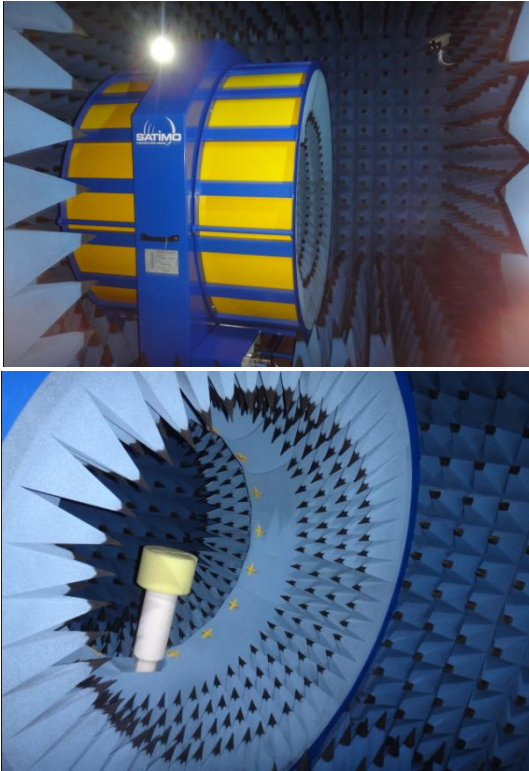


Test Report

Customer Name	Hefei Yingju	Project Name	U10-1
Commissioning frequency band	WIFI:2.4G	Structure mode	Fpc+coaxial cable
RF Engineer	Ou Yangqiu	Structural Engineer	Deng gon
Antenna Type	PIFA	Date	2026-07-14



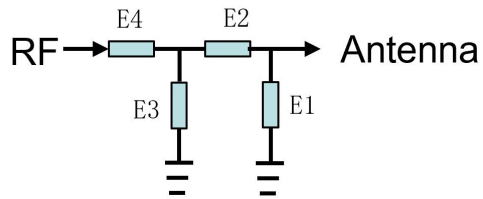
The original imported French SATIMO StarLab 3D laboratory can accurately and quickly test the TRP, TIS, efficiency, gain, Apple diagram, directional diagram and other parameter data of communication terminal products such as mobile phones, tablet computers and notebooks.

Antenna report version summary

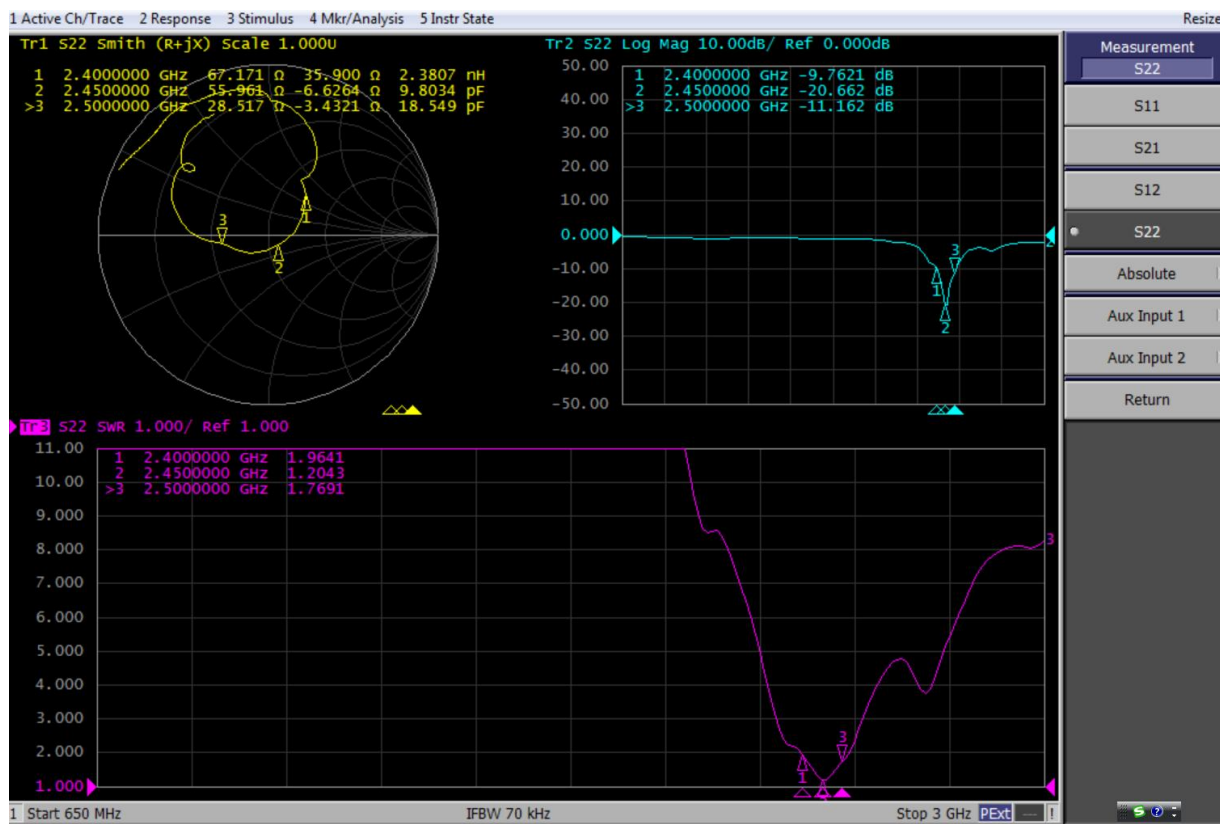
Version	Date	Content Overview
V1.0	2026-07-14	Sample test report

