

X10 Antenna Specifications

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1.1 Wifi Antenna

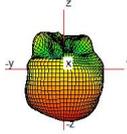
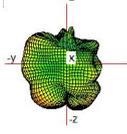
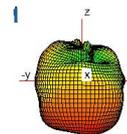
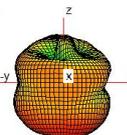
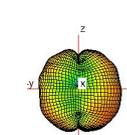
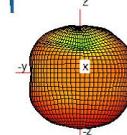
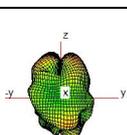
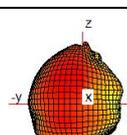
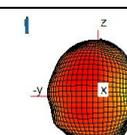
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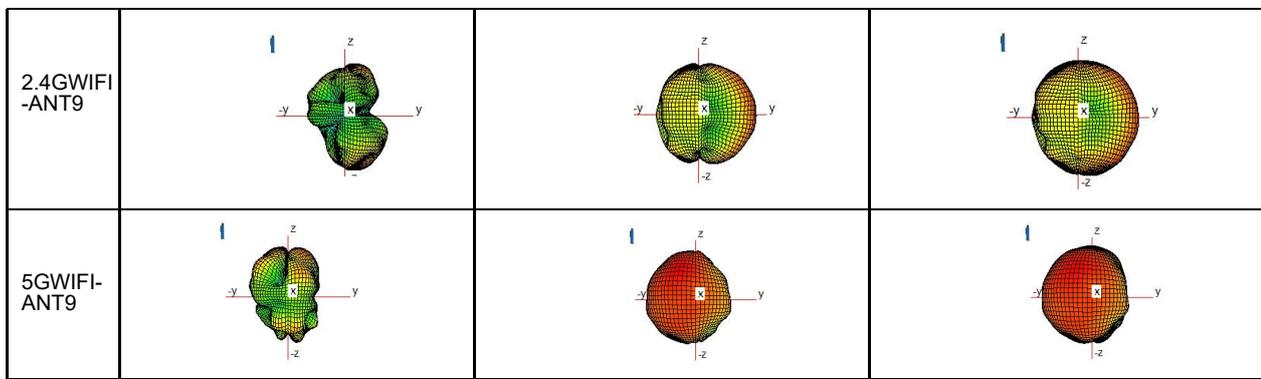
Internal antenna

1.1.2 Gain

天线	频段	GAIN
ANT5	GPS L5	-7.2
ANT6	GPS L1	-4.3
ANT6	WIFI 5G-CH0	-2.1
ANT8	2.4G WIFI -CH0	-1.3
ANT9	2.4G WIFI-CH1	-2.7
ANT9	5G WIFI-CH1	-0.3

1.1.3 Radiation Pattern

		Radiation Pattern		
		XY	XZ	YZ
WIFI	2.4G-ANT8			
	GPS			
	5G-ANT6			



1.2.1 Antenna type

1.2 Cellular Antenna

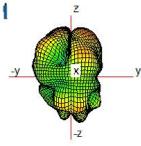
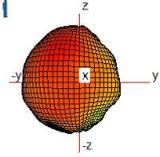
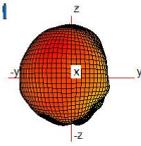
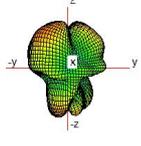
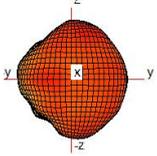
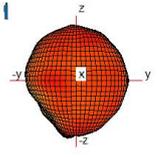
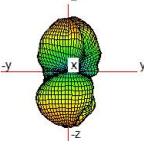
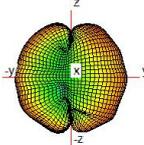
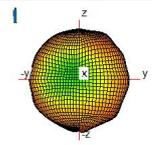
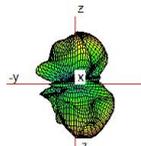
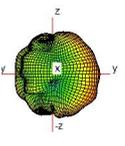
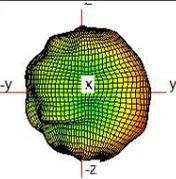
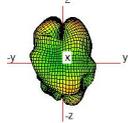
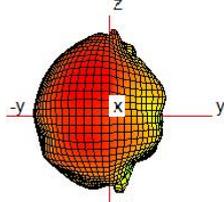
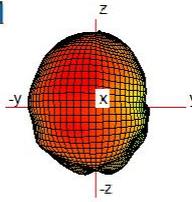
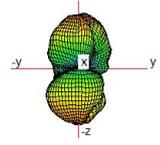
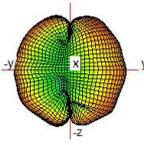
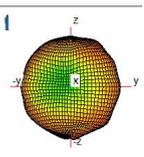
Internal antenna

