



# Shenzhen Feimin Technology Co., LTD

ShenZhen City FeiMin Technology CO.,LTD.

## Product Acknowledgement

SPECIFICATION FOR APPROVED

client

CUSTOMER: Huizhou Jiayinuoxin Technology Co., LTD product name  
 PRODUCTS: FPC antenna Customer part number  
 PART NO: \_\_\_\_\_ product model  
 Spec. : FM-S2028-DF-498-BT-D-R date  
 Data: 2025.5.9

Supplier SUPPLIER		
Fiction PREPARED BY	Examine and verify CHECKED BY	Ratify APPROVED BY
Chen Yuan	Yang Quansheng	Ma Dongdong

Client CUSTOMER		
Admit ACCEPTED BY	Examine and verify CHECKED BY	Ratify APPROVED BY

Note: Please reply a copy of the letter of recognition (or photocopy) to our company after affixing the seal. The rest will be archived by your company

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

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## Revision history

Edi tion	Date	State
A1	2025-3-27	First edition
A2	2025-5-9	Add test data

Change content:

First change:

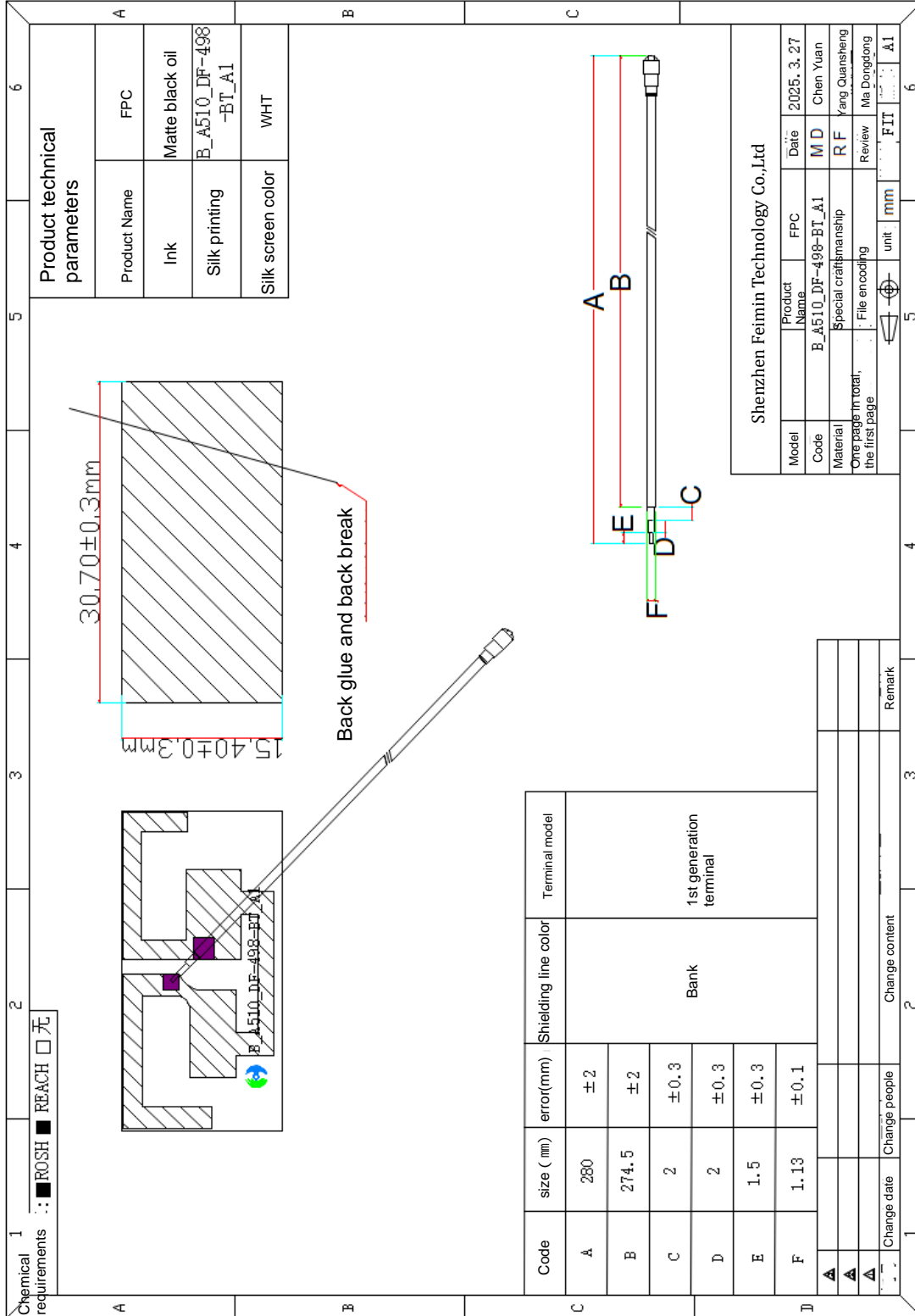
Before change: (if necessary, please add the corresponding picture, the details of the change should be clearly described here)

