

产品规格书

客户名称：六联

产品名称：JM24-MAIN-成品

客户料号：

睿翔料号：F211M2412191000

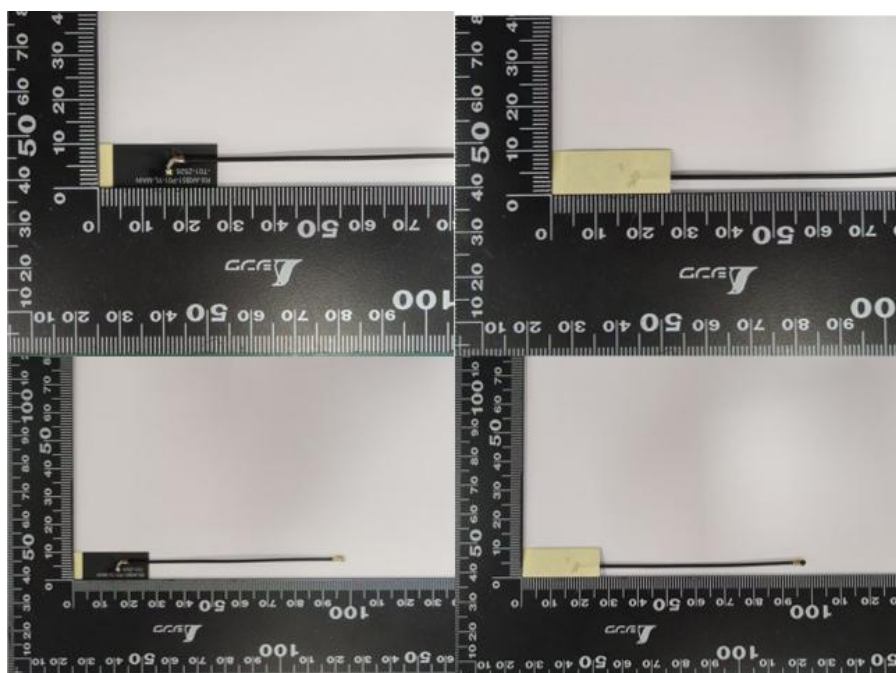
版本：T01

核准	审核	编制
Gavin.shi	Bo.li	Shaoyu.zhu
2025.07.01	2025.07.01	2025.07.01

1.天线规格

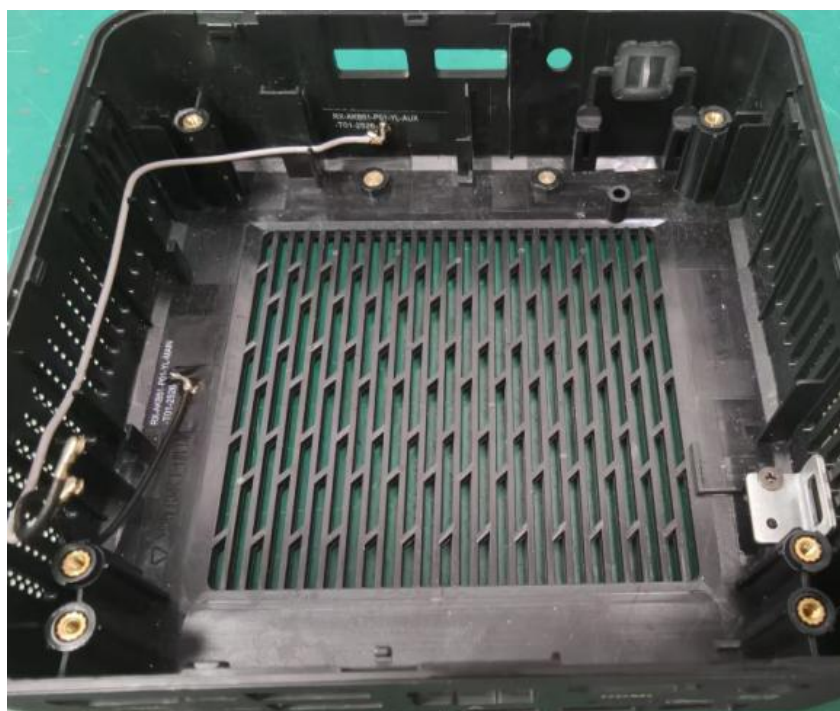
Antenna Type	WLAN Antenna
Frequency	2400MHz~2500MHz 5150MHz~5850MHz 5925Hz~7125MHz
VSWR	3.0 Max
Impedance	50Ω
Polarization	Linear
Radiation pattern	Omni-directional
天线尺寸 (mm)	24mm*9.8mm*0.15mm
Connector	康硕四代端子
Cable Type	WLAN Main 1.13.LL, L= 70mm 黑色
工作温度 (℃)	-20~65
存储温度 (℃)	-20~85

