiFi+BLE Antenna Type & Gain

Type: PCB

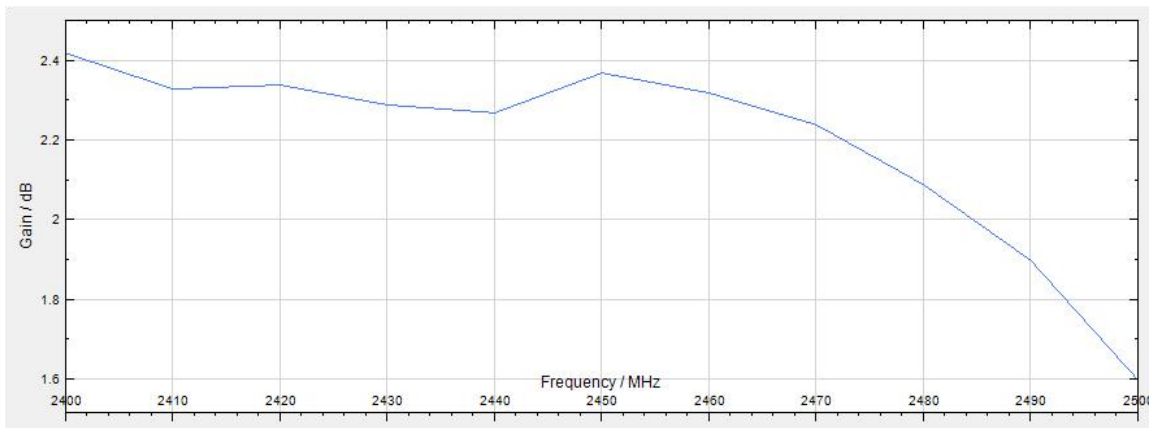
Frequency / MHz	Gain/ dBi
900	0.49
905	-0.26
910	1.48
915	-0.33
920	1.45
925	0.16
930	1.18

Frequency / MHz	Gain/ dBi
2400	2.42
2410	2.33
2420	2.34
2430	2.29
2440	2.27
2450	2.37
2460	2.32
2470	2.24
2480	2.09
2490	1.9
2500	1.6

915:

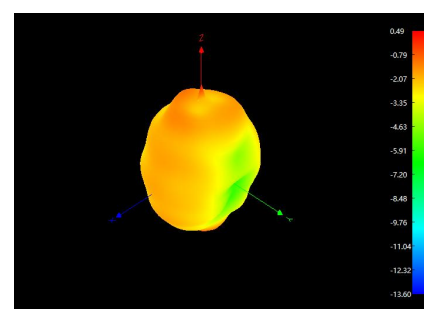
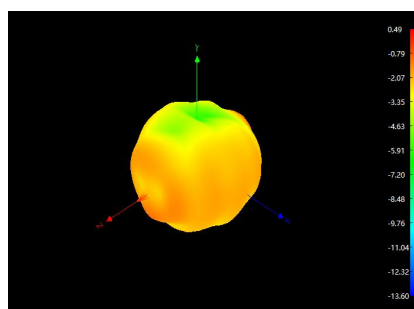
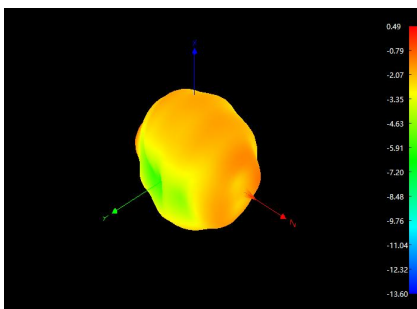


WiFi:

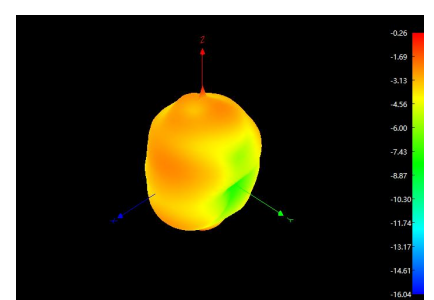
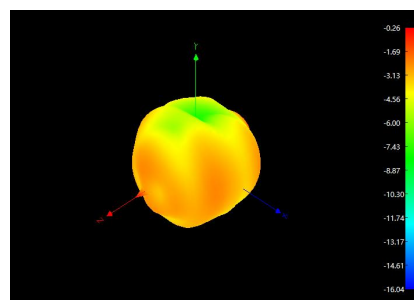
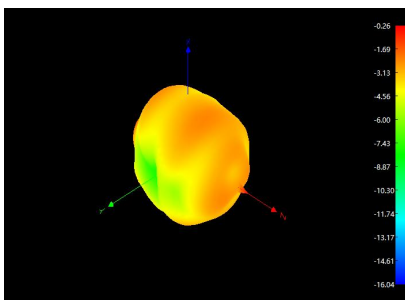


7. 915 Antenna Pattern Picture

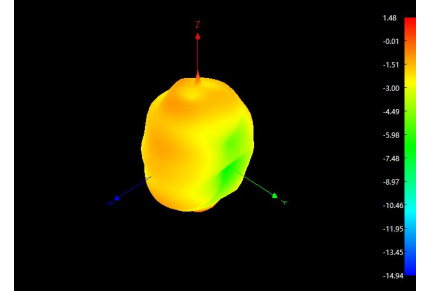
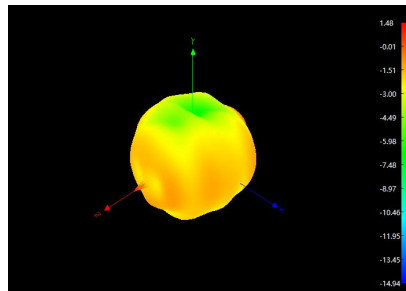
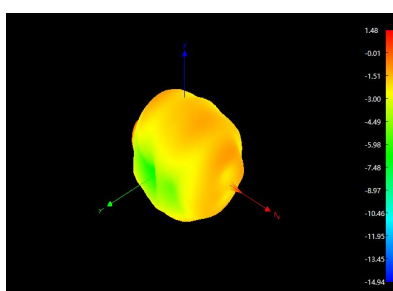
900MHz



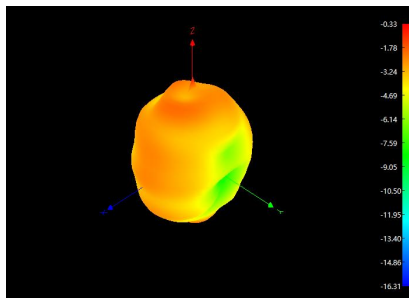
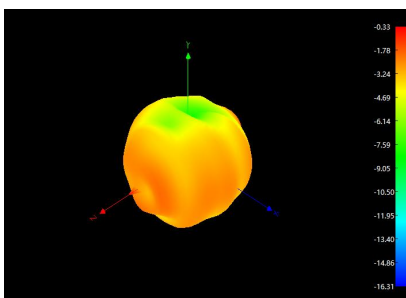
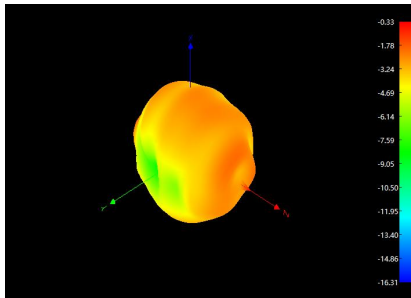
905MHz



