



ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____ Huizhou Vocal Intelligence Technology Co., Ltd.

PRODUCTS: _____ FPC antenna

PART NO: _____ 8-1241-24G00-000

Spec. : _____ FM-S2835-U4320-TX module antenna.

Data: _____ 2026. 8. 26

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

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ANTENNA SPECIFICATION

Revision history

version	date	condition
A1	2026-5-9	First edition
A2	2026-8-26	Update product drawings.

Changes:

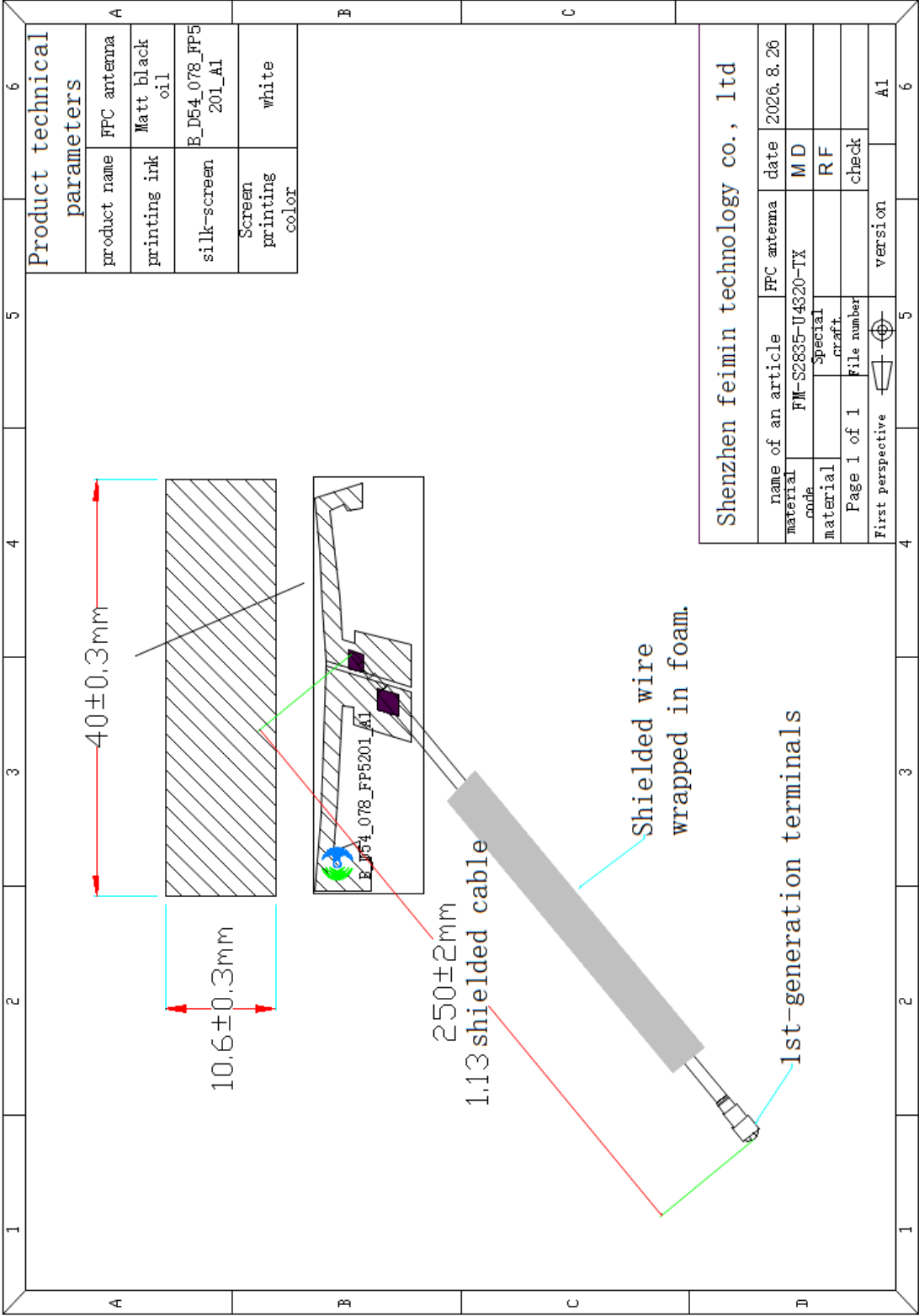
First change:

