

C29 Antenna

Specifications

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1.1 Wifi Antenna

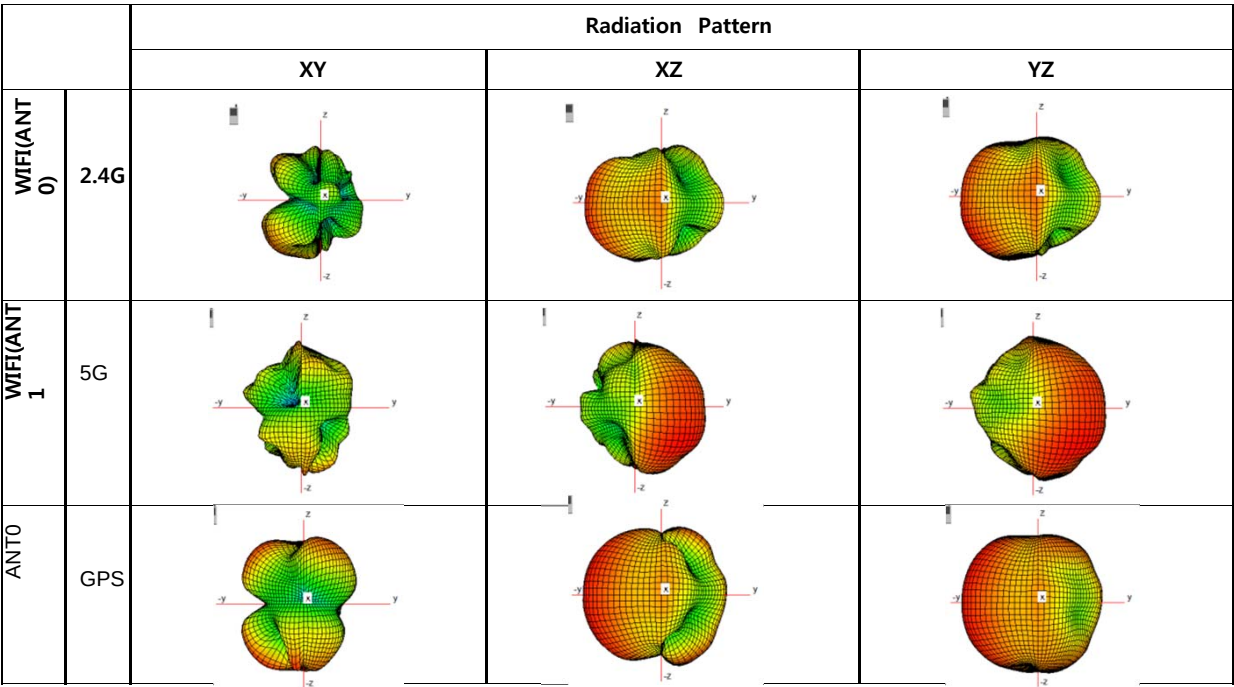
1.1.1 Antenna type

Internal antenna

1.1.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
WIFI2. 4G/BT	2402-2480	-2. 55	0. 8	ANT3
WIFI5G	5150-5850	-3. 08	0. 5	ANT3
GPS	1575	-4. 12	-1. 2	ANT3

