



ShenZhen City FeiMin Technology CO., LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: Shenzhen Weijia Quan' an Technology Co., Ltd.

PRODUCTS: FPC antenna.

PART NO:

Spec. : FM-S2164-RT8

Data: 2026.7.7

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY

CUSTOMER		
ACCEPTED BY	CHECKED BY	APPROVED BY

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

ADD:Room 801, 8th Floor, Keyunda E-commerce Base, No. 4 Shenghui Road, Guxing Community, Xixiang Subdistrict, Baoan District, Shenzhen.

Tel: 0755-23035723

Fax: 0755-23036702

E-mail: ant001@fmant.cn

HTTP:www.fmant.cn

ANTENNA SPECIFICATION

catalog

1. Project Information	4
1.1. Appearance and Dimensions	4
2. Electrical Characteristics.....	5
2.1. Test Environment Conditions	5
2.2. Measurement method	5
2.2.1. Antenna VSWR.....	5
2.2.2. Antenna Return loss.....	6
2.3. Antenna passive test data.....	6
2.3.1. Test system.....	6
2.3.2 Antenna efficiency and gain.....	7
2.3.3. Antenna Radiation Pattern.....	7
3. Notes.....	8
4. Product packaging specification	8

ANTENNA SPECIFICATION

Revision history

version	date	condition
A1	2026-7-7	First edition

Changes:

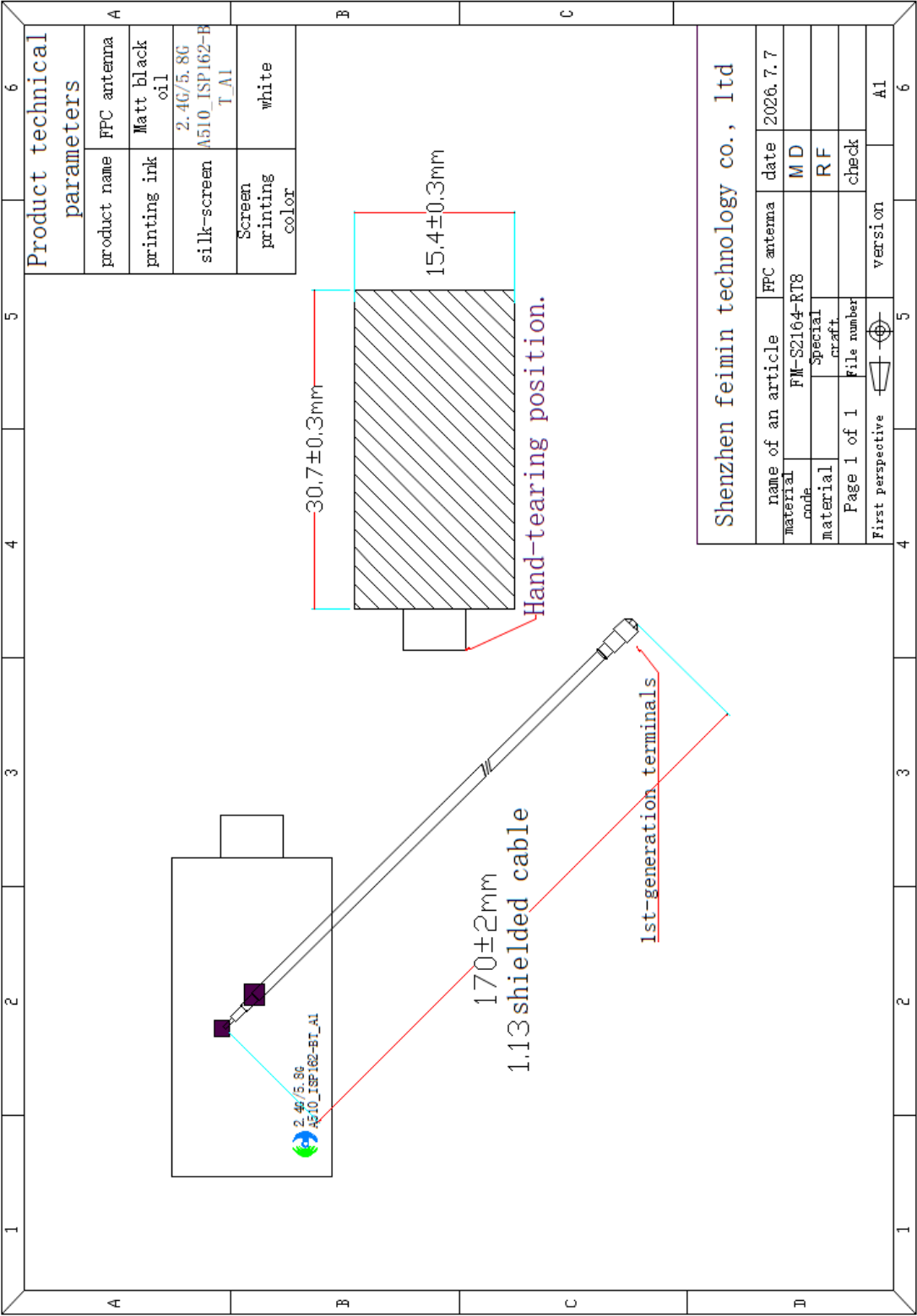
First change:

