

Antenna

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1.1 Wifi Antenna

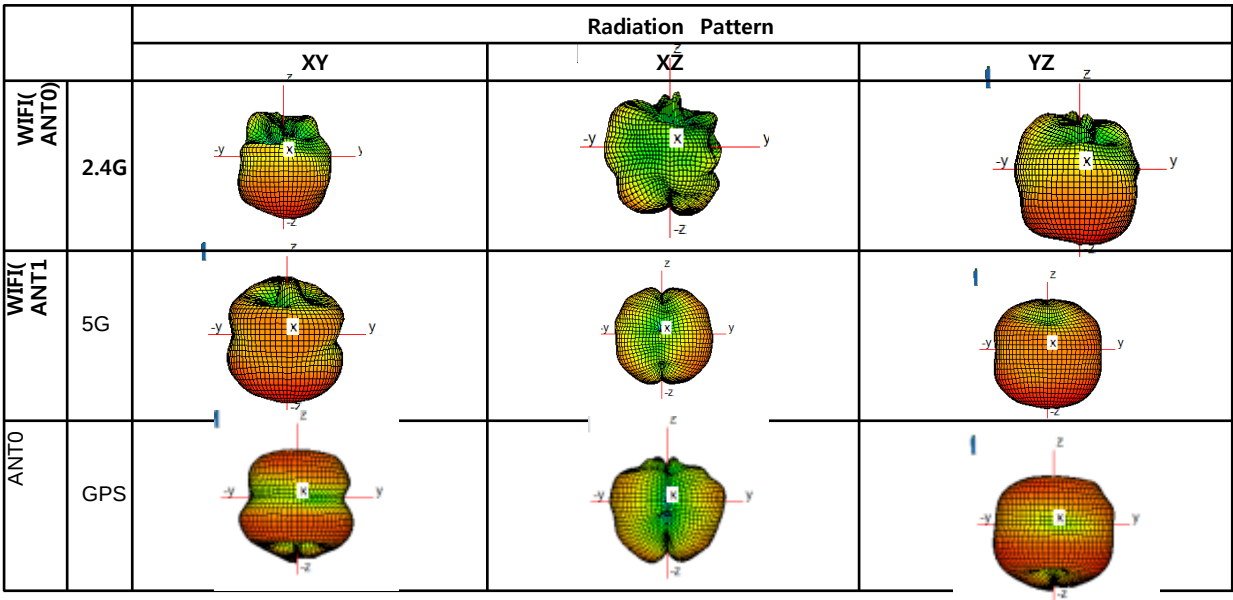
1.1.1 Antenna type

Internal antenna

1.1.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
WIFI2. 4G/BT	2402-2480	-3.66	-0.1	ANT3
WIFI5G	5150-5850	-4.02	-0.15	ANT3
GPS	1575	-4.68	-0.5	ANT3

