

C58 Antenna

Specifications

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1.1 Wifi Antenna

1.1.1 Antenna type

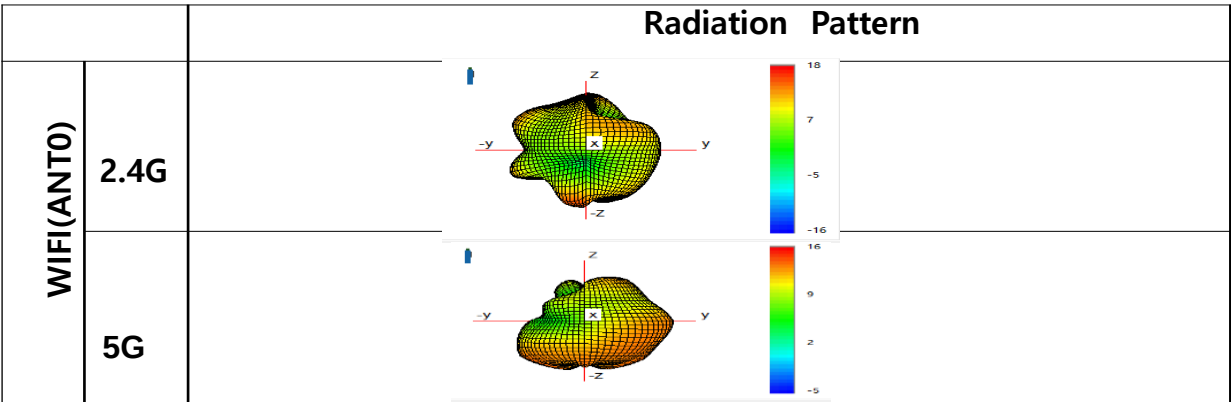
Internal antenna

1.1.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
WIFI2.4/BT	2402-2480	-5.2	-1	ANT2

BAND	Freq[MHZ]	Avg Gain[dbi]	PEAK Gain[dbi]	TX ANT
WIFI 5G	5150-5850	-5	-1.2	ANT2