After the change: (if necessary, please add the corresponding picture, and the details of the change should be clearly described here)

# ANTENNA SPECIFICATION

## 1. Project Information Project Information

### 1.1. Appearance size Appearance and Dimensions



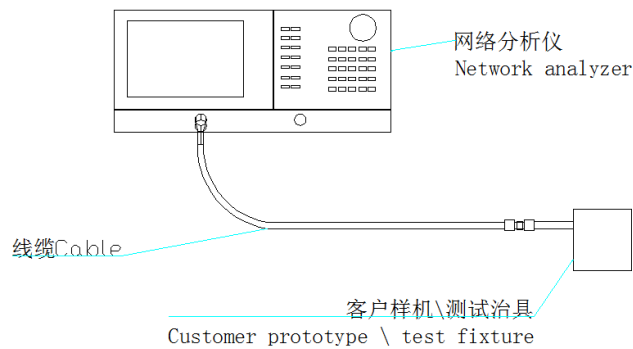
# ANTENNA SPECIFICATION

## 2. Electrical performance Electrical Characteristics

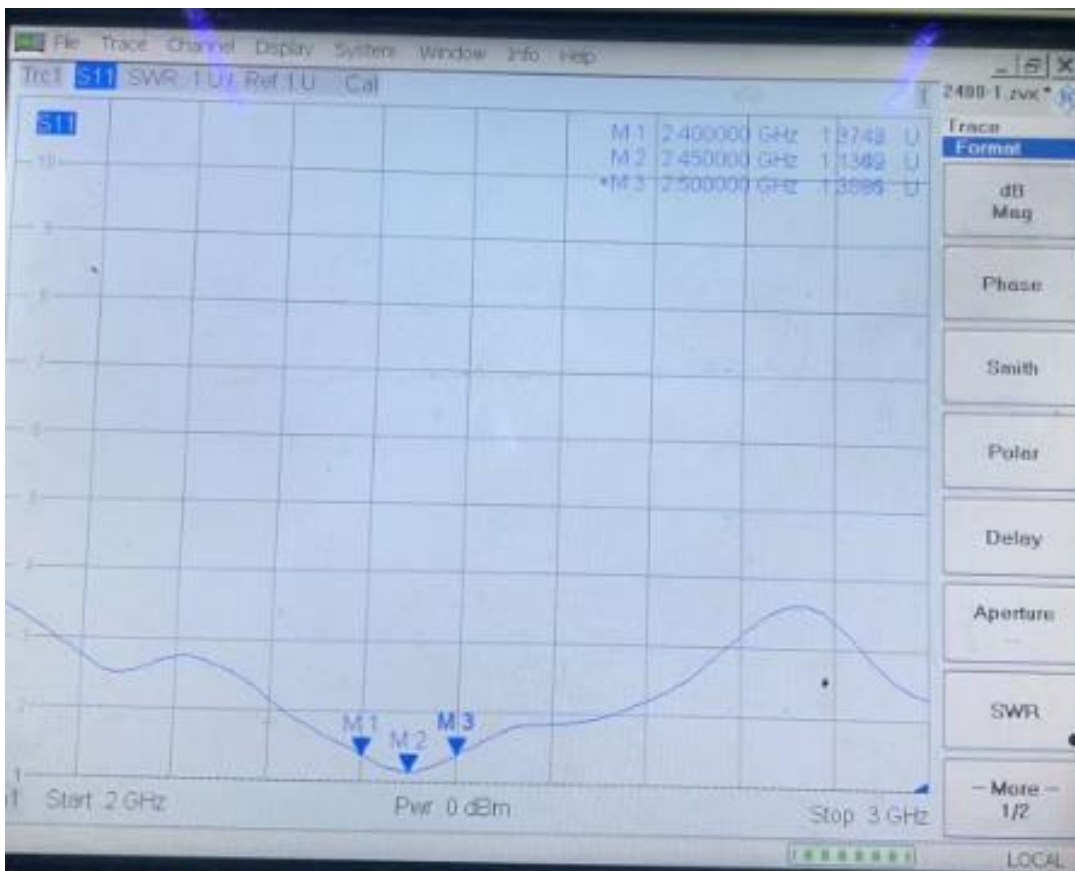
### 2.1. Test environmental conditions Test Environment Conditions

