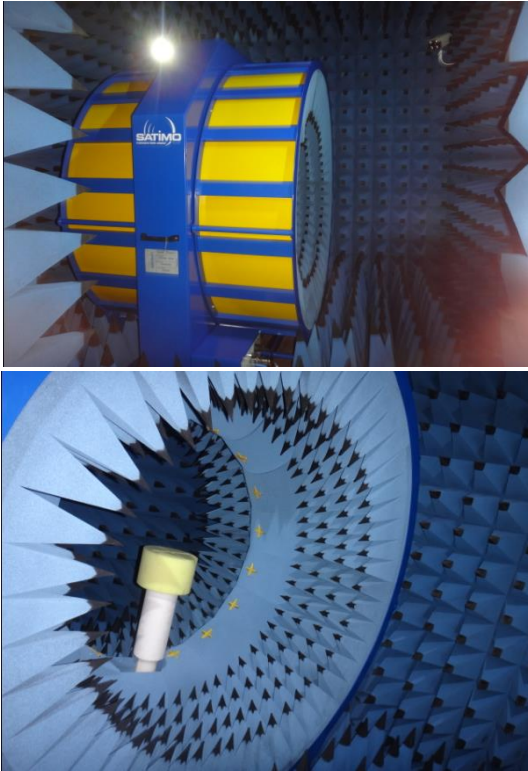


# Test Report

<b>Customer Name</b>	Are	<b>Project Name</b>	<b>TS004</b>
<b>Commissioning frequency band</b>	<b>WIFI:2.4G</b>	<b>Structure mode</b>	<b>steel plate</b>
<b>RF Engineer</b>	<b>XIANG YI</b>	<b>Structural Engineer</b>	Du Qiang
<b>Antenna Type</b>	<b>PIFA</b>	<b>Date</b>	<b>20248/28</b>



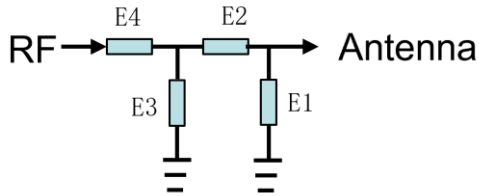
**The original imported French SATIMO StarLab 3D laboratory can accurately and quickly test the TRP, TIS, efficiency, gain, Apple diagram, directional diagram and other parameter data of communication terminal products such as mobile phones, tablet computers and notebooks.**

**Antenna report version summary**

<b>Version</b>	<b>Date</b>	<b>Content Overview</b>
<b>V1.0</b>	<b>2024/1/20</b>	Sample test report
<b>V2.0</b>	<b>2024/8/28</b>	Antenna certification test report

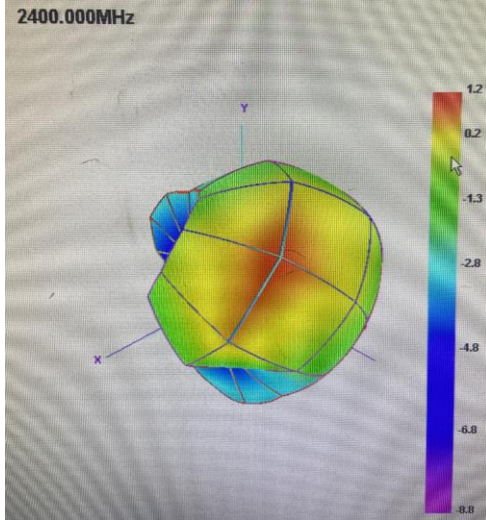
**WiFi** antenna matching circuit ----- unchanged