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

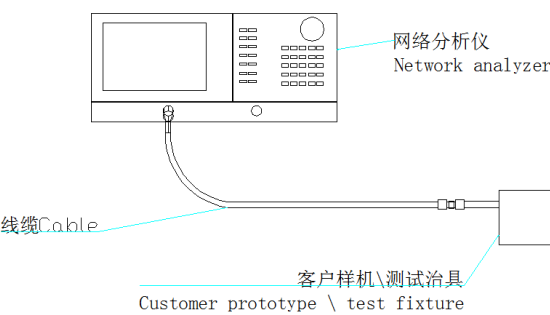


2. Electrical Characteristics

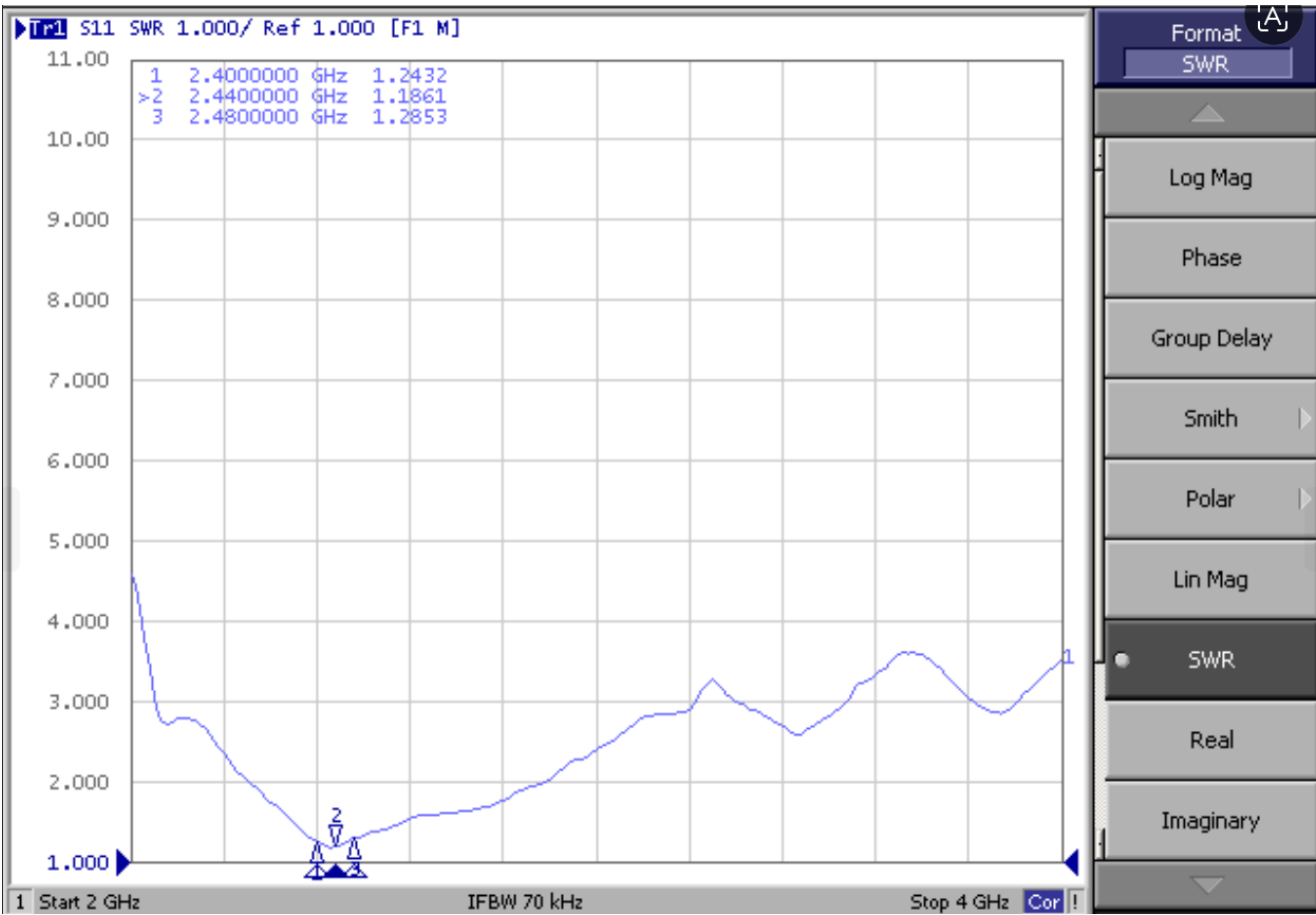
2.1. Test Environment Conditions

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