1.2.2 Gain

天线	频段	增益
ant4	W1/B1/N1	-1.3
	B2/GSM1900/N2	-1.8
	B3/GSM1800/N3	-2.8
	B4/W4	-2.9
	B25/N25	-1.6
	B66/N66	-2.9
	B38/N41/B41/N41	-0.9
ant0	B5/W5/N5/GSM850	-4.8
	B71/N71	-5
	B12	-4.6
	W8/B8/GSM900	-4.4
	B13	-5.8
	B17	-4.7
	B26/N26	-4.3
ant7	N77/B42/B48/N48	-0.6

1.2.3 Radiation Pattern

		Radiation Pattern		
		XY	XZ	YZ
Main(A)	W1/B1/N1			
	GSM1900/W2/B2/N2			
	GSM1800/B3/N3			
	W4/B4(66)/N66			
	GSM850/W5/B5/N5			
	B7/B41/B38/N7/N41/N38			
	GSM900/W8/B8/N8			
	B12 (17)			
	B13			
	B20			

<p>B25/N25</p>			
<p>B25/N26</p>			
<p>B28/N28</p>			
<p>B40/N40</p>			
<p>N77/B42 /B48</p>			
<p>B71/N71</p>			

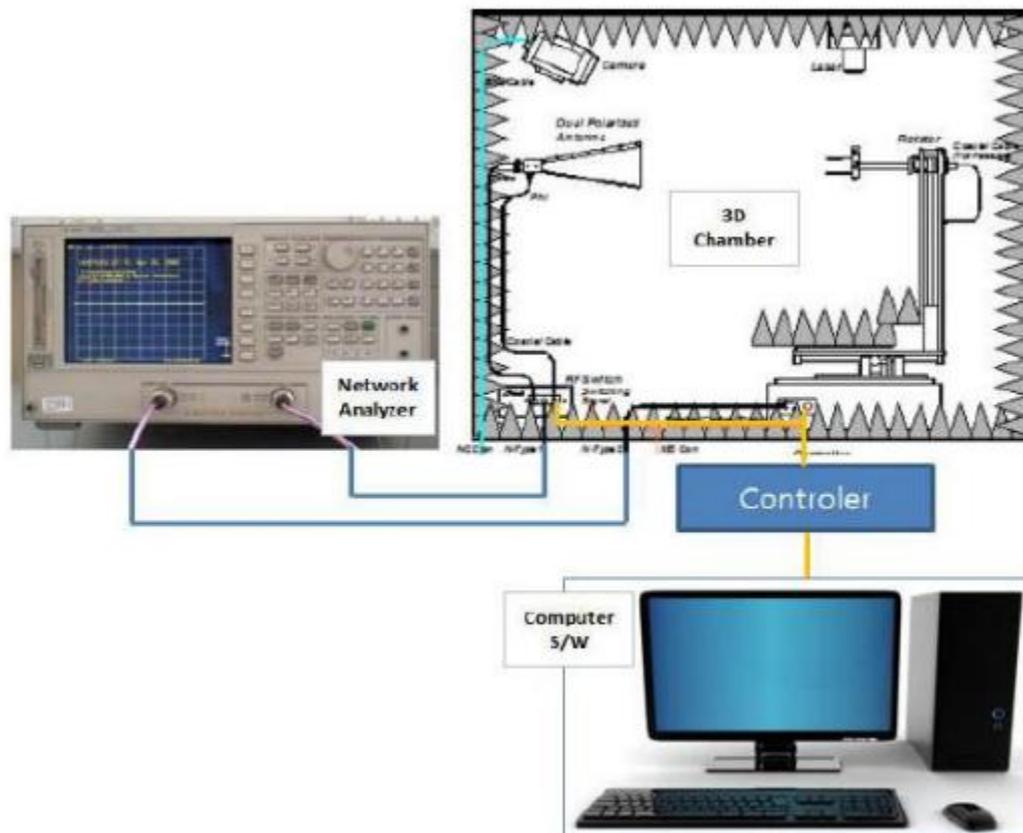
2 Test Condition

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.

