

 KEP 深圳市启鹏天辰科技有限公司					
承认书封面 APPROVAL SHEET					
产品描述	生产厂商 Vendor:	云希科技		型号规格/版本 Description:	
	产品名称 Product Name:	WIFI天线		项目名称 Project:	M10L
	物料编码:	F1034C-1L24B-115-A			
附件: Attachments	☐ 样品 Sample ☐ 规格书 Spec ☐ 可靠性测试报告 Reliability Report ☐ 工程图面 Drawing ☐ 重点尺寸报告 FAI Report ☐ 材质证明书 Material Verification Sheet ☐ 包装方式 Packing Content ☐ 安规报告 Safety Report				
供应商签核 Vendor	拟制: Design		审核: Audit:	批准: Approval:	刘志军
品质确认栏 Quality Check	检查: Check		审核: Audit:	批准: Approval:	
项目确认栏 Project approval	检查: Check:		审核: Audit:	批准: Approval:	
分发部门: Distribute	☐ 供应商 ☐ 质量 ☐ 工程 ☐ 外协厂 ☐ 研发 ☐ 文控 ☐ 客户 ☐ 其他 _____				
备注: Remark					

Contents

Antenna specification for approval cover	1
Contents.....	2
Antenna performance SPEC overview	3
Match the circuit diagram, antenna images.....	3-4
VSWR 、 Efficiency.....	4-6
Structural drawings.....	7

This approval sheet supports for MID project. FPC antennas include in this project. This report is for the performance of WIFI antenna.

- Antenna shape size: Meet the requirement of MID project
- Antenna band: 2400MHz~2500MHz
- Antenna material: Antenna material meet the requirement of MID
- Adhesive performance: Adhesive performance meet the requirement of MID

Antenna performance SPEC overview

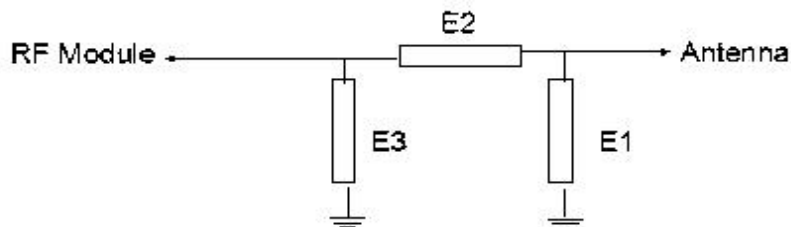
Description	2.4GHz~2.5GHz	Units
VSWR	≤ 2.0	
Average Antenna Gain	≥ -4.5	dB
Antenna Efficiency	≥ 20	%
Feed Impedance	50 ohms	
Operating Temperature	-40 to +85 deg C	
Polarization / Azimuth	Linear / Omni-directional	

• Mechanical Information

Mechanical Dimension	
Cable Length	115mm/Black
Description	WIFI antenna
Material	FPC
Coaxial Cable	50Ohm/O.D.1.13mm
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

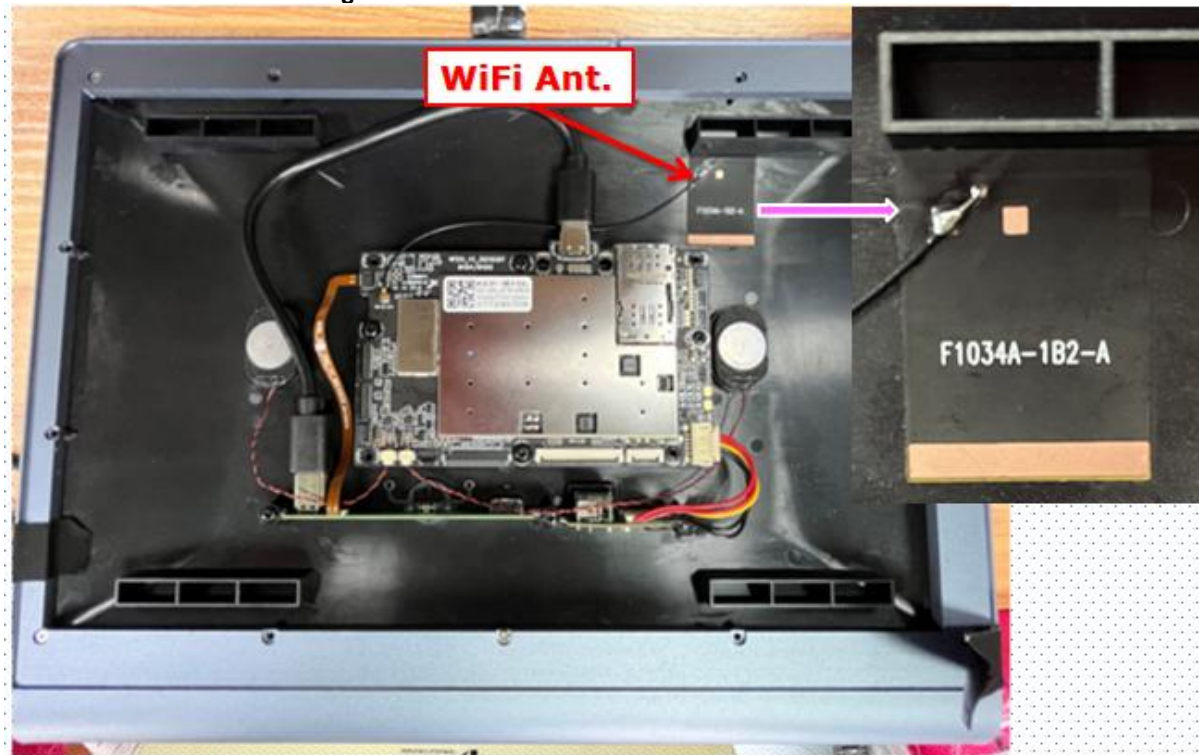
2:Match the circuit diagram, antenna images

