

Antenna test report

Model	H5112
Manufacturer	Shenzhen Qianyan Technology LTD
Address	No.3301 , Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen

1. Test procedures

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

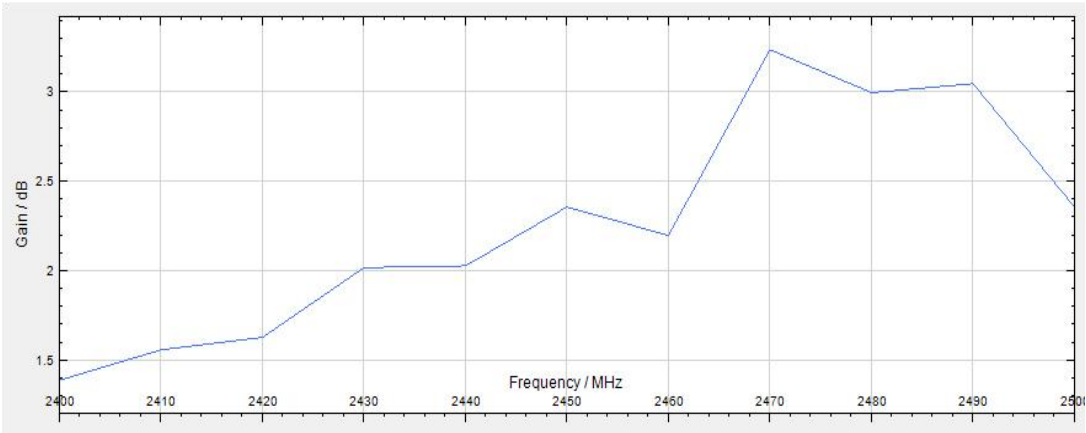
Equipment	Model No.	Serial No.	Manufacture	Calibration Date	Next calibration Date
24 probe Microwave chamber	MPS2450 Multi-probe OTA measurement systems 5*5*5	YJ-PB-F01	XH- IOE	2023.09.01	2024.09.01
Network Analyzer	ZVB8	YJ-RD- 15	ROHDE& SCH WARS	2023.08.25	2024.08.25

6. 915 Antenna Type & Gain

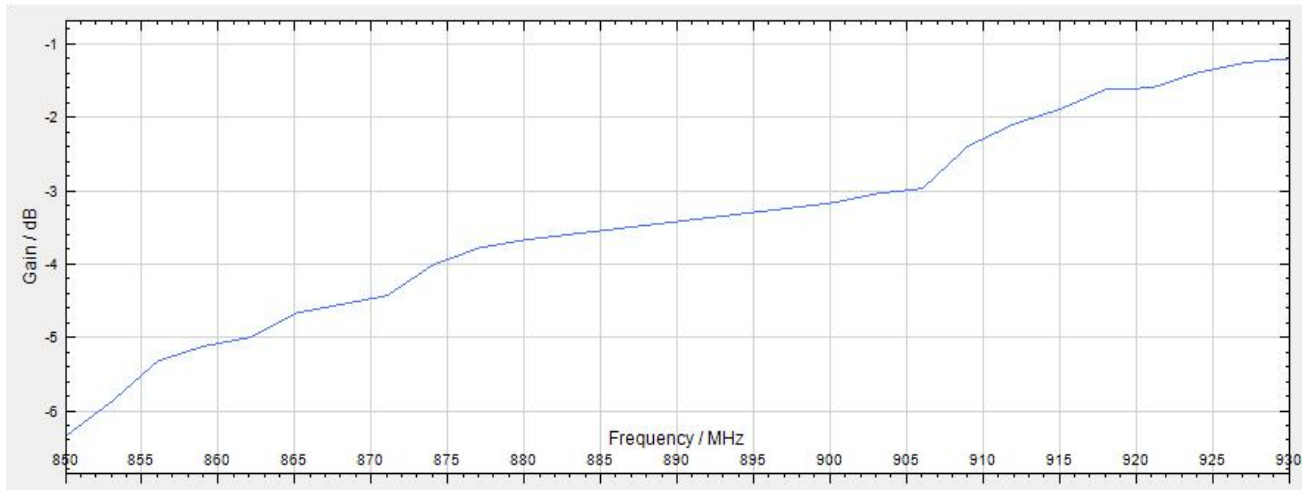
Type: Spring Antenna

Frequency / MHz	WIFI Gain/ dBi
850	-6.33
853	-5.86
856	-5.31
859	-5.11
862	-4.99
865	-4.66
868	-4.54
871	-4.42
874	-4
877	-3.77
880	-3.66
900	-3.16
903	-3.03
906	-2.96
909	-2.38
912	-2.08
915	-1.88
918	-1.61
921	-1.59
924	-1.38
927	-1.25
930	-1.19

BT

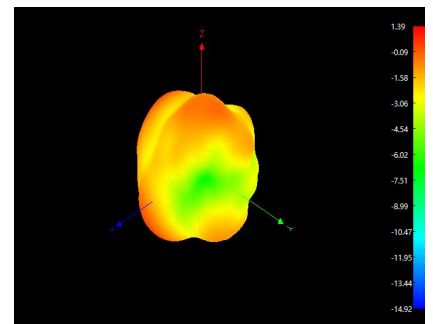
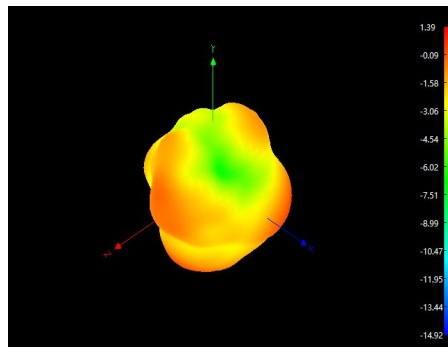
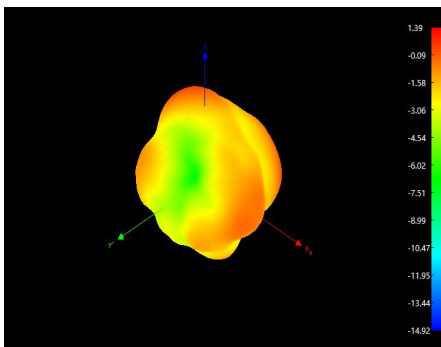


