

E34Antenna

Specifications

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1.1 Wifi Antenna

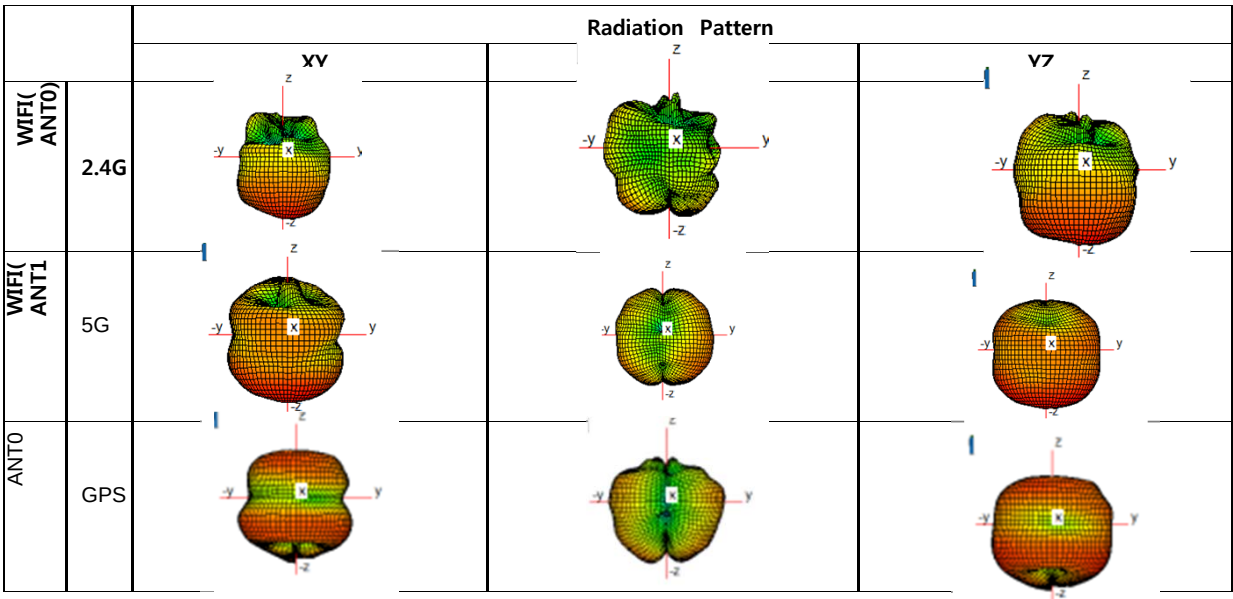
1.1.1 Antenna type

Internal antenna

1.1.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
WIFI2. 4G/BT	2402-2480	-2. 51	1. 89	ANT0
WIFI5G	5150-5850	-1. 96	3. 08	ANT1
GPS	1575	-4. 11	0. 35	ANT0

