

Antenna test report

Manufacturer	Dongguan Yijia Electronic Co., LTD
Address	No. 59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City, Guangdong Province
Contact:	Mr. Gan 13823198410
Antenna Type	PCB ANT
Test laboratory:	SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co.. Ltd.
Address	FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

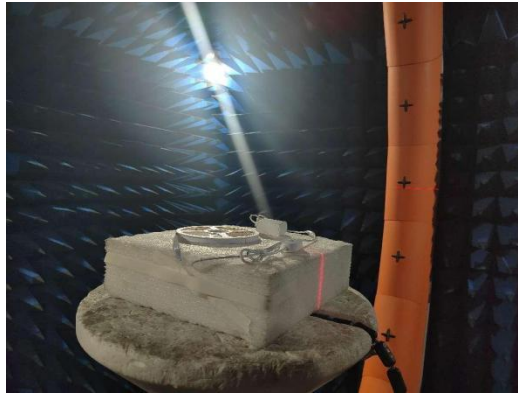
1. Test procedures

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

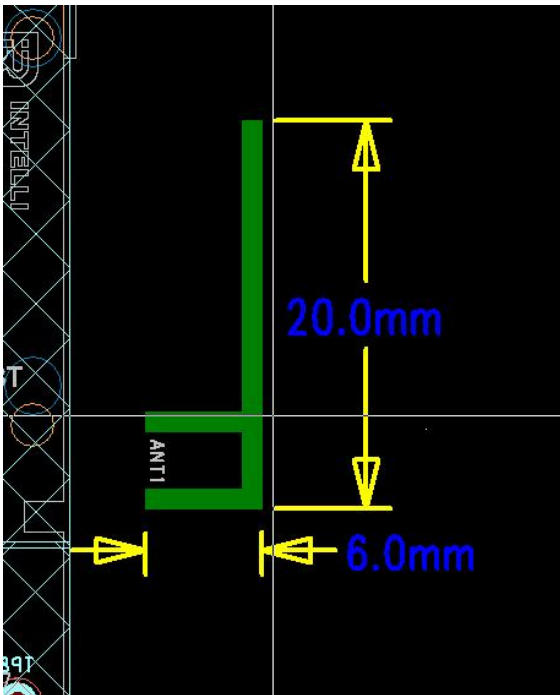
2. Test Equipment

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	2024.08.25	2025.08.25
Wideband radio Communication tester	CMW500	YJ-RD- 16	ROHDE& SCH WARS	2024.08.25	2025.08.25

3. DUT Setup Photo



4. Bluetooth Antenna Physical Size

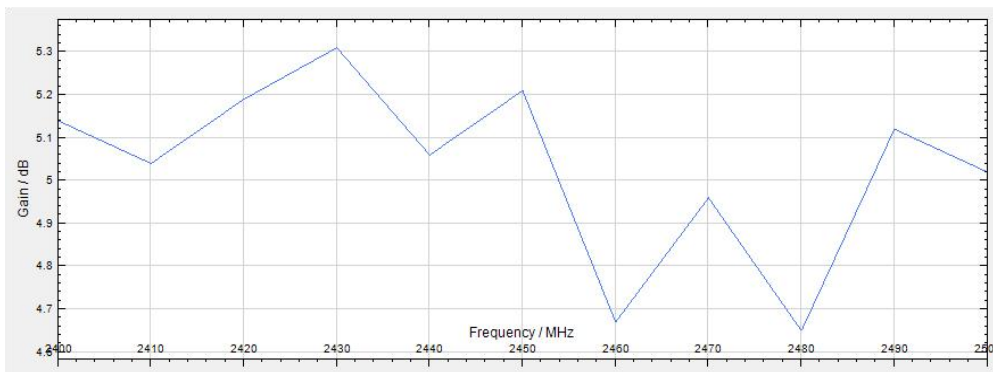


5. Bluetooth Antenna Type & Gain

Type: PCB

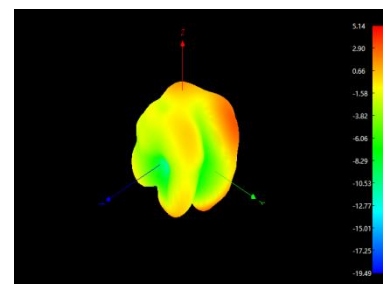
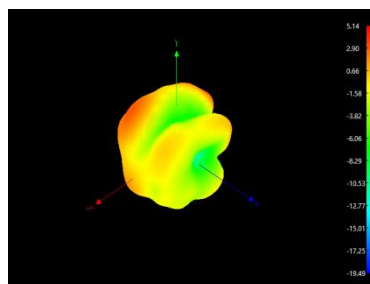
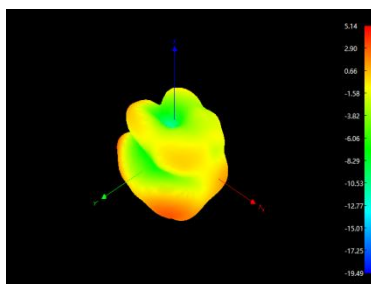
Frequency / MHz	BT Gain/ dBi
2400	5.14
2410	5.04
2420	5.19
2430	5.31
2440	5.06
2450	5.21
2460	4.67
2470	4.96
2480	4.65
2490	5.12
2500	5.02

