

Antenna test report

Test Laboratory	Dongguan Yijia Electronic Co., LTD
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Contact:	Mr. Gan 13823198410
Model	H5104

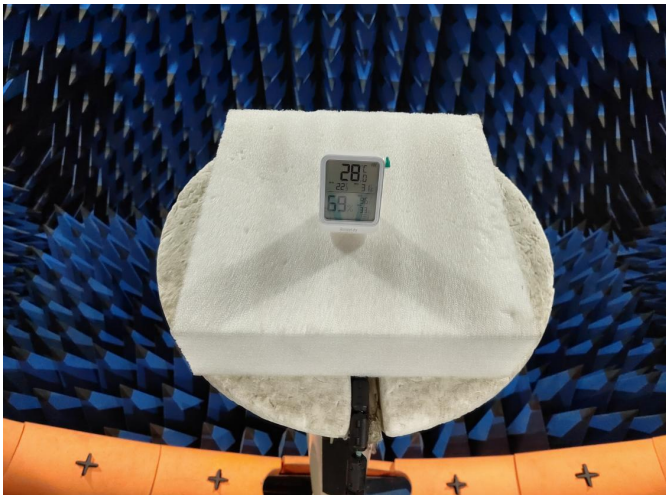
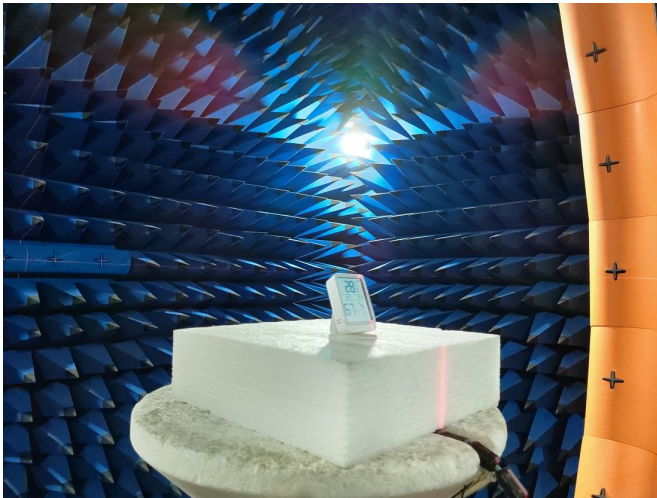
1. Test procedures

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

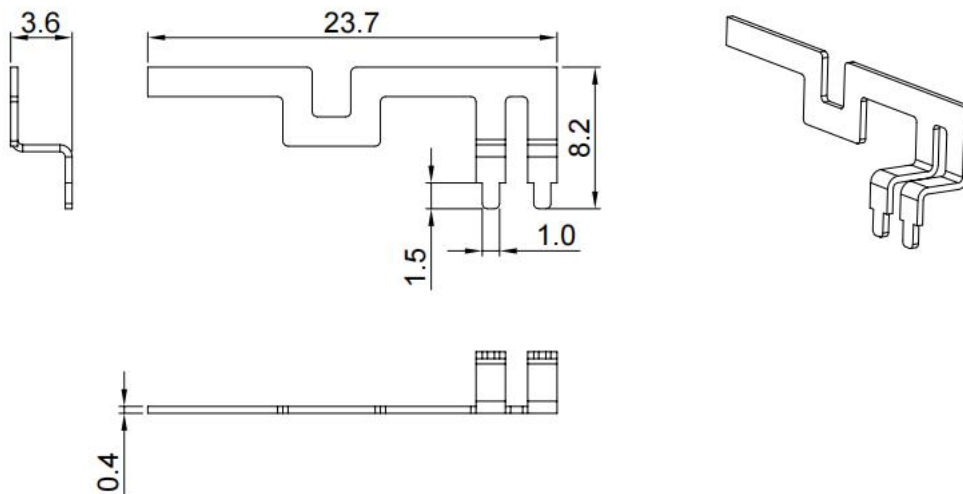
2. Test Equipment

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& SCH WARS	2022.08.25	2023.08.25
Wideband radio Communication tester	CMW500	YJ-RD- 16	ROHDE& SCH WARS	2022.08.25	2023.08.25