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

### 2.2. Test method Measurement method

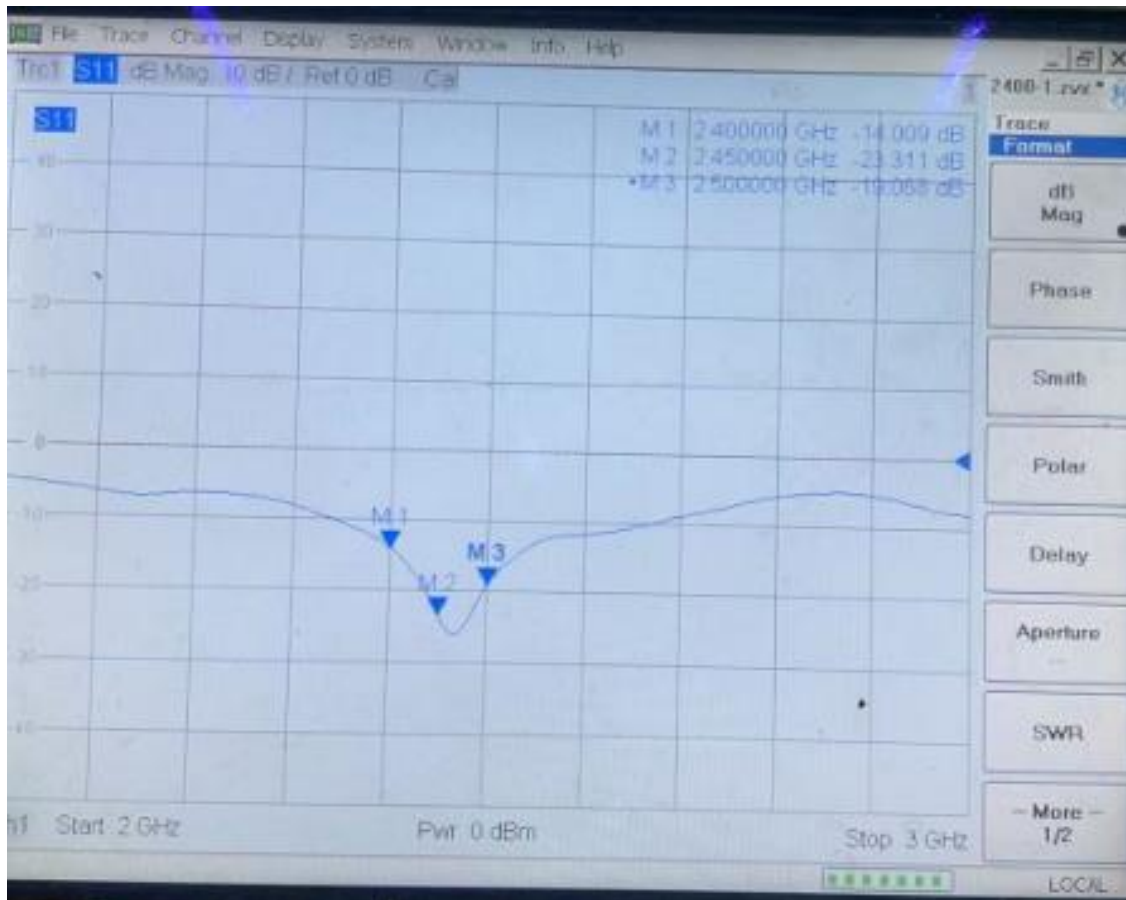


#### 2.1.1. Antenna voltage standing wave ratio Antenna VSWR



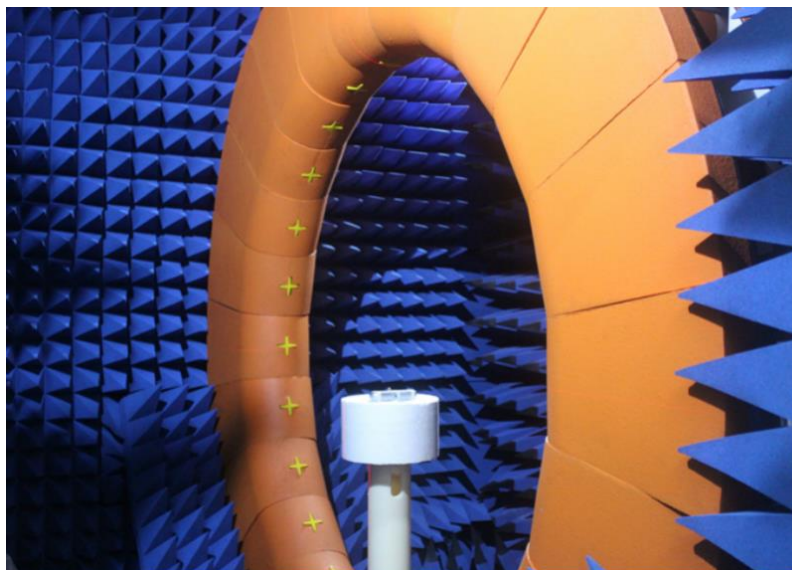
# ANTENNA SPECIFICATION

## 2.1.2. Antenna echo loss Antenna Return loss



## 2.2. Antenna passive test data Antenna passive test data

### 2.2.1. Test system Test system



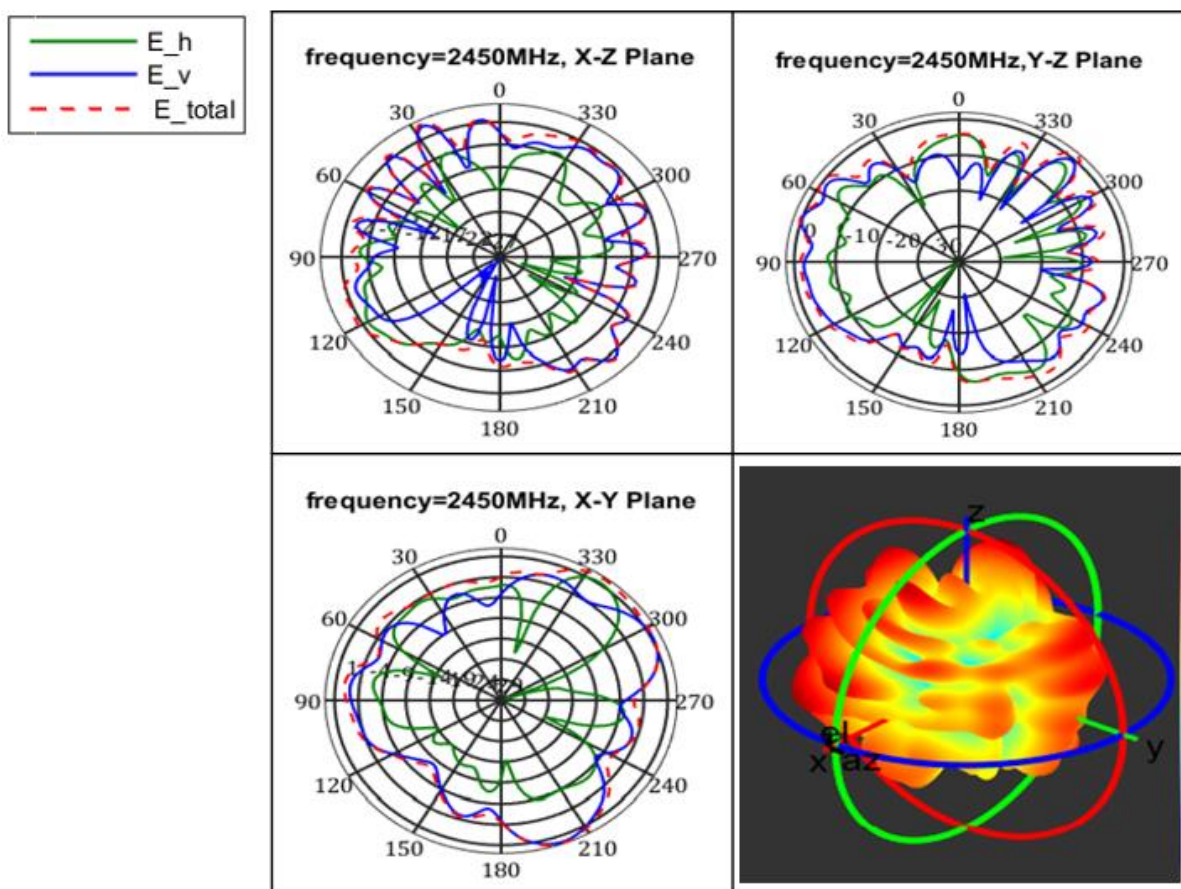
Shenzhen Feimin Technology Co., LTD. (24 probe OTA microwave anechoic chamber)

# ANTENNA SPECIFICATION

## 2.3.2 Antenna efficiency and gain Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gian(dBi)
2400 MHz	41.19	3.12
2410 MHz	42.65	3.28
2420 MHz	44.93	3.05
2430 MHz	45.87	3.29
2440 MHz	44.35	3.26
2450 MHz	46.21	3.11
2460 MHz	47.73	3.20