1.1.3 Radiation Pattern



1.2 Cellular Antenna

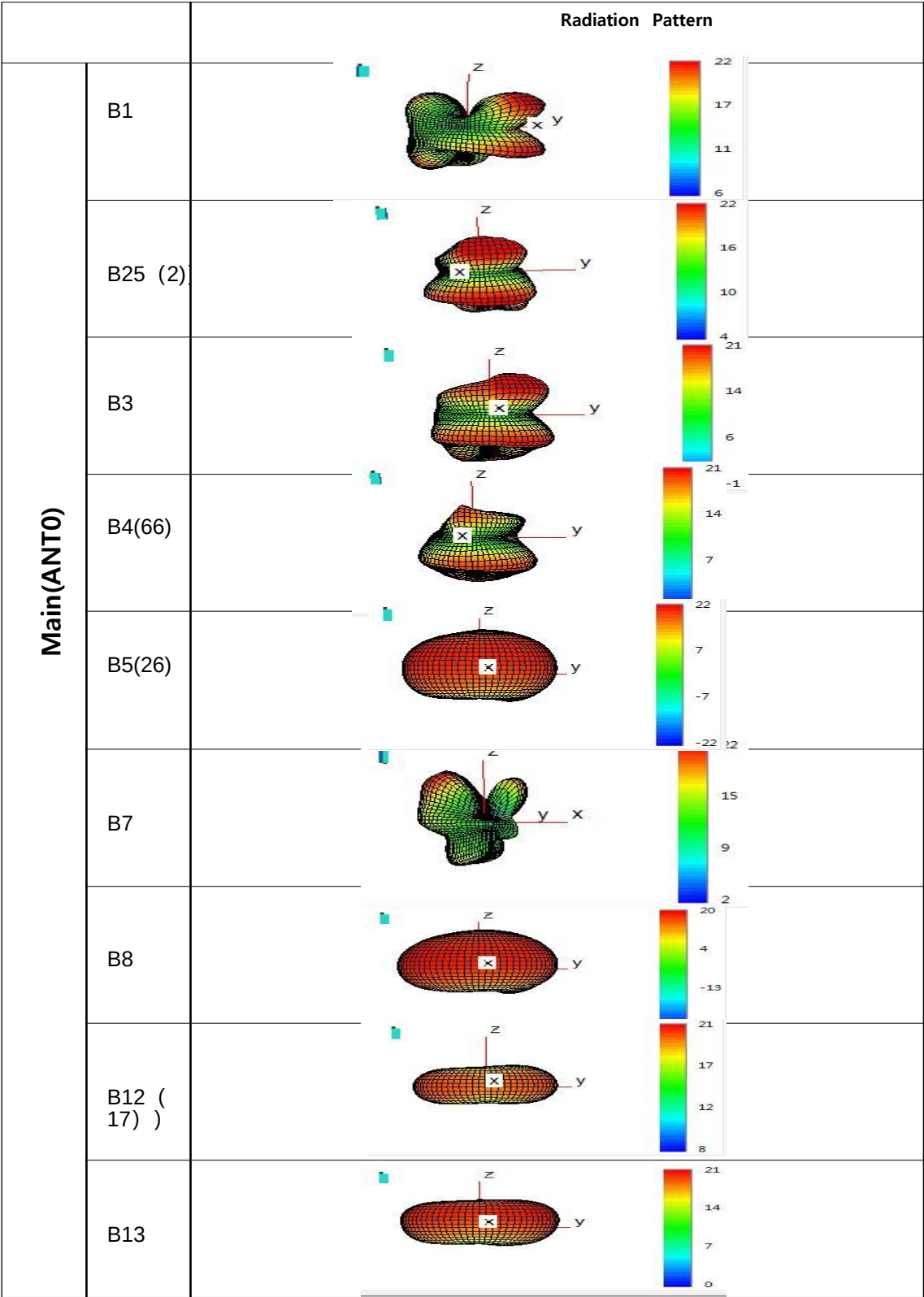
1.2.1 Antenna type

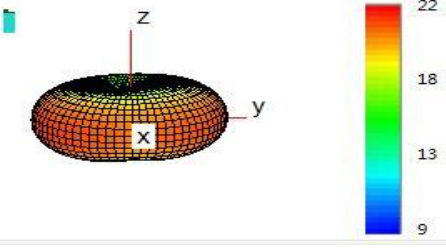
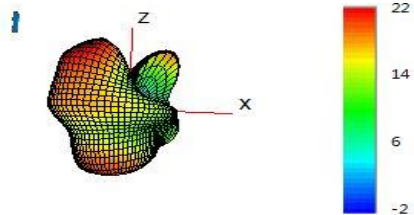
Internal antenna

1.2.2 Gain

BAND	Freq[MHZ]	Avg Gain[dbi]	PEAK Gain[dbi]	TX ANT
B1	1920-2170	-5	-2.5	ANTO
B25(2)	1850-1995	-5.3	-1.5	ANTO
B3	1710-1880	-5.4	-2.3	ANTO
B66(4)	1710-2180	-5.3	-2.3	ANTO
B26(5)	814-894	-7.4	-3.5	ANTO
B7	2500-2690	-5	-3.8	ANTO
B8	880-960	-7.6	-2.9	ANTO
B12(17)	699-746	-7.1	-3.7	ANTO
B13	746-787	-7.2	-3.3	ANTO
B28	703-803	-7.6	-3.7	ANTO
B41(38)	2500-2690	-5.8	-1.2	ANTO

1.2.3 Radiation Pattern



	B28		
	B41 (38)		

