

承 认 书

SPECIFICATION FOR APPROVAL

(Version: A01)

客户名称

CUSTOMER NAME: 东莞精恒电子有限公司 Dongguan Jingheng Electronics Co., Ltd

产品名称

PRODUCT NAME: 1.9G天线 (1.9G antenna)

产品型号

PRODUCT MODEL: TLB-1900-JWY120

客户料号

CUSTOMER P/N: HF00160

康捷料号

KTECH P/N:

版本日期

VERSION DATE: 2023/12/14

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Sign(客户确认签字盖章): _____

SHENZHEN KTECH TELECOM TECH. CO., LTD			
LISTER	ME CHECKED	RF CHECKED	MANAGER CHECKED
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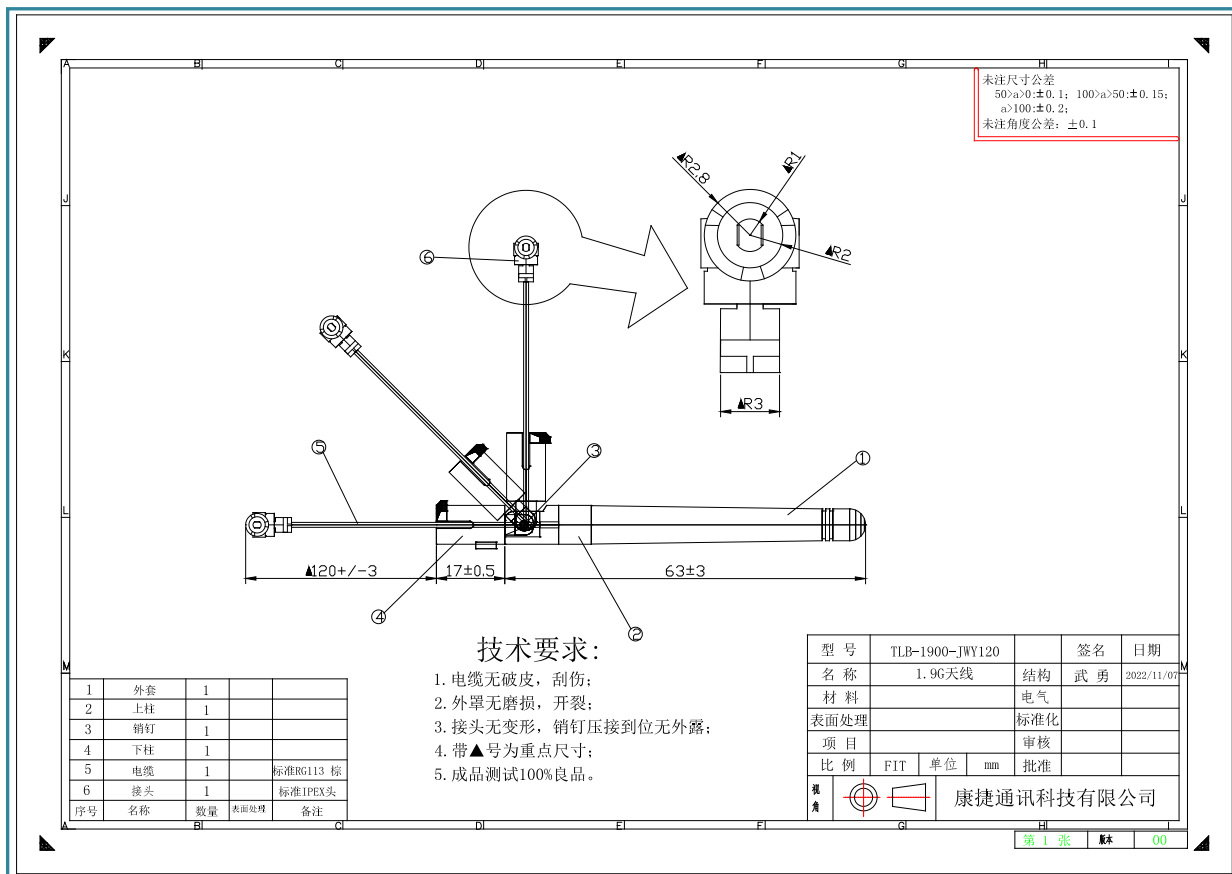
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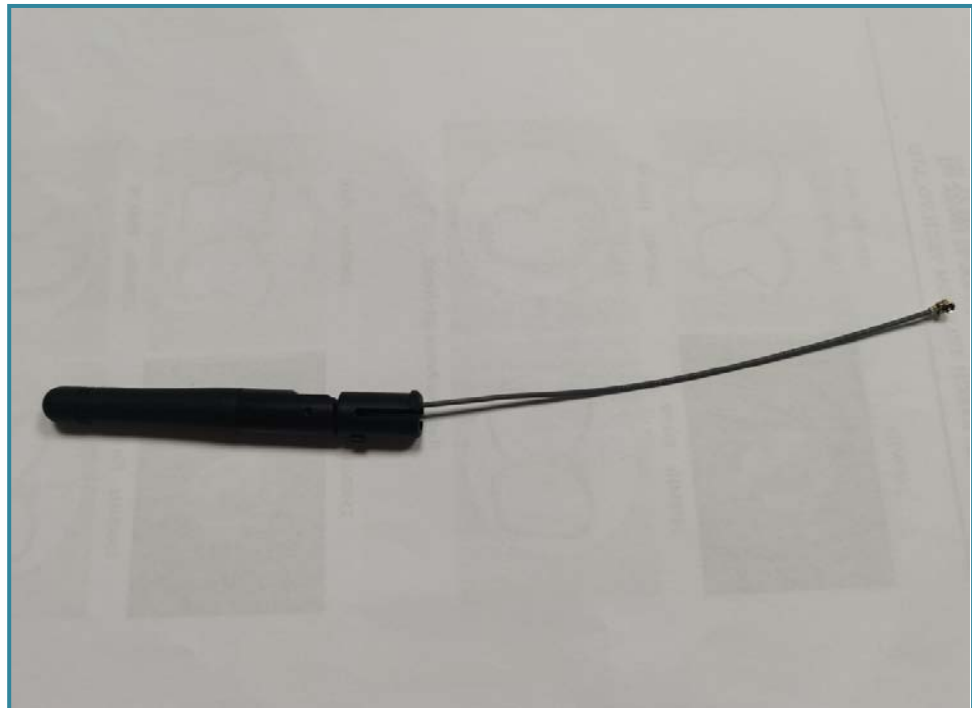
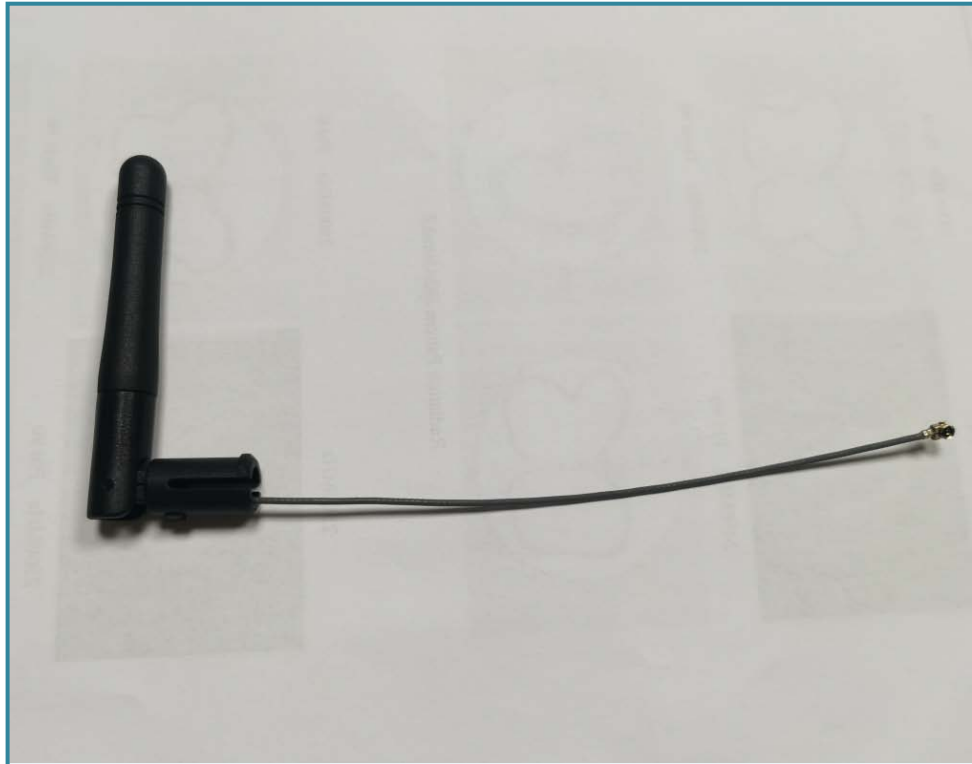
3.产品图面