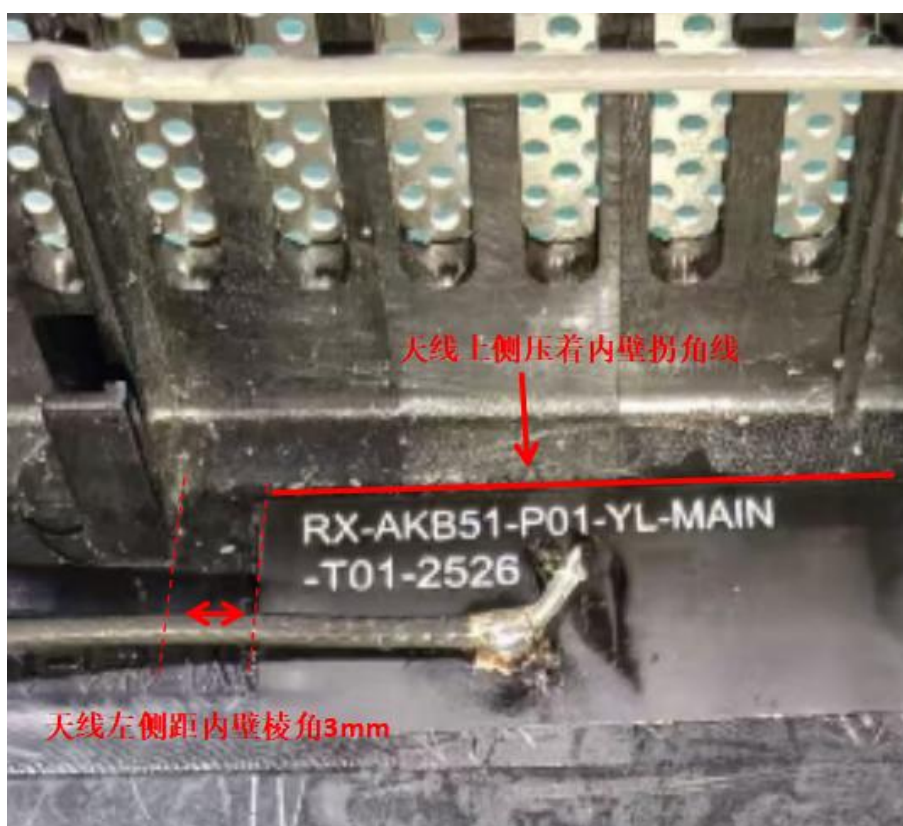
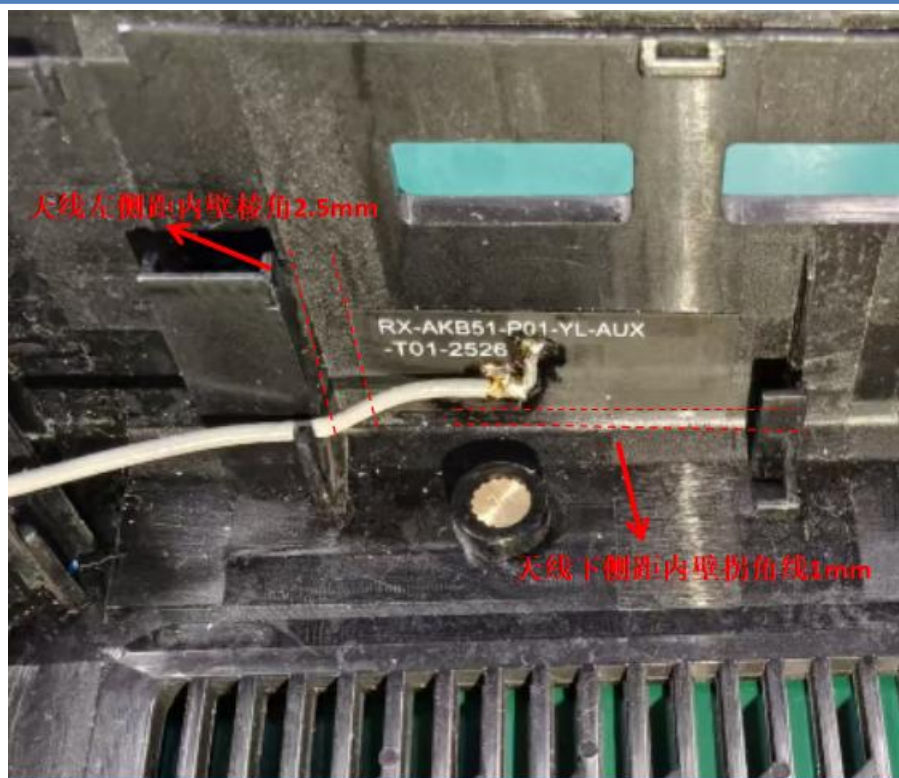
2.天线照片



