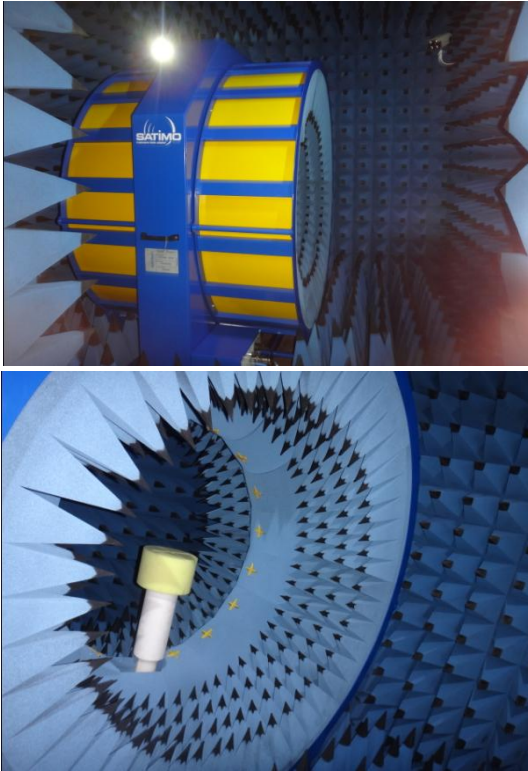


Test Report

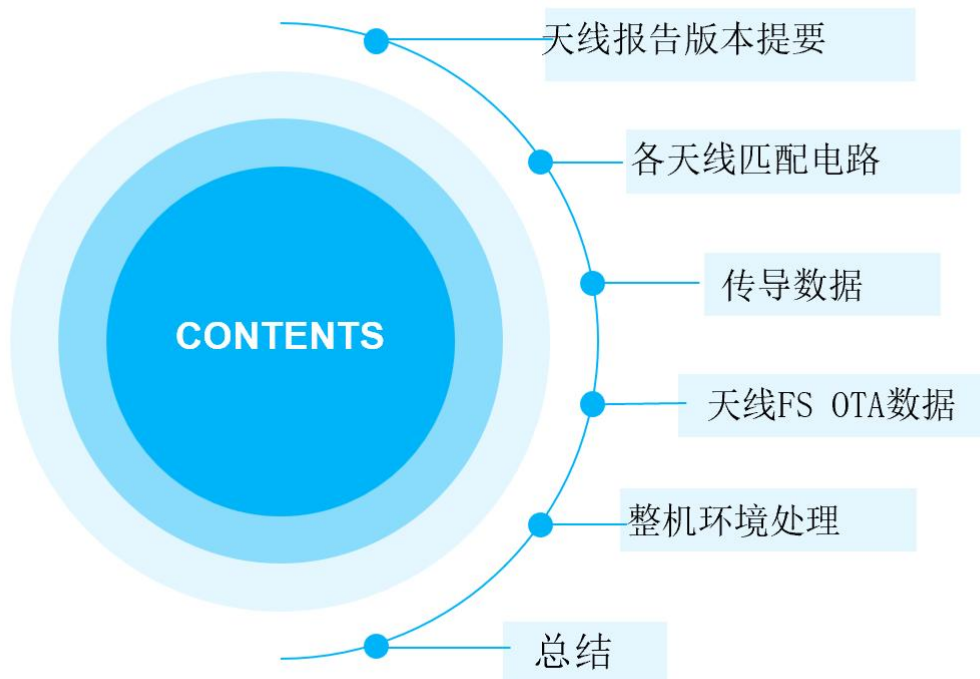


Customer Name		项目名称	戒指
Debugging frequency band	2.4-2.5G	Structural approach	Built-in
Radio frequency engineer	Mr. Wu	Structural Engineer	
Antenna type	PIFA	Date	2025-12-30

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The original imported French SATIMO Company's StarLab 3D laboratory can accurately and quickly test the parameters such as TRP, TIS, efficiency, gain, Apple graph, and direction graph of communication terminal products like mobile phones,



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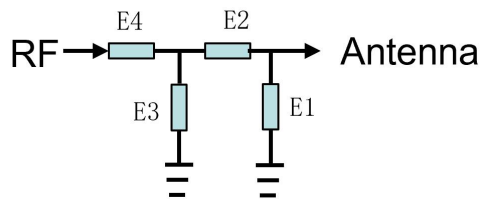
Antenna Report Summary

Version	Date	Content summary
V1.0	2025-12-21	Antenna Efficiency Test Report
V2.0	2025-12-30	Revise the antenna efficiency test report