1.1.3 Radiation Pattern



1.2 Cellular Antenna

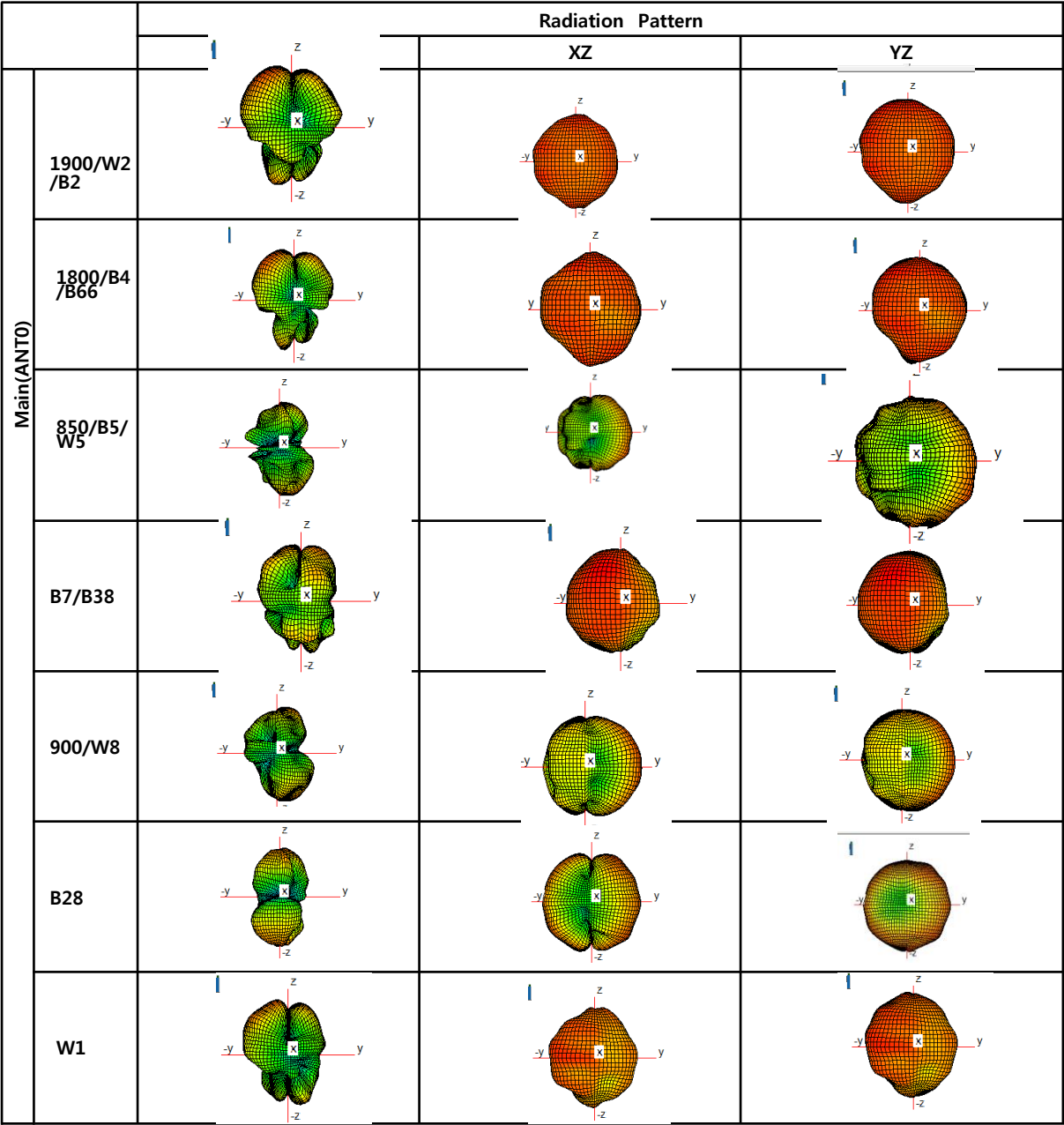
1.2.1 Antenna type

Internal antenna

1.2.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
W1	1920-2170	-4.32	-1.29	ANT1
1900/W2/B2	1850-1995	-4.19	-1.28	ANT1
1800	1710-1880	-4.57	-1.44	ANT1
B4/66	1710-2180	-4.57	-1.44	ANT1
850/W5/B5	824-894	-3.98	-2.43	ANT1
B7/B38	2500-2690	-2.13	-0.52	ANT1
900/W8	880-960	-3.66	-2.52	ANT1
B28	703-803	-5.52	-2.79	ANT1