3.治具布局

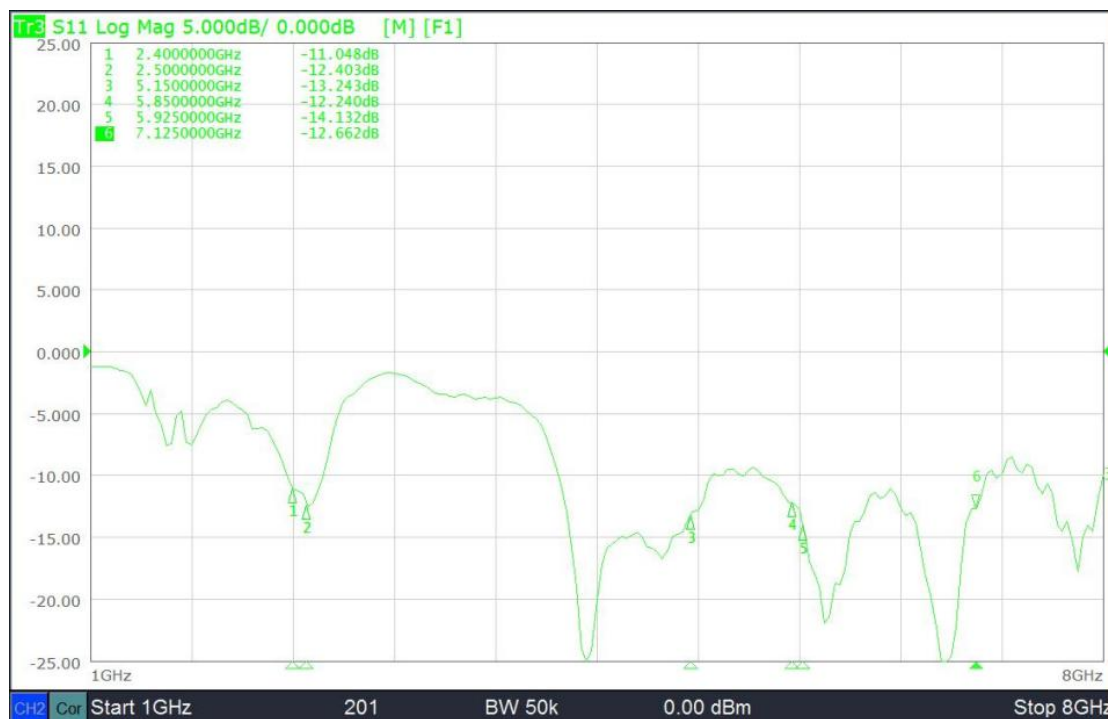






4. 天线 S11 (VSWR/Return loss)