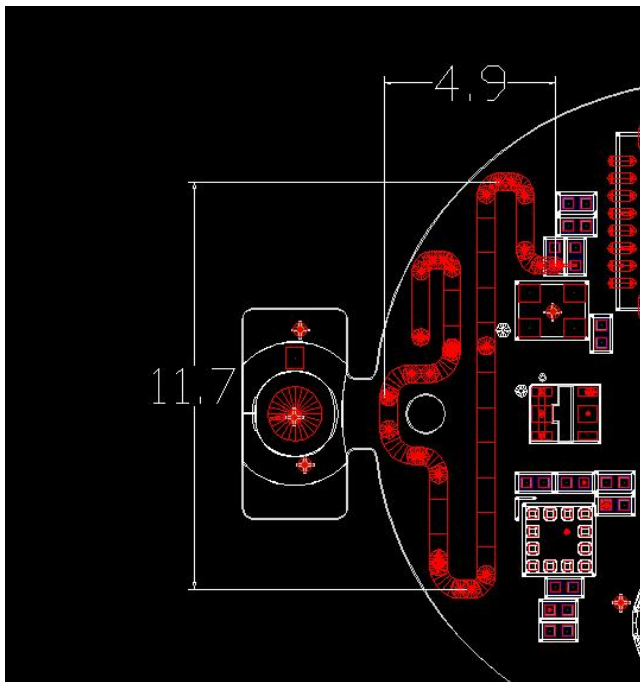
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Main antenna matching circuit - unchanged

Element	E1	E2	E3	E4
Value				



Antenna structure diagram



Passive standing wave diagram

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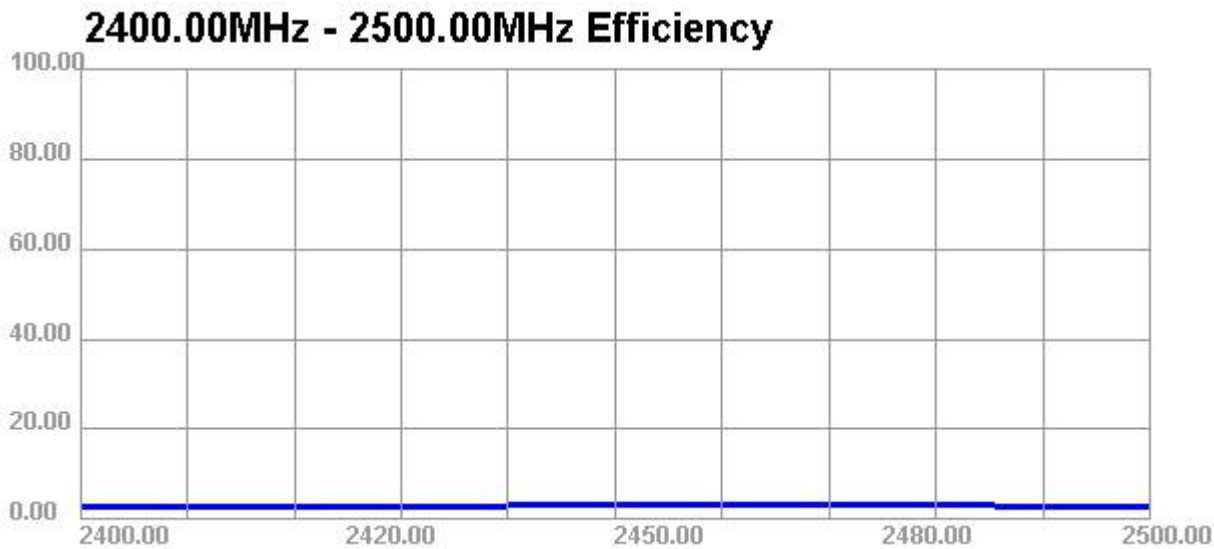
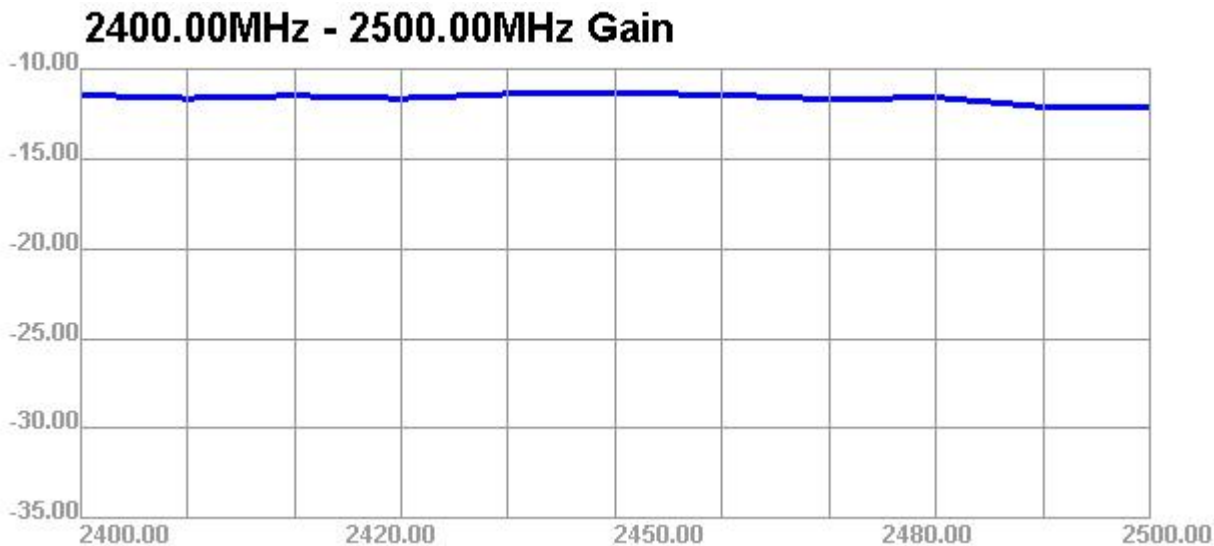


