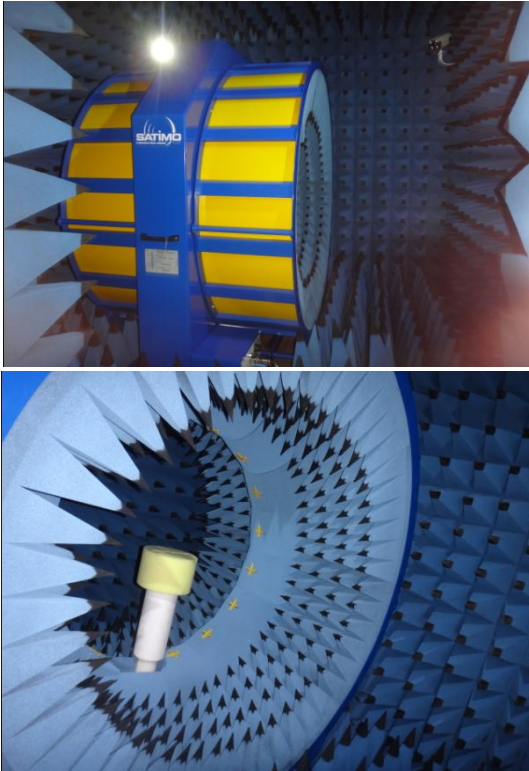


Test Report

Customer Name	Are	Project Name	IX2
Commissioning frequency band	WIFI:2. 4G/5G	Structure mode	FPC
RF Engineer	XIANG YI	Structural Engineer	Du Qiang
Antenna Type	PIFA	Date	2024/7/24



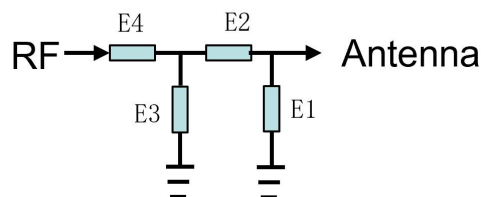
The original imported French SATIMO StarLab 3D laboratory can accurately and quickly test the TRP, TIS, efficiency, gain, Apple diagram, directional diagram and other parameter data of communication terminal products such as mobile phones, tablet computers and notebooks.

Antenna report version summary

Version	Date	Content Overview
V1.0	2023/8/1	Sample optimization test report
V2.0	2024/2/20	Sample test report
V3.0		
V4.0		
V5.0		

WiFi antenna matching circuit ----- unchanged

Element	E1	E2	E3	E4
Value	NC	0 Ω	NC	0 ω

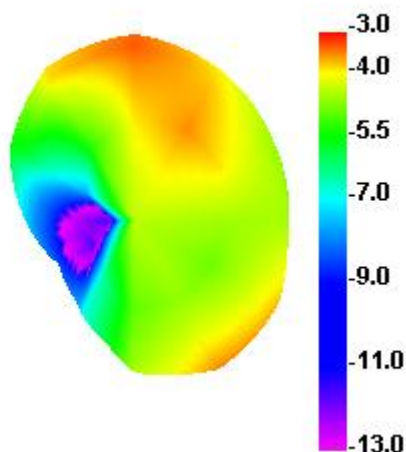


Passive report

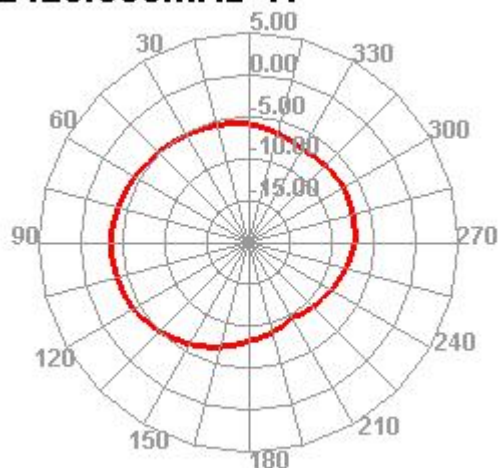
Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5150	25.65	-1.03	2400	25.73	-3.08
5200	24.53	-1.09	2410	25.73	-3.3
5250	24.84	-1.07	2420	26.4	-3.04
5300	24.42	-1.05	2430	27.29	-2.68
5350	24.69	-1.34	2440	30.29	-2.1
5400	24.91	-1.48	2450	33.74	-1.63
5450	25.41	-1.25	2460	31.82	-1.91
5500	26.44	-0.85	2470	30.29	-2.17
5550	28.16	-0.31	2480	30.21	-2.29
5600	27.13	-0.52	2490	34.35	-1.81
5650	31.59	0.42			
5700	30.57	0.92			
5750	30.22	0.58			
5800	27.17	-0.22			
5850	28.65	-0.35			