1.1.3 Radiation Pattern



1.2 Cellular Antenna

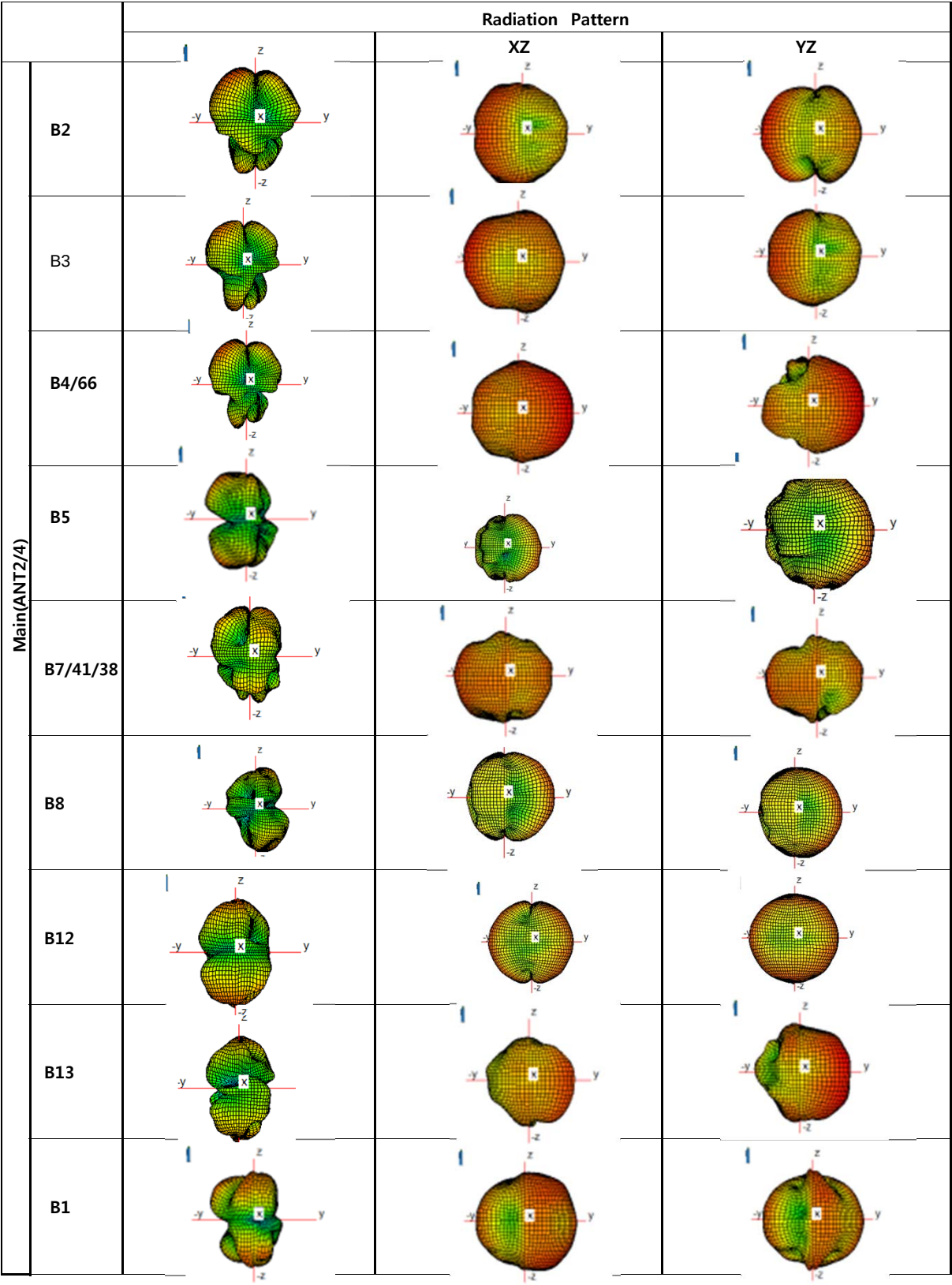
1.2.1 Antenna type

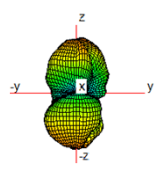
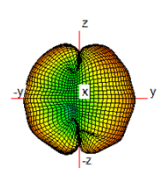
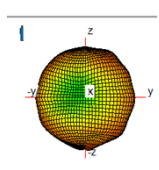
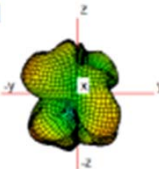
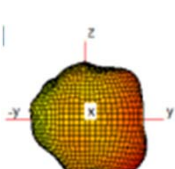
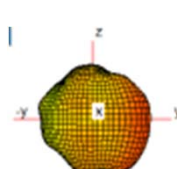
Internal antenna

1.2.2 Gain

BAND	Freq[MHZ]	Avg Gain (dbi)	PEAK Gain[dbi]	TX ANT
B1	1920-2170	-4.87	-1.79	ANT2
B2	1850-1995	-4.76	-1.82	ANT2
B3	1710-1880	-4.69	-1.58	ANT2
B4/66	1710-2180	-4.69	-1.58	ANT2
B5	824-894	-2.66	-0.68	ANT4
B7/38/41	2500-2690	-3.13	-0.47	ANT2
B8	880-960	-3.07	-0.75	ANT4
B12	699-746	-5.89	-3.15	ANT4
B13	746-787	-5.89	-3.15	ANT4
B28	703-803	-5.89	-3.15	ANT4
B40	2300-2400	-3.78	-0.67	ANT2

