



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: 东莞金文华数码科技有限公司

产品名称

PRODUCTS: 2.4G 天线

客户料号

PART NO: 300-036304

产品型号

Spec.: FM-S788-F29

日期

Data: 2021. 11. 25

供应商		
SUPPLIER		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY
杨轩	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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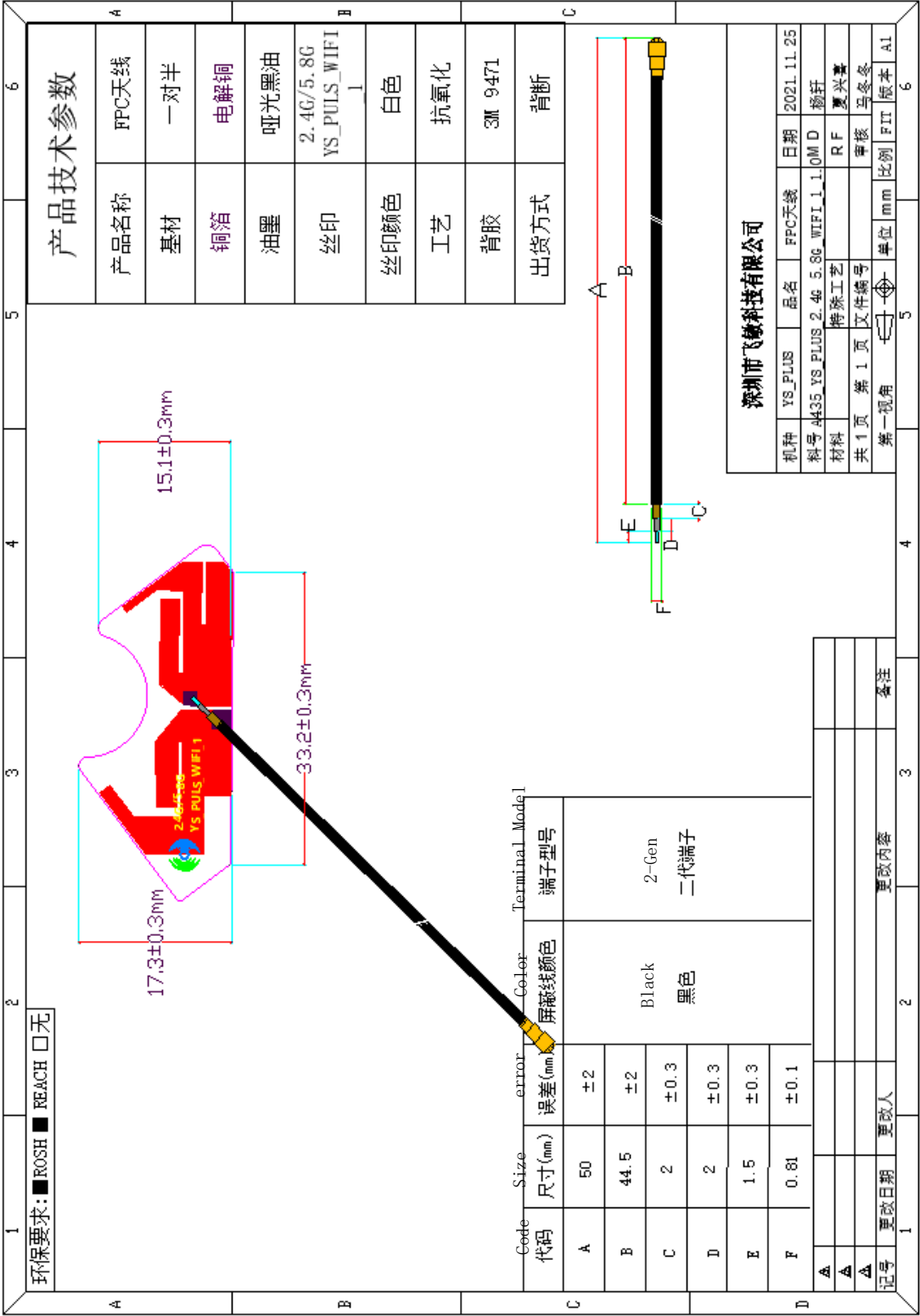
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Revision history