Apple chart direction chart

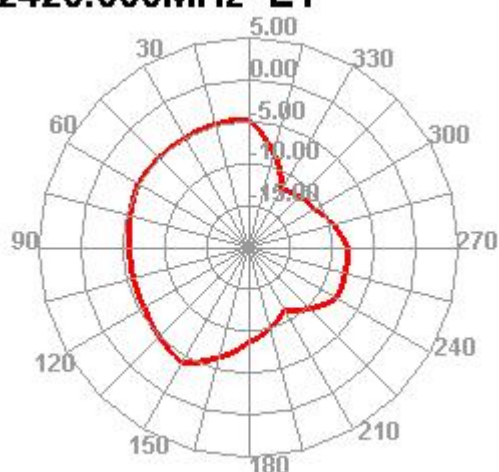
2420.000MHz



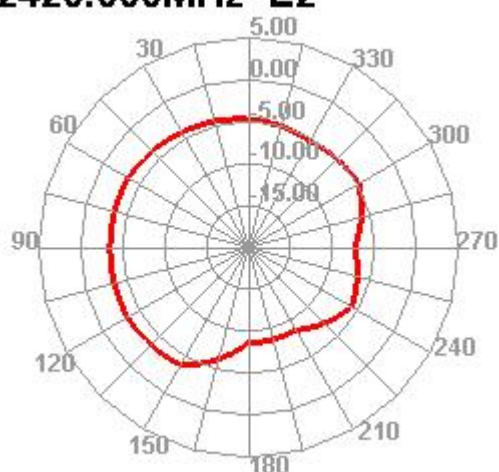
2420.000MHz H



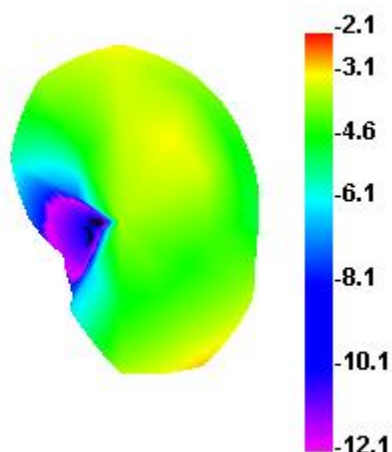
2420.000MHz E1



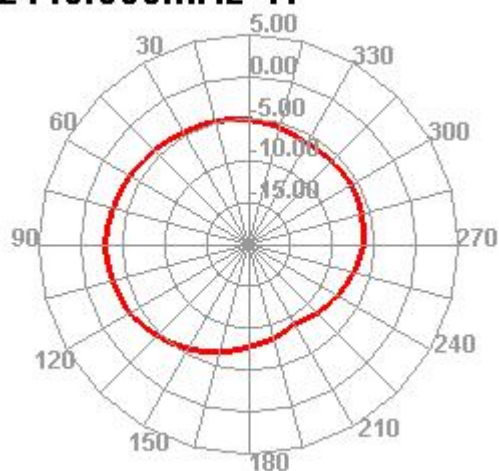
2420.000MHz E2



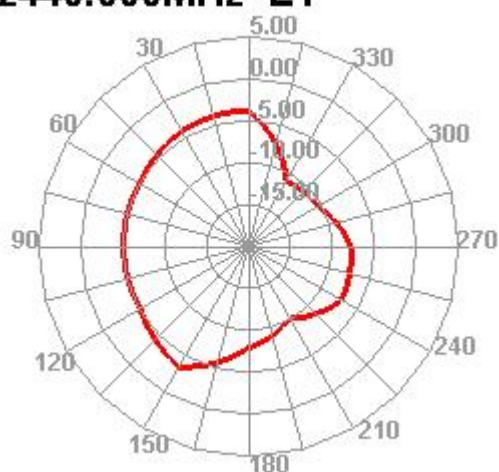
2440.000MHz



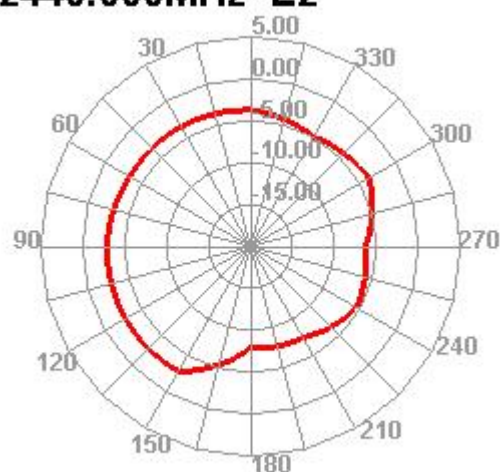