Project Chart



4.产品实物图

Project Chart



5.产 品 主 要 技 术 参 数

Electrical Performance Index

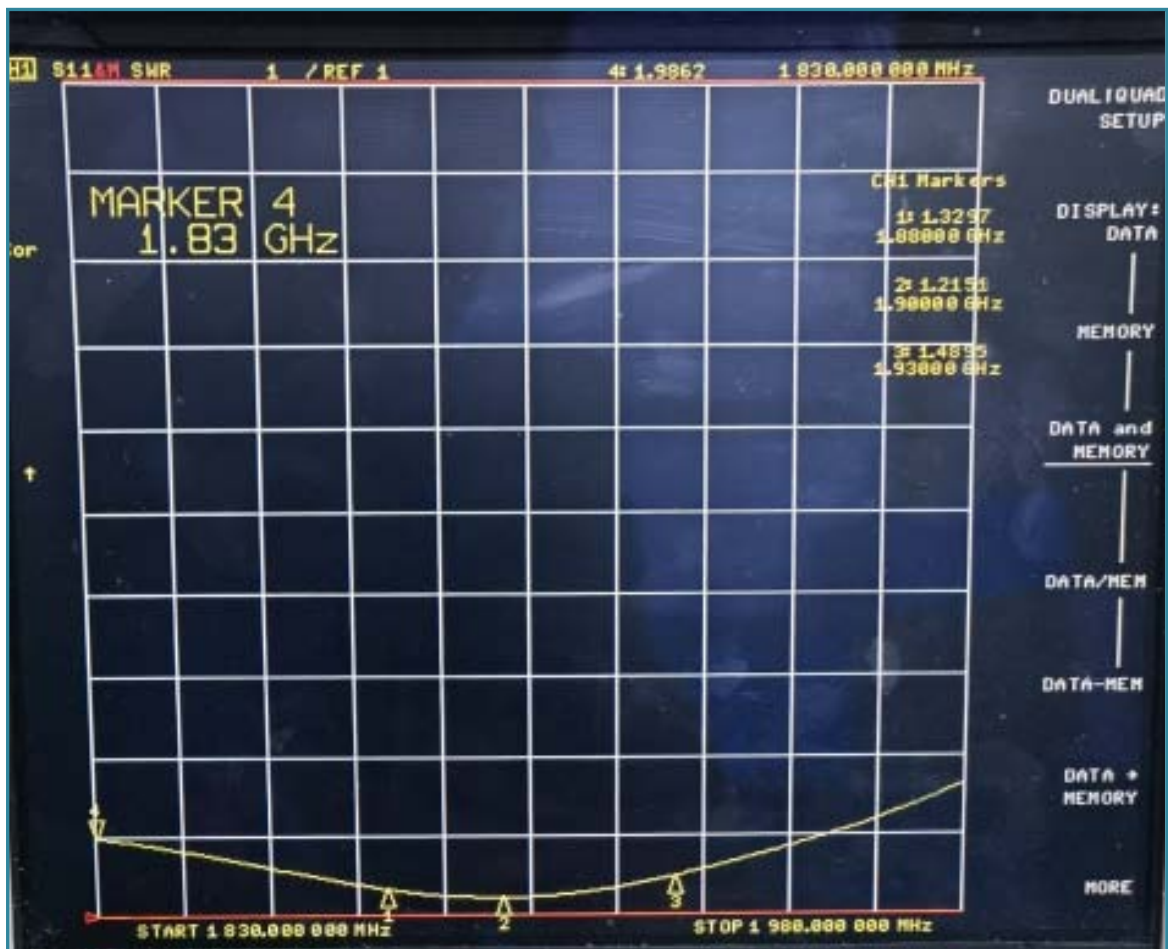
型 号	TLB-1900-JWY120	Model	TLB-1900-JWY120
主要技术指标		Main Technical Specifications	
射频参数 RF parameters			
频率范围（MHz）	1880-1930	Frequency Range（MHz）	1880-1930
频带宽度（MHz）	50	Bandwidth（MHz）	50
电压驻波比	≤2.5	VSWR	≤2.5
增益（dBi）	2	Gain（dBi）	2
最大功率（W）	50	Max Input power（W）	50
输入阻抗（Ω）	50	Input Impedance（Ω）	50
极化形式	垂直极化	Polarization	Vertical
机械参数 Mechanical parameters			
电缆长度（mm）	120±3	Length（mm）	120±3
接口形式	IPEX	Connector Type	IPEX
环境参数 Environmental parameters			
工作温度	-30~60C°	Operation temperature	-30~60C°
储藏温度	-30~75C°	Store temperature	-30~75C°

