

产品承认书

SPECIFICATION FOR APPROVED

客户

CUSTOMER: _____

产品名称

PRODUCTS: _____ FPC 天线

客户料号

PART NO: _____

产品型号

Spec. : _____ FM-S1965-V51

日期

Data: _____ 2023. 09. 19

供应商		
SUPPLIER		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY
马凡	夏兴喜	马冬冬

客户		
CUSTOMER		
承认 ACCEPTED BY	审核 CHECKED BY	批准 APPROVED BY

备注：承认盖章后请回复一份承认书（或复印件）给我司，其余由贵公司存档

REMARK: Please send us one(or copy) of this approval with stamp after accepting, other copies filed by the customer.

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ANTENNA SPECIFICATION

Revision history

版本	日期	状态
A1	2023-09-19	首版

变更内容content of change:

第一次变更First change:

变更前 before Change：（如有必要，请添加相应的图片，此处变更明细要描述清楚）
If necessary, please add the corresponding picture, the change details should be described clearly here

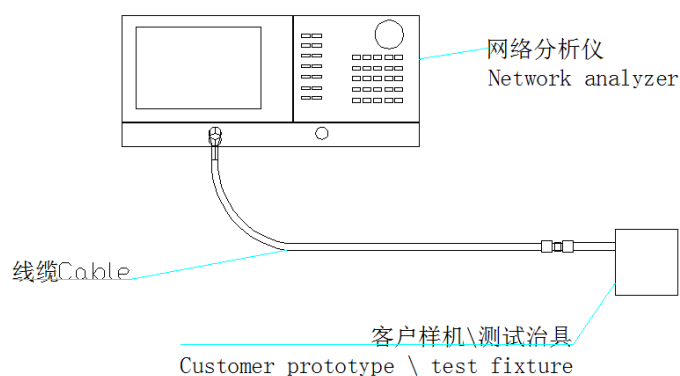
变更后after change：（如有必要，请添加相应的图片，此处变更明细要描述清楚）
If necessary, please add the corresponding picture, the change details should be described clearly here

2. 电气性能 Electrical Characteristics

2.1. 测试环境条件 Test Environment Conditions

温度 Temperature	Ordinary Temperature (5 to 35℃)
湿度 Humidity	Ordinary Humidity (25 to 85% RH)

2.2. 测试方法 Measurement method



2.2. 天线参数 Pictorial view

天线的主要参数 Main Technical Specifications		
阻抗 (Ω) Impendence	极化方式 Polarization mode	匹配网络 Matching network
50	线极化 Line polarization	π 型

3. 备注 Notes

- 1、安装时注意不能离金属部分太近，以避免影响天线性能。
 - 2、此款天线只适用此机型，天线的位置不可以随意改动，若用于其它机器上导致效果变差，与我司无关。
1. When installing, do not be too close to the metal part to avoid affecting the antenna performance.
2. this antenna is only applicable to this model, the position of the antenna can not be changed at will, if used on other machines lead to poor effect, it has nothing to do with our company

4. 产品包装规范 Product packaging specification

产品名称:FPC 天线

Product name :FPC antenna

天线形式: FPC+屏蔽线

Antenna form: FPC+ shielded wire

一、标签要求

制造商 manufacturer	深圳市飞敏科技有限公司 Shenzhen Feimin Technology Co., LTD
地址 Address	中国 广东 深圳 宝安区西乡街道固戍社区恒南一路C栋厂房 Building C, Hengnan 1st Road, Gushu Community, Xixiang Street, Baoan District, Shenzhen, Guangdong, China
产品名称 Name	*****
规格型号 Model	*****
数量 Qty	***PCS

二、装箱流程 Packing process

作业说明job description:

1. 产品___PCS 用 PE 开口袋装好, 每小袋贴好内标签;

将___小袋装入大 PE 封口胶带袋中, 尾数及备品除外。

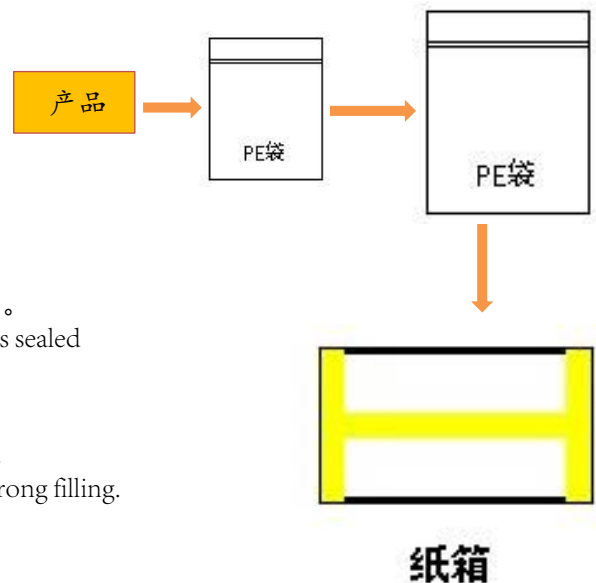
The product ___PCS is packed in PE open bag, and each bag is affixed with the inner label; Put the ___ small bag into the large PE sealing tape bag, except for the rest and spare parts.