2440.000MHz H



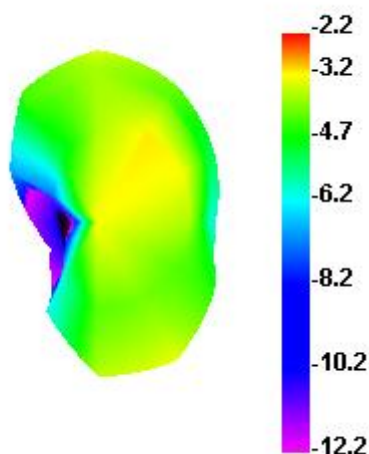
2440.000MHz E1



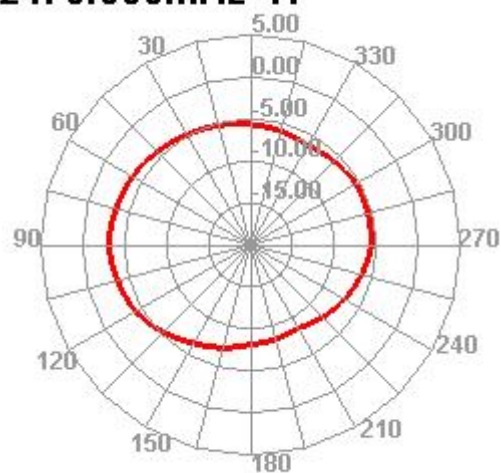
2440.000MHz E2



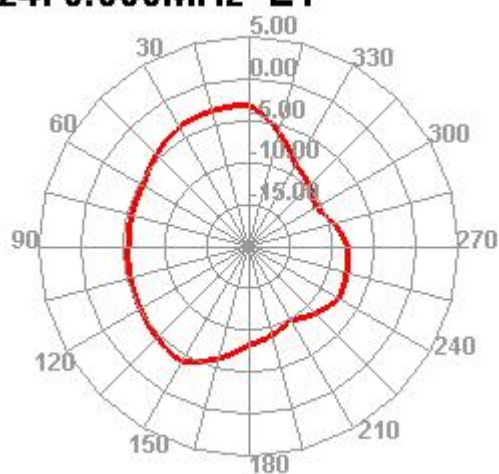
2470.000MHz



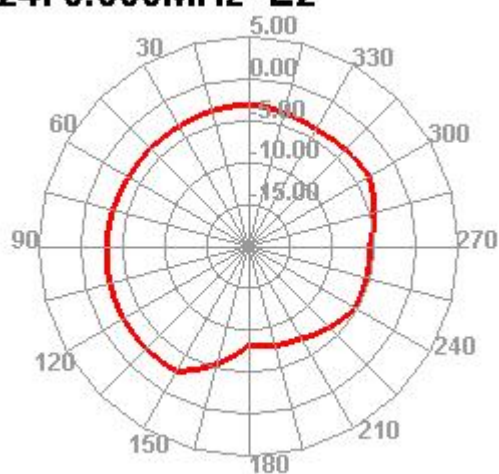
2470.000MHz H



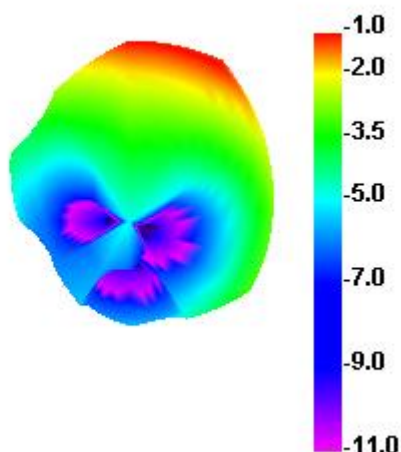
2470.000MHz E1



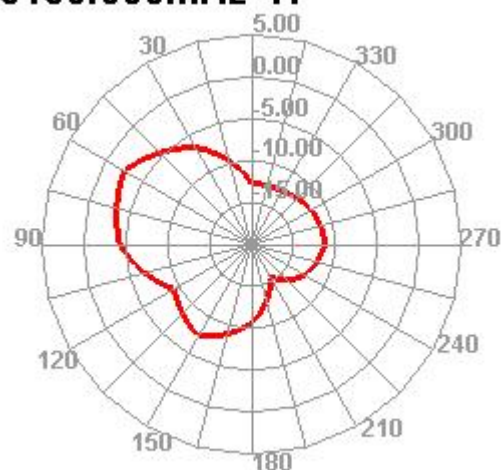
