

天线测试报告Antenna Test Report

测试项目Test items: H705A

1. 测试程序（测试标准）：

3.1 Test standard

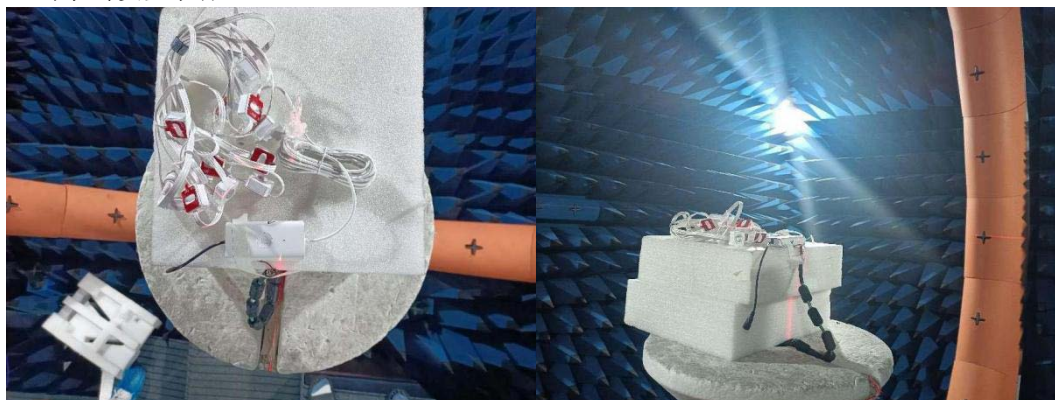
Name	Parameter	Method	Standard no.
Mobile communication antenna	VSWR	Generic specification for antennas used in the mobile communications	GB/T 9410-2008
	Antenna gain		
	Radiation pattern		
Antenna	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979

2. 设备清单：

1.3 Test equipment

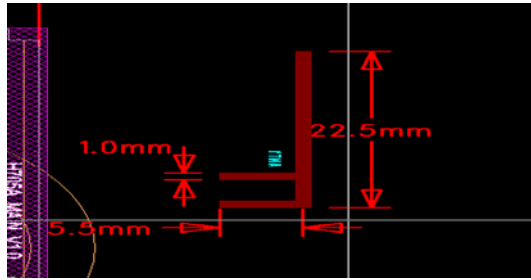
Equipment	Model No.	Serial No.	Manufacturer	Calibration date	Next calibration date
16 probe microwave chamber	3*3*2.5	RFI-LAB-RF-A00	SUNYIELD	2021.3.15	2023.3.14
Network Analyzer	E5071C	RFI-LAB-RF-A02	Agilent	2022.4.29	2023.4.28
Network Analyzer	E5071C	RFI-LAB-RF-C02	KEYSIGHT	2022.4.29	2023.4.28