1.1.3 Radiation Pattern



1.2 Cellular Antenna

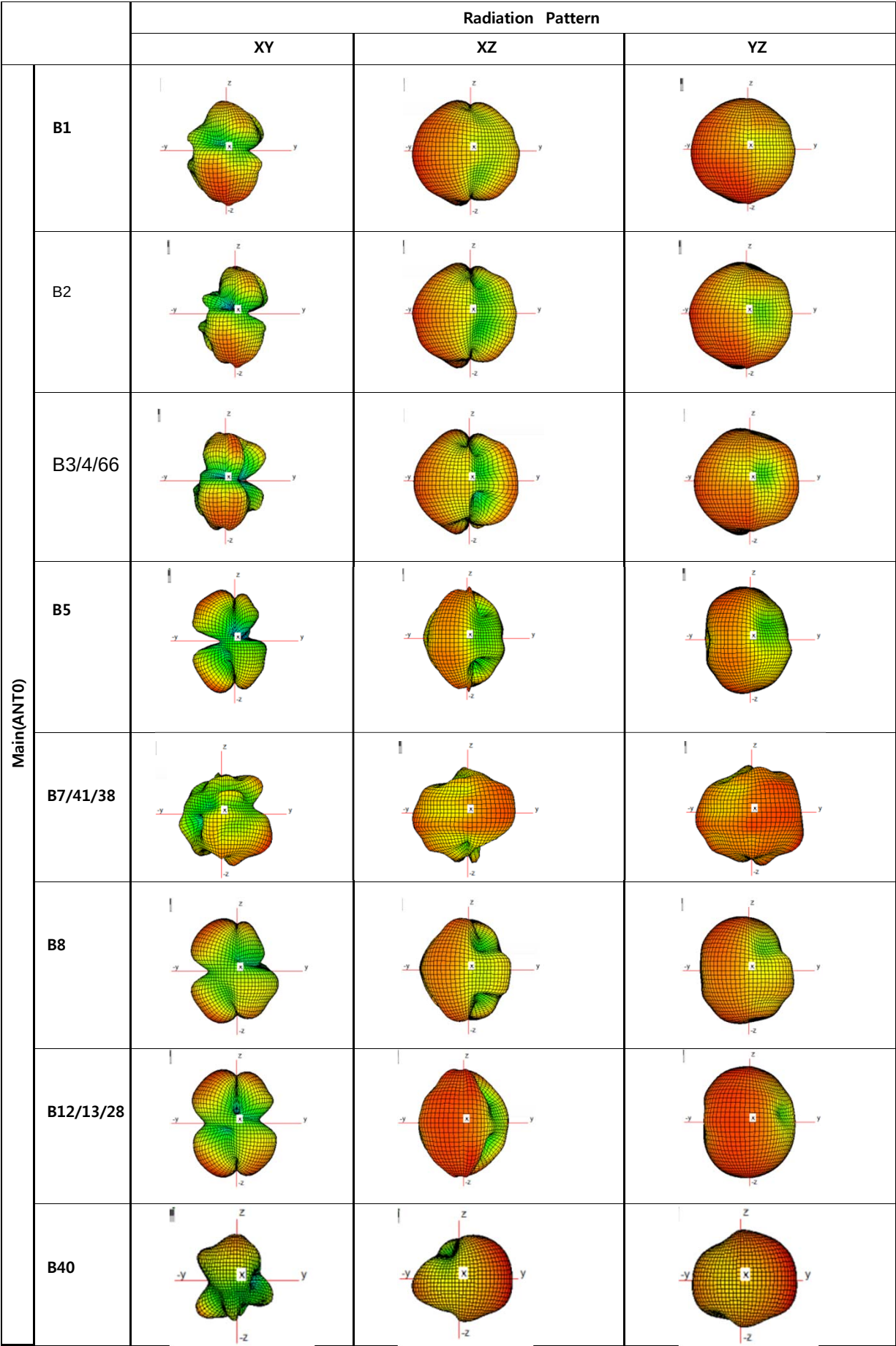
1.2.1 Antenna type

Internal antenna

1.2.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
B1	1920-2170	-3.12	-0.6	ANT1
B2	1850-1995	-2.76	0.61	ANT1
B3	1710-1880	-3.07	-0.3	ANT1
B4/66	1710-2180	-3.07	-0.3	ANT1
B5	824-894	-6.68	-3.99	ANT1
B7/38/41	2500-2690	-4.22	-1.63	ANT1
B8	880-960	-7.53	-4.97	ANT1
B12	699-746	-7.86	-5.3	ANT1
B13	746-787	-7.86	-5.3	ANT1
B28	703-803	-7.86	-5.3	ANT1
B40	2300-2400	-3.43	-0.76	ANT1