Return loss 测试装置依次连接为：E5071B 网络分析仪→50 欧姆的同轴 Cable→测试治具

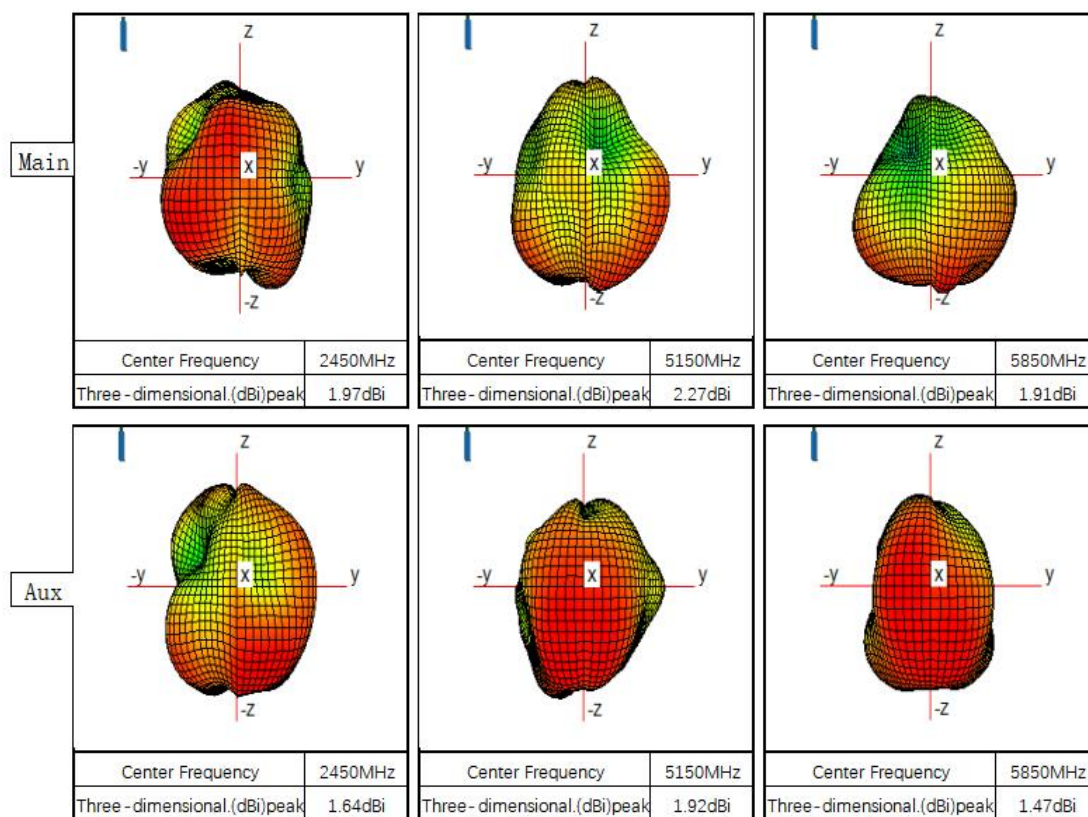


5. 天线效率

Frequency (MHz)	Efficiency (dB)
2400	-4.19
2420	-4.11
2440	-4.13
2460	-3.81
2480	-3.87
2500	-4.12
5150	-3.94
5250	-4.09
5350	-4.18
5450	-4.23
5550	-4.30
5650	-4.22
5750	-4.11
5850	-4.03

Frequency (MHz)	Efficiency (dB)
5950	-4.11
6050	-3.83
6150	-3.45
6250	-3.78
6350	-4.01
6450	-4.16
6550	-3.87
6650	-4.32
6750	-3.54
6850	-3.41
6950	-3.66
7050	-3.91
7150	-4.23

6.3D 场型图



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