



# 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: \_\_\_\_\_ ZHENGZHOU YSAIR TECHNOLOGY CO., LTD

产品名称

PRODUCTS: \_\_\_\_\_ 2.4GANT

客户料号

PART NO: \_\_\_\_\_

产品型号

Spec.: \_\_\_\_\_ FM-2199-2.4G

日期

Data: \_\_\_\_\_ 2023.05.05

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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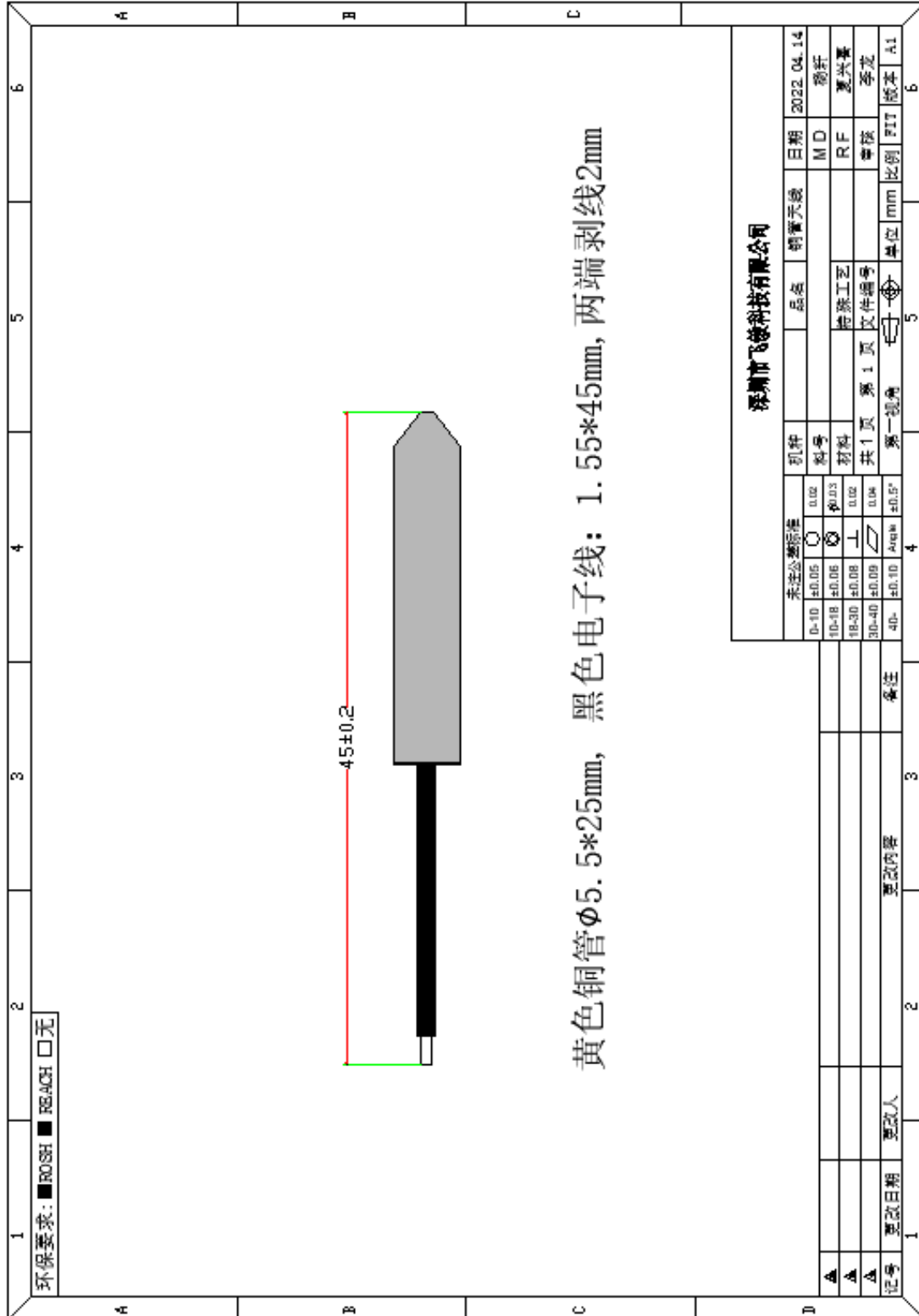
邮箱 E-mail: ant001@fmant.cn

