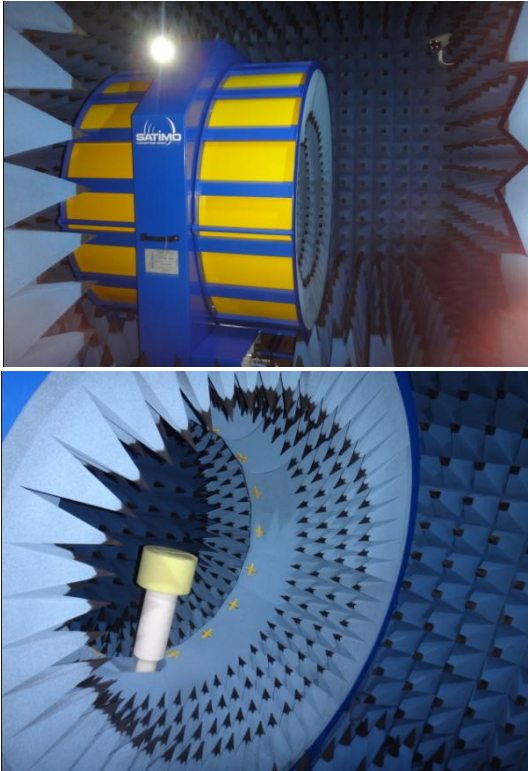


Test Report



Customer Name	Shenzhen One Stone Two Birds Technology Co., Ltd.	Project Name	Subway panel
Commissioning frequency band	WIFI:2.4G	Structure mode	FPC
RF Engineer	Wu Zhenwei	Structural Engineer	Du Qiang
Antenna Type	PIFA	Date	2025-03-03



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.



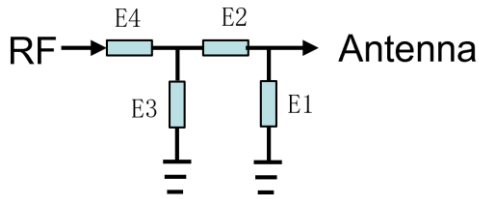
深圳市无限智联科技有限公司
Shenzhen wiselink technology co.,ltd

Antenna report version summary

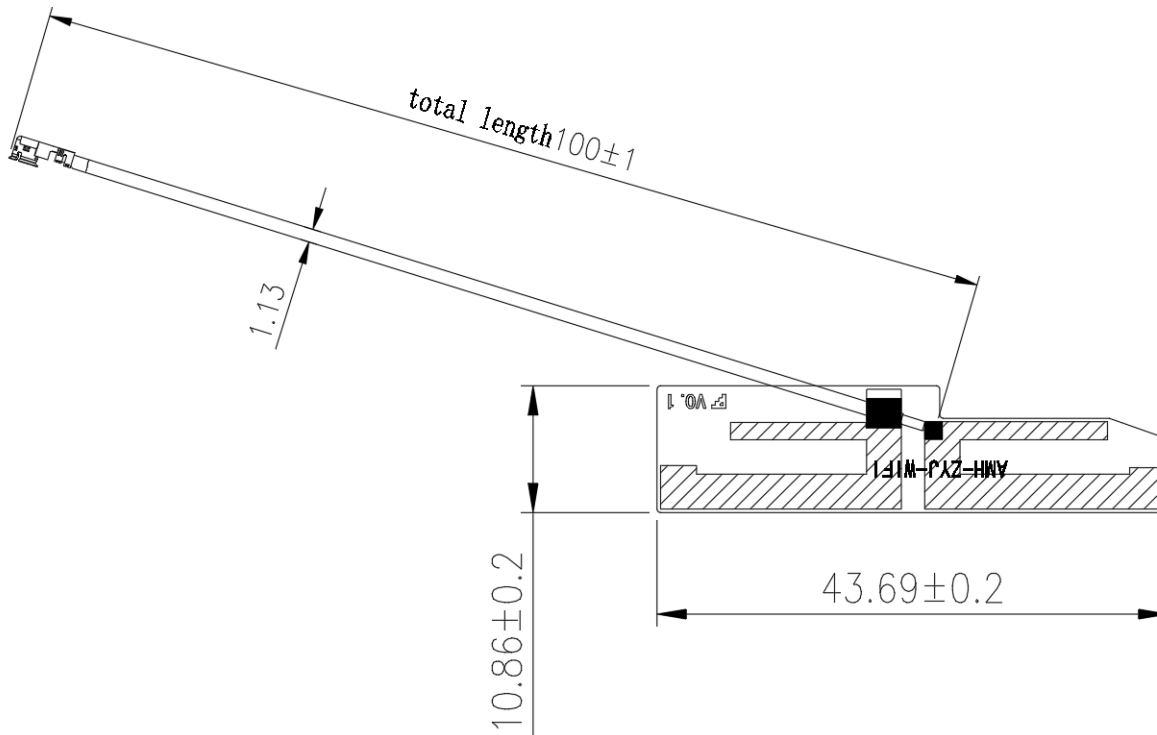
Version	Date	Content Overview
V1.0	2025-03-03	Antenna test report

WIFI antenna matching circuit-----unchanged.

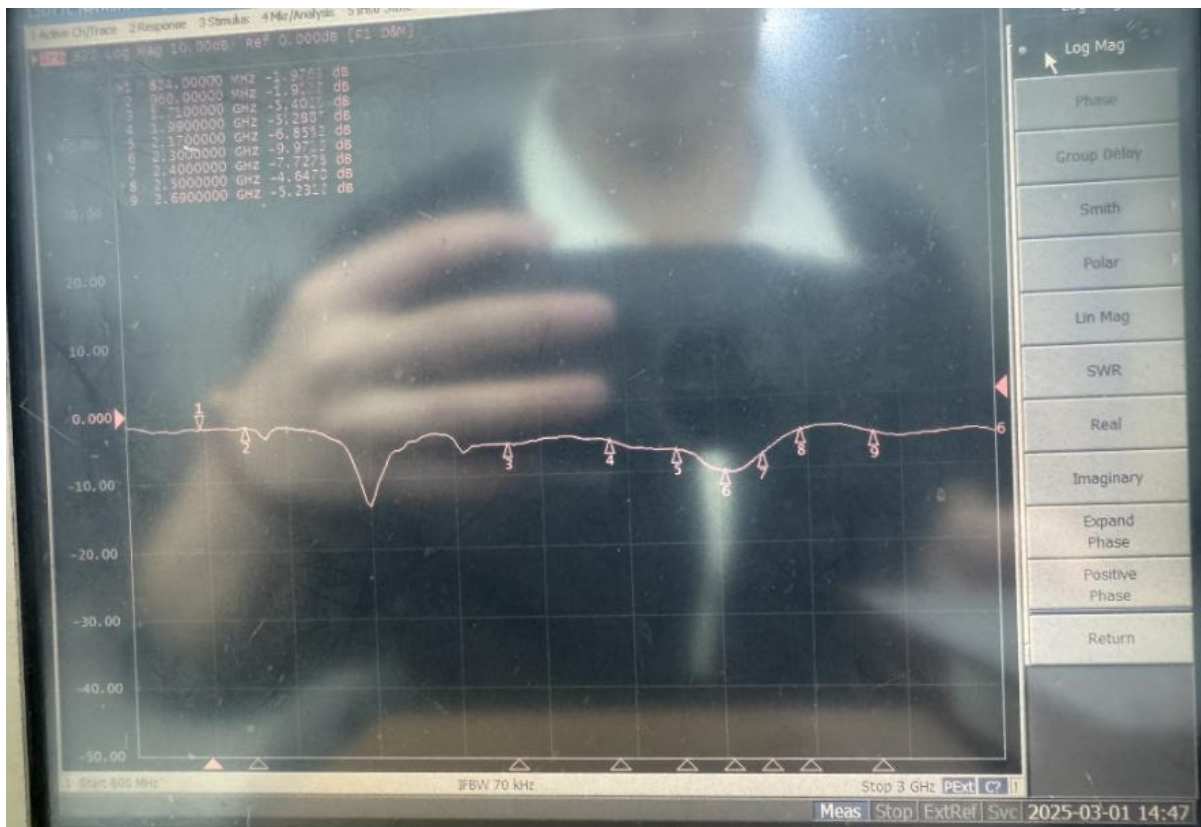
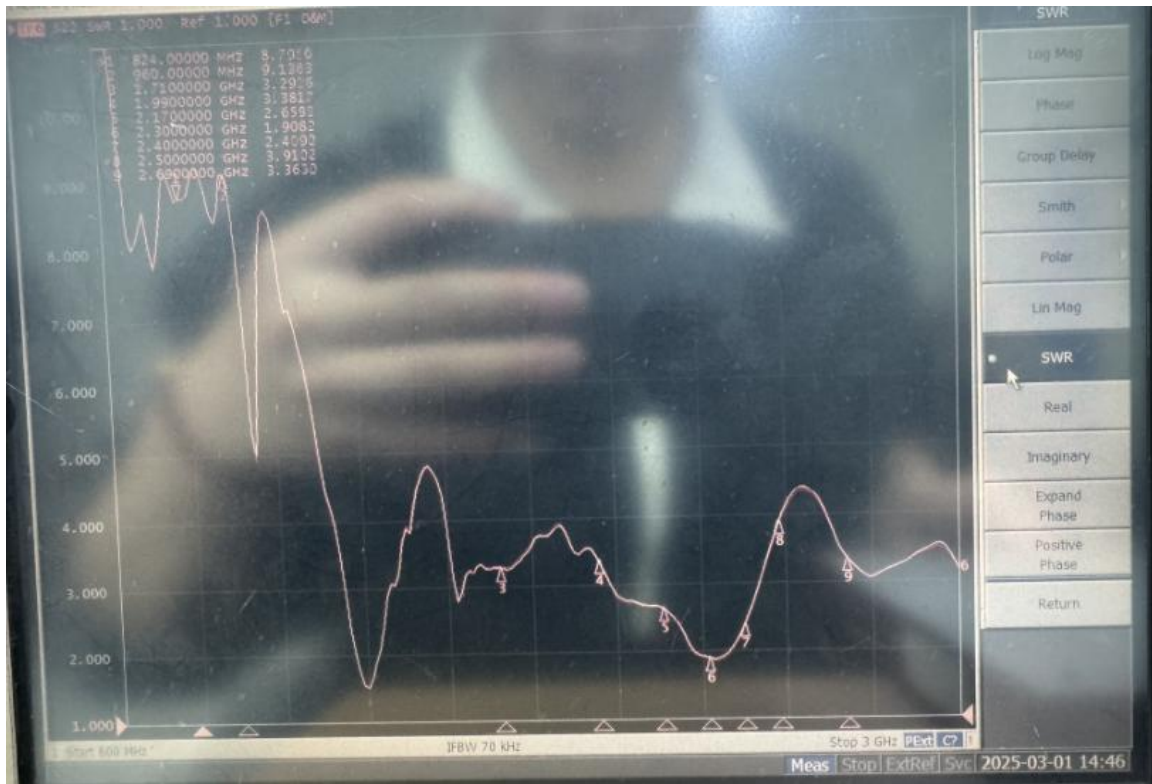
Element	E1	E2	E3	E4
Value				



Antenna size:



Passive standing wave diagram

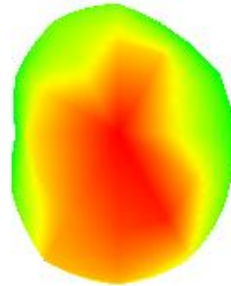
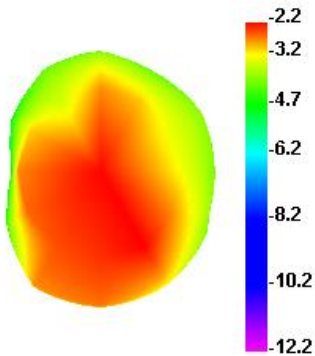


Antenna efficiency gain:

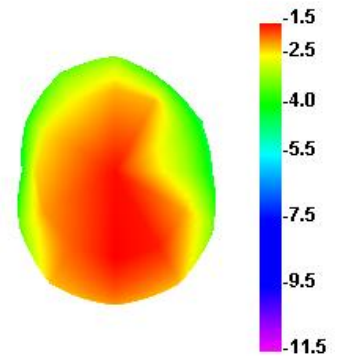
Passive Test For 2.4G		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	15.96	-2.16
2410	14.97	-2.17
2420	16.16	-1.85
2430	15.11	-2.15
2440	17.25	-1.57
2450	16.42	-1.75
2460	18.48	-1.27
2470	18.03	-1.33
2480	20.5	-0.86
2490	17.15	-1.7
2500	18.01	-1.51

2450.000MHz

2400.000MHz

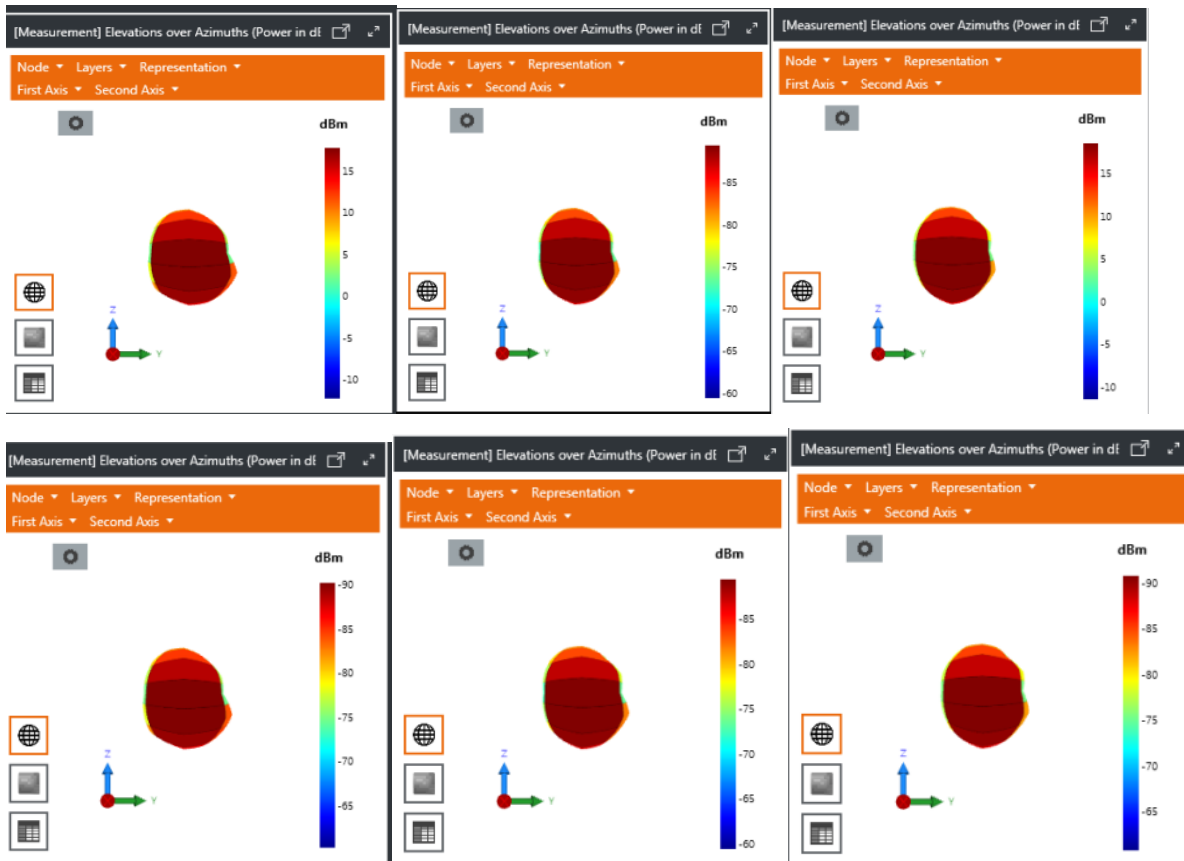


2500.000MHz



WIFI OTA:

Band	Channel	TRP (dBm)	TIS (dBm)
2.4G 11B	L	10.4	-82.5
	M	10.7	-82.7
	H	10.8	-82.9



Antenna position map:



The antenna is attached downward and centered horizontally.

Width of iron sheet