Antenna test report

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Contact:	Mr. Gan 13823198410
Test item:	H6047

1. Test procedures (test standards)；

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. Equipment list；

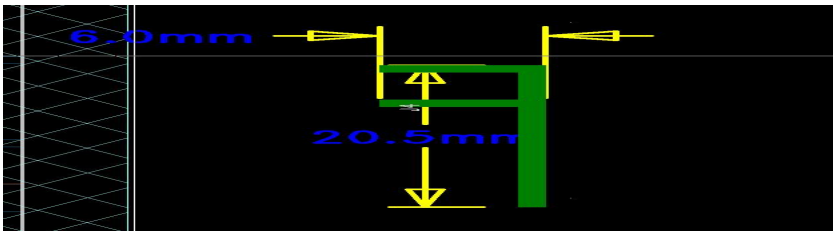
1.3 Test equipment

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. Test setup diagram；

4. Test data

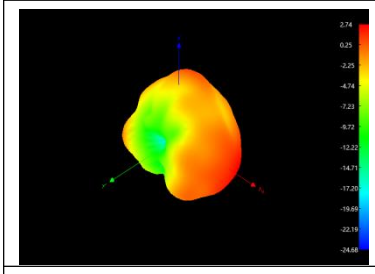
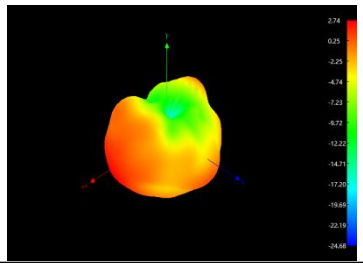
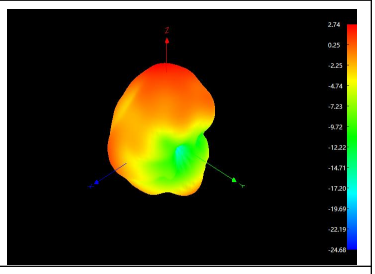
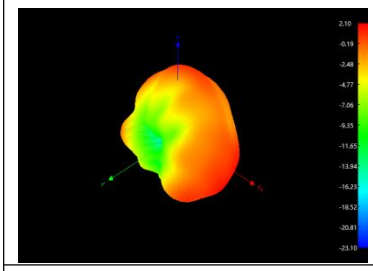
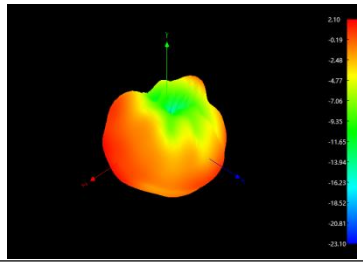
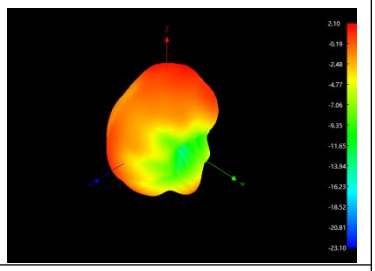
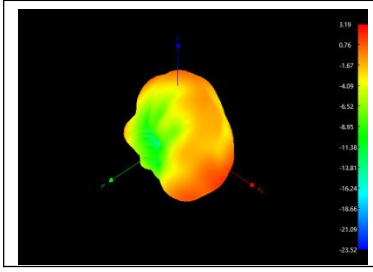
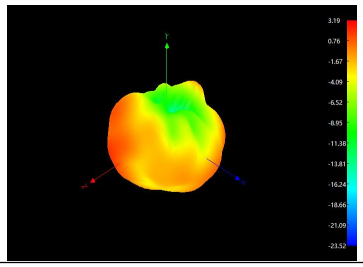
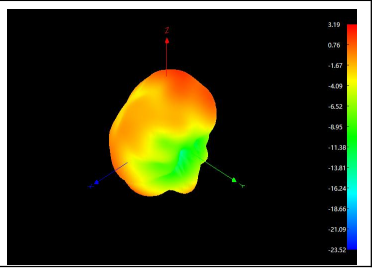
4.1.1 Bluetooth Antenna physical size



