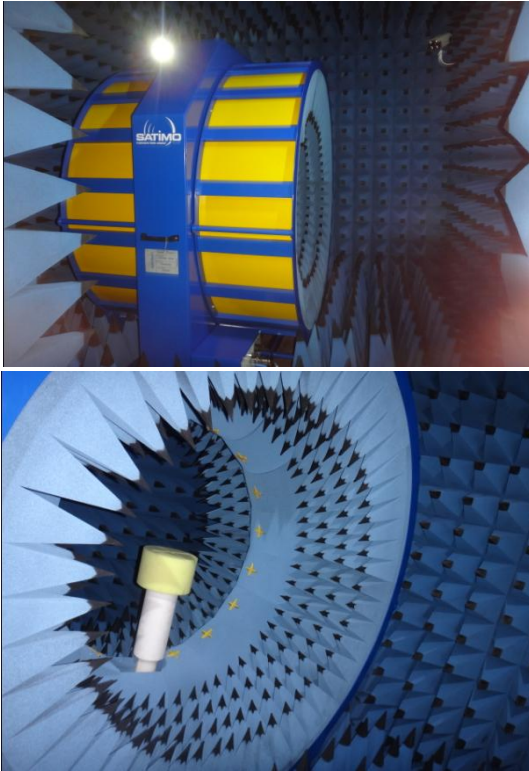


Test Report

Customer Name	Xinli Communication	Project Name	Z01
Commissioning frequency band	BT	Structure mode	FPC
RF Engineer	OUYANGQIU	Structural Engineer	Guo Gong
Antenna Type	Single pole	Date	2026-09-14



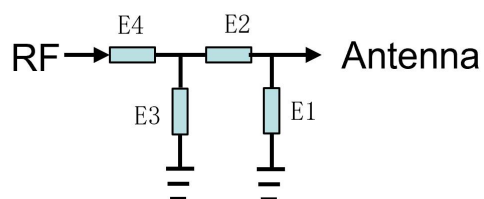
The original imported French SATIMO StarLab 3D laboratory can accurately and quickly test the TRP, TIS, efficiency, gain, Apple diagram, directional diagram and other parameter data of communication terminal products such as mobile phones, tablet computers and notebooks.

Antenna report version summary

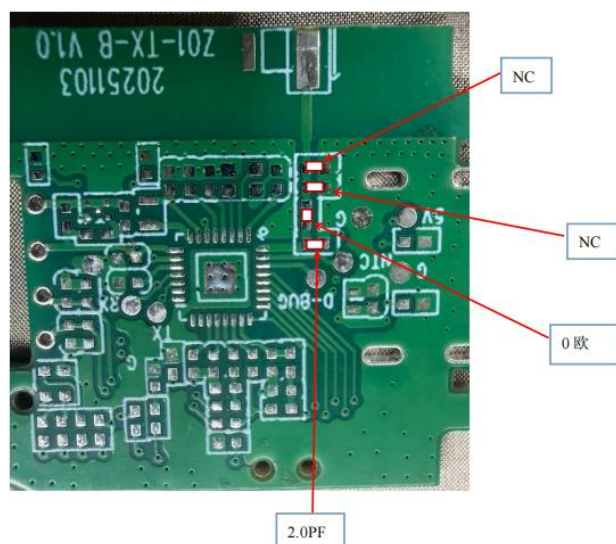
Version	Date	Content Overview
V1.0	2026-09-14	Sample test report

BT antenna matching circuit ----- Changed

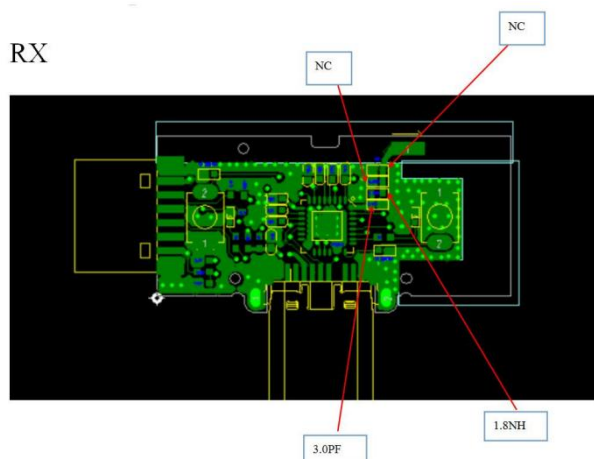
Element	E1	E2	E3	E4
Value	NC	0Ω	NC	2.0pF



TX Z01

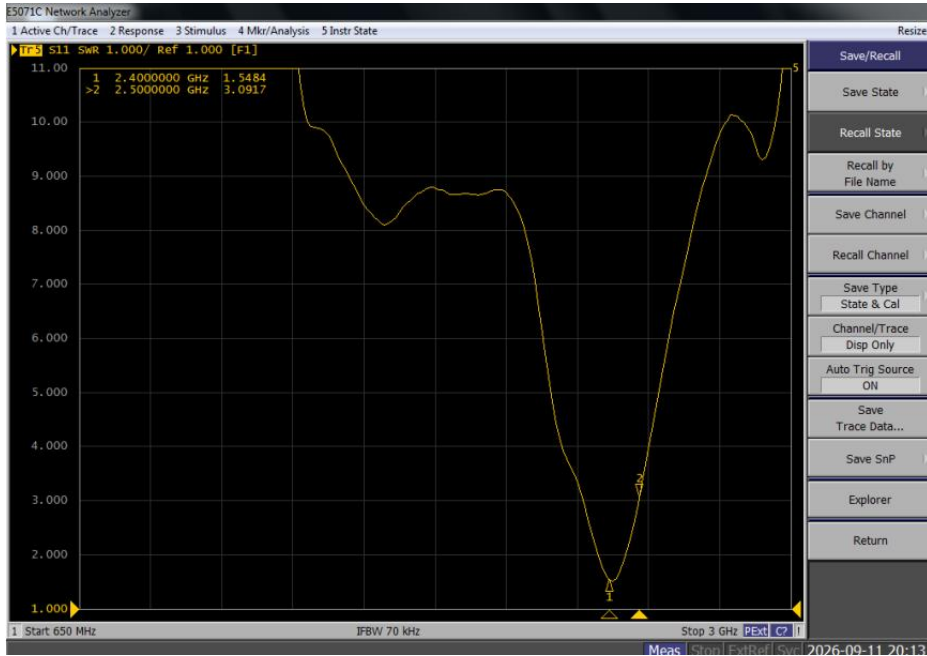


RX

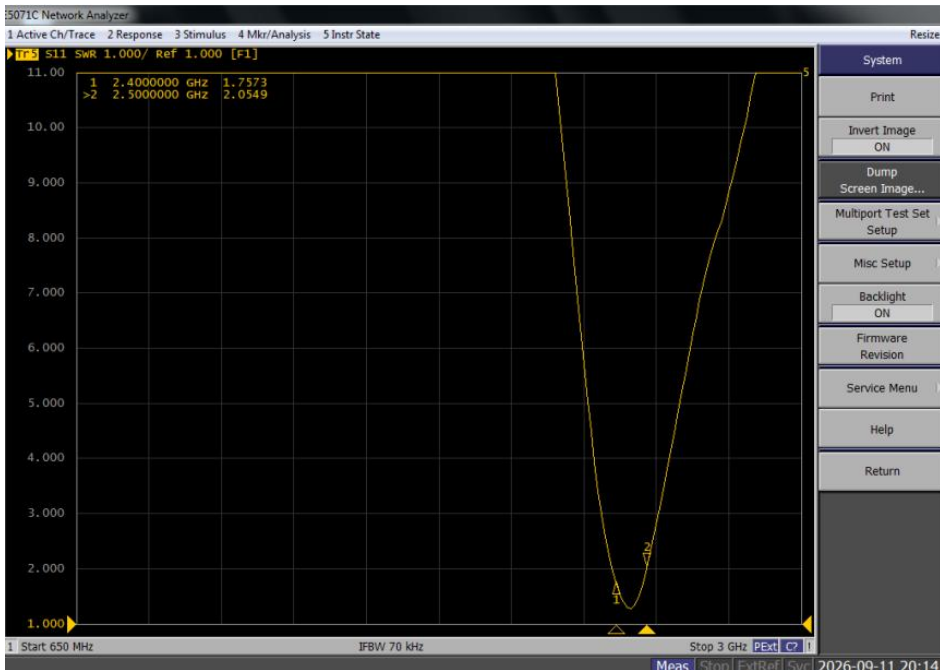


Zhubotu;

TX



RX



Efficiency gain;

Z01 TX;

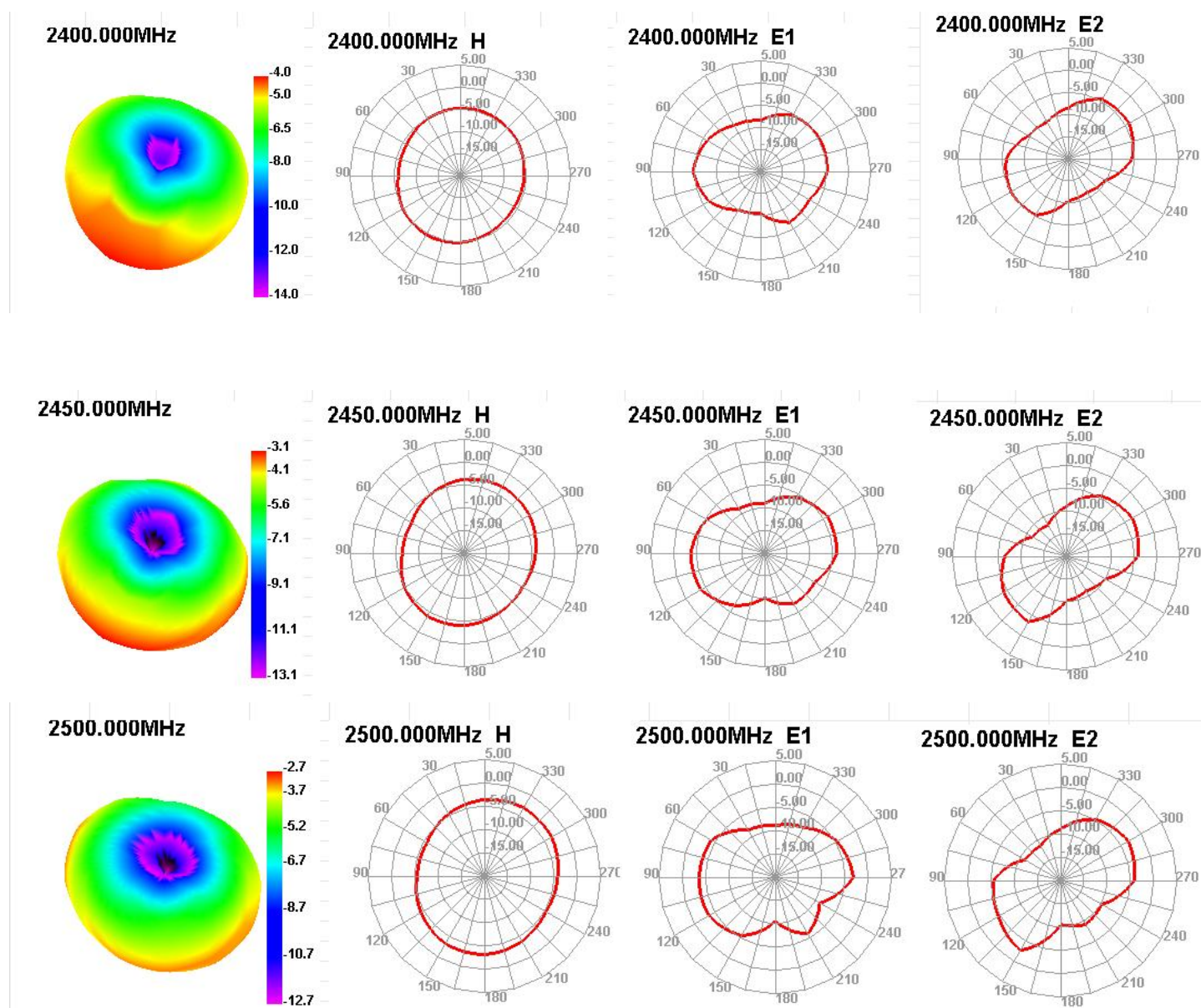
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.68	-3.97
2410	23.56	-3.94
2420	26.1	-3.55
2430	26.85	-3.37
2440	29.77	-2.89
2450	27.85	-3.13
2460	32	-2.57
2470	33.32	-2.25
2480	38.32	-1.61
2490	29.17	-2.72
2500	29.43	-2.71

RX;

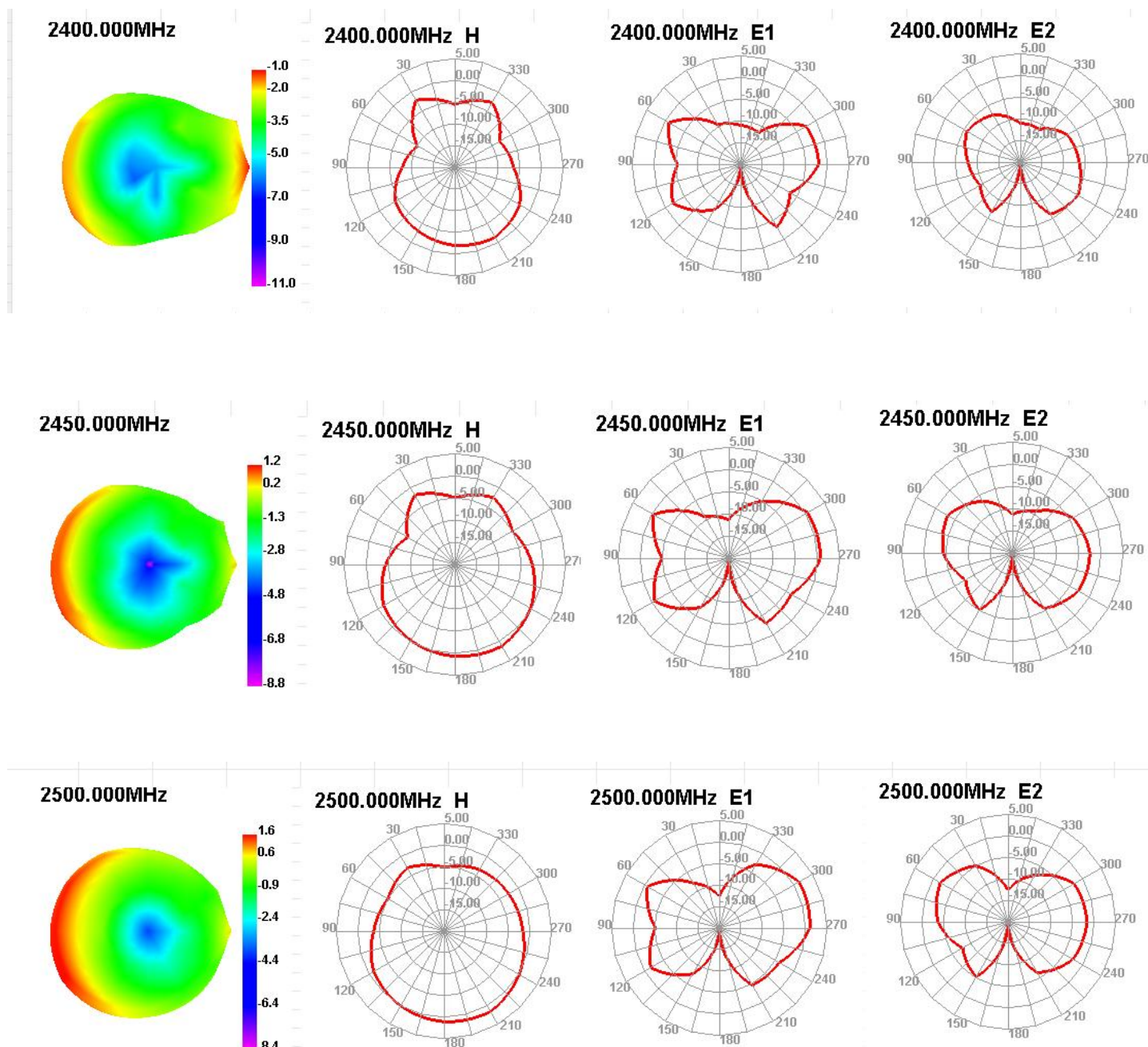
Freq (MHz)	Effi (%)	Gain (dBi)
2400	32.58	-0.95
2410	35.52	-0.77
2420	39.6	-0.26
2430	40.36	-0.07
2440	43.21	0.81
2450	43.8	1.22
2460	41.2	1.96
2470	46.01	2.19
2480	47.23	2.62
2490	43.65	1.67
2500	43.96	1.57

Apple Diagram Direction Map

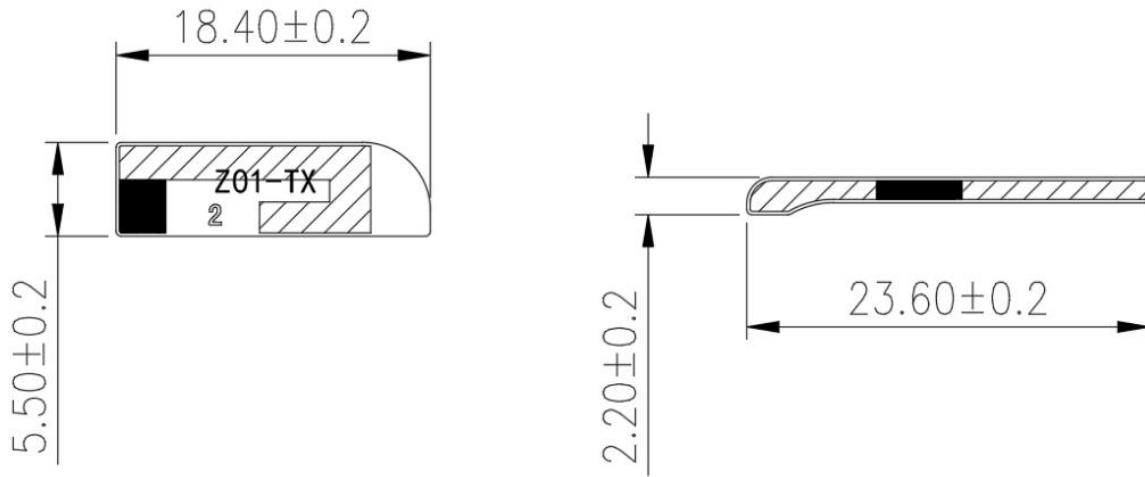
Z01 TX



RX



Antenna specifications



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!