1.2.3 Radiation Pattern



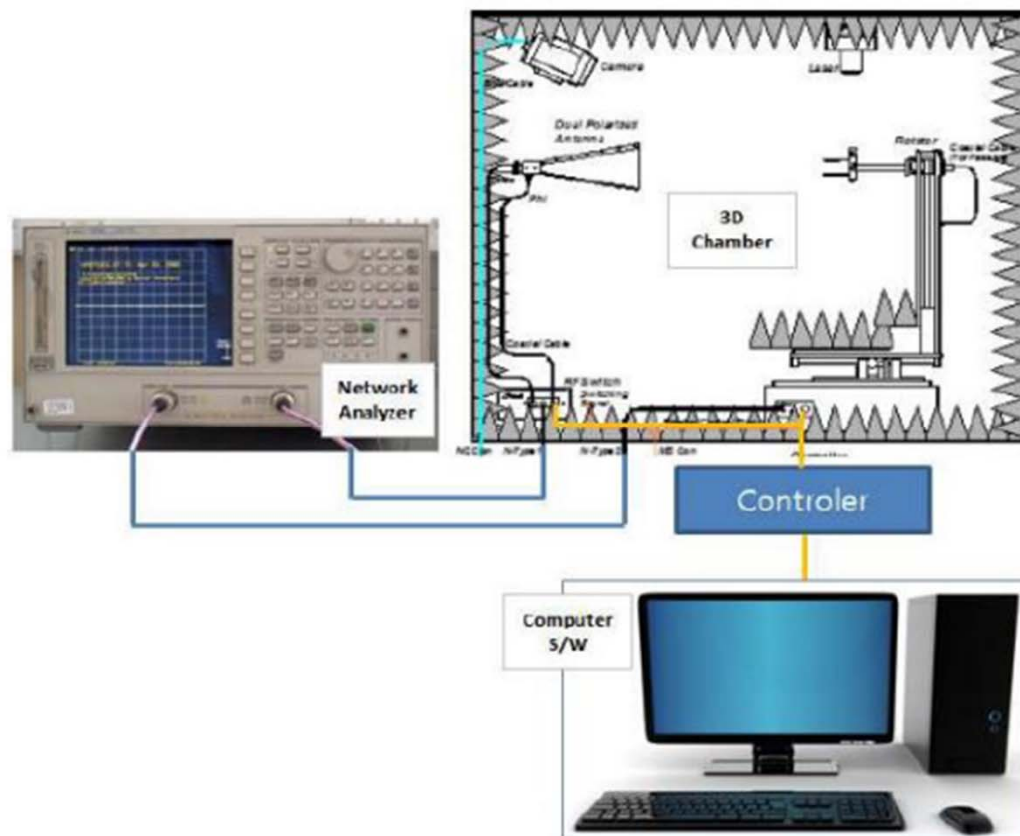
2 Test Condition

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.