2.2.Measurement method

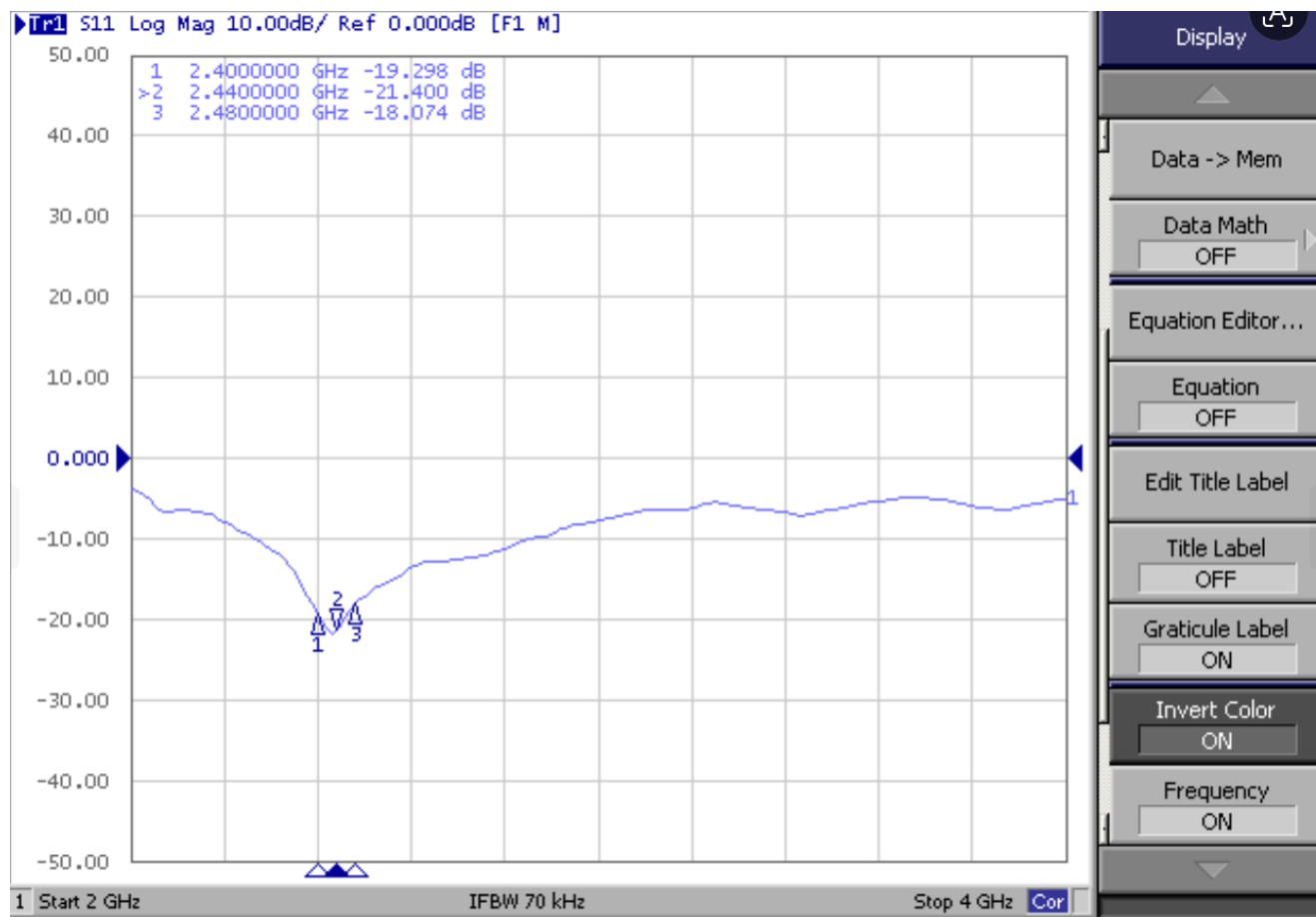


2. 2. 2. Antenna VSWR



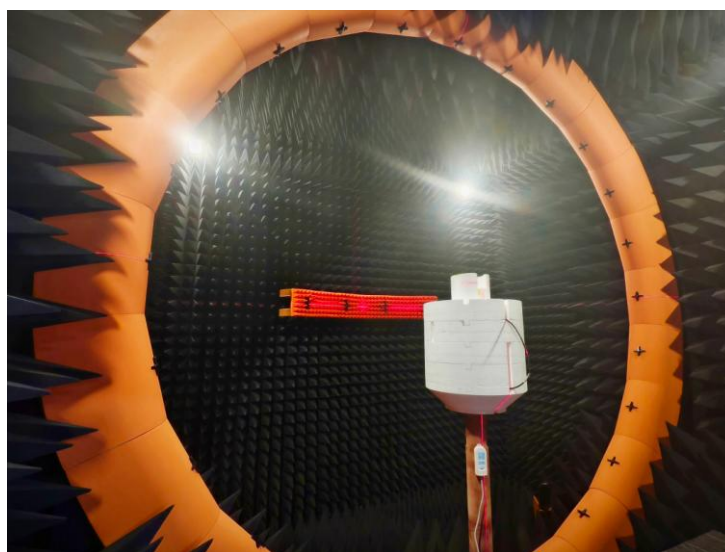
ANTENNA SPECIFICATION

2.2.3. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