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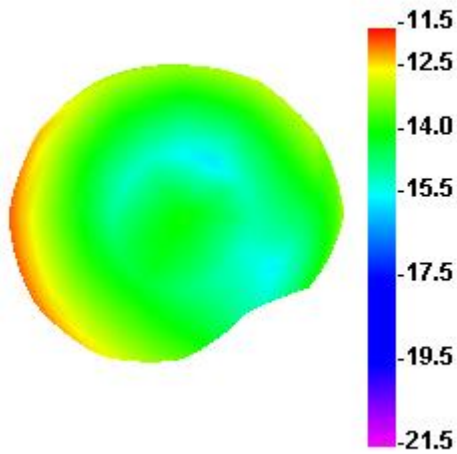
Antenna efficiency

Passive Test For 2.4G		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	2.85	-11.46
2410	2.78	-11.64
2420	2.91	-11.5
2430	2.83	-11.65
2440	3.08	-11.4
2450	3.15	-11.37
2460	3.22	-11.44
2470	3.11	-11.7
2480	3.26	-11.59
2490	2.93	-12.12
2500	2.89	-12.1

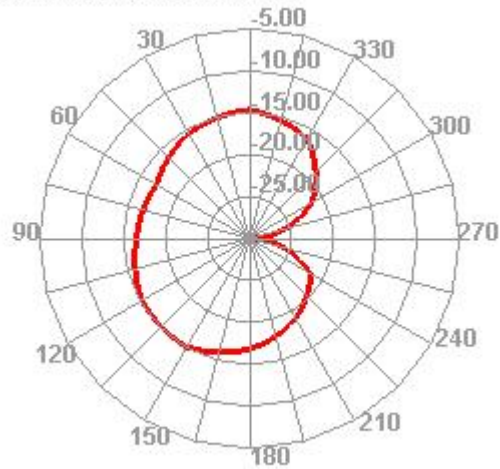


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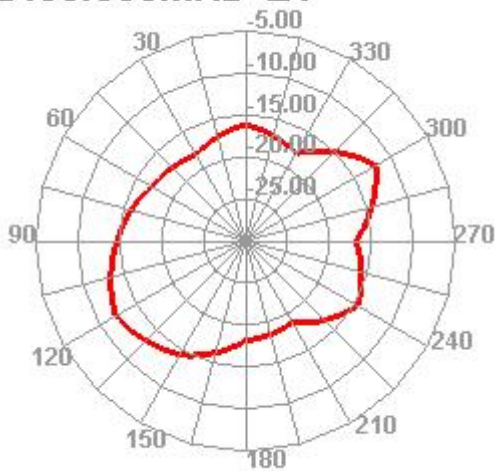
2400.000MHz