6.测试数据

Reliability test report

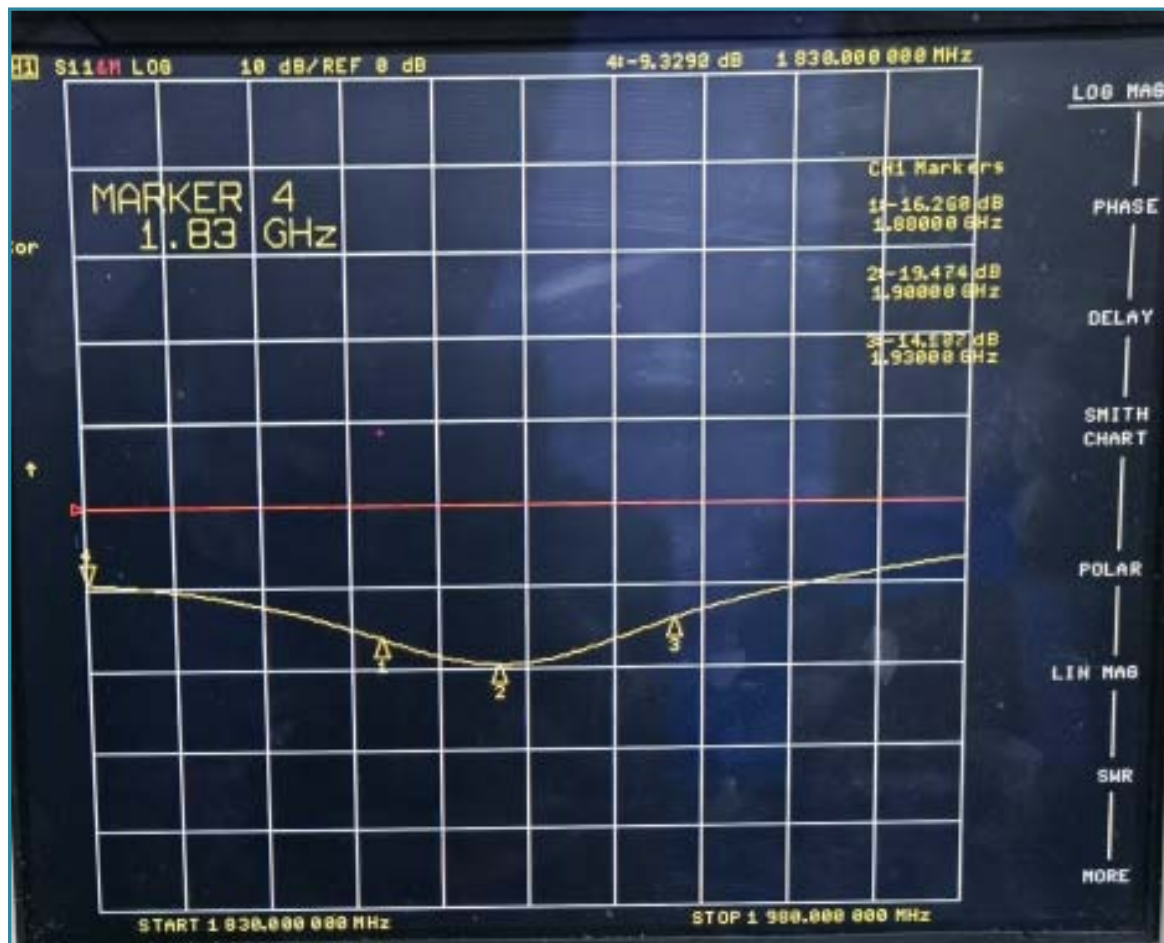
6.1 驻波图

Standing Wave Diagram



6.2 回损图

Return loss figure

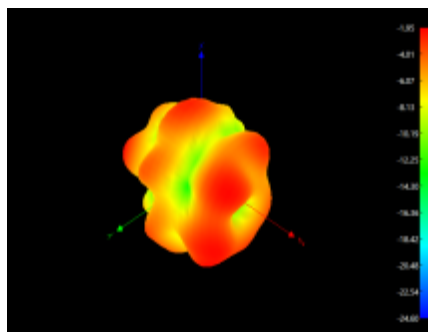


6.3 暗室测试项目-增益、效率、方向图

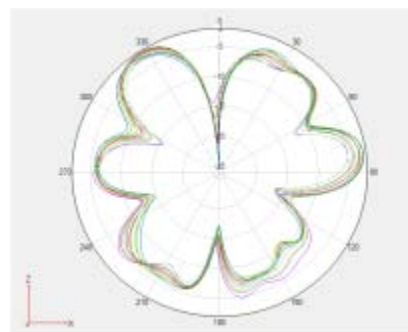
Microwave Anechoic Chamber Test Project-Gain、Efficiency、Directions

Frequency (MHz)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dB)
1880	6.21	-6.21	23.93	-0.87
1900	6.33	-6.28	23.55	-0.63
1930	6.45	-6.08	24.66	-0.32