Version	Date	state
A1	2021-11-25	First edition

1. 项目信息 Project Information

1.1.外观尺寸 Appearance and Dimensions

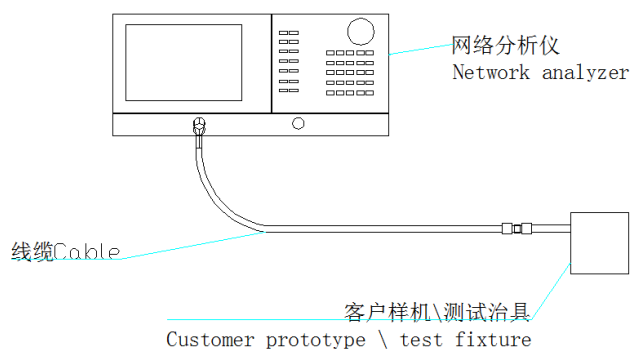


2. 电气性能 Electrical Characteristics

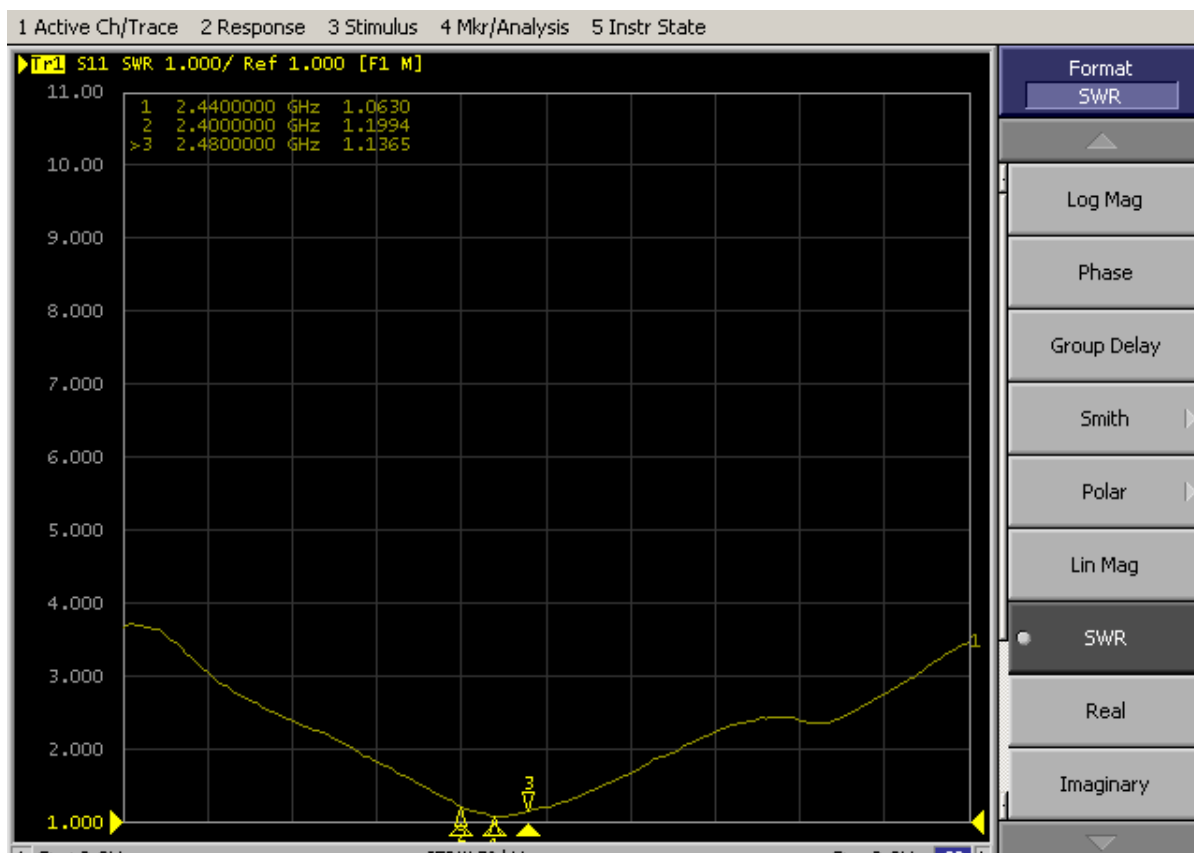
2.1.测试环境条件 Test Environment Conditions