Before the change: (If necessary, please add corresponding pictures, and the details of the change should be clearly described here)

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

1. Project Information

1.1. Appearance and Dimensions

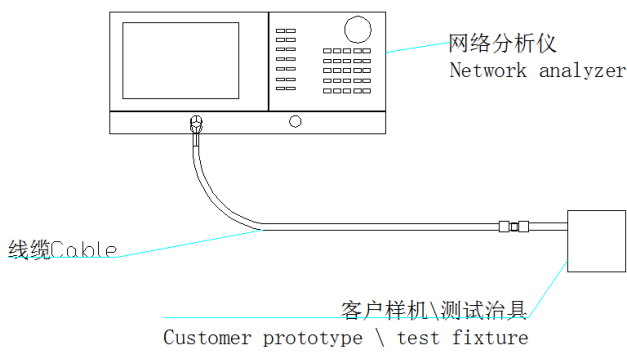


2. Electrical Characteristics

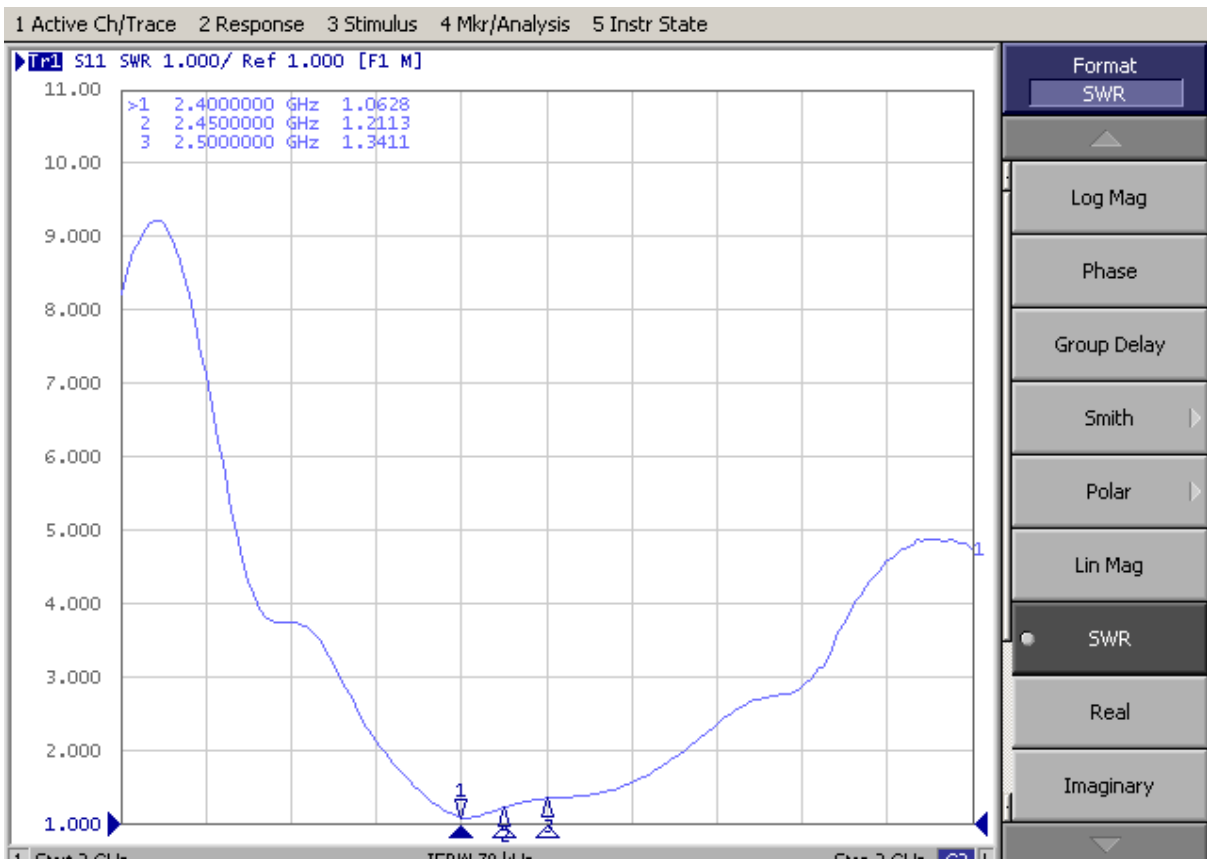
2.1. Test Environment Conditions

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

2.2. Measurement method

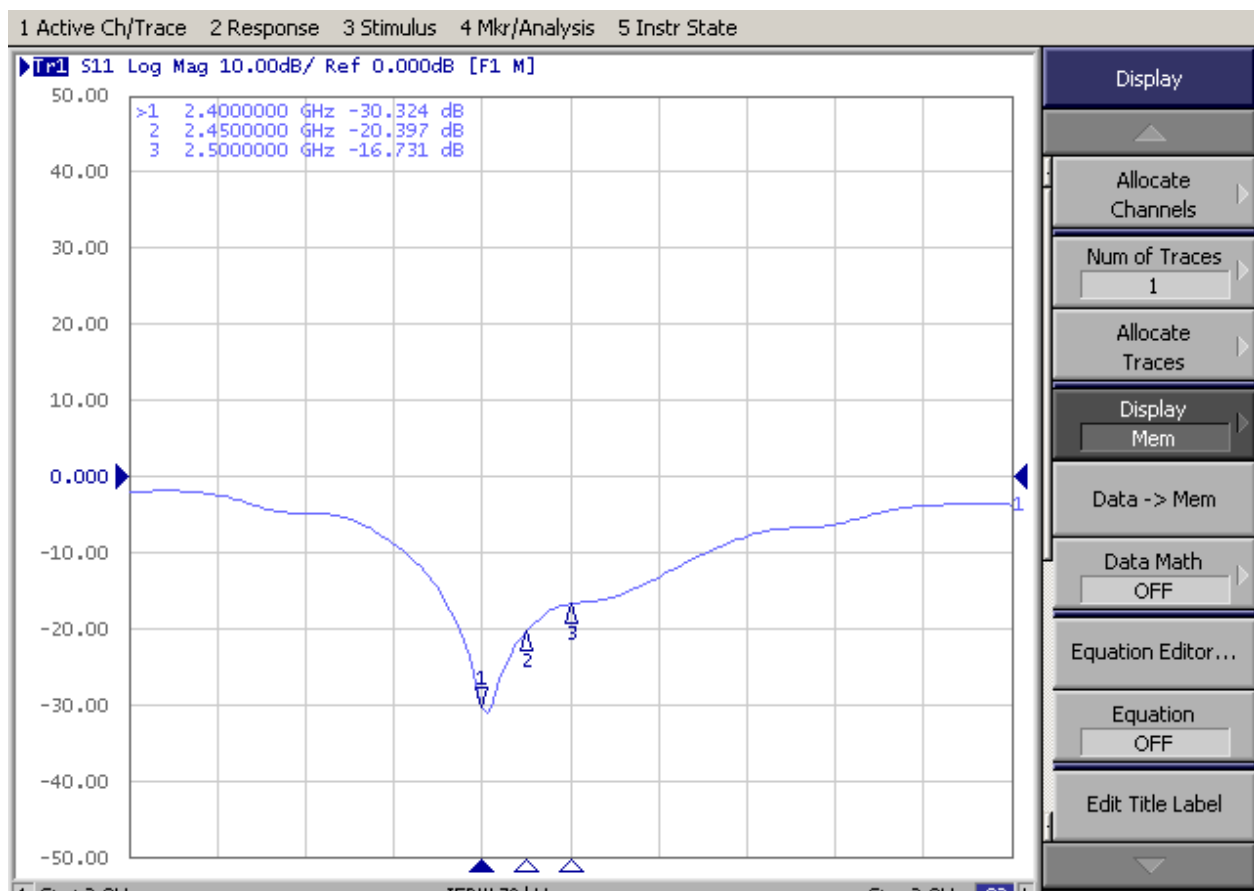


2.2.1. Antenna VSWR



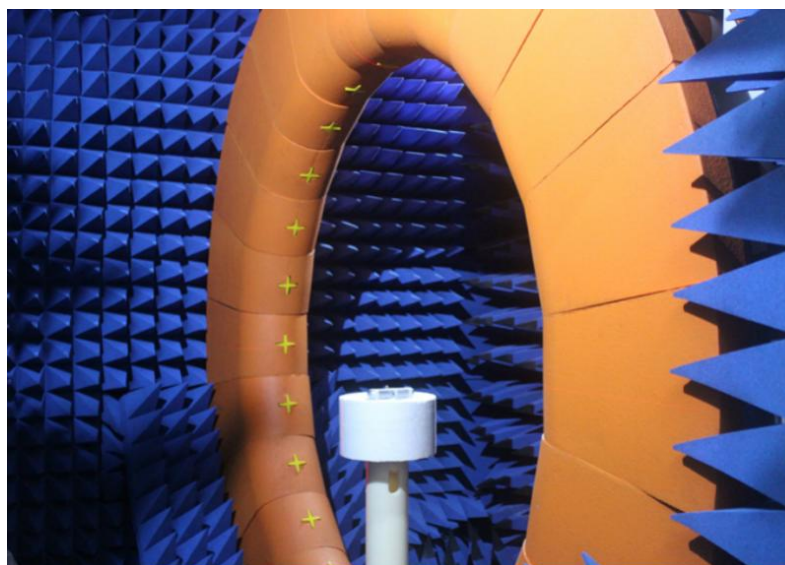
ANTENNA SPECIFICATION

2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



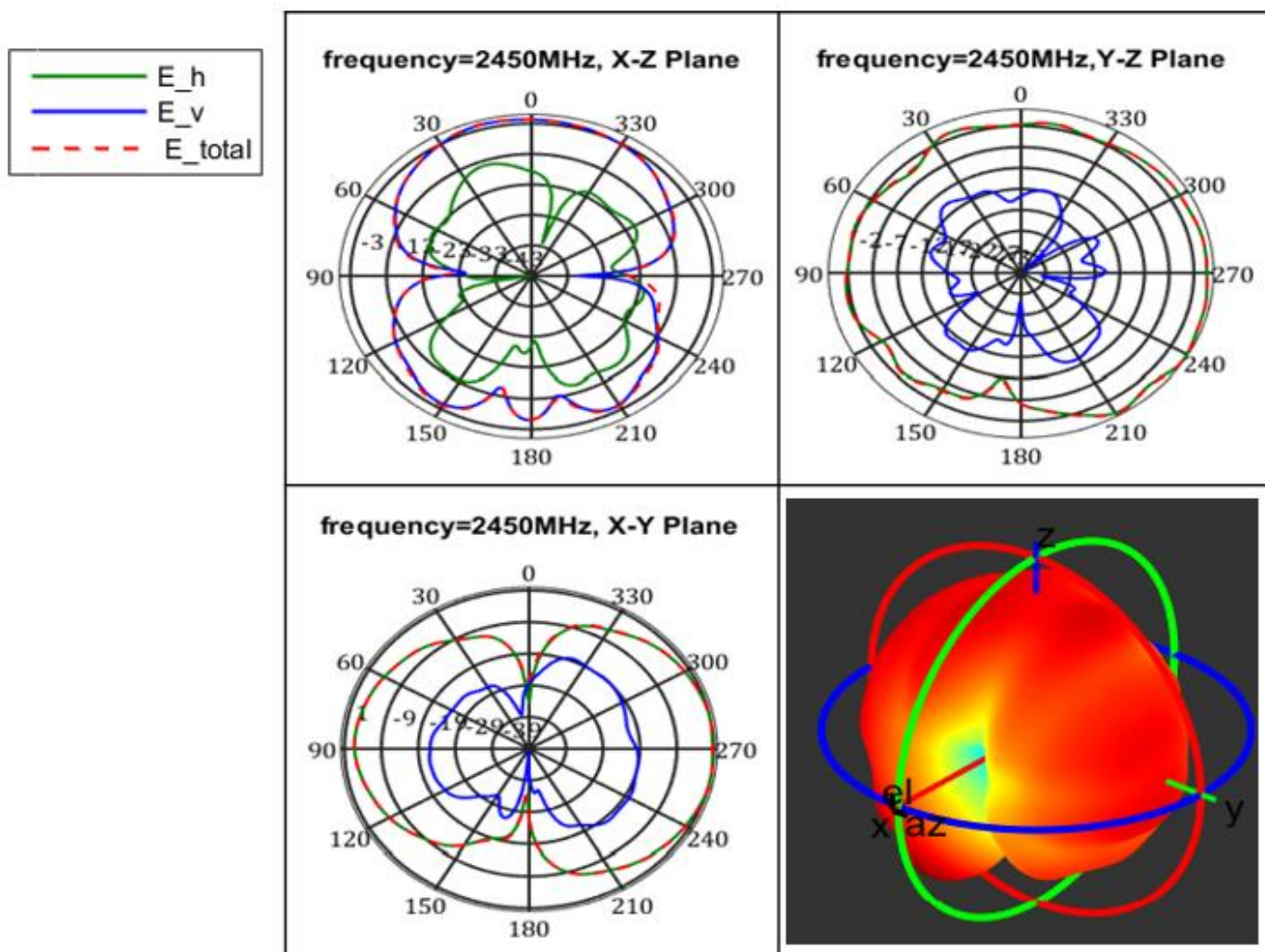