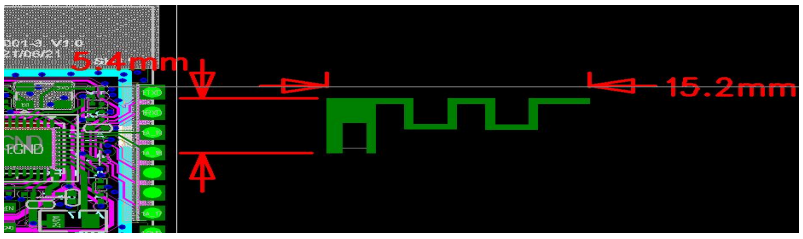
4.1.2 Bluetooth Antenna type: PCB antenna

Frequency / MHz	Gain/ dB
2400	2.74
2410	2.56
2420	2.44
2430	2.15
2440	1.82
2450	2.1
2460	2.04
2470	2.83
2480	2.74
2490	3.39
2500	3.19

4.1.3 Bluetooth antenna pattern pictuter

2400		
		
2450		
		
2500		
		

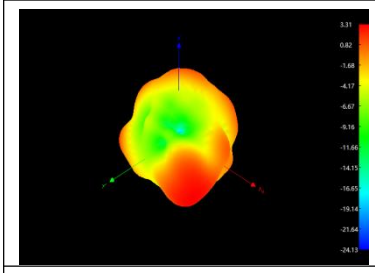
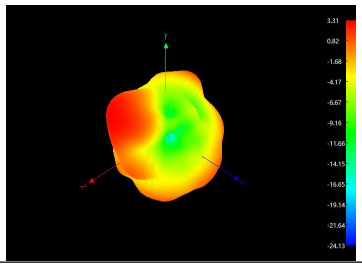
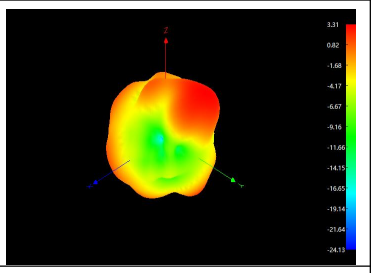
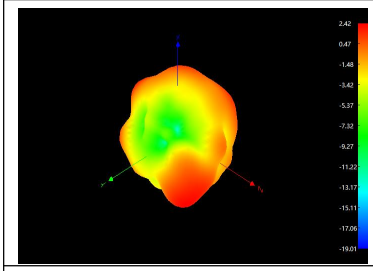
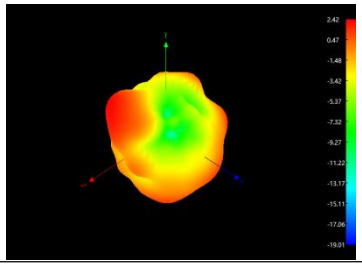
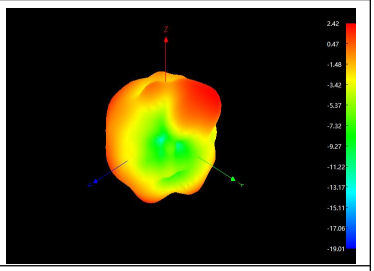
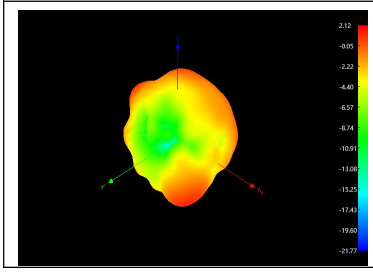
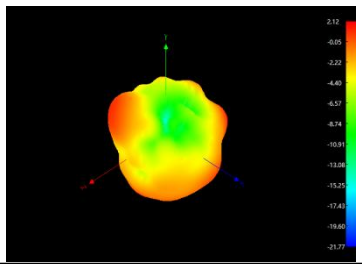
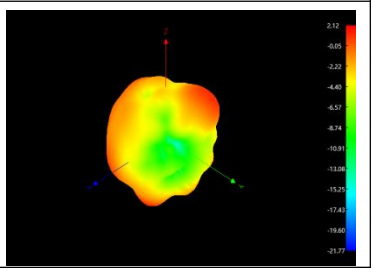
4.2.1 Wi-Fi Antenna physical size



4.2.2 WIFI Antenna type: PCB antenna

Frequency / MHz	Gain/ dB
2400	3.31
2410	3.1
2420	2.91
2430	2.7
2440	2.31
2450	2.42
2460	2.28
2470	2.52
2480	2.09
2490	2.43
2500	3.98

4.2.3 WIFI antenna pattern pictuter

2400		
		
2450		
		
2500