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

2.2.测示方法 Measurement method

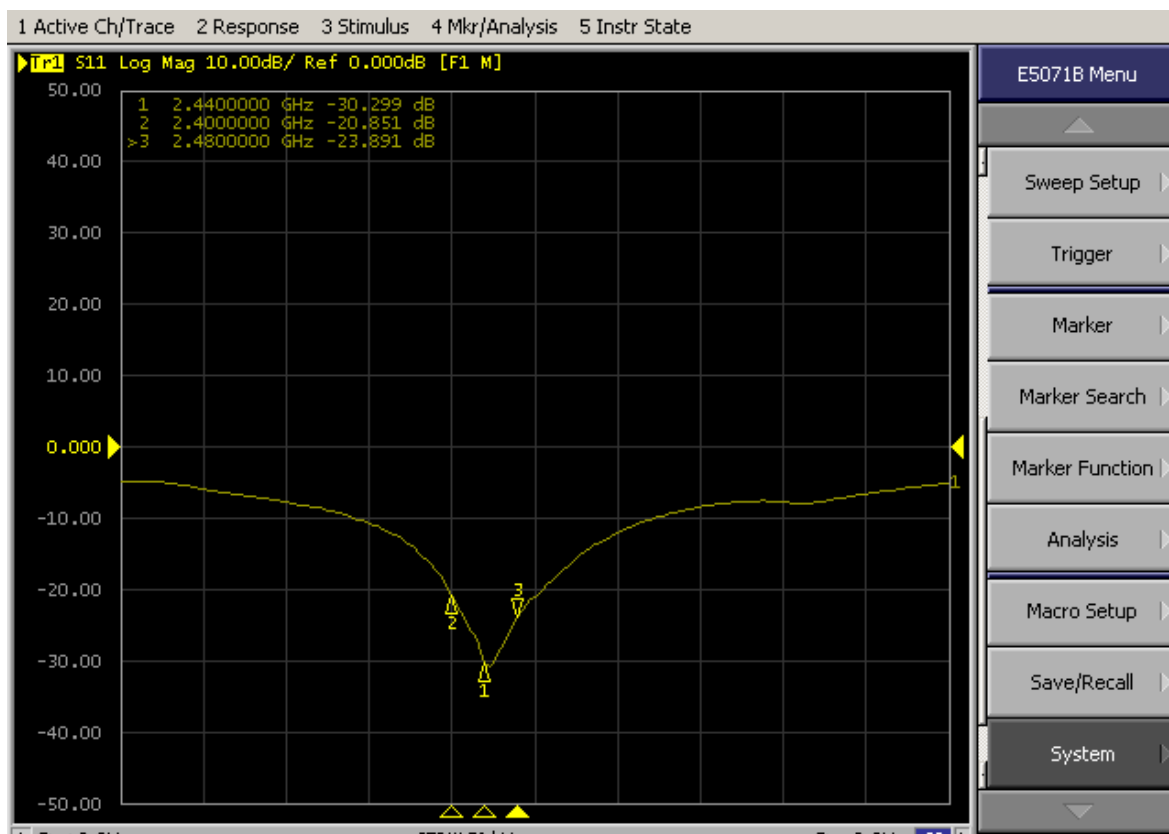


2.2.1. 天线电压驻波比 Antenna VSWR



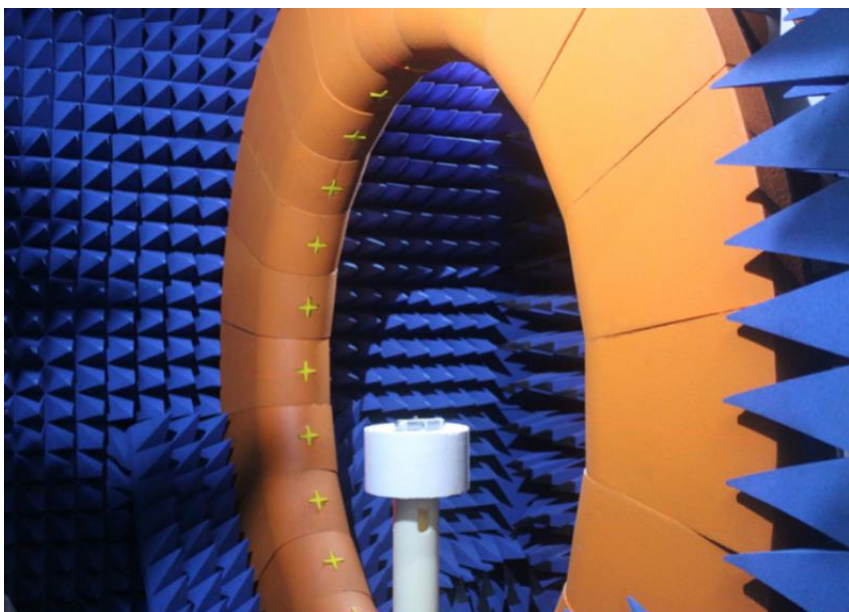
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2.2.2. 天线回波损耗 Antenna Return loss