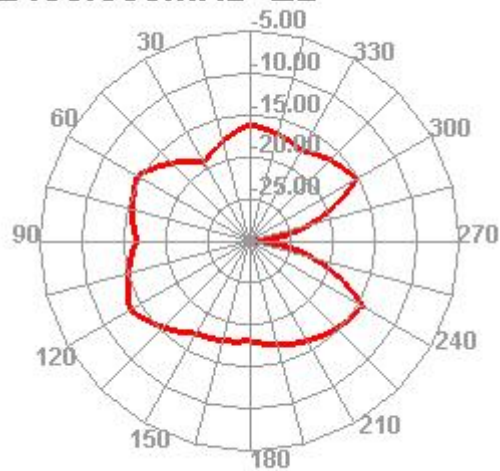
2400.000MHz H



2400.000MHz E1

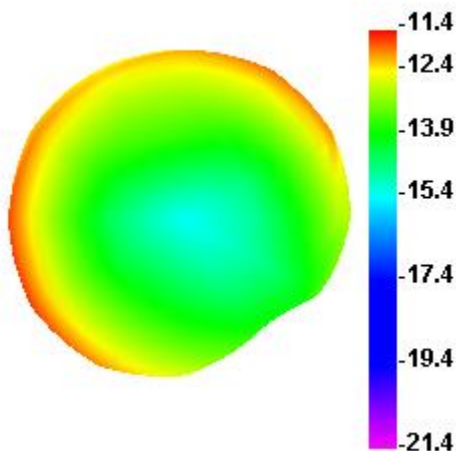


2400.000MHz E2

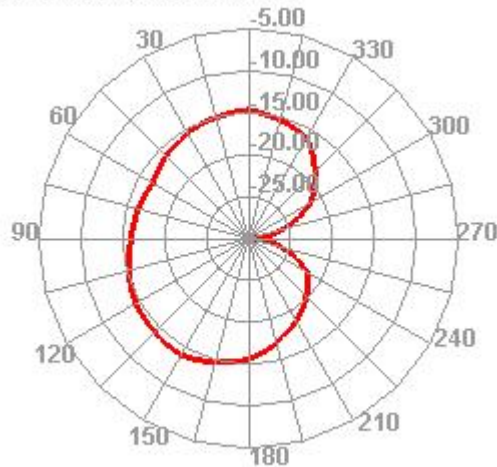


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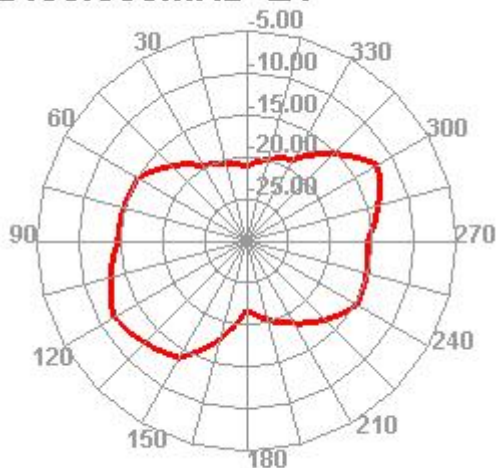
2450.000MHz