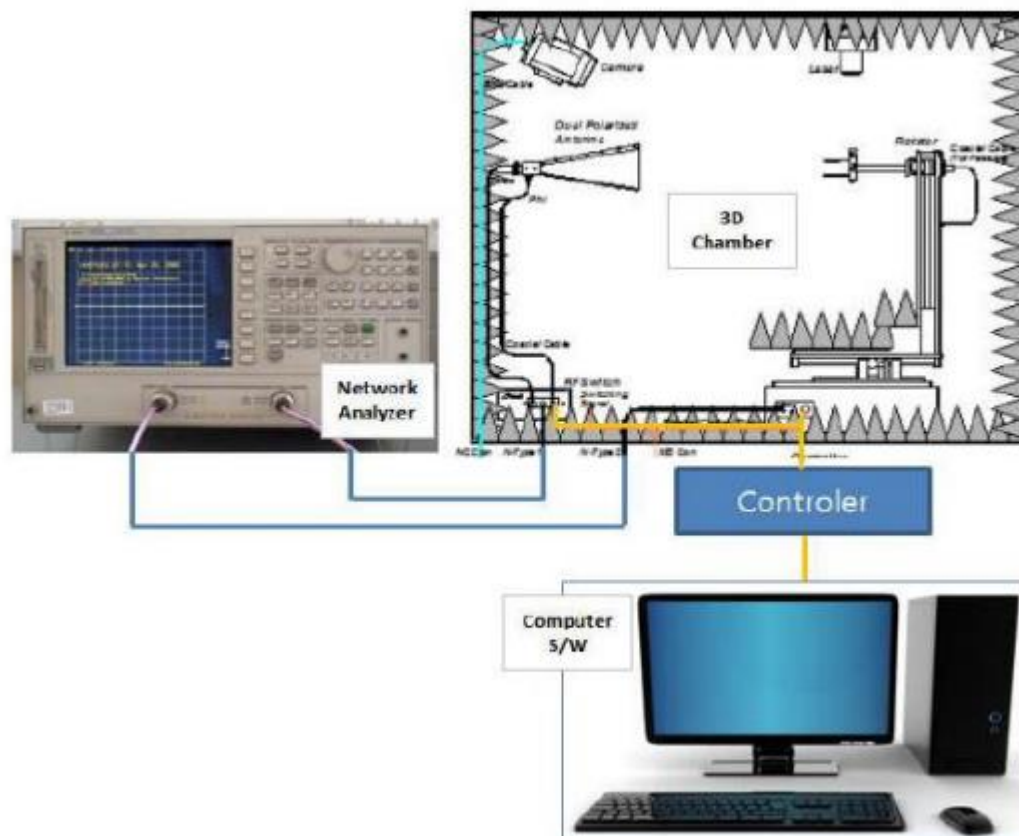
2 Test Condition

2.1 Test Environment (Condition/Method Radiation & Gain

Step 1. Calibrate the Chamber system using Horn antenna, and set up the software to control the Chamber system at the same time.

Step 2. Keep the measuring antenna to holder.

Step 3. Measure Gain & efficiency.

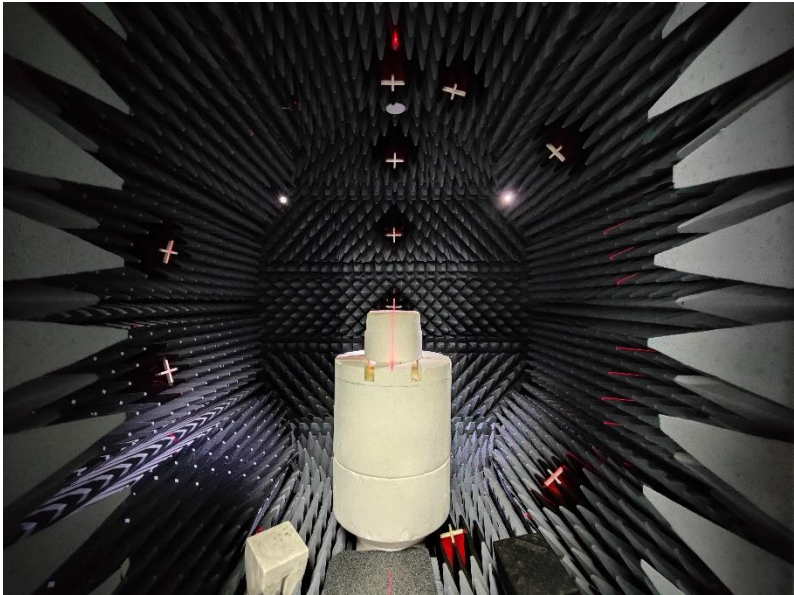
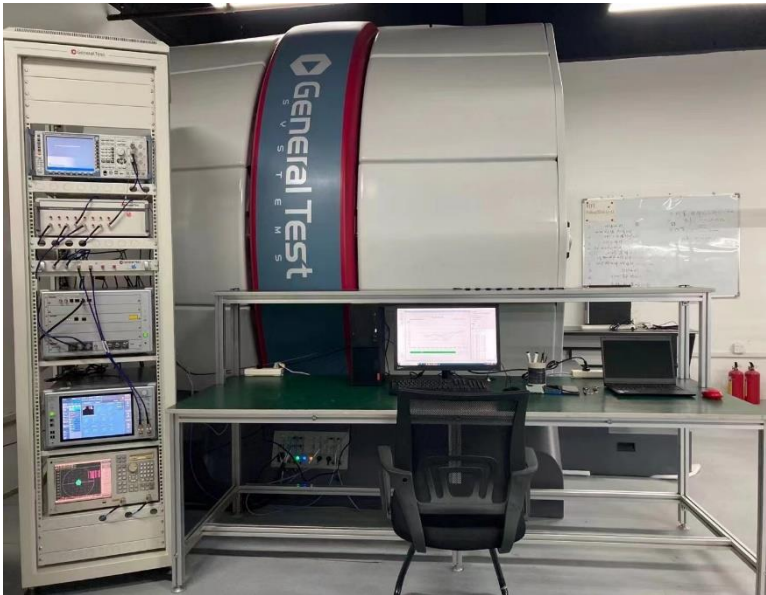