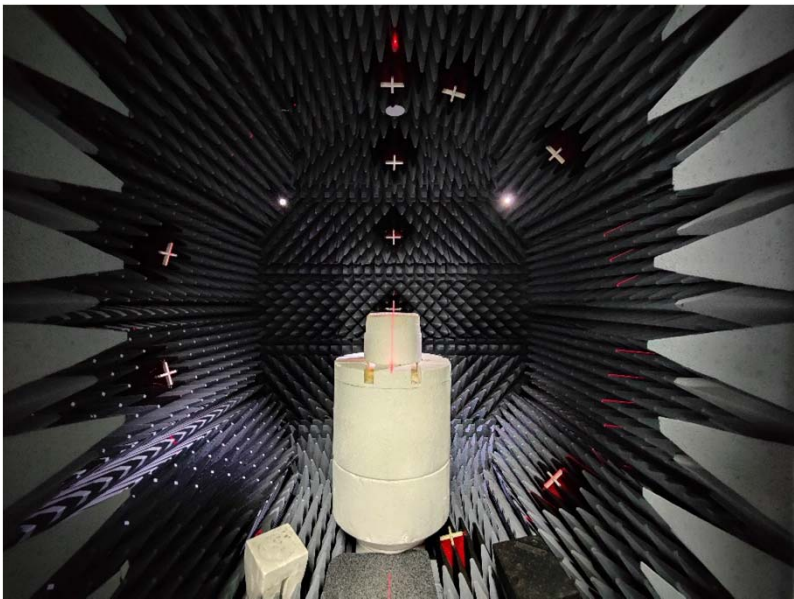
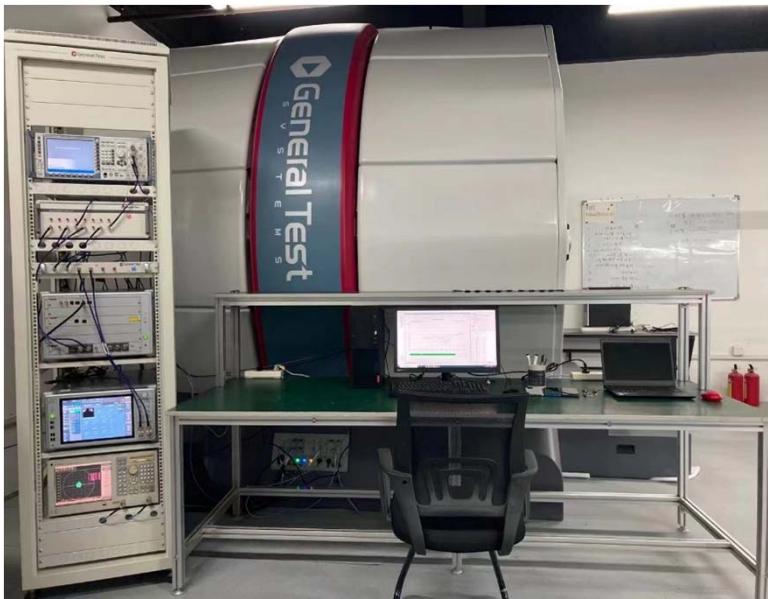


3 Antenna description

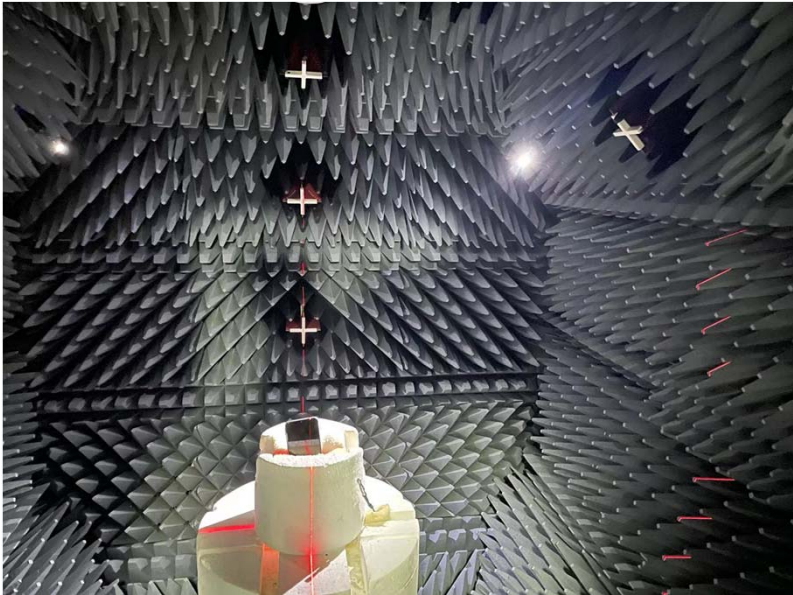
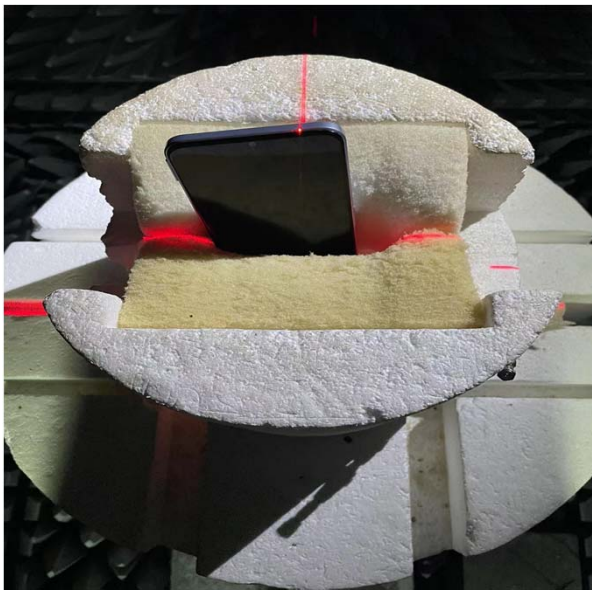
Type : Internal Antenna