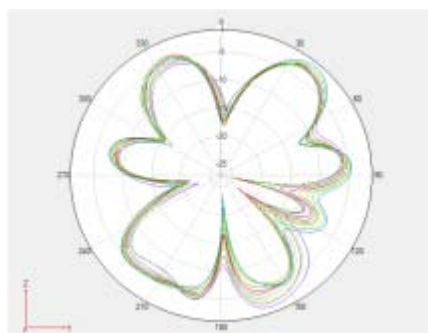
1880MHz



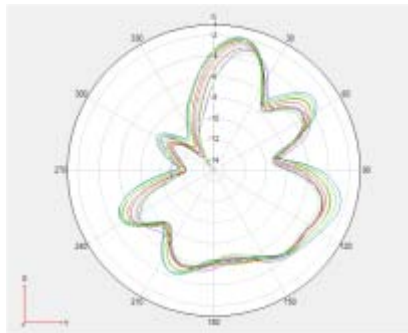
1880MHz Phi 0



1880MHz Phi 90

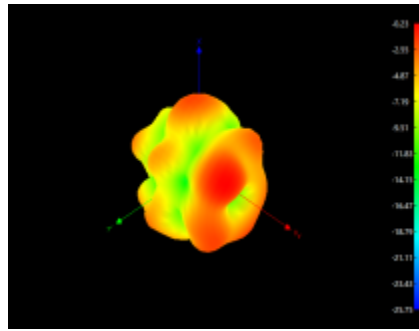


1880MHz Theta 90

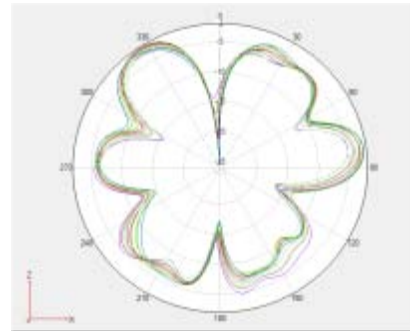


Radiation Pattern @1880mhZ

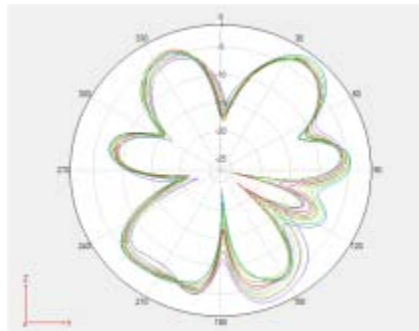
1900MHz



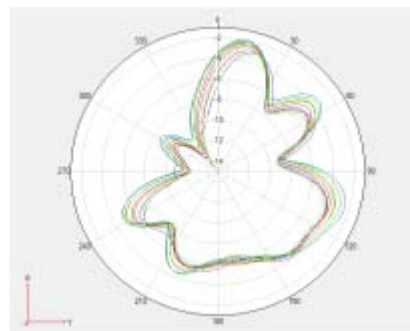
1900MHz Phi 0