3 Antenna description

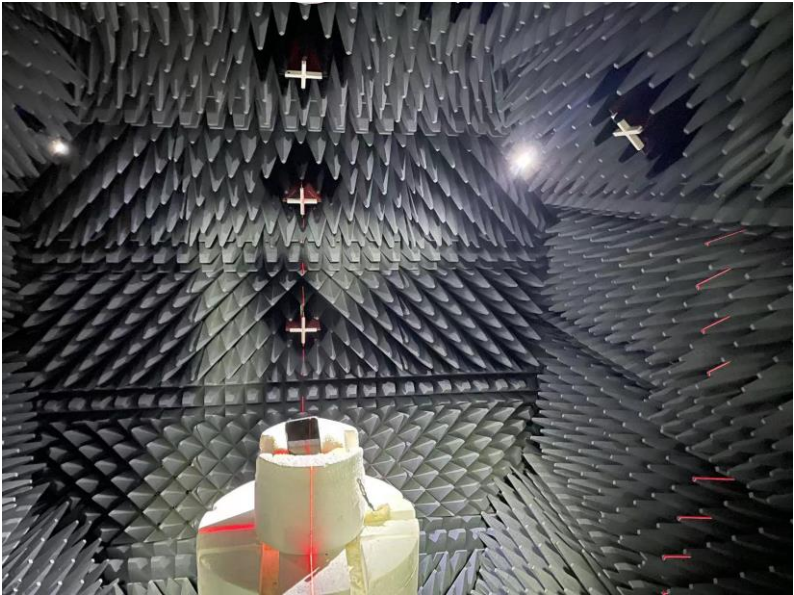
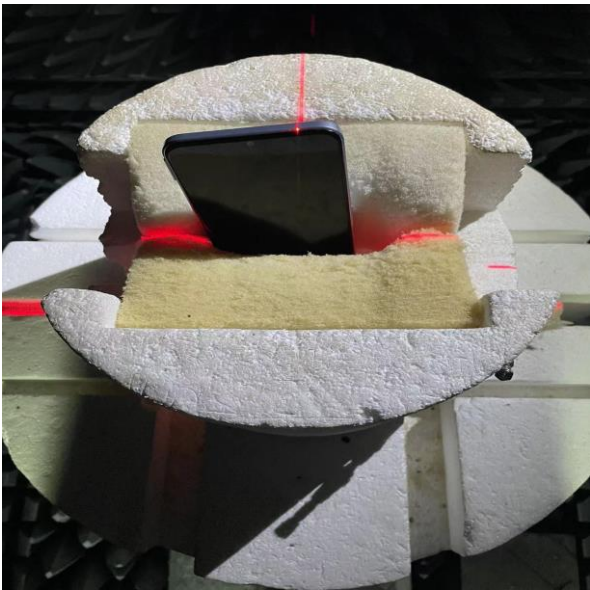
Type : Internal Antenna

4 List of Measuring Equipment

Multi-Probe OTA Measurement System



DUT setup photo of free space OTA testing



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Equipment	GTS2800

Model Name	K50	Coosea Group Co.,Ltd.	Fu Bang	Part Number	ALDMARG
Revision	1.0			Revision date	2024-05-24

5.2.Product Specification

5.2.1 Size and shape_Pattern