2470.000MHz E2



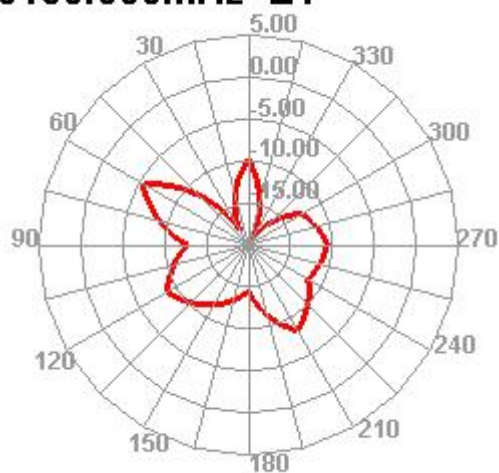
5150.000MHz



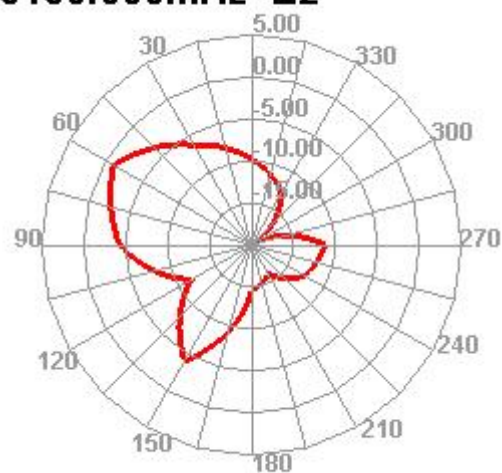
5150.000MHz H



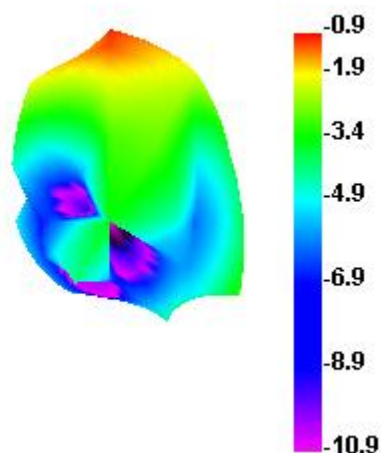
5150.000MHz E1



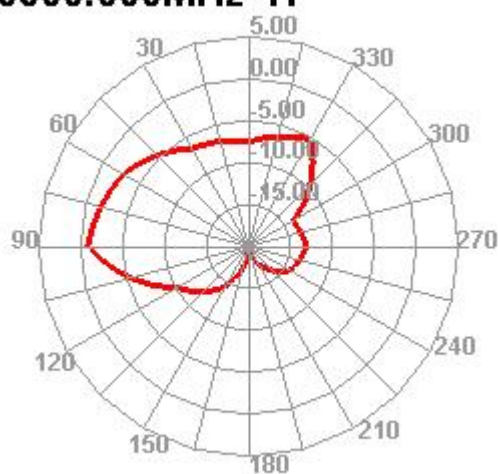
5150.000MHz E2



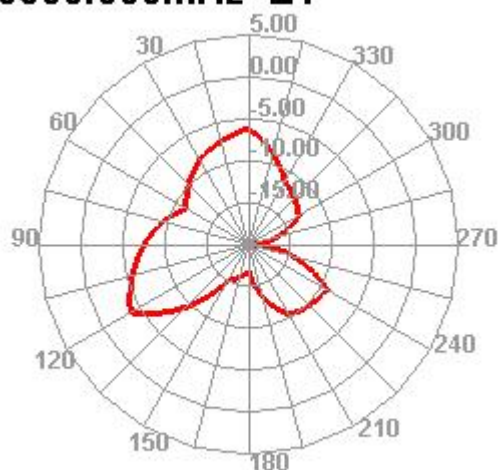
5500.000MHz



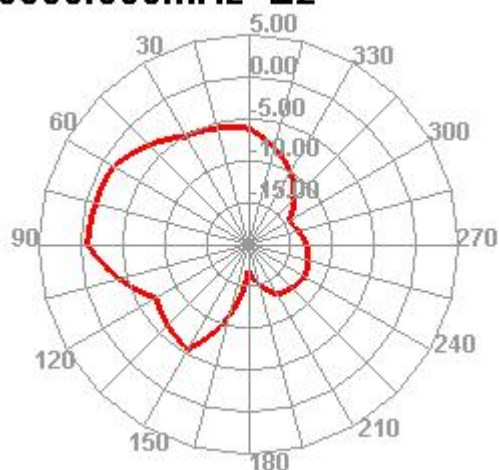