Shenzhen Feimin Technology Co., Ltd. (24-probe OTA microwave darkroom)

ANTENNA SPECIFICATION

2.3.2 Antenna efficiency and gain

Frequency (MHz)	Efficiency (%)	Gain (dB)
2400	46.26	2.31
2410	46.80	2.45
2420	48.86	2.55
2430	50.67	2.71
2440	51.97	2.84
2450	52.32	2.80
2460	52.12	2.77
2470	51.89	2.57
2480	50.07	2.63
2490	49.62	2.55
2500	47.76	2.51

2.3.3. Antenna Radiation Pattern



ANTENNA SPECIFICATION

3. Notes

1. When installing, be careful not to be too close to the metal part to avoid affecting the antenna performance.
2. . This antenna is only suitable for 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 (such as antenna efficiency, gain, etc.) used in this acknowledgement are all obtained from the laboratory test of this recognition project/antenna in Shenzhen Feimin Technology Co., Ltd.

4. Product packaging specification

Product name: FPC antenna.

1、Labeling requirements

The inner label is 7CM long and 4CM wide

The outer label is 7CM long, about 5CM

supplier	Shenzhen Feimin Technology Co., Ltd.
product name	*****
Material coding	*****
Specifications	*****
quantity	***PCS

client's name			
supplier	Shenzhen Feimin Technology Co., Ltd.		
Order number	*****		
Material coding	*****		
Specification model	*****	product name	*****
quantity	*****PCS	QC:	
spare parts	***PCS	Notes	

2、Packing process

Job description:

1. The product __PCS is packed in PE open pockets, and the inner label is affixed to each pouch; Put the __ small bag into the big PE sealing tape bag, except the tail number and spare parts.
2. Each box contains __ large bags of products, and the boxes are sealed with adhesive tape in the shape of "I".
3. Paste the outer label on the upper right corner of the box, and there must be no missing or wrong filling.

3、Precautions

When packing the box, please pay attention to lay the antenna flat and avoid serious shaking after sealing. If the whole box is not filled, it needs to be filled with foam to avoid transportation Circumstances that caused product defects in the process.