2.1 Match the circuit diagram



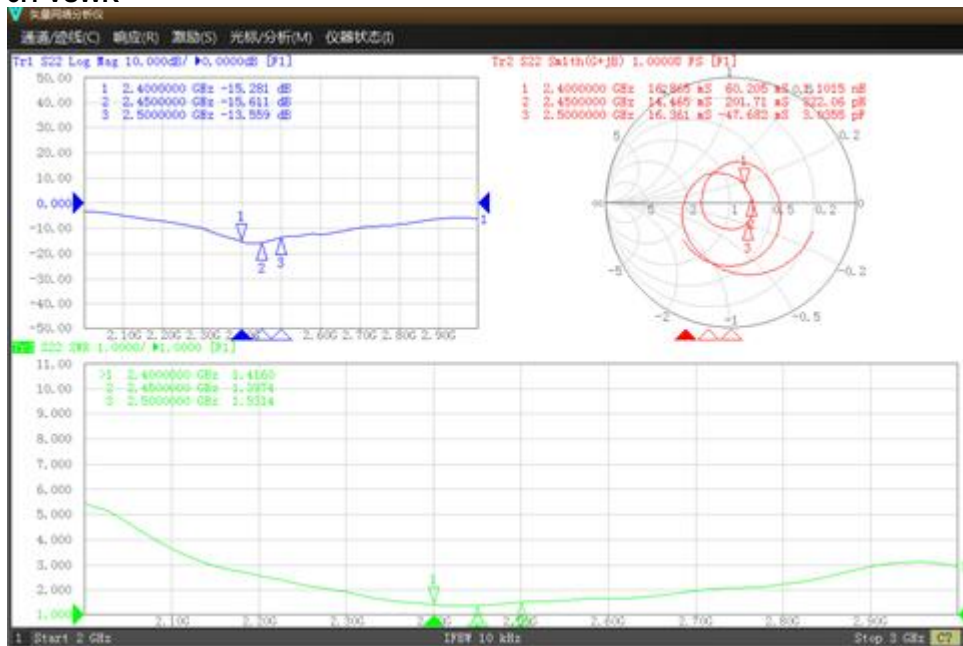
Our company did not modify the antenna matching

2.2 Machine and Antenna images



3: VSWR、Efficiency

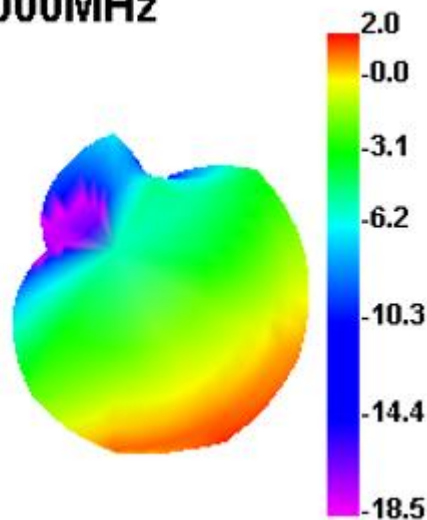
3.1 VSWR



3.2 Efficiency

Passive Test For WIFI			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	52.0	-2.8	2.0
2410	52.5	-2.8	2.0
2420	53.2	-2.7	2.1
2430	54.4	-2.6	2.2
2440	56.1	-2.5	2.5
2450	56.7	-2.5	2.0
2460	57.9	-2.4	2.1
2470	57.3	-2.4	2.1
2480	57.0	-2.4	1.9
2490	55.2	-2.6	2.0
2500	53.7	-2.7	2.2

2450.000MHz



WIFI					
Band	Channel	Data Rate	TRP	Data Rate	TIS
WIFI2.4G 802.11b	1	11Mbps	11.2	11Mbps	-77.4
	7		11.6		-78.2
	13		11.3		-77.9

4:Structural drawings