4 List of Measuring Equipment

Multi-Probe OTA Measurement System



DUT setup photo of free space OTA testing

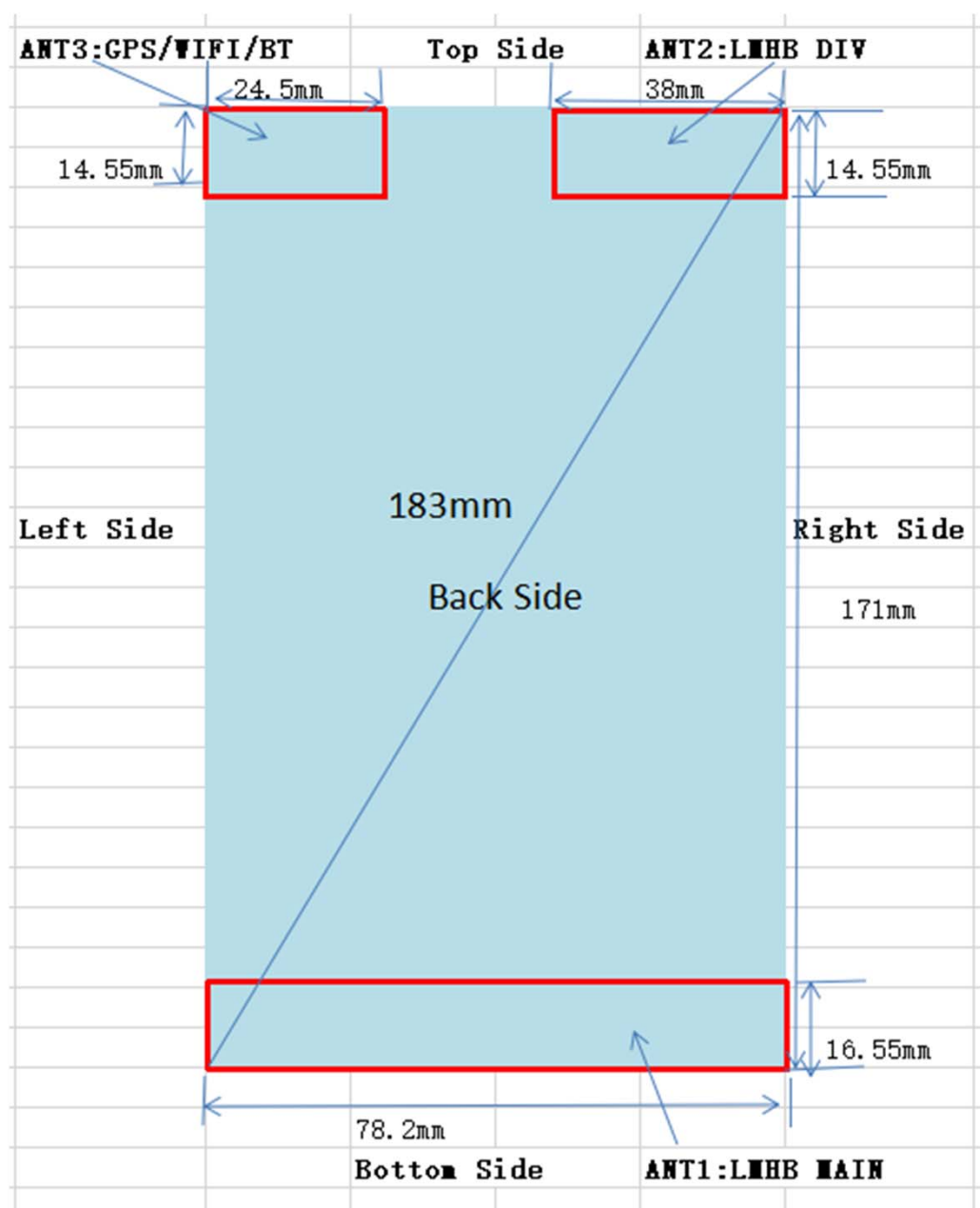


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Equipment	GTS2800