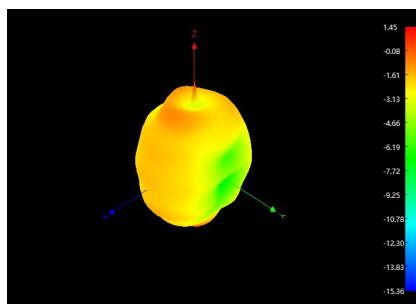
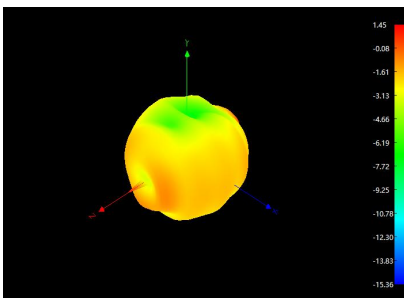
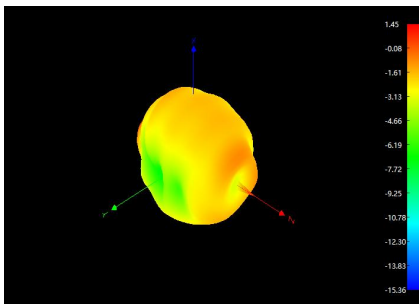
910MHz



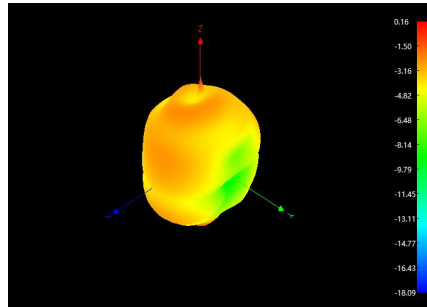
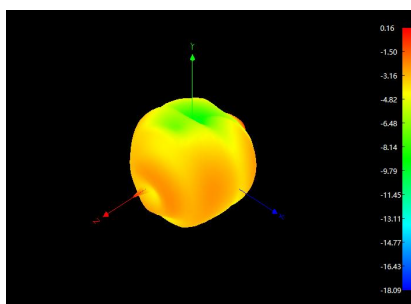
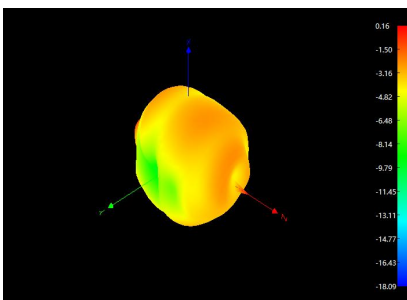
915MHz



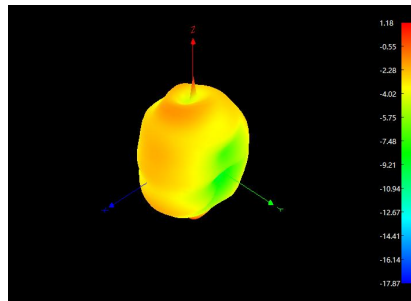
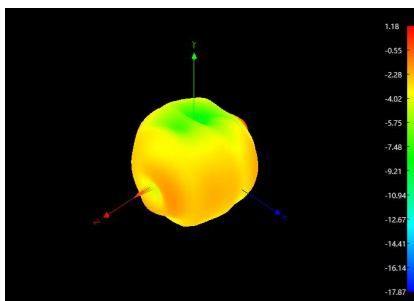
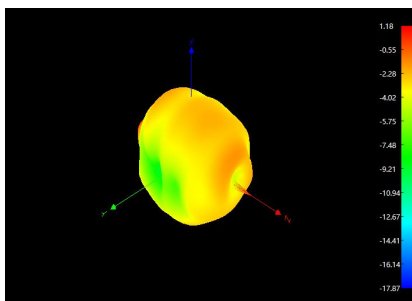
920MHz



