



# 深圳市飞敏科技有限公司

ShenZhen City FeiMin Technology CO.,LTD.

## 产品承认书

SPECIFICATION FOR APPROVED

客户

CUSTOMER: 深圳市晶华显示电子股份有限公司

产品名称

PRODUCTS: FPC 天线

客户料号

PART NO:

产品型号

Spec.: FM-S2160-887T206012N-B

日期

Data: 2024. 8. 20

| 供应商               |                  |                   |
|-------------------|------------------|-------------------|
| SUPPLIER          |                  |                   |
| 拟制<br>PREPARED BY | 审核<br>CHECKED BY | 批准<br>APPROVED BY |
| 马凡                | 夏兴喜              | 马冬冬               |

| 客户                |                  |                   |
|-------------------|------------------|-------------------|
| CUSTOMER          |                  |                   |
| 承认<br>ACCEPTED BY | 审核<br>CHECKED BY | 批准<br>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.

地址：深圳市宝安区西乡街道固戍社区恒南一路 C 栋厂房 303 室

ADD:Room 303,Building C,Hengnan one Road,Gushu community,Xixiang Street,Bao' an District,Shenzhen City

电话 Tel: 0755-23035723

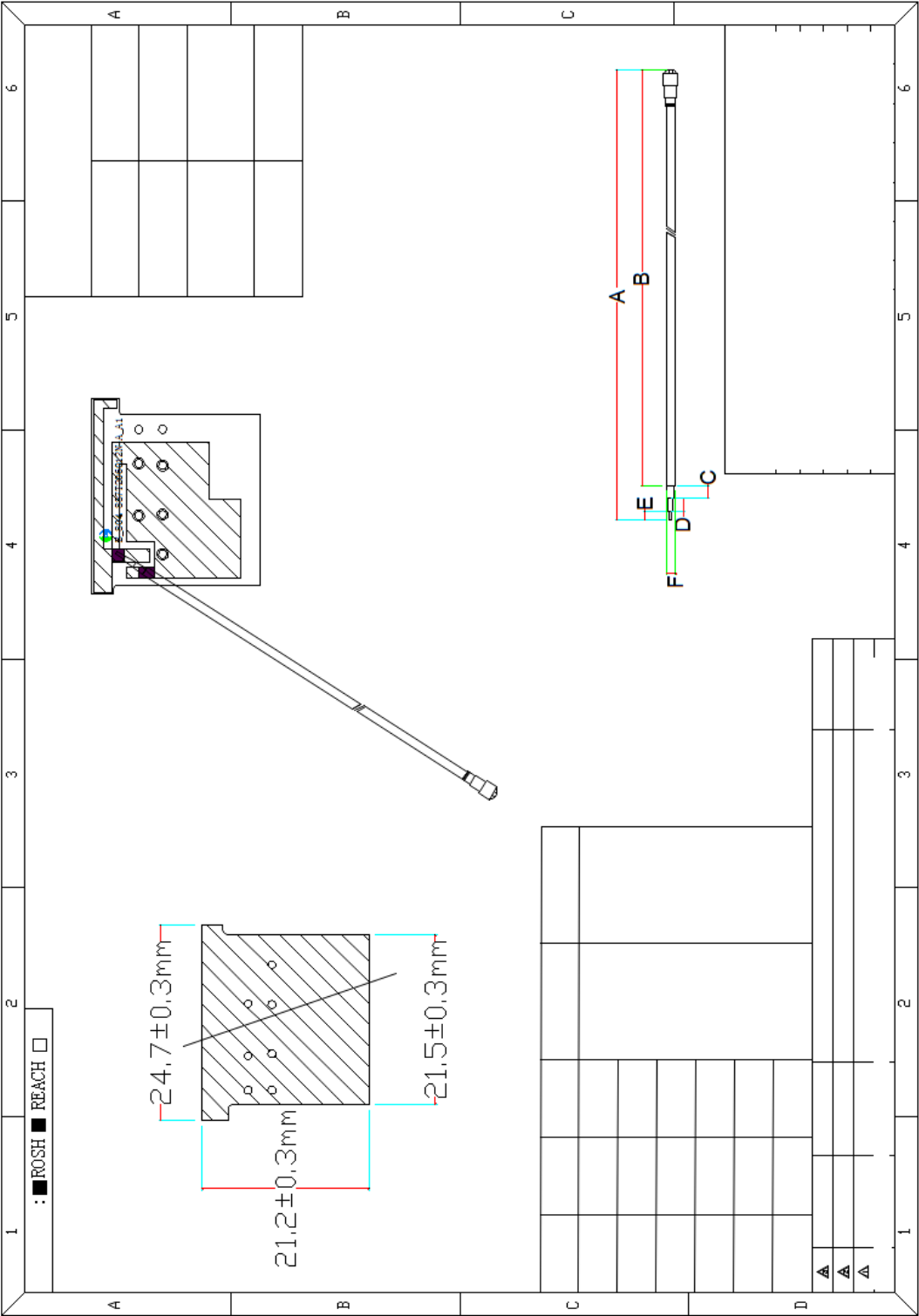
传真 Fax: 0755-23036702

邮箱 E-mail: ant001@fmant.cn

网址 HTTP:[www.fmant.cn](http://www.fmant.cn)

1. 项目信息 Project Information

1.1.外观尺寸 Appearance and Dimensions

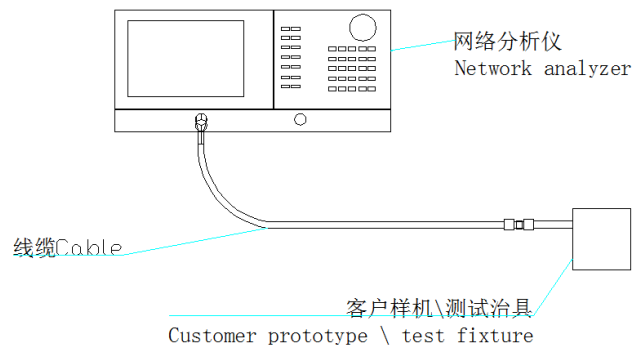


## 2. 电气性能 Electrical Characteristics

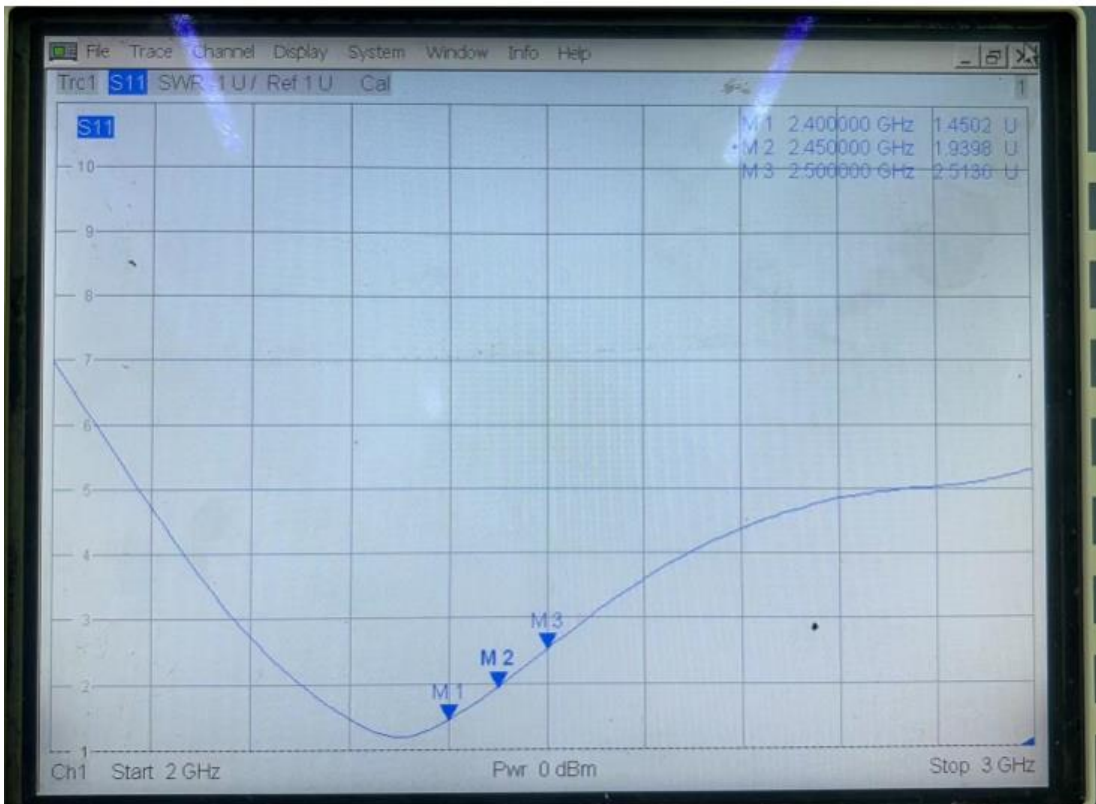
### 2.1.测试环境条件 Test Environment Conditions

|                |                                  |
|----------------|----------------------------------|
| 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

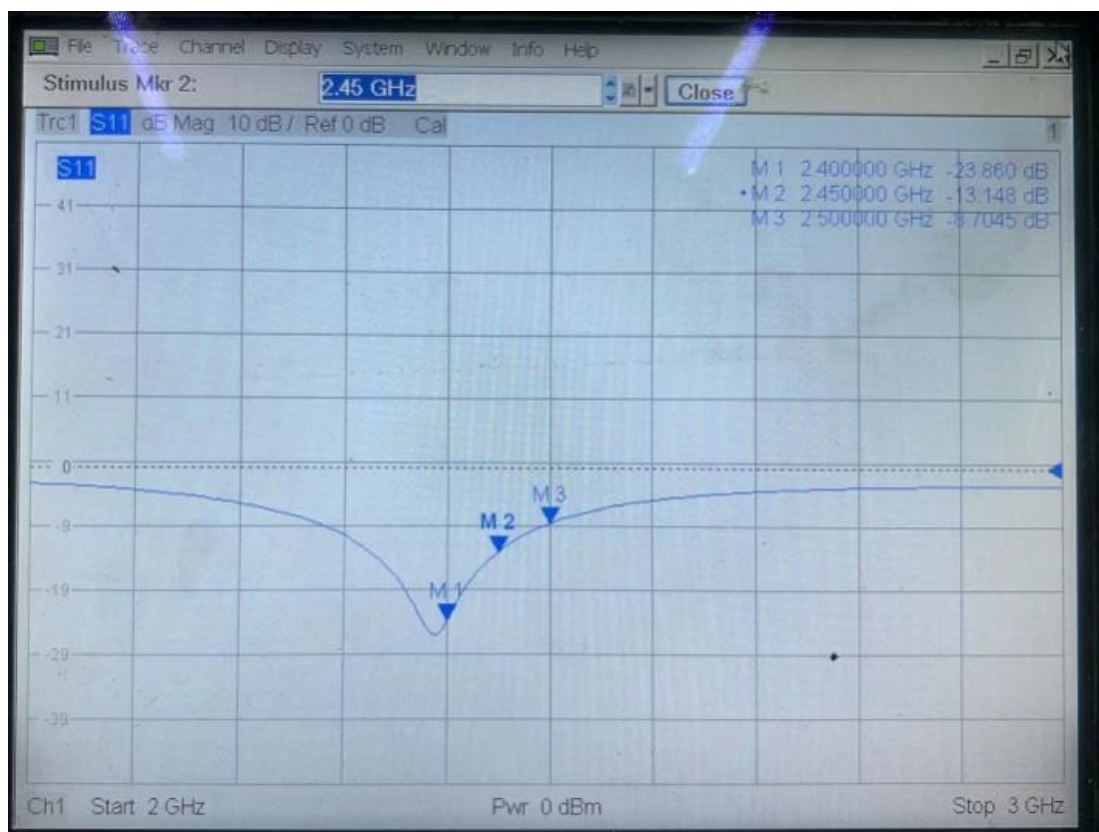


#### 2.2.1. 天线电压驻波比 Antenna VSWR



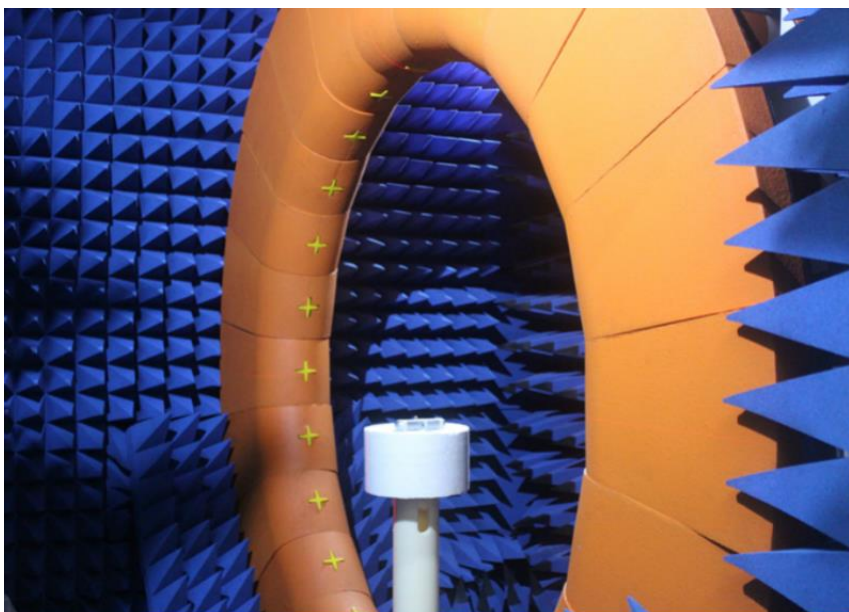
## ANTENNA SPECIFICATION

### 2.2.2. 天线回波损耗 Antenna Return loss



### 2.3. 天线无源测试数据 Antenna passive test data

#### 2.3.1. 测试系统 Test system



深圳市飞敏科技有限公司 (24 探头 OTA 微波暗室)



# ANTENNA SPECIFICATION

## 2.3.2 天线效率及增益 Antenna efficiency and gain

| Frequency (MHz) | Gain (dBi) | Efficiency (%) |
|-----------------|------------|----------------|
| 2400 MHz        | 2.84       | 48.82          |
| 2410 MHz        | 3.29       | 49.42          |
| 2420 MHz        | 3.44       | 50.82          |
| 2430 MHz        | 3.17       | 49.90          |
| 2440 MHz        | 3.51       | 49.28          |
| 2450 MHz        | 3.05       | 47.57          |
| 2460 MHz        | 2.77       | 46.43          |
| 2470 MHz        | 2.83       | 44.36          |
| 2480 MHz        | 2.73       | 43.24          |
| 2490 MHz        | 2.44       | 41.80          |
| 2500 MHz        | 2.57       | 39.91          |

## 2.3.2. 天线辐射方向图 Antenna Radiation Pattern