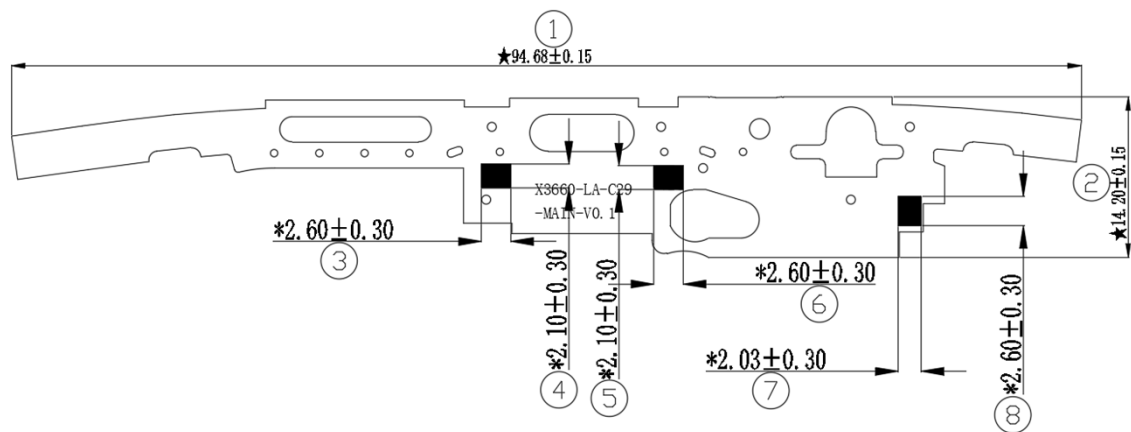
5.2.Product Specification

5.2.1 Size and shape_Pattern

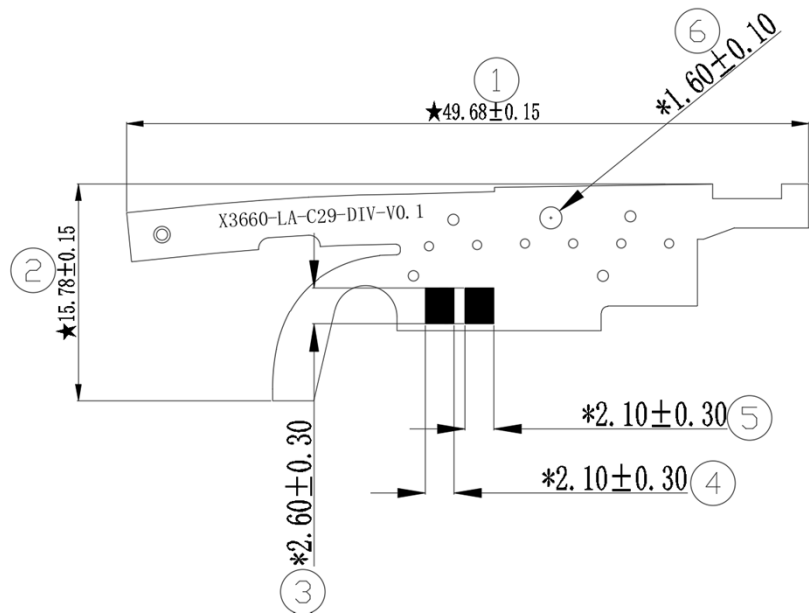


6.Antenna Dimensions

MAIN



DIV



BT/WIFI