2470 MHz	48.46	3.28
2480 MHz	47.65	3.20
2490 MHz	48.70	3.11
2500 MHz	47.00	3.04

### 2.2.2. Antenna radiation pattern Antenna Radiation Pattern





# ANTENNA SPECIFICATION

## 3. remarks Notes

1 When installing, pay attention to 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 resulting in poor effect, it has nothing to do with our company.

## 4. Product packaging specification Product packaging specification

Product name: FPC antenna

### 1. Label requirements

The inner label is about 7CM long and 4CM wide

The outer label is about 7CM long and 5CM wide

Supplier	Shenzhen Feimin Technology Co., LTD
Product name	*****
Material code	*****
Specifications and models	*****
Quantity	***PCS

Customer name			
Supplier	Shenzhen Feimin Technology Co., LTD		
Order number	*****		
Material code	*****		
Specifications and models	*****	Product name	*****
Quantity	*****PCS	Checkout	
Spares	***PCS	Remarks	

### 2. Packing process

Job description:

1. Product \_\_\_PCS is packed in PE open bags, and inner labels are attached to each small bag; \_\_\_ small bags are put into large PE sealed tape bags, except for tail numbers and spare parts.

2. Each box contains \_\_\_ large bags of products.

The boxes are sealed with tape in the shape of "work".

3. Attach an external label to the upper right corner of the box. Do not omit or fill in the wrong information.

### 3. Precautions

When packing, pay attention to lay the antenna flat. After sealing the glue, there should be no serious shaking. If the whole box is not filled, foam should be inserted to avoid adverse conditions of products during transportation.

