



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: _____

产品名称

PRODUCTS: _____ PCB Antenna

客户料号

PART NO: _____ 37100241

产品型号

Spec.: _____ FM-S2500-1801

日期

Data: _____ 2024. 1. 2

供应商		
SUPPLIER		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY

客户		
CUSTOMER		
承认 ACCEPTED BY	审核 CHECKED BY	批准 APPROVED BY

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

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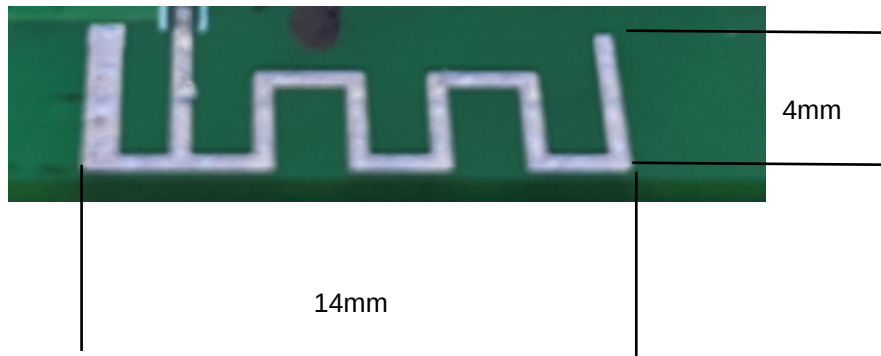
网址 HTTP: www.fmant.cn

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1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions

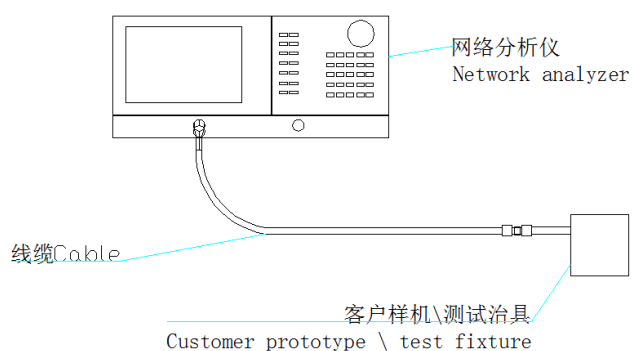


2. 电气性能 Electrical Characteristics

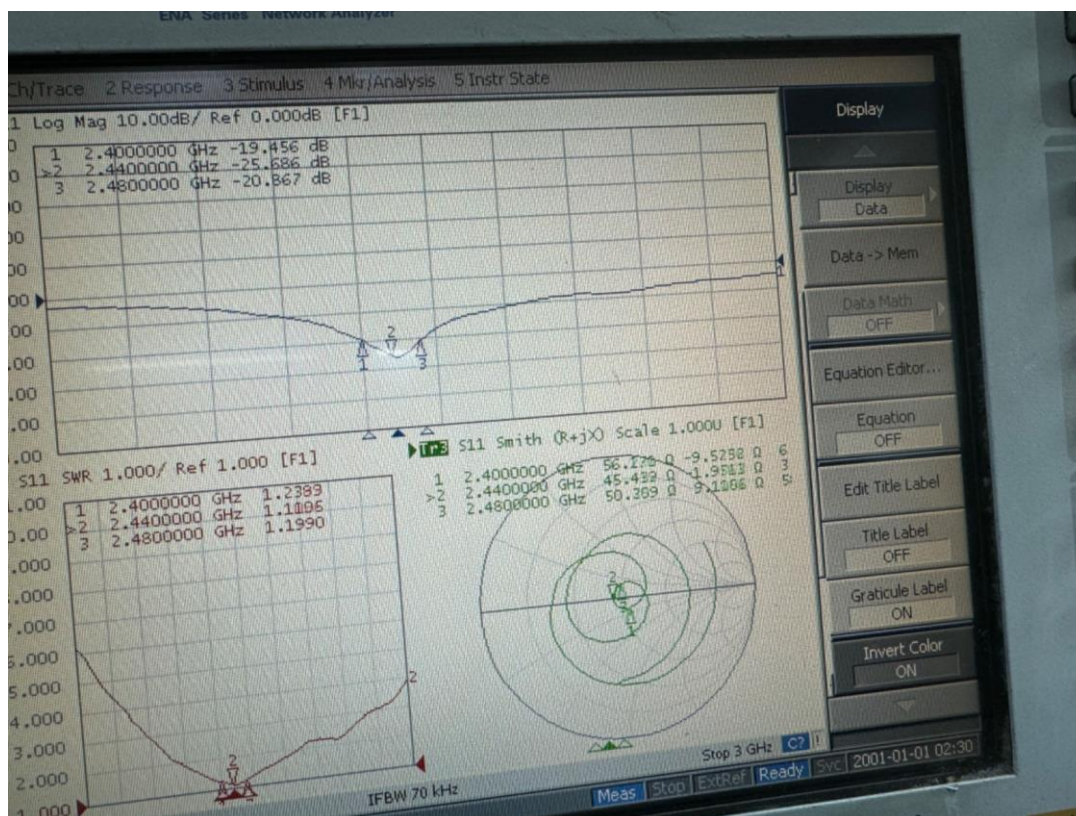
2.1.测试环境条件 Test Environment Conditions

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



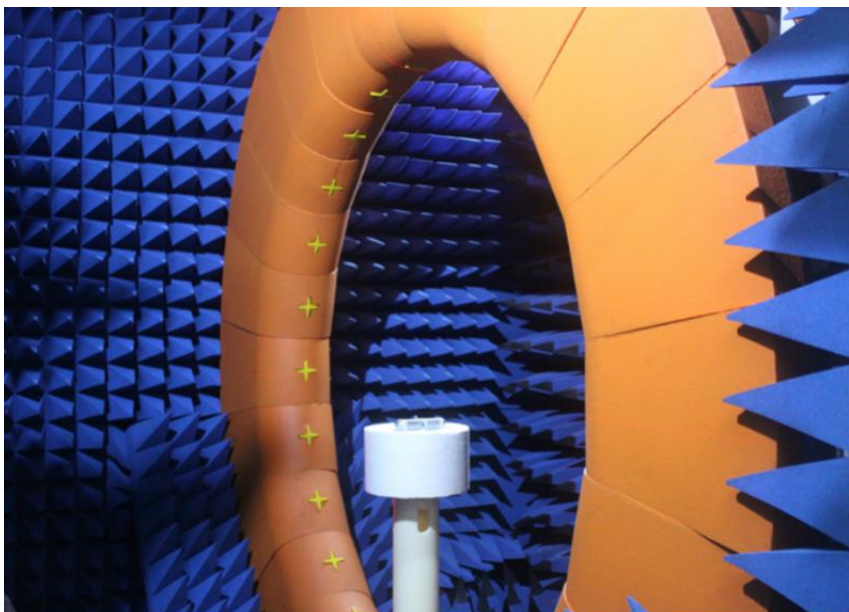
2.2.1. 天线电压驻波比. 天线回波损耗. 史密斯圆图 Antenna VSWR. Antenna Return loss. smith chart



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

2.3.1. 测试系统 Test system



2.3.2 天线效率及增益 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	2.9	49.56
2410 MHz	2.52	49.85
2420 MHz	2.5	52.94
2430 MHz	2.62	46.54
2440 MHz	2.87	49.46
2450 MHz	3.06	50.18
2460 MHz	3.05	49.45
2470 MHz	3.07	47.48
2480 MHz	2.66	51.59
2490 MHz	2.68	46.28
2500 MHz	2.78	47.61

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2.3.3 天线辐射方向图 Antenna Radiation Pattern