1900MHz Phi 90

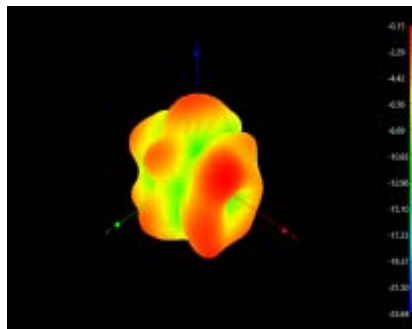


1900MHz Theta 90

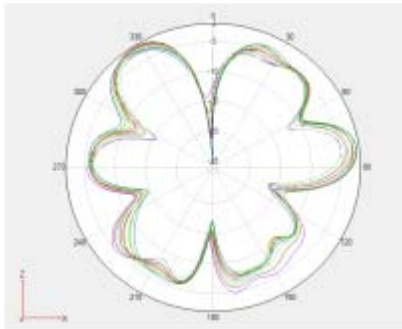


Radiation Pattern @1900mhZ

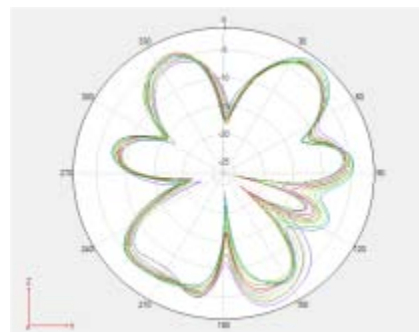
1930MHz



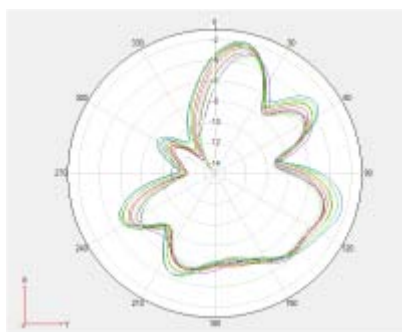
1930MHz Phi 0



1930MHz Phi 90



1930MHz Theta 90



Radiation Pattern @1930mhZ

6.4 天线测试环境及设备

Antenna test environment and equipment