3. 测试设置图：



4. 测试数据

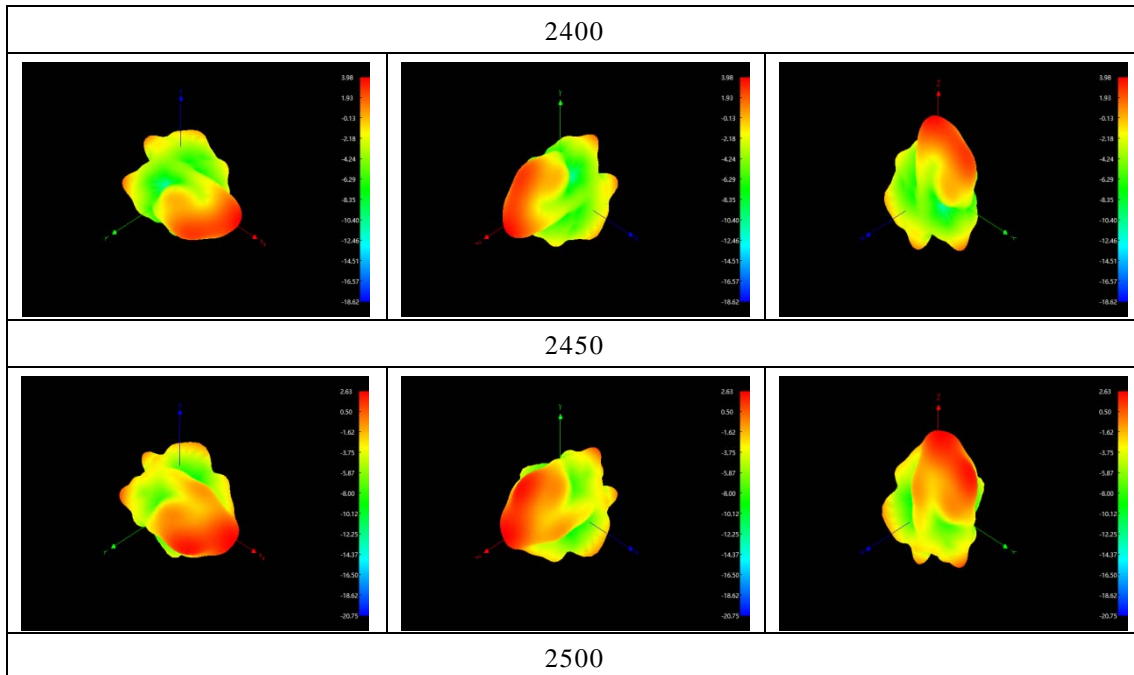
4.1.1 BluetoothAntennaphysicalsize

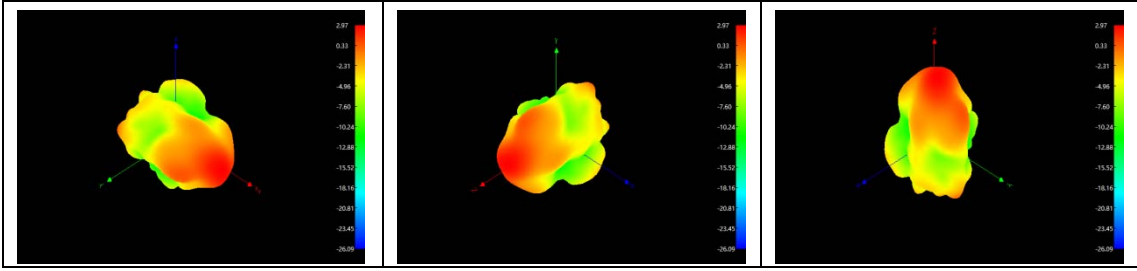


4.1.2 BluetoothAntennatype: PCBantenna

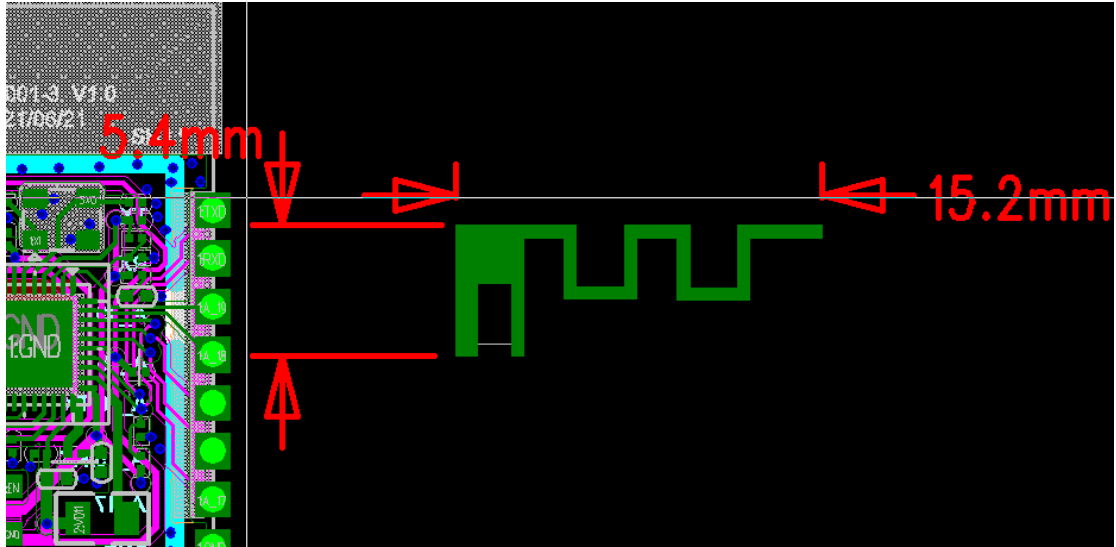
Frequency / MHz	Gain/ dB
2400	3.98
2410	3.85
2420	3.46
2430	3.03
2440	2.5
2450	2.63
2460	2.83
2470	3.03
2480	3.17
2490	3.11
2500	2.97

4.1.3 Bluetooth antenna pattern pictuter





4.2.1 Wi-Fi Antenna physical size



4.2.2 WIFI Antenna type: PCB Antenna

Frequency / MHz	Gain/ dB
2400	3.77
2410	3.59
2420	3.3
2430	3.29
2440	3.41
2450	3.51
2460	3.54
2470	3.47
2480	3.34
2490	3.44
2500	2.93

Item	Measurement	Band	Channel	Total
1	TRP	WIFI_B (11M)	1	10.96
2	TRP	WIFI_B (11M)	6	11.28
3	TRP	WIFI_B (11M)	11	10.3
4	TIS(EIRP)	WIFI_B (11M)	1	-82.97
5	TIS(EIRP)	WIFI_B (11M)	6	-82.28
6	TIS(EIRP)	WIFI_B (11M)	11	-80.89

4.2.3 Bluetooth antenna pattern pictuter