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

# ANTENNA SPECIFICATION

## 1. 项目信息 Project Information

### 1.1. 外观尺寸 Appearance and Dimensions



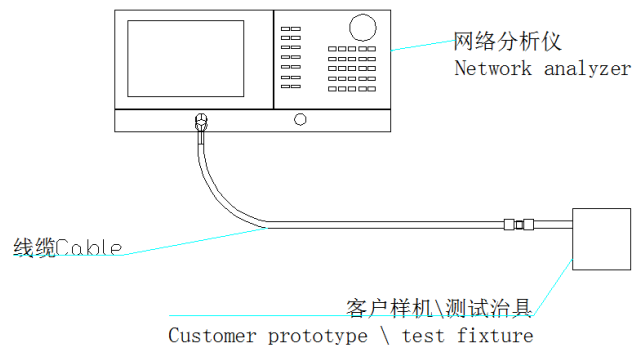
# ANTENNA SPECIFICATION

## 2. 电气性能 Electrical Characteristics

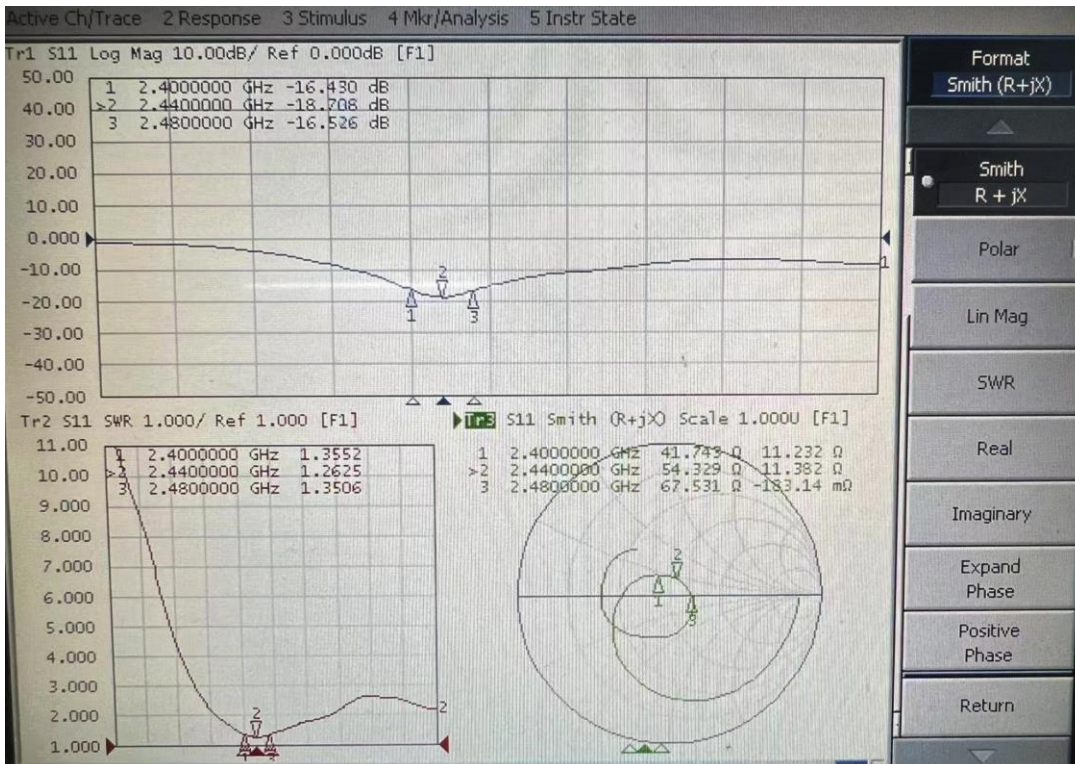
### 2.1. 测试环境条件 Test Environment Conditions

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

### 2.2. 测试方法 Measurement method



### 2.3. 天线驻波比、天线回波损耗、史密斯圆图 Antenna Return loss, Antenna SWR, Smith chart



# ANTENNA SPECIFICATION

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

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	1.5	33.49
2410 MHz	1.72	34.74
2420 MHz	2.32	38.13
2430 MHz	2.49	40.05
2440 MHz	2.34	40.41
2450 MHz	2.15	40.25
2460 MHz	1.98	40.79
2470 MHz	1.79	41.42
2480 MHz	1.61	41.52
2490 MHz	1.76	42.64
2500 MHz	1.87	42.93

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

