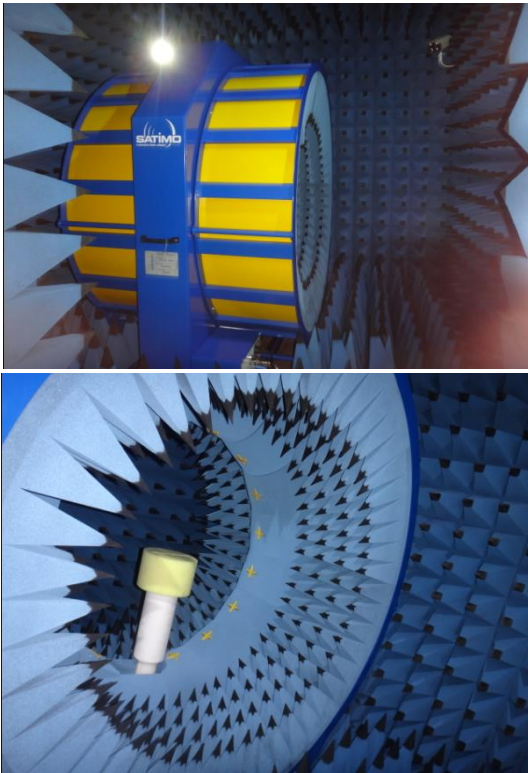


Test Report

Customer Name	Are	Antenna Model	TS004
Commissioning frequency band	WIFI:2.4G	Structure mode	steel plate
RF Engineer	XIANG YI	Structural Engineer	Du Qiang
Antenna Type	PIFA	Date	2024/8/28



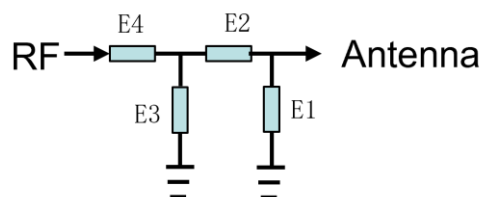
The original imported French SATIMO StarLab 3D laboratory can accurately and quickly test the TRP, TIS, efficiency, gain, Apple diagram, directional diagram and other parameter data of communication terminal products such as mobile phones, tablet computers and notebooks.

Antenna report version summary

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

WiFi antenna matching circuit ----- unchanged

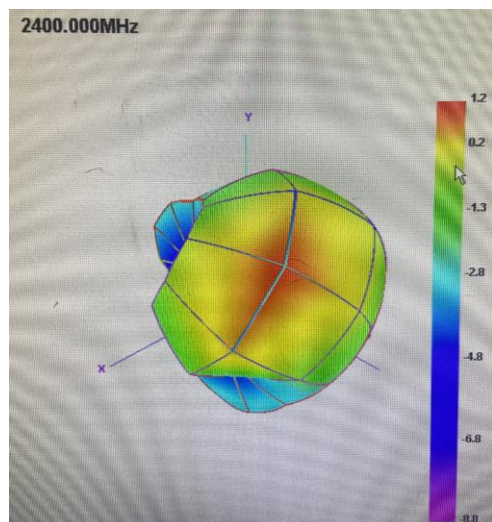
Element	E1	E2	E3	E4
Value	NC	6.8NH	NC	0.5u



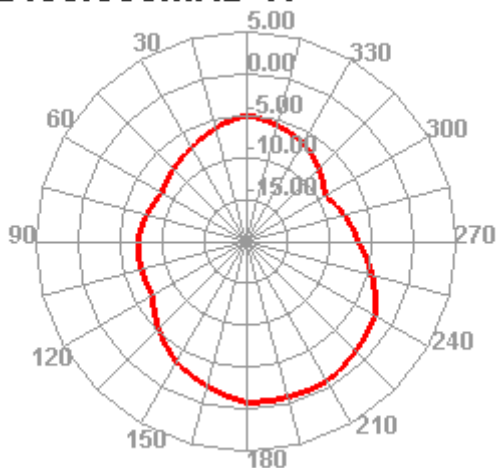
Passive report

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

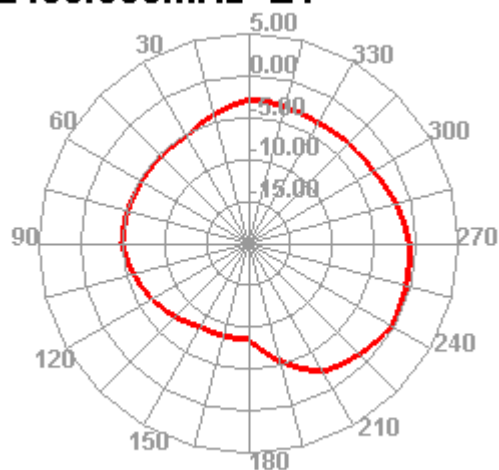
Apple chart direction chart:



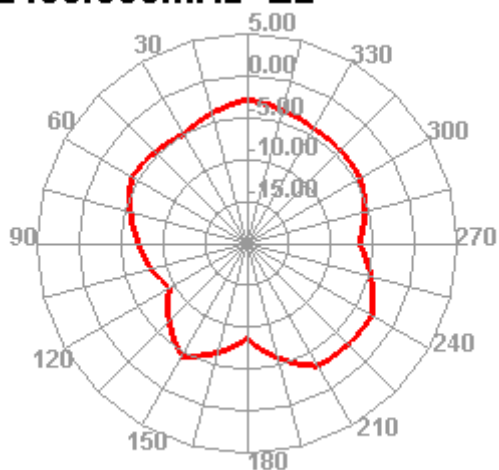
2400.000MHz H

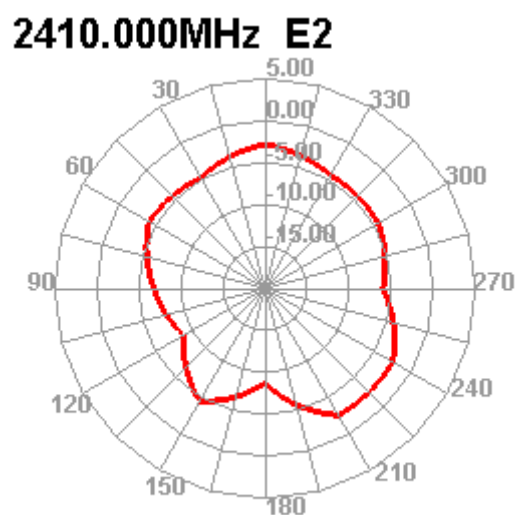
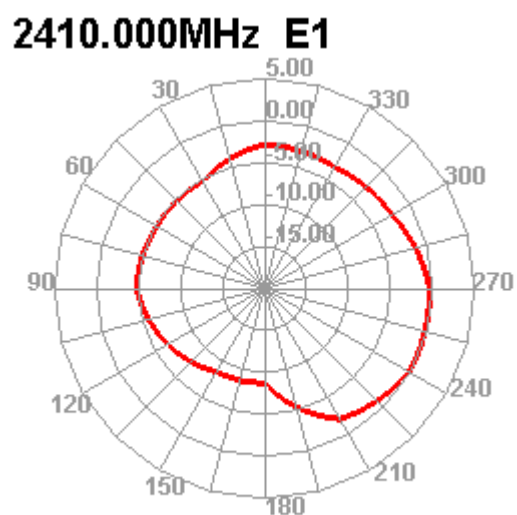
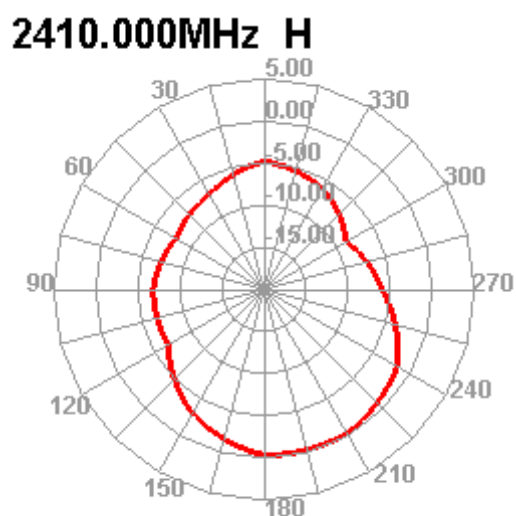
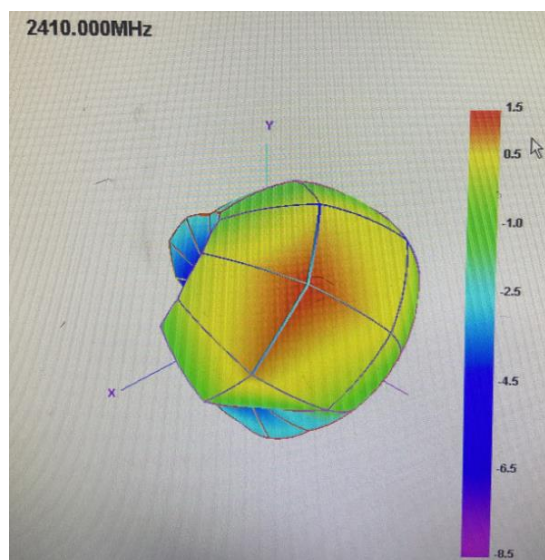


2400.000MHz E1

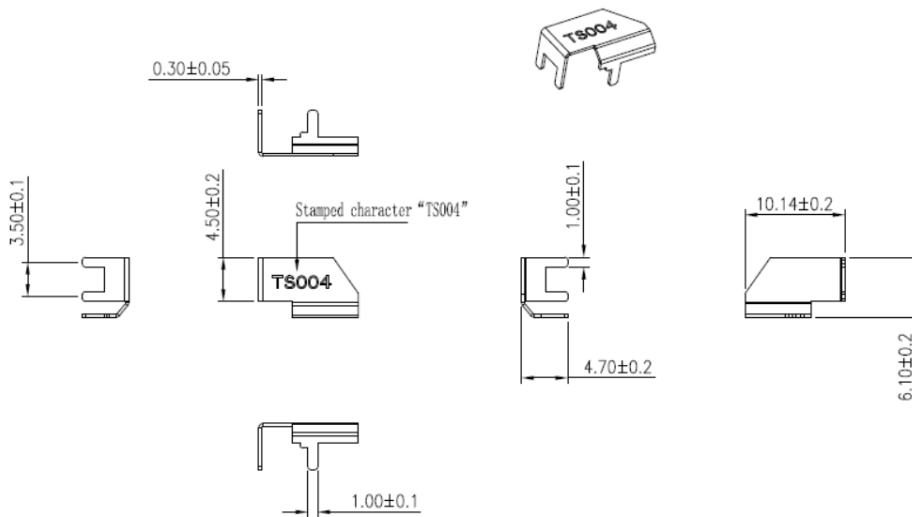


2400.000MHz E2





Antenna size



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!