WiFi antenna matching circuit ----- unchanged

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



Standing wave pattern

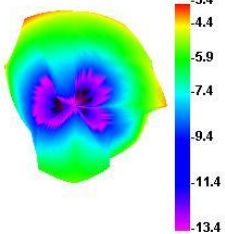


Efficiency and gain

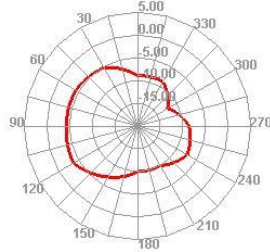
Freq (MHz)	Effi (%)	Gain (dBi)
2400	19.76	-3.39
2410	20.42	-3.14
2420	22.8	-2.54
2430	23.36	-2.14
2440	25.44	-1.7
2450	25.61	-1.71
2460	26.67	-1.45
2470	25.95	-1.54
2480	27.19	-1.46
2490	24.97	-2
2500	24.54	-1.85

Apple chart direction chart:

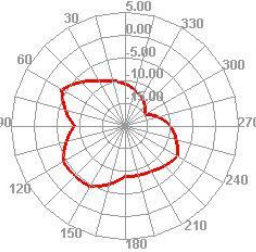
2400.000MHz



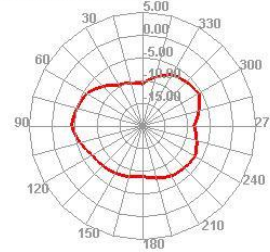
2400.000MHz H