2. 每箱装___大袋产品, 将箱子用胶纸以“工”字形封箱。

Each box is packed with large bags of products, and the box is sealed with adhesive paper in the shape of "work".

3. 在箱子的右上角贴上外标签, 不可有漏填、填错现象。

Label the upper right corner of the box without missing or wrong filling.



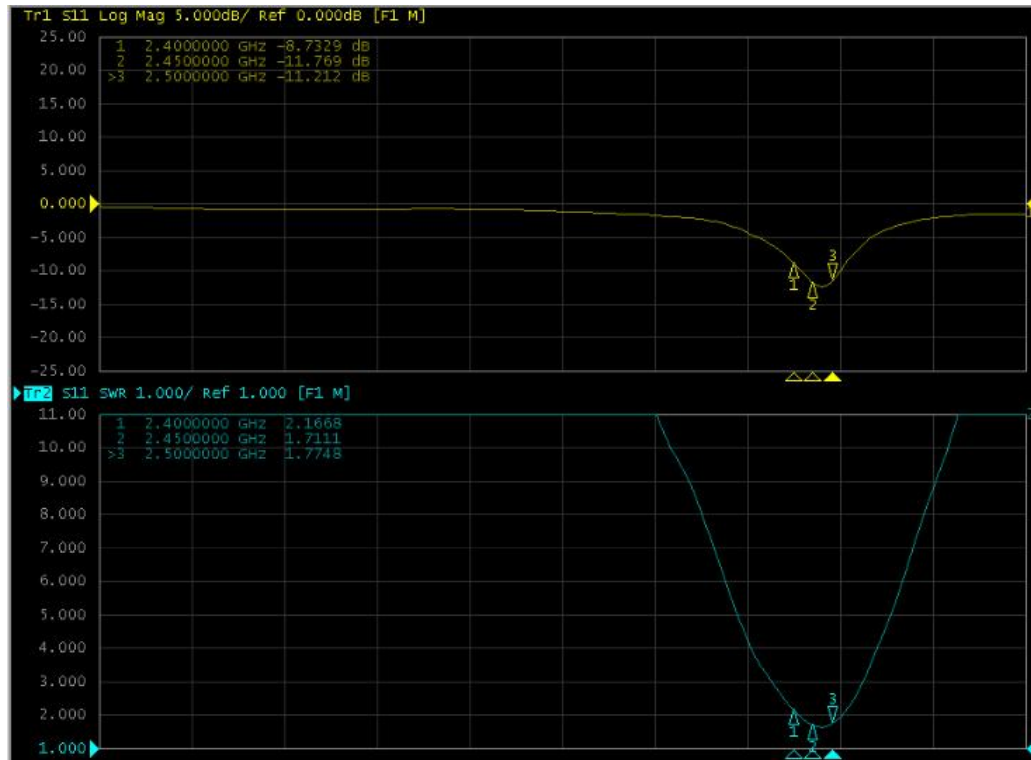
三、注意事项 announcements

装箱时要注意将天线平整放好, 封胶后不可出现严重晃动情况, 未填满整箱的情况需塞入泡棉填充, 避免运输过程中造成产品不良的情况。

When packing, pay attention to put the antenna in a flat position, do not have serious shaking after sealing, if the whole box is not filled, it needs to be filled with foam to avoid bad products during transportation.



Appendix B S11/VSWR

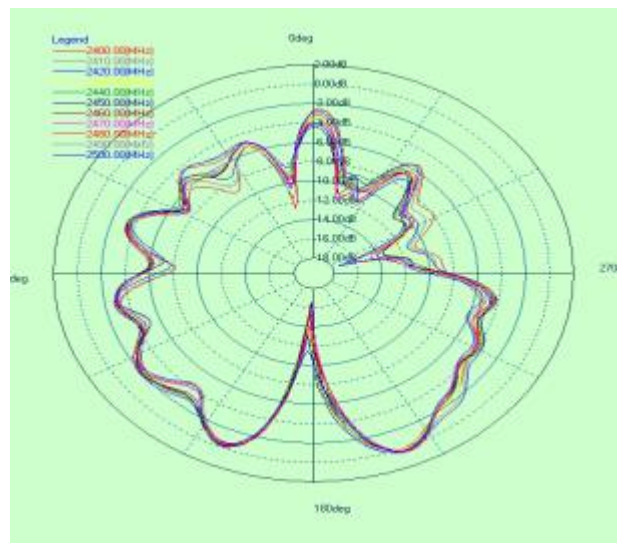


Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	-2.16	-1.71	-1.77

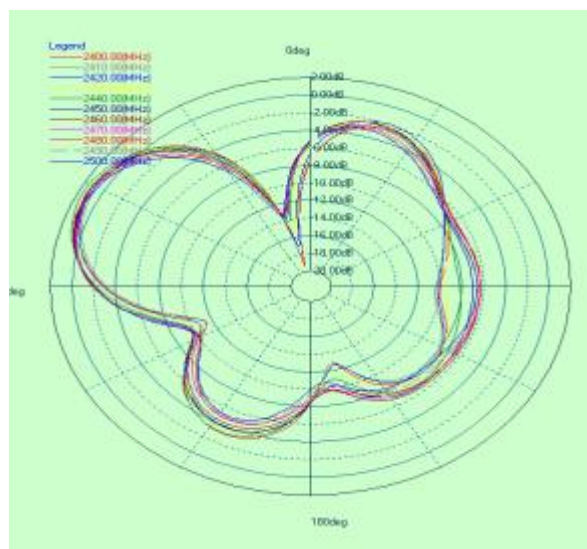
Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	52.29%	0.62
2410	52.17%	0.71
2420	53.14%	0.93
2430	54.16%	0.98
2440	57.62%	0.86
2450	59.64%	1.17
2460	61.55%	2.42
2470	60.64%	1.38
2480	62.86%	0.15
2490	59.85%	0.30
2500	60.41%	0.49

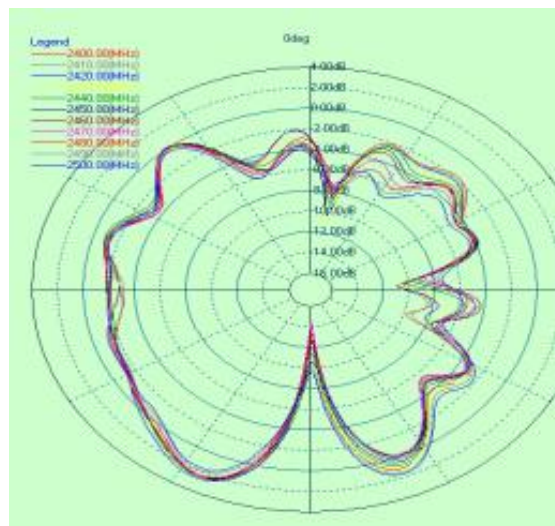
Appendix D Radiation Pattern(1D and 3D)



2400MHz

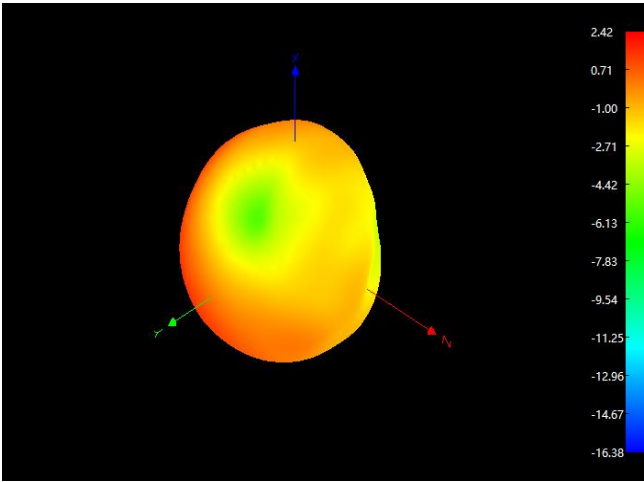


2450MHz

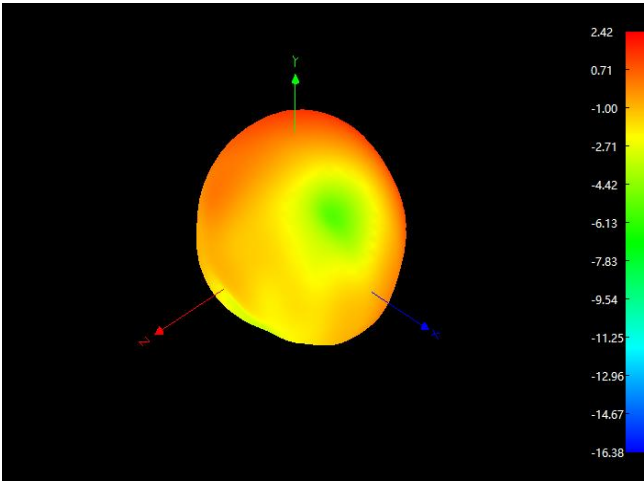


2500MHz

2400 MHz



2450 MHz



2500 MHz