1.2.3 Radiation Pattern



B28			
B40			

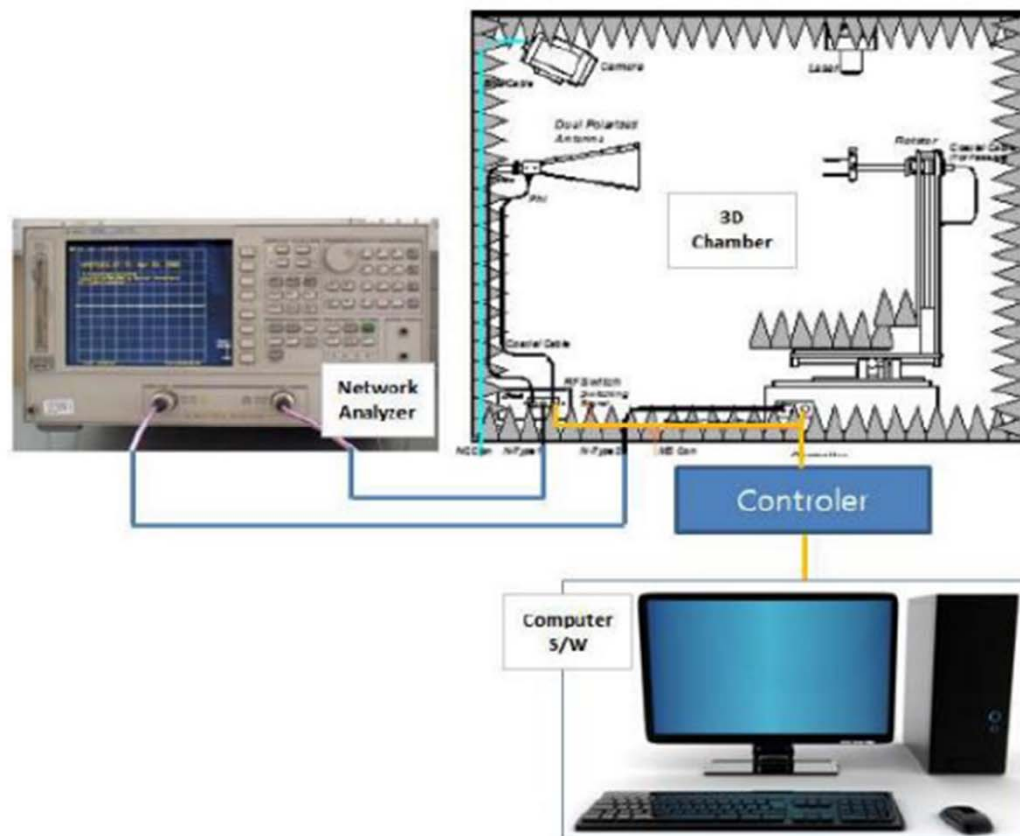
2 Test Condition

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.