915:

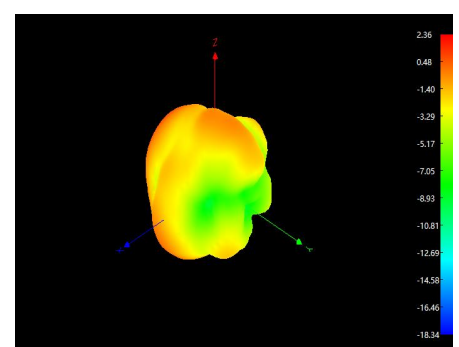
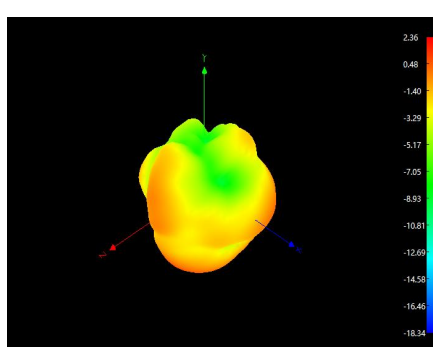
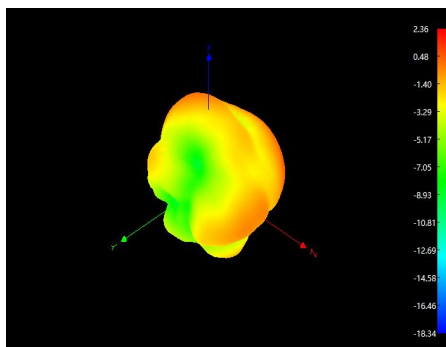


7. Bluetooth Antenna Pattern Picture

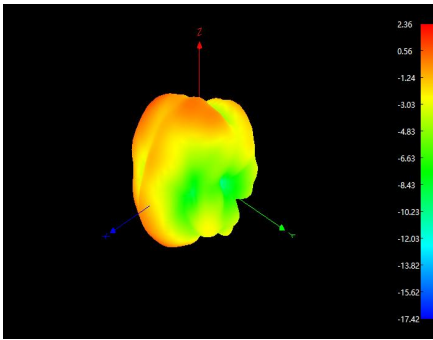
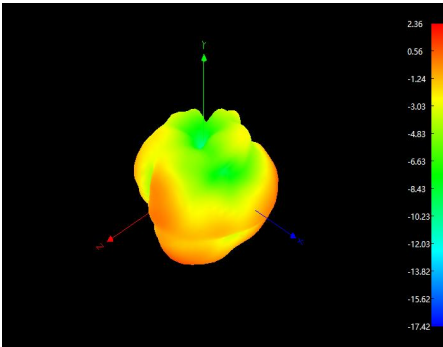
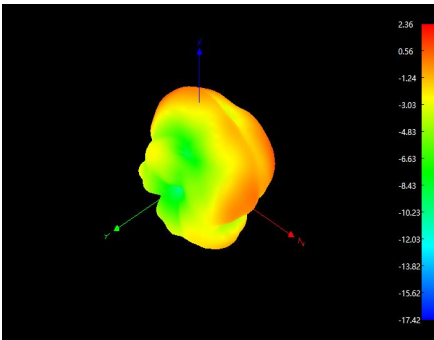
2400 MHz



2450 MHz

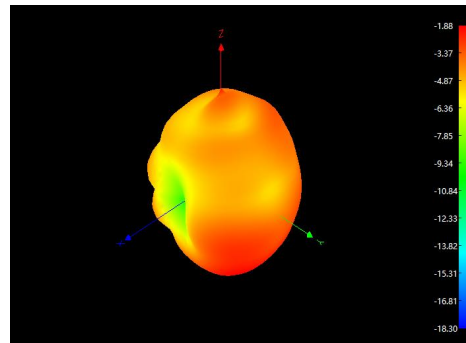
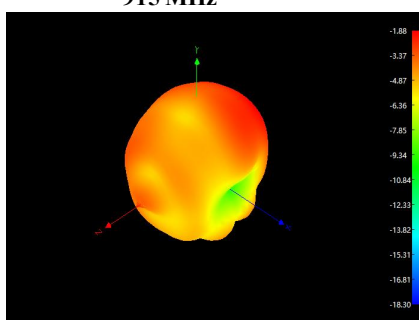
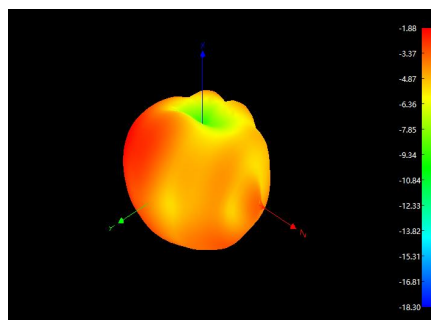


2500 MHz



8. 915 Antenna Pattern Picture

915 MHz



Tester by: Wu xianming

Wu Xianming