1.2.3 Radiation Pattern



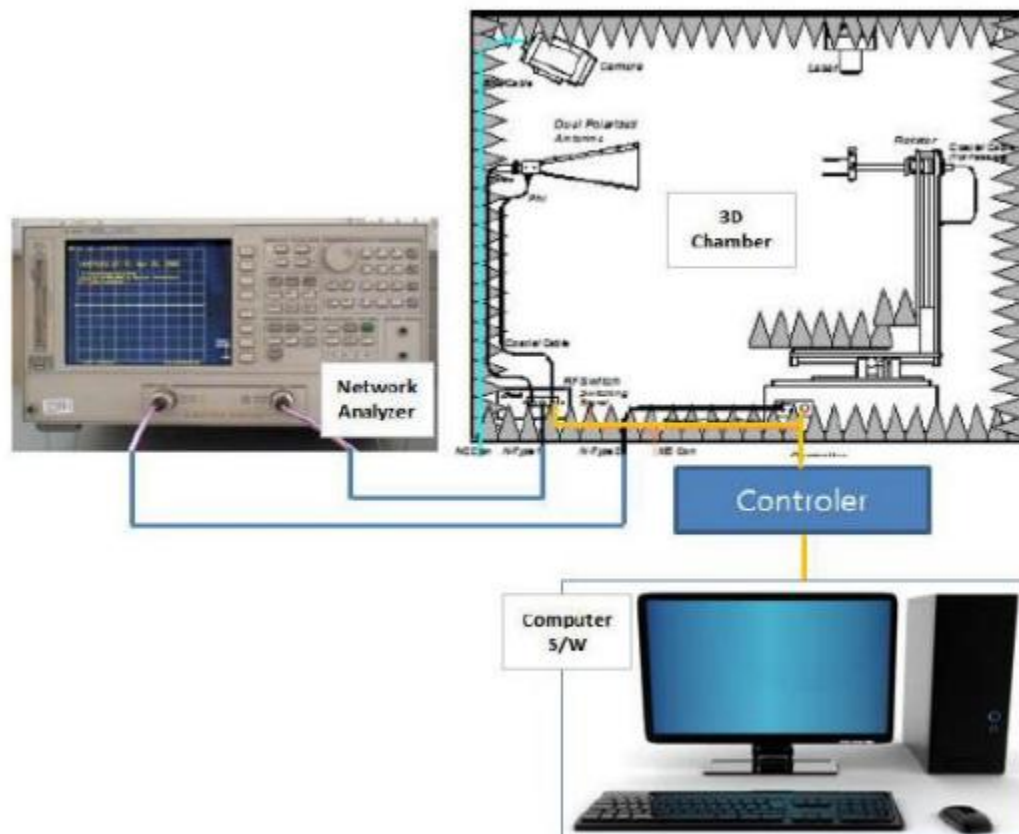
2 Test Condition

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.

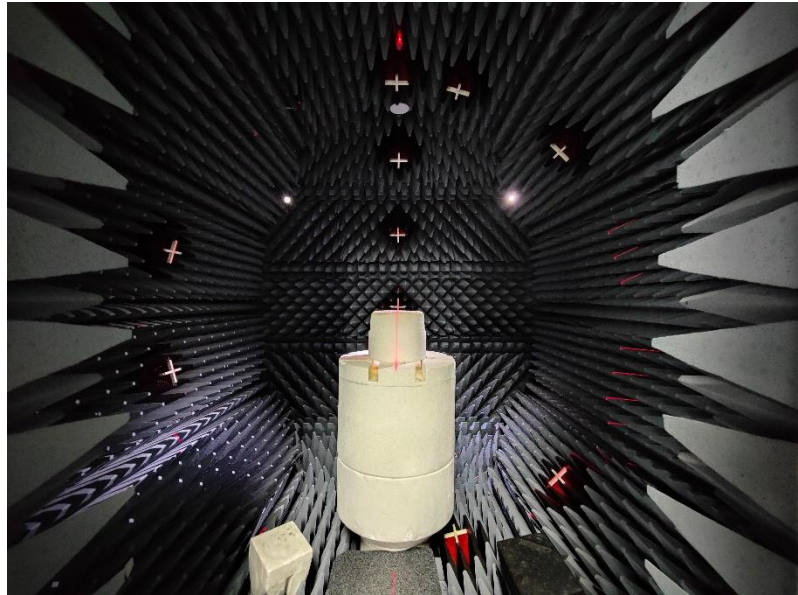
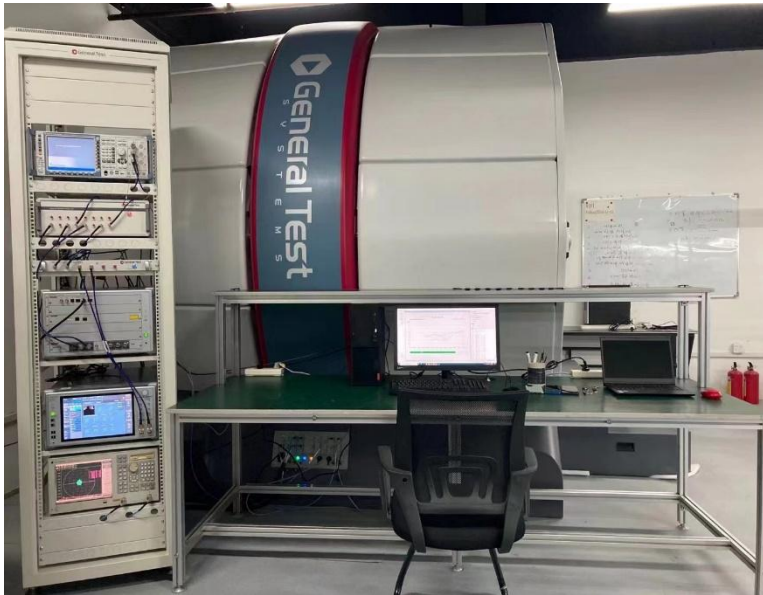


