

Antenna data sheet

Antenna Type : PCB antenna

Peak Gain : 2.84dBi

PCB Antenna Manufacturer:	HONGLINSHENG
Address:	Weiergao Electronics Factory, Hangcheng Avenue, Guxing Community, Xixiang Street, Bao'an District, Shenzhen
DATE:	2025-03-03

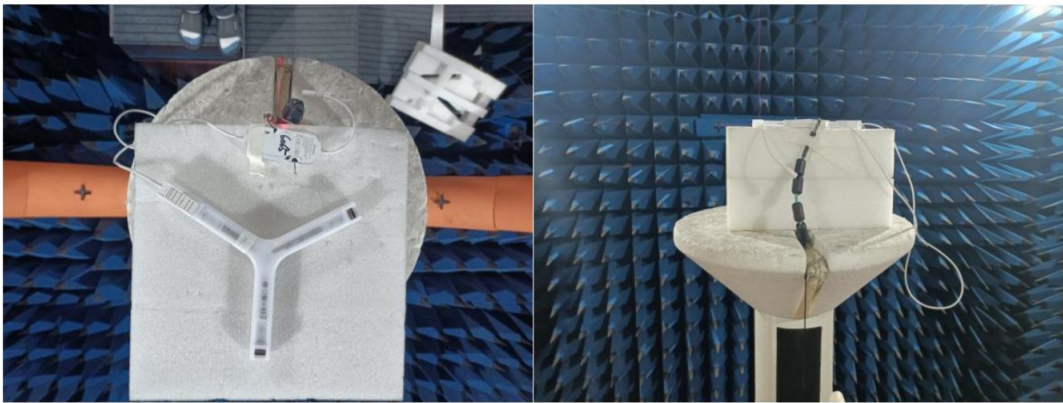
3.1 Test standard

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

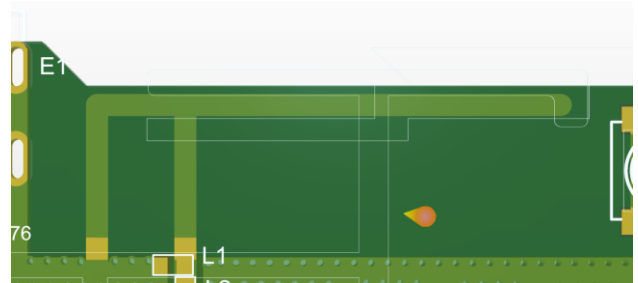
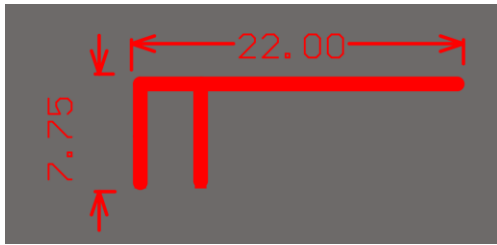
1.3 Test equipment

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

Test setup



4.1.1 Bluetooth Antenna physical size



4.1.2 Bluetooth Antenna type: PCB antenna

Frequency / MHz	Gain/ dB	Polarity
2402	1.67	Horizontal
2402	2.02	Vertical
2442	2.23	Horizontal
2442	2.84	Vertical
2480	2.26	Horizontal
2480	2.19	Vertical

4.1.3 Radiation Pattern View