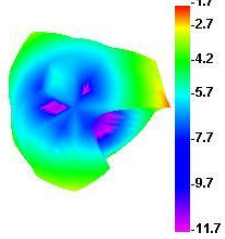
2400.000MHz E1



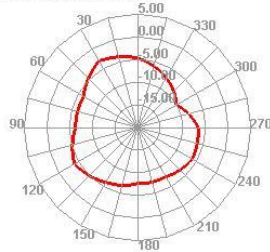
2400.000MHz E2



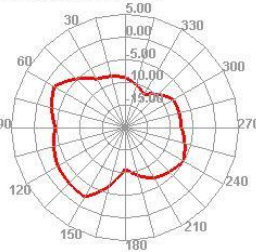
2450.000MHz



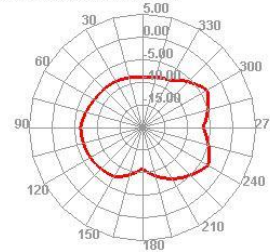
2450.000MHz H



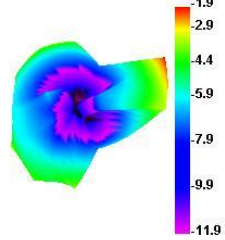
2450.000MHz E1



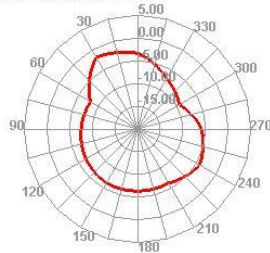
2450.000MHz E2



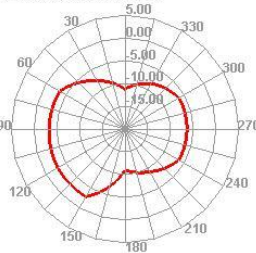
2500.000MHz



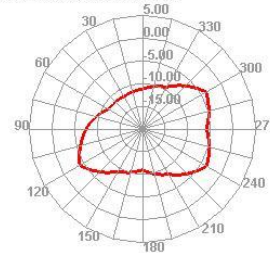
2500.000MHz H



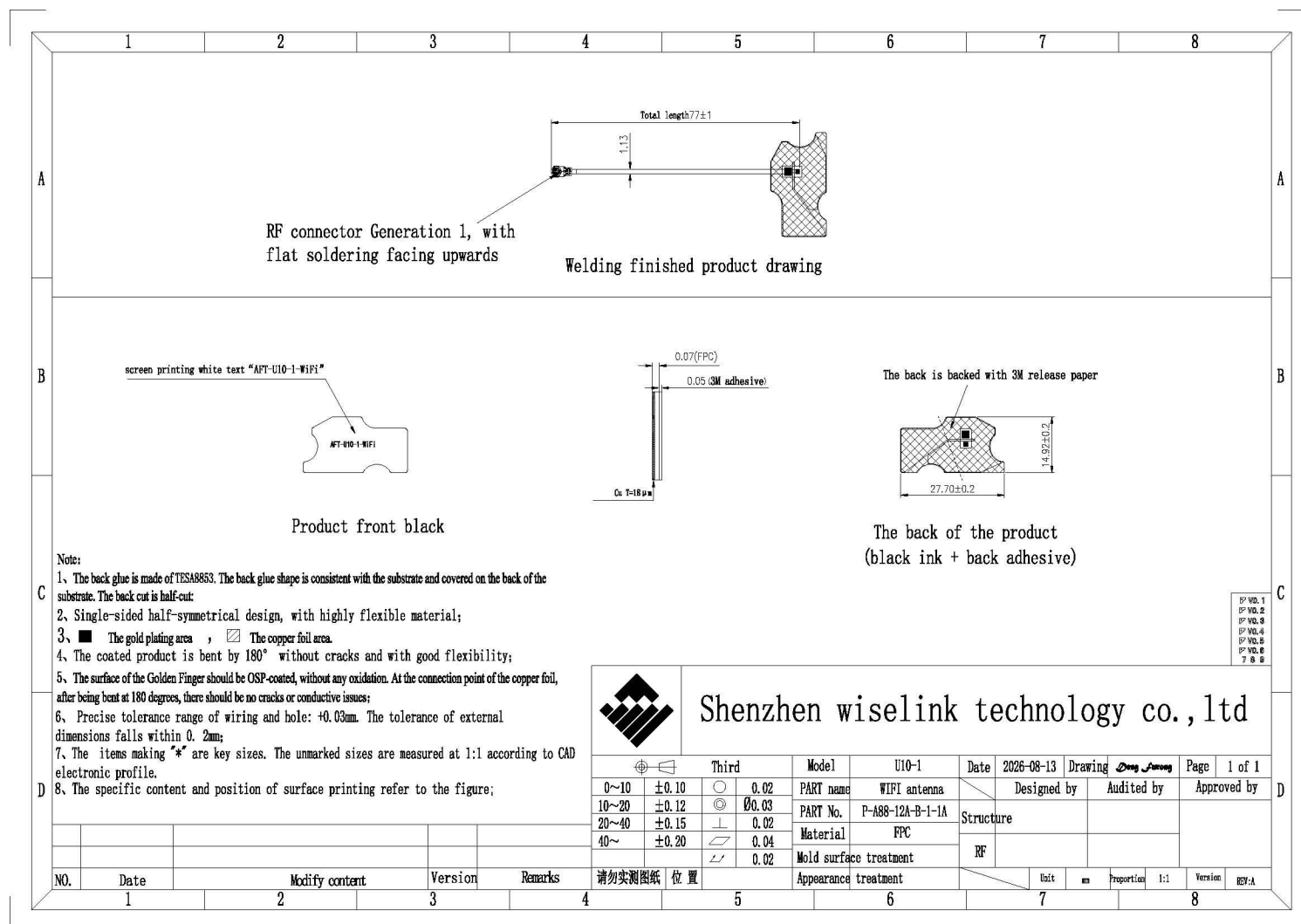
2500.000MHz E1



2500.000MHz 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!