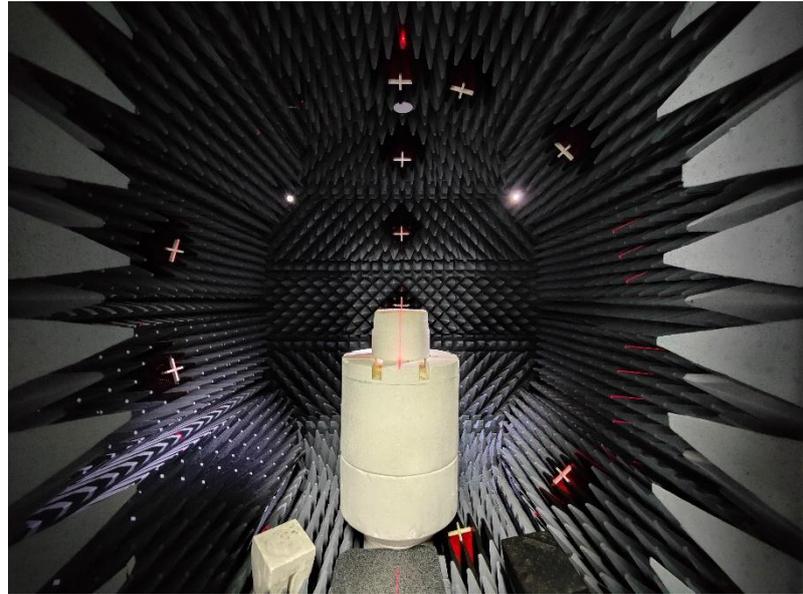
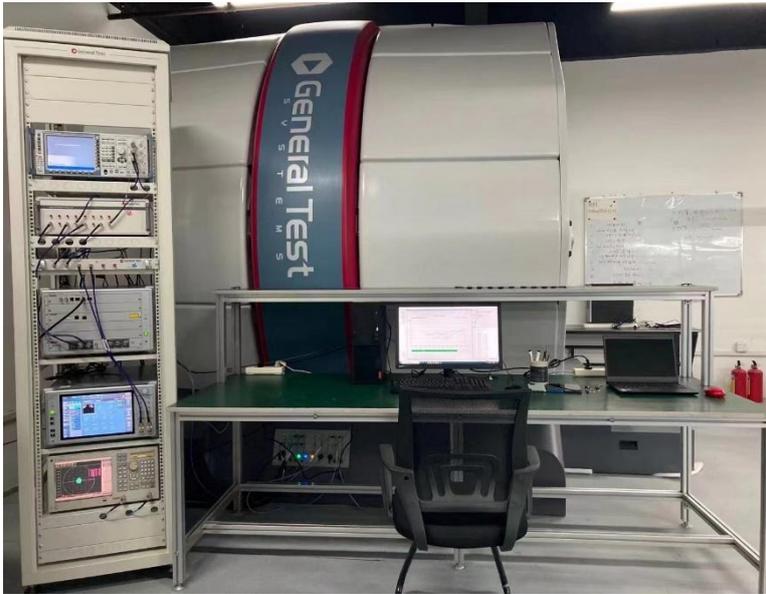


3 Antenna description

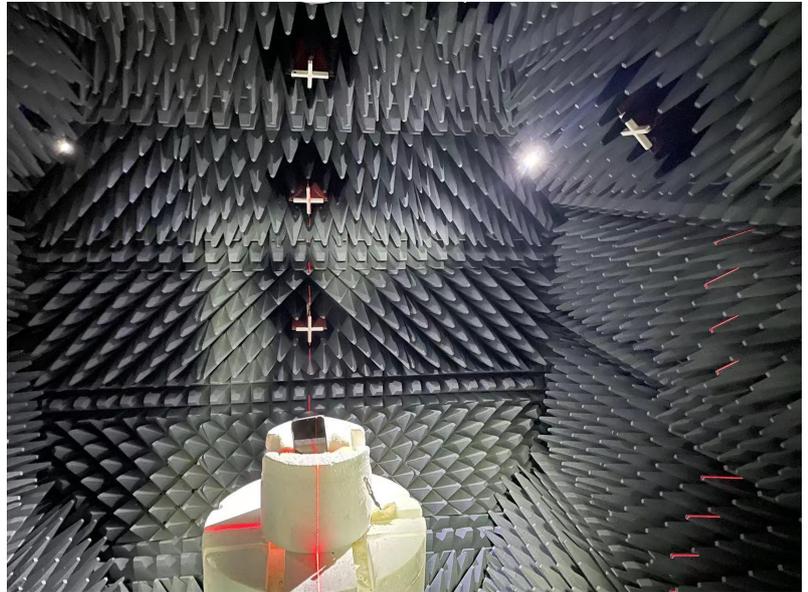
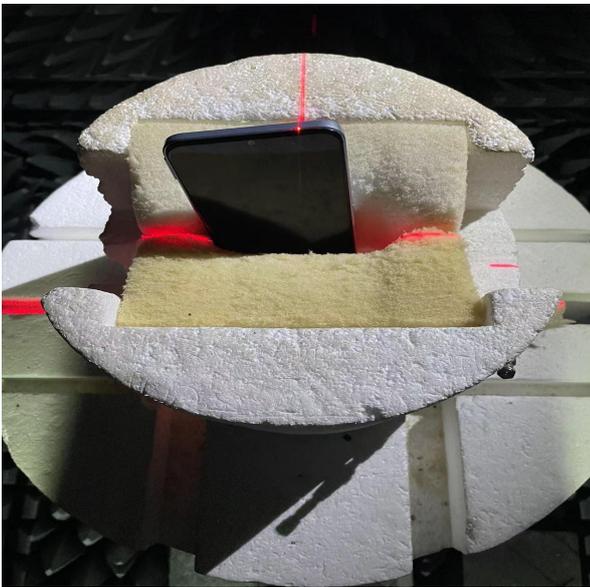
Type : Internal Antenna

4 List of Measuring Equipment

Multi-Probe OTA Measurement System



DUT setup photo of free space OTA testing



5 Manufacturer

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Equipment	GTS2800

5.2.Product Specification

5.2.1 Size and shape_Pattern