BT:

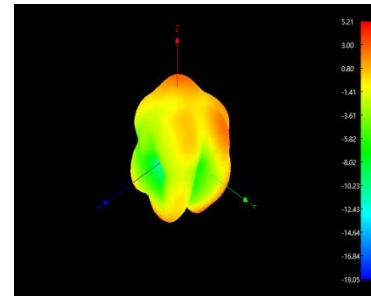
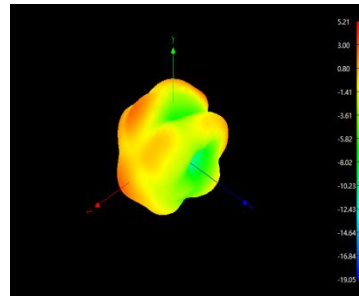
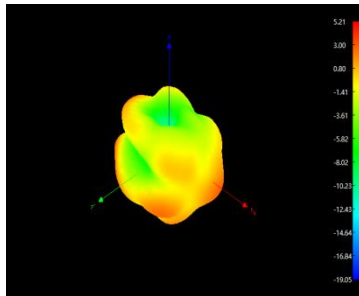


6. Bluetooth Antenna Pattern Picture

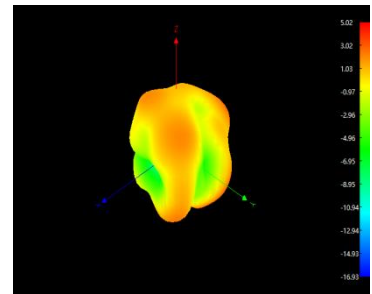
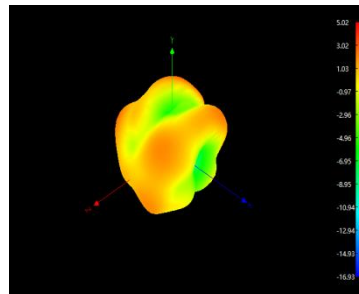
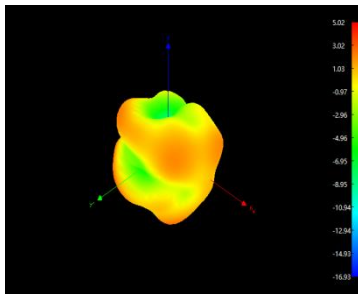
2400MHz



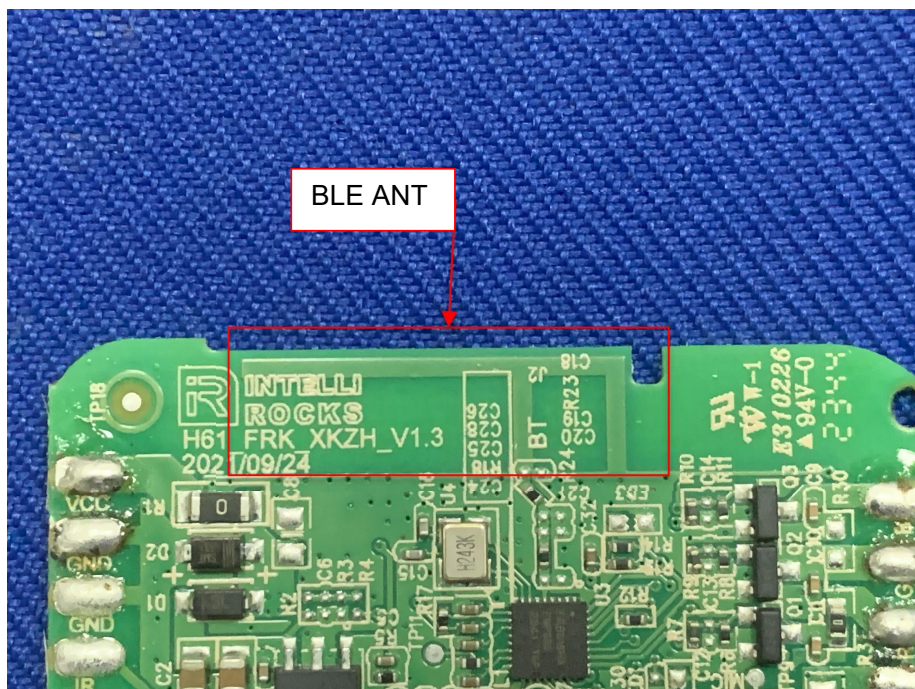
2450MHz



2500MHz



7. EUT Photo



Tester by: Wu xianming

Wu Xianming