925MHz

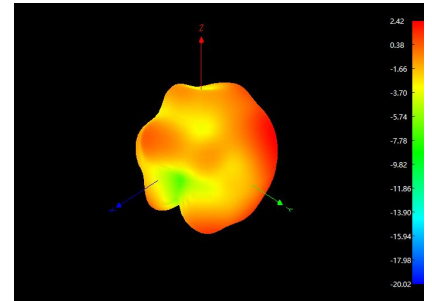
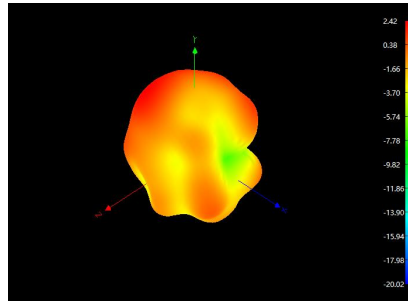
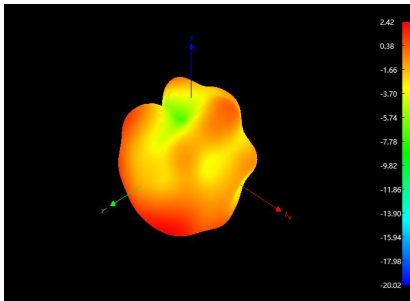


930MHz

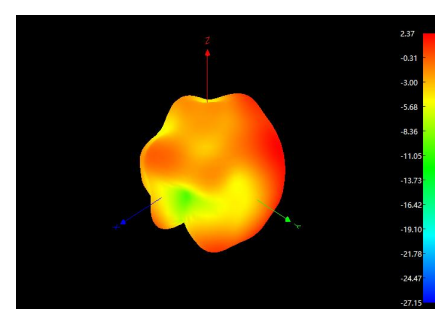
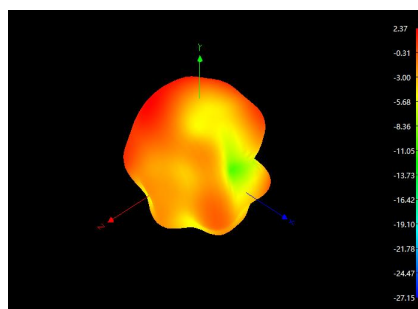
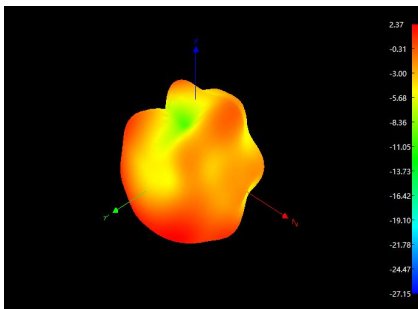


8. WiFi Antenna Pattern Picture

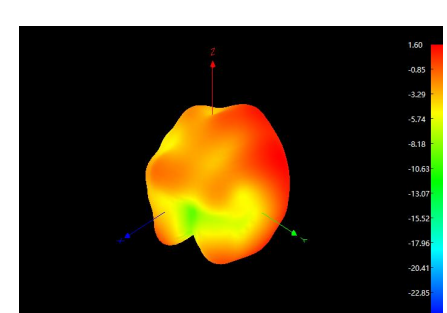
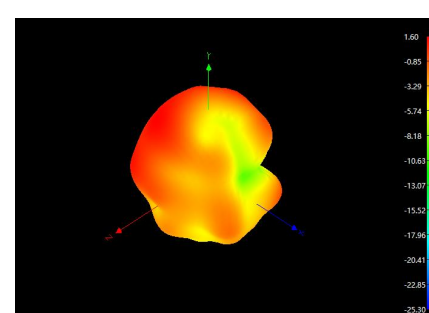
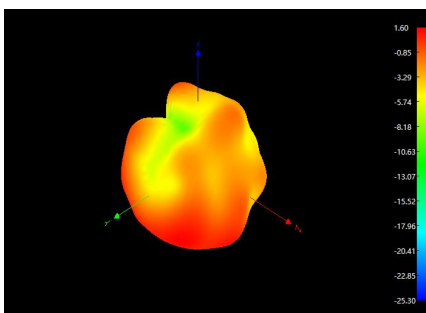
2400MHz



2450MHz



2500MHz



Tester by: Wu xianming

Wu Xianming