Element	E1	E2	E3	E4
Value	NC	6.8NH	NC	0.0u

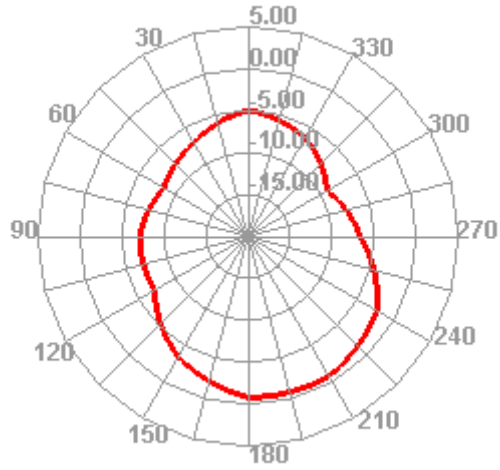

**Passive report**

Freq (MHz)	Effi (%)	Gain (dBi)
2400	40.85	1.2
2410	40.22	1.47
2420	43.27	1.78
2430	46.52	2.12
2440	45.25	2.63
2450	49.22	2.98
2460	53.89	3.4
2470	55.76	3.61
2480	61.39	3.95
2490	54.53	3.49
2500	54.42	3.44

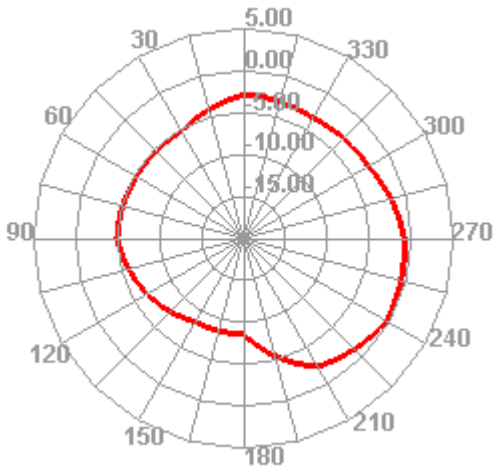
Apple chart direction chart:



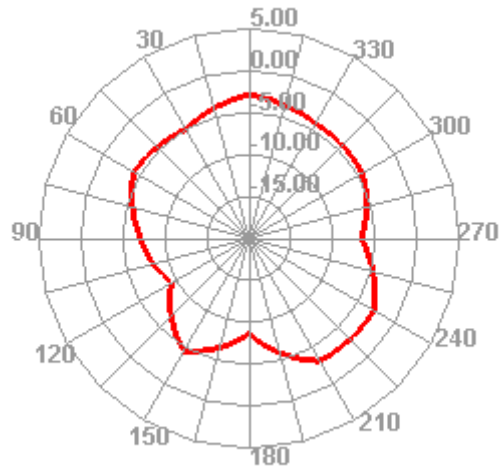
2400.000MHz H

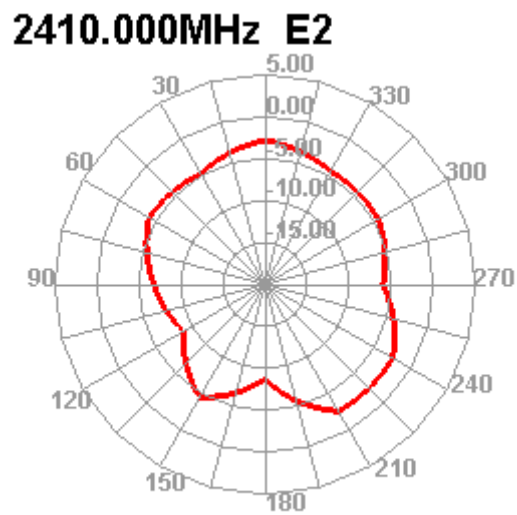
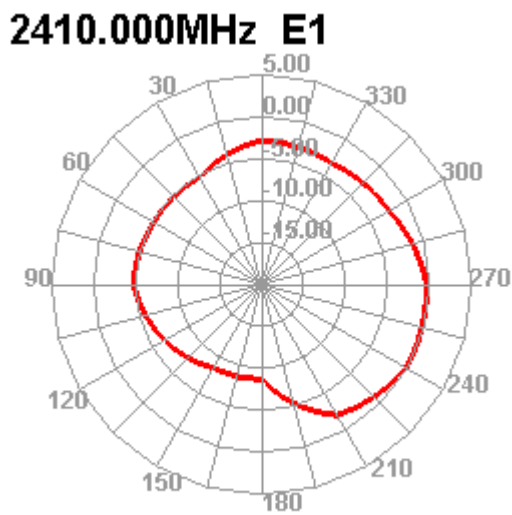
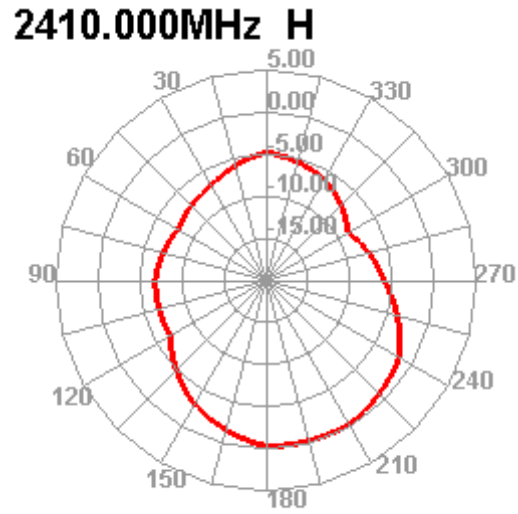
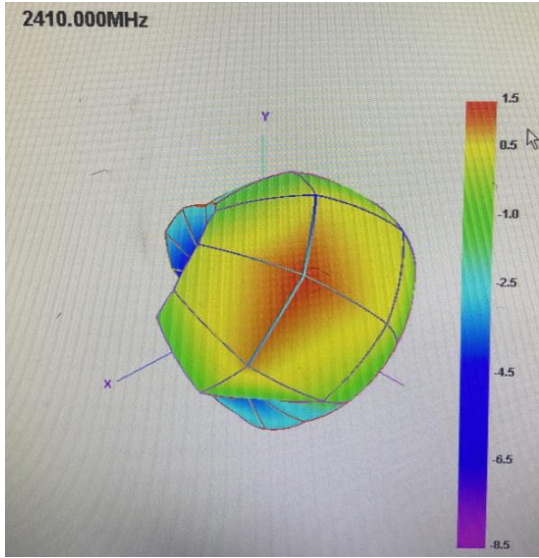


2400.000MHz E1

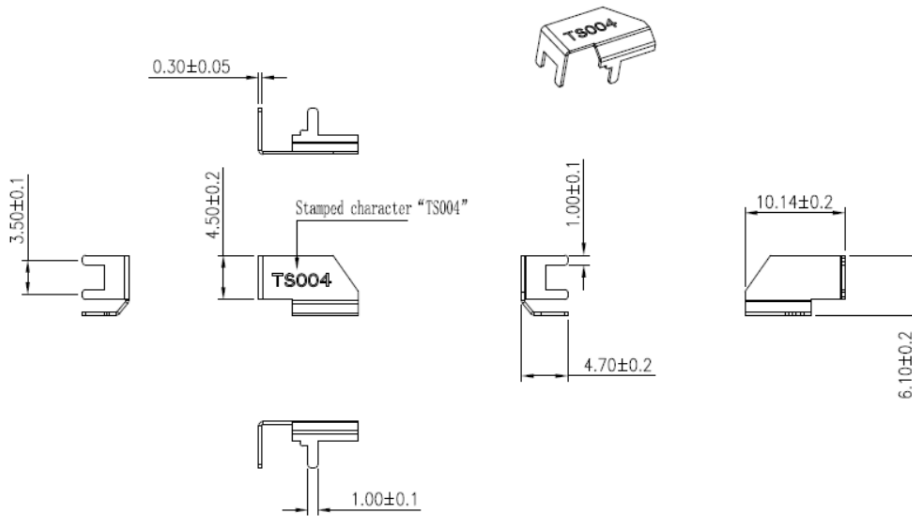


2400.000MHz E2





## Antenna size (Unit t:mm)



## Environmental treatment:

### No environment treatment

- Note:
- 1, this antenna is only suitable for debugging prototype, motherboard PCB or RF circuit material changes, accessories (such as camera, screen, horn, motor, battery, shell process) and other changes, must be tested and verified by our company before use.
  2. If this project needs to be verified by the third party, please send the prototype to our company for retesting at least one working day in advance, and then send it to our company for testing, so as to avoid delays in the project progress after two or multiple tests!