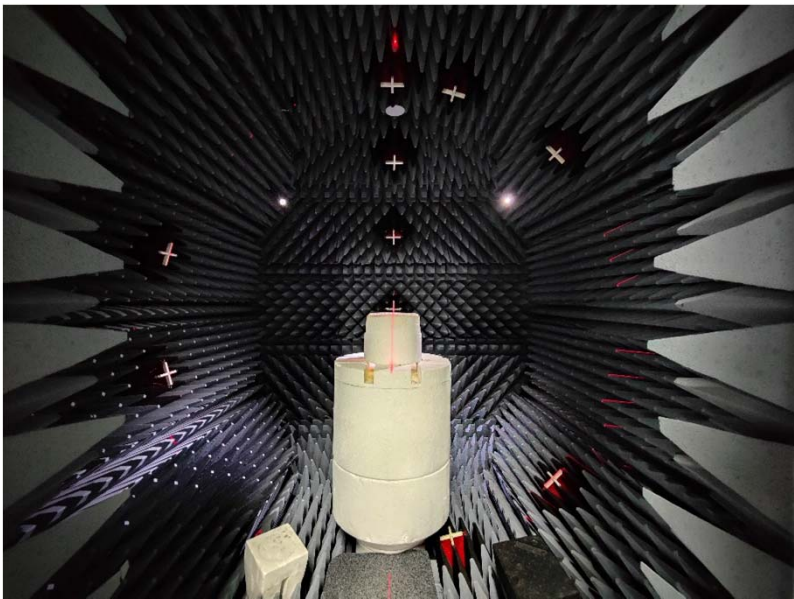
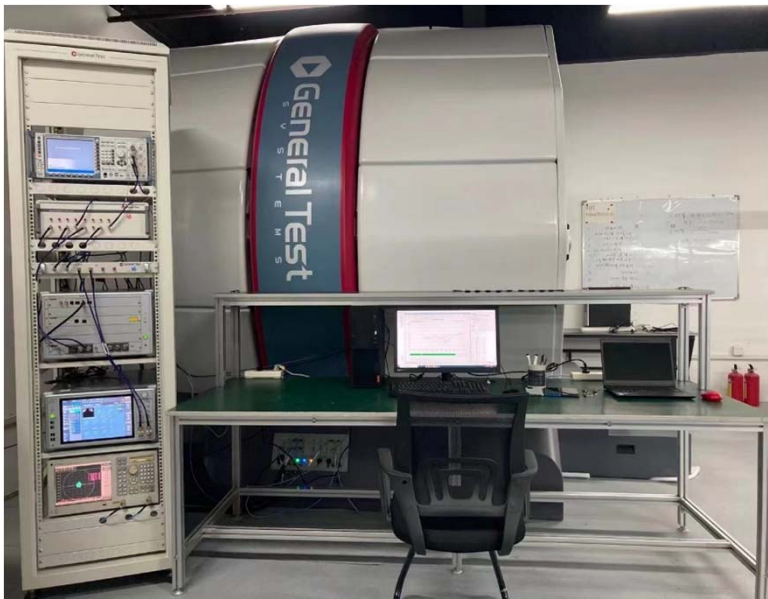


3 Antenna description

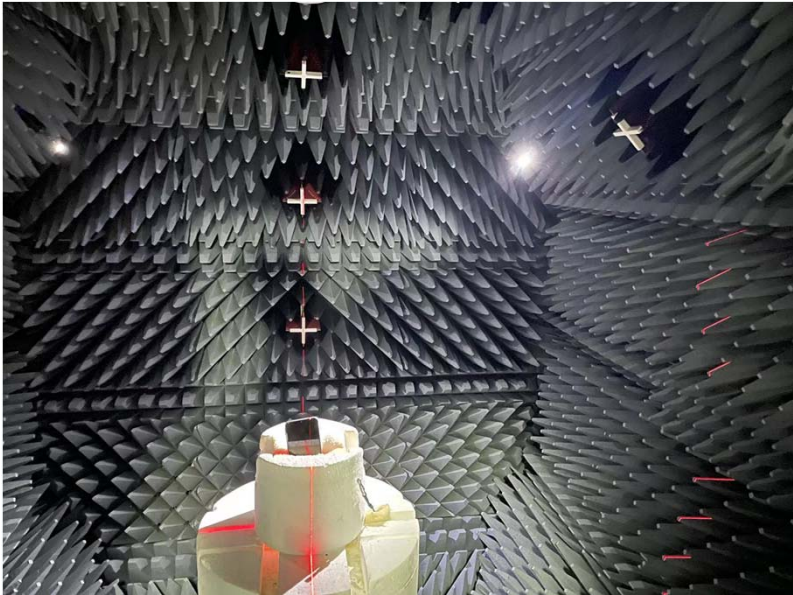
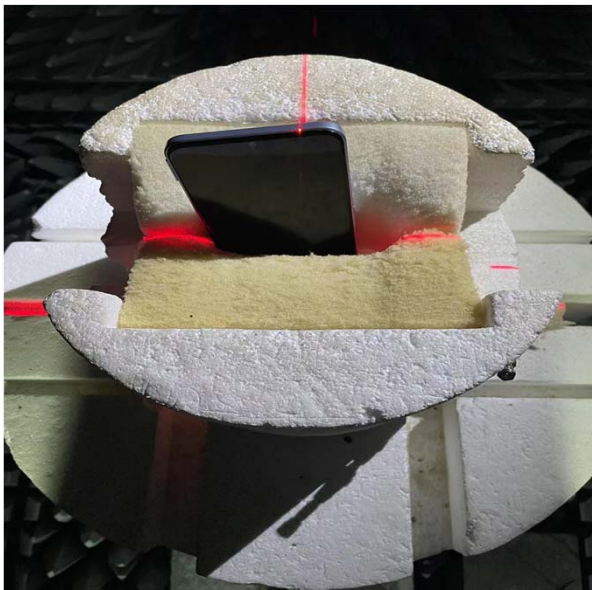
Type : Internal Antenna

4 List of Measuring Equipment

Multi-Probe OTA Measurement System



DUT setup photo of free space OTA testing

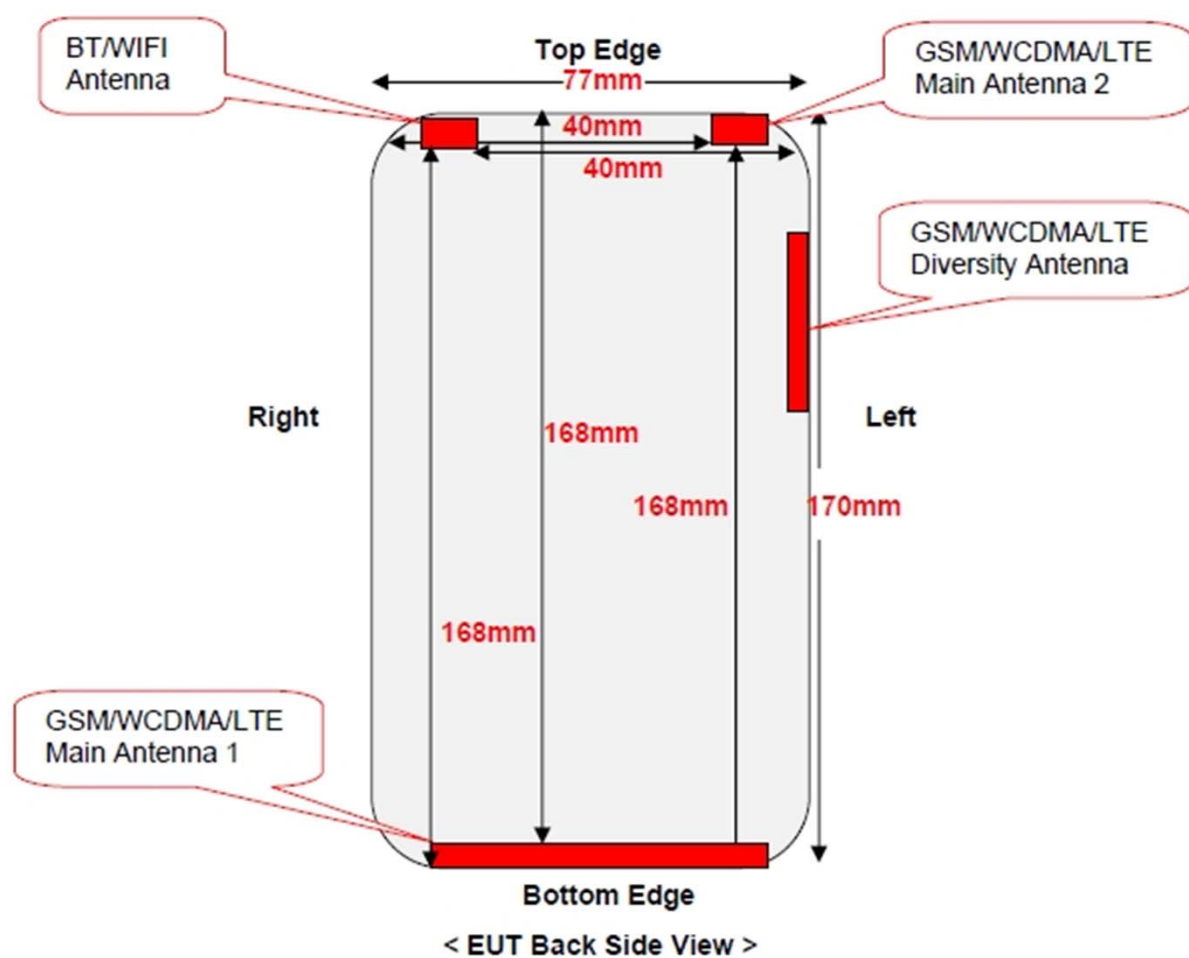


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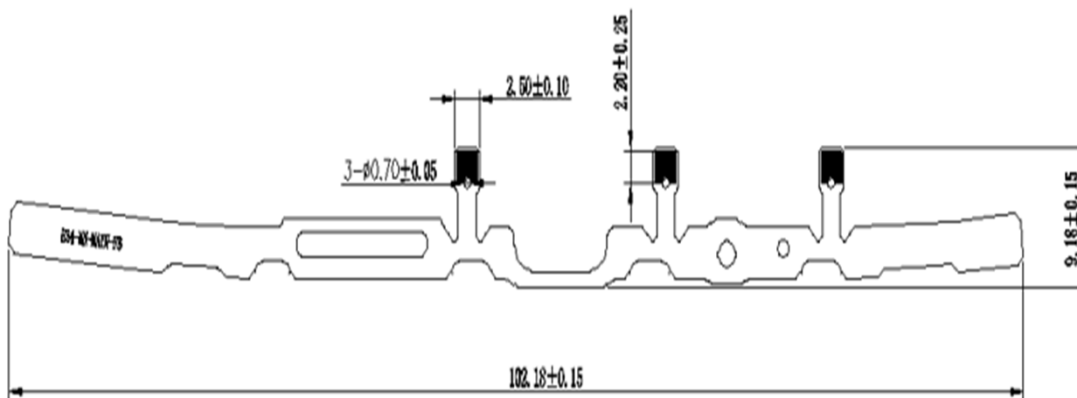