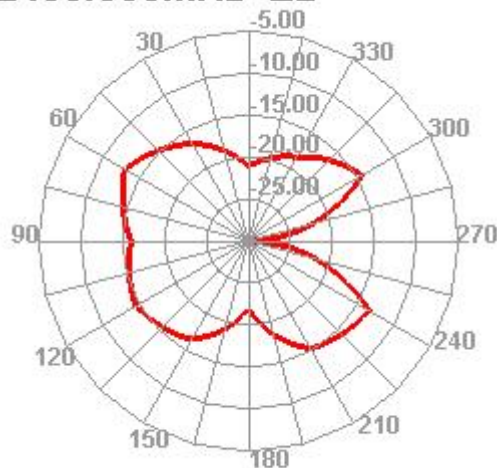
2450.000MHz H



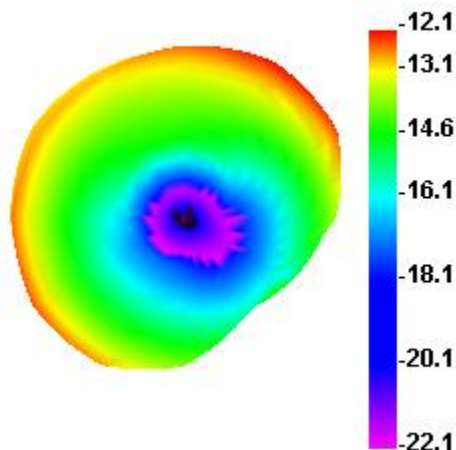
2450.000MHz E1



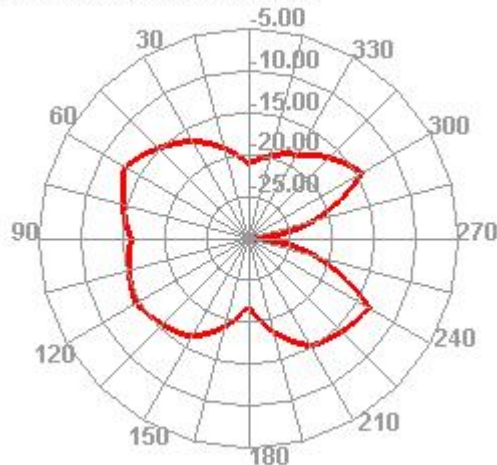
2450.000MHz E2



2500.000MHz



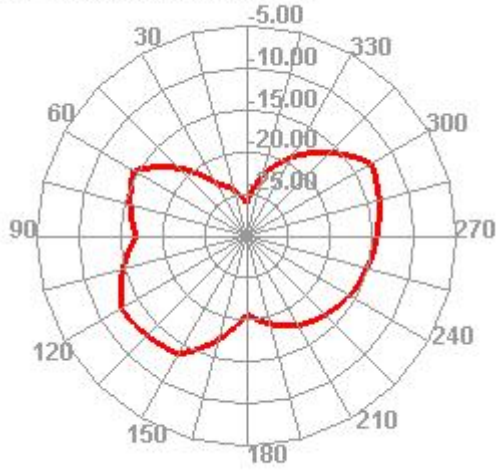
2450.000MHz E2



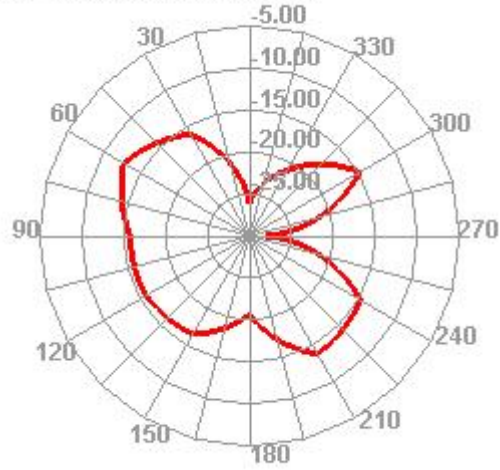
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Shenzhen Infinite Intelligent Network Technology Co., Ltd.

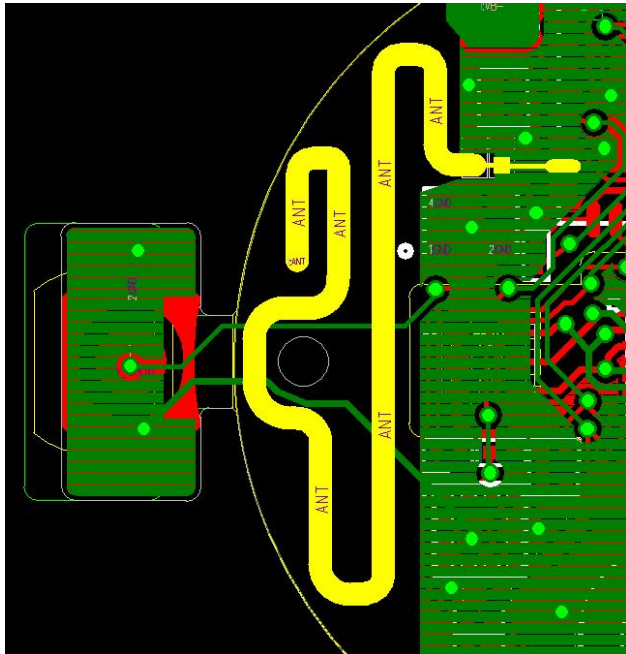
2500.000MHz E1



2500.000MHz E2



Antenna diagram



Notes:

1. This antenna is only applicable for the prototype debugging. Any changes to the mainboard PCB or RF circuit components, as well as alterations to accessories (such as camera, screen, speaker, motor, battery, casing processing), must be tested and verified by our company on the entire machine before they can be used.
2. If this project requires third-party verification, please provide the prototype to our company at least one working day in advance for re-testing to ensure it is OK before sending for testing. Avoiding multiple or repeated tests that may delay the project schedule!