3 Antenna description

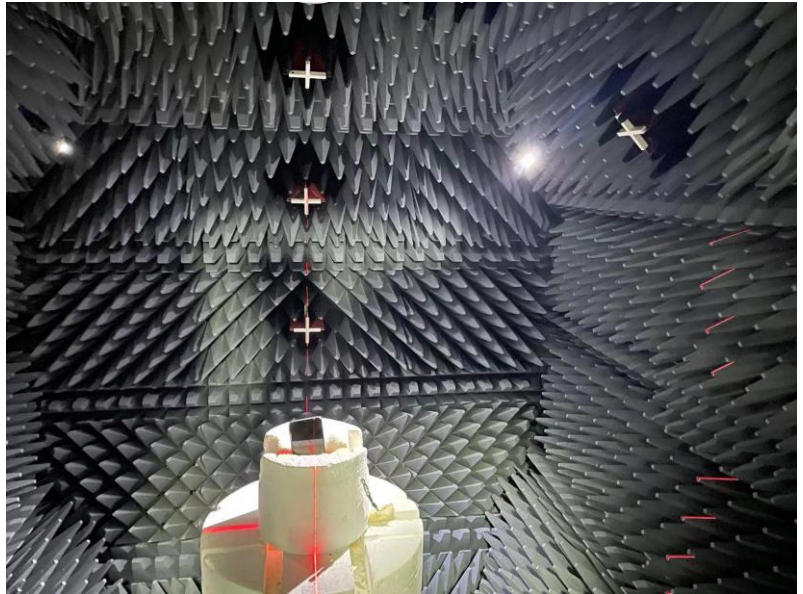
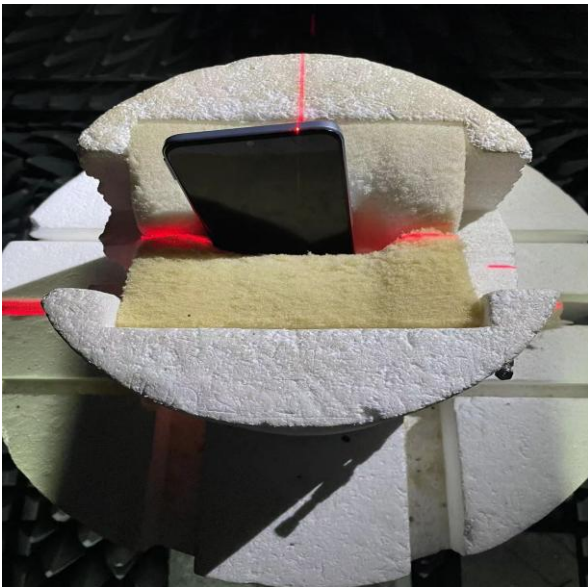
Type : Internal Antenna

4 List of Measuring Equipment

Multi-Probe OTA Measurement System



DUT setup photo of free space OTA testing



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5.2.Product Specification

5.2.1 Size and shape_Pattern