5.2.Product Specification

5.2.1 Size and shape_Pattern

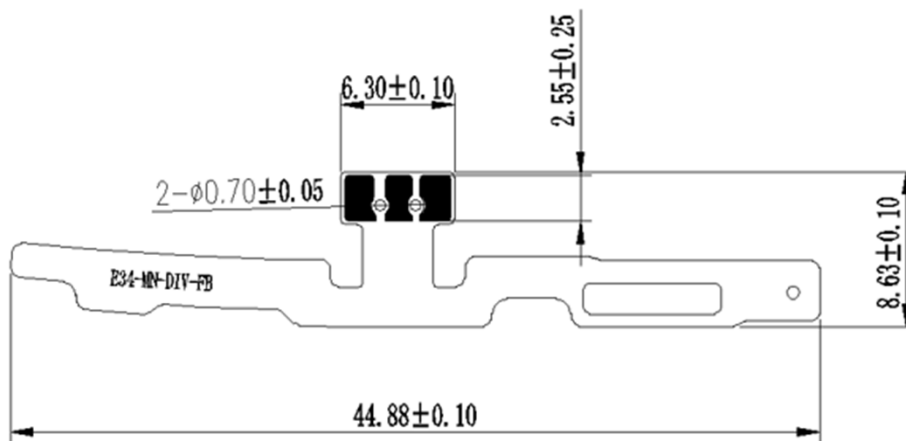


6. Antenna Dimensions

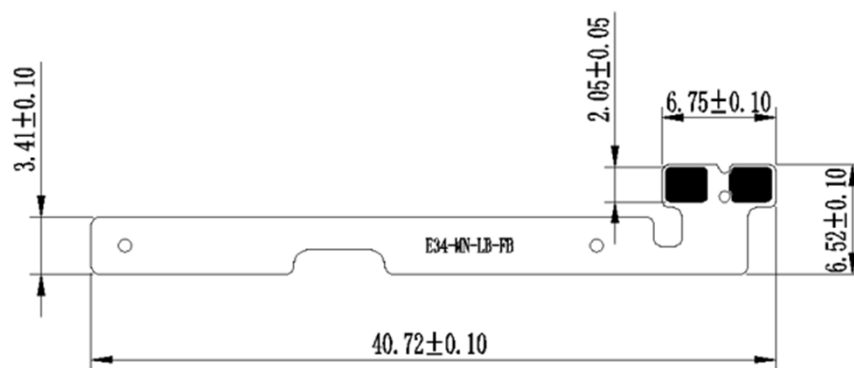
MAIN 1



MAIN 2



DIV



BT/WIFI

