

Antenna test report

Test Laboratory:	Dongguan Yijia Electronic Co., LTD
Laboratory address:	No. 59 Muyu Road, Shatou Community, Chang'an Town, Dongguan City, Guangdong Province
Contact:	Mr. Gan 13823198410
Test item:	H6171
Manufacturer :	GUANGDONG KINGSHINE ELECTRONIC TECHNOLOGY CO LTD
Manufacturer address:	No9 In Long Shan Eight Road West District Of Dayawan 516080 Huizhou,CHINA

1. Test procedures (test standards):

3.1 Test standard

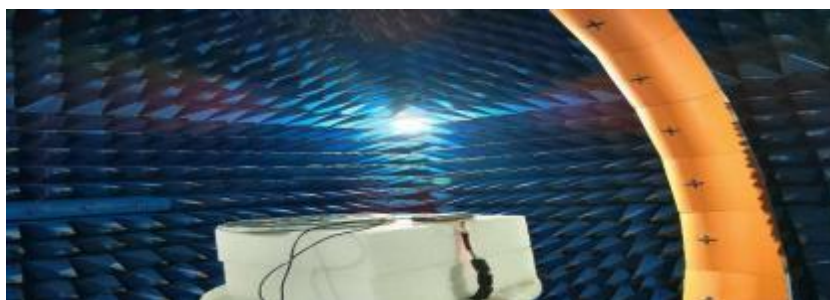
Name	Parameter	Method	Standard no.
Mobile communication antenna	VSWR	Generic specification for antennas used in the mobile communications	GB/T 9410-2008
	Antenna gain		
	Radiation pattern		
Antenna	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979

2. Equipment list;

1.3 Test equipment

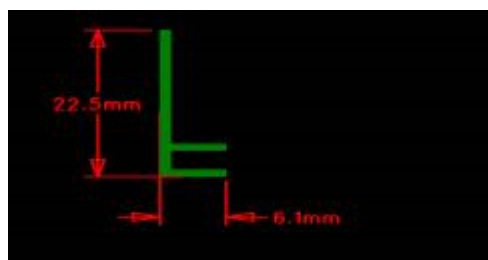
Equipment	Model No.	Serial No.	Manufacturer	Calibration date	Next calibration date
16 probe microwave chamber	3*3*2.5	RFI-LAB-RF-A00	SUNYIELD	2021.3.15	2023.3.14
Network Analyzer	E5071C	RFI-LAB-RF-A02	Agilent	2022.4.29	2023.4.28
Network Analyzer	E5071C	RFI-LAB-RF-C02	KEYSIGHT	2022.4.29	2023.4.28

3. Test setup diagram;



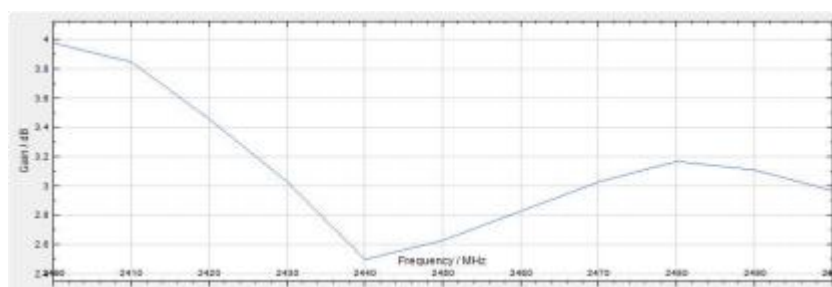
4. Test data

4 . 1 . 1 Bluetooth Antenna physical size



4 . 1 . 2 Bluetooth Antenna type: PCB antenna

Frequency / MHz	Gain/ dB
2400	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 ant enna pattern pictut er