5500.000MHz H



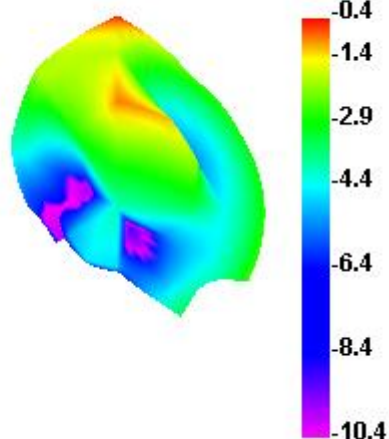
5500.000MHz E1



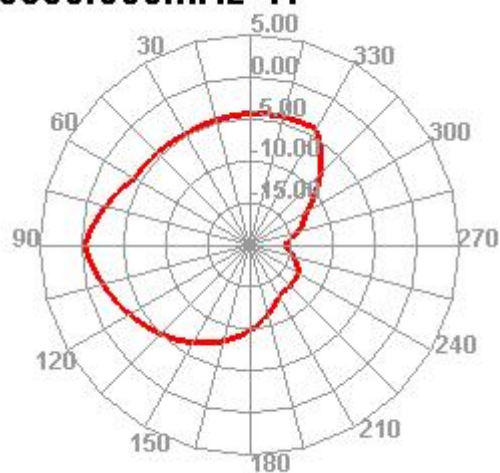
5500.000MHz E2



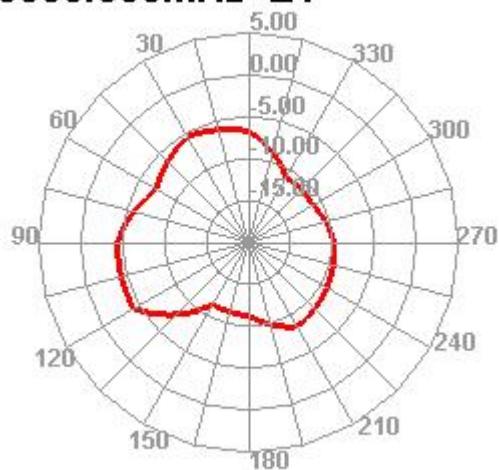
5850.000MHz



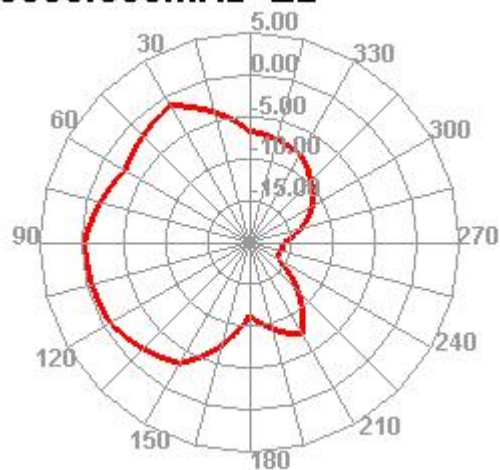
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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!