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)
Shenzhen Feimin Technology Co.,Ltd (24 probe OTA microwave anechoic chamber)



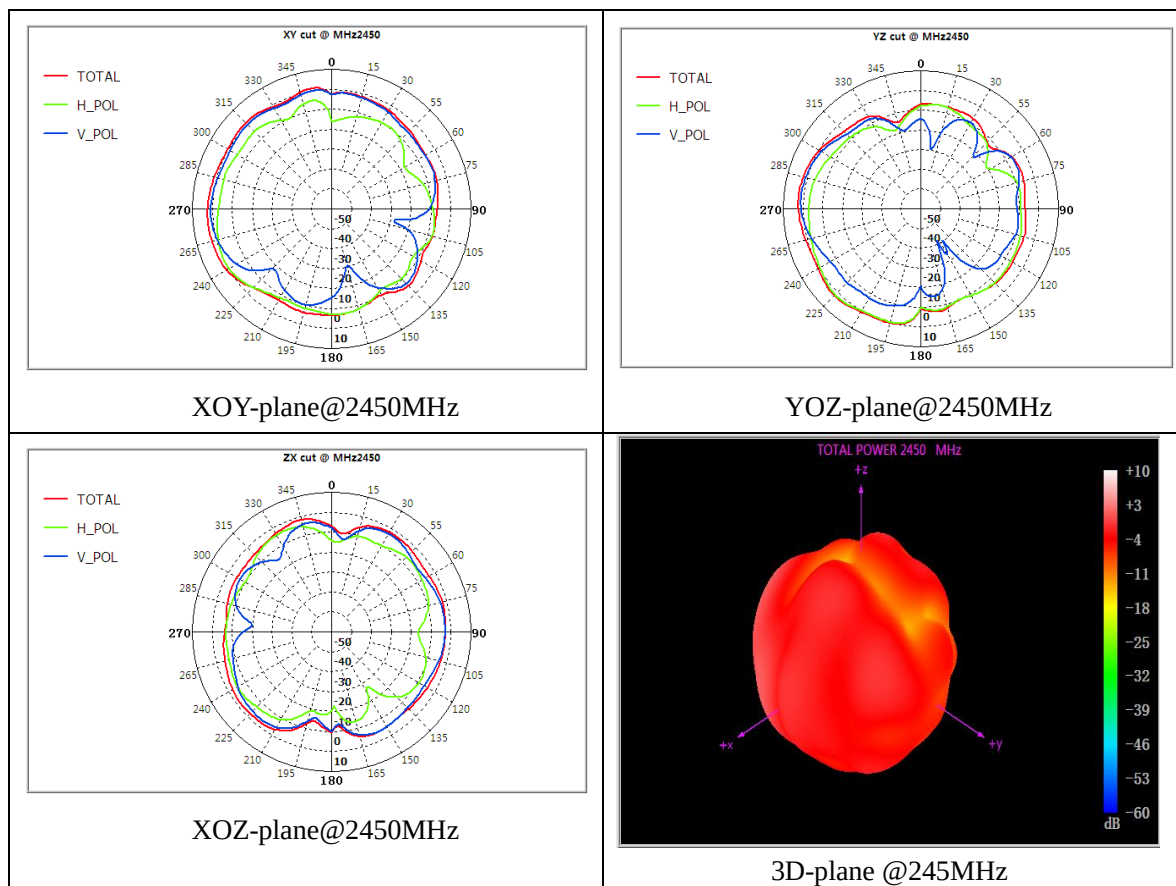
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2.3.2 天线效率及增益 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	2.13	52.3
2410 MHz	3.02	54.94
2420 MHz	2.01	53.94
2430 MHz	2.31	54.35
2440 MHz	3.35	55.77
2450 MHz	3.25	54.49
2460 MHz	2.15	53.45
2470 MHz	2.17	53.73
2480 MHz	1.93	51.5
2490 MHz	2.28	50.1
2500 MHz	3.46	51.07

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2.3.2. 天线辐射方向图 Antenna Radiation Pattern



3.备注 Notes

1. Be careful not to be too close to the metal part during installation to avoid affecting the antenna performance.
2. This antenna is only applicable to this model, and the position of the antenna cannot be changed at will. If it is used on other machines, the effect will become worse, which has nothing to do with our company.
3. The data used in this acknowledgment (such as antenna efficiency, gain, etc.) are the data obtained from the test of the project/antenna in the laboratory of Shenzhen Feimin Technology Co., Ltd