3. DUT Setup Photo



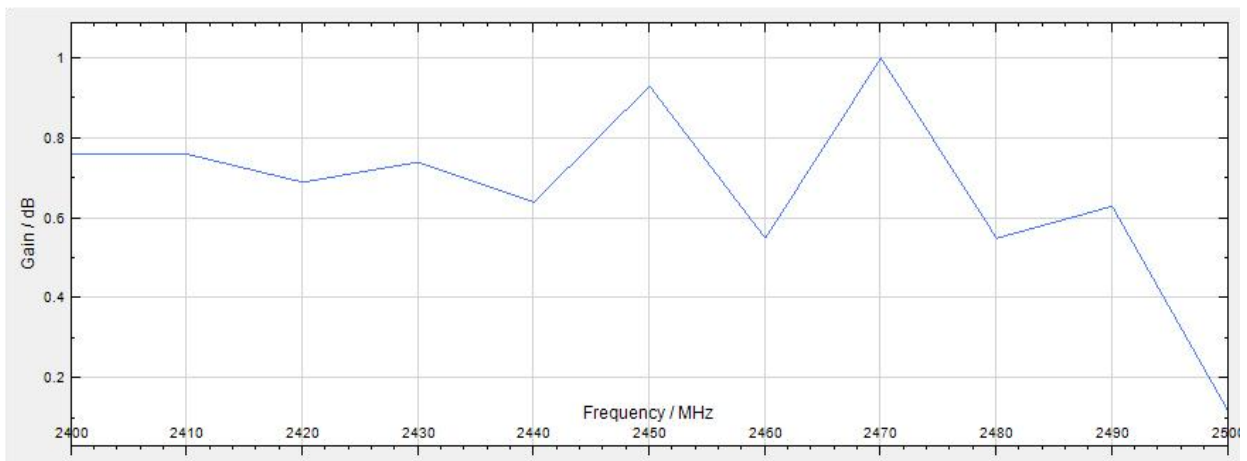
4. Bluetooth Antenna Physical Size



5. Bluetooth Antenna Gain

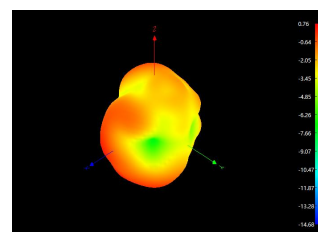
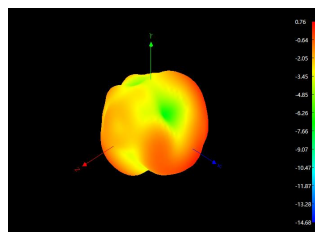
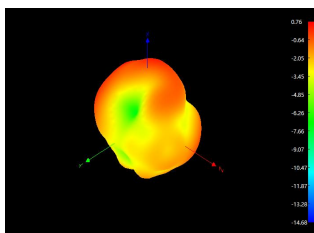
Frequency / MHz	Gain/ dBi
2400	0.76
2410	0.76
2420	0.69

2430	0.74
2440	0.64
2450	0.93
2460	0.55
2470	1
2480	0.55
2490	0.63
2500	0.12

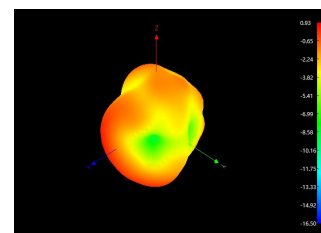
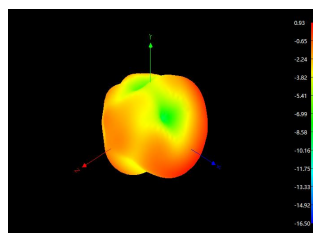
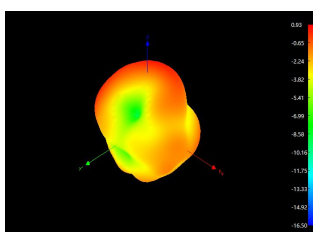


6. Antenna Patten Picture

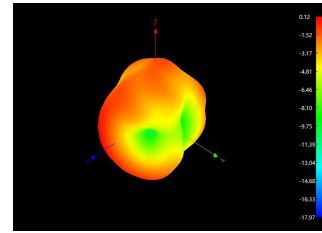
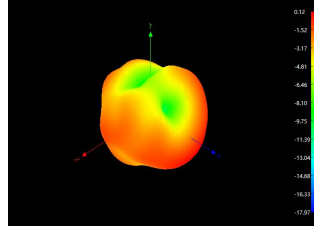
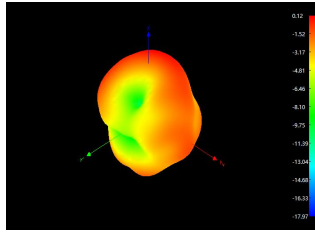
2400MHz



2450MHz



2500MHz



Tester by: Wu xianming

Wu Xianming