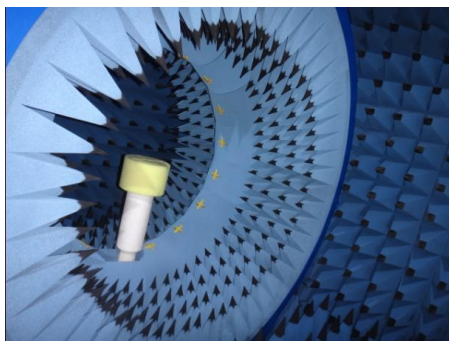
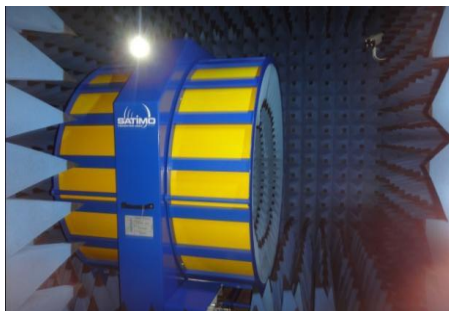


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2.4G 板载天线
2.4G onboard antenna
测试报告
Test report

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StarLab 3D Laboratory, originally imported from French SATIMO company, can accurately and quickly test TRP, TIS and other data of mobile phones, tablets and laptops, provide customers with antenna orientation and apple chart on the 3D radiation plane, and quickly test the efficiency and gain of GPS/WIFI/BT antenna. Active test range:

LTE-TDD/LTE-FDD/TD/EVDO/WCDMA/
GSM/CDMA2000/WIFI

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项目调试简介
Introduction to project debugging

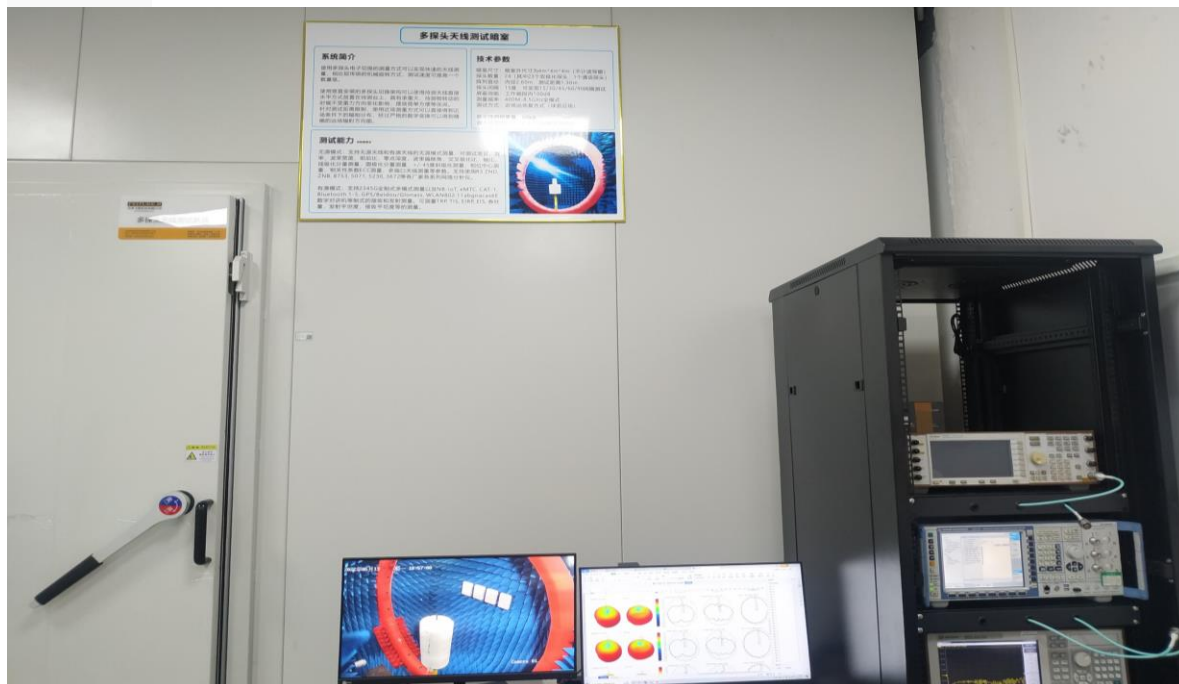
机型type	BLE 蓝牙遥控器 BLE Bluetooth remote control						
天线概况 Antenna profile	主天线 Main antenna	频段 Frequency band	天线状态 Antenna state	天线形式 Antenna form	设计区域 Design area	dBi	
		BT	2.4G	PCB	单极monopole		0
样机状态 Prototype status	调试机 Debug machine	环境处理 Environmental treatment					

报告版本提要
Report version summary

版本 versions	日期 date	内容概况 Content details
V1	2024/07/02	样机调试报告 Prototype commissioning report
V2		
V3		
V4		
V5		

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实验装置 experimental facility



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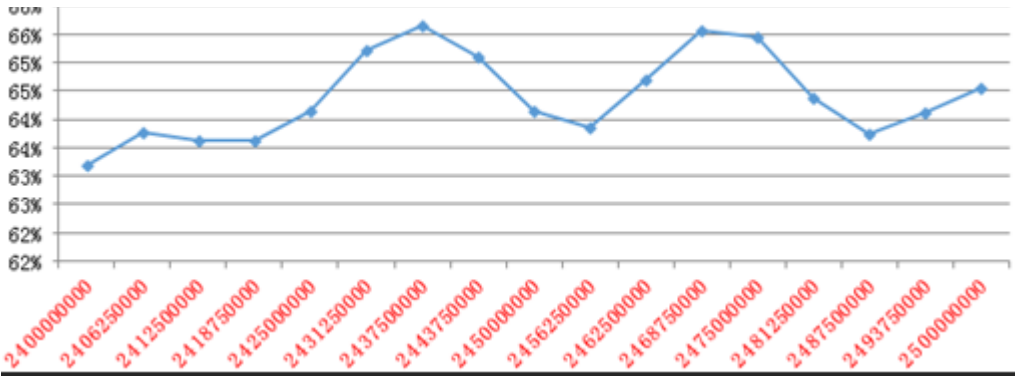
多探头射频天线测试系统 Multi probe RF antenna test system



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天线效率和峰值增益 (MAX) Antenna efficiency and peak gain (MAX)

2.4G 效率%



Antenna gain:0dBi

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2400000000	63%	-1.992708947
2406250000	64%	-1.953842251
2412500000	64%	-1.963888959
2418750000	64%	-1.963450762
2425000000	64%	-1.927586413
2431250000	65%	-1.855643208
2437500000	66%	0.0000
2443750000	65%	-1.863670298
2450000000	64%	-1.929048186
2456250000	64%	-1.948333399
2462500000	65%	-1.891709988
2468750000	66%	-1.832944052
2475000000	65%	-1.841336517
2481250000	64%	-1.913629951
2487500000	64%	-1.955124394
2493750000	64%	-1.929466876
2500000000	65%	-1.901553173

无源驻波 Passive standing wave



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天线装配问题 Antenna assembly problem

天线辐射范围内，需要保持净空，不可有金属屏蔽等结构件。

In the radiation range of the antenna, it is necessary to maintain headroom and do not have structural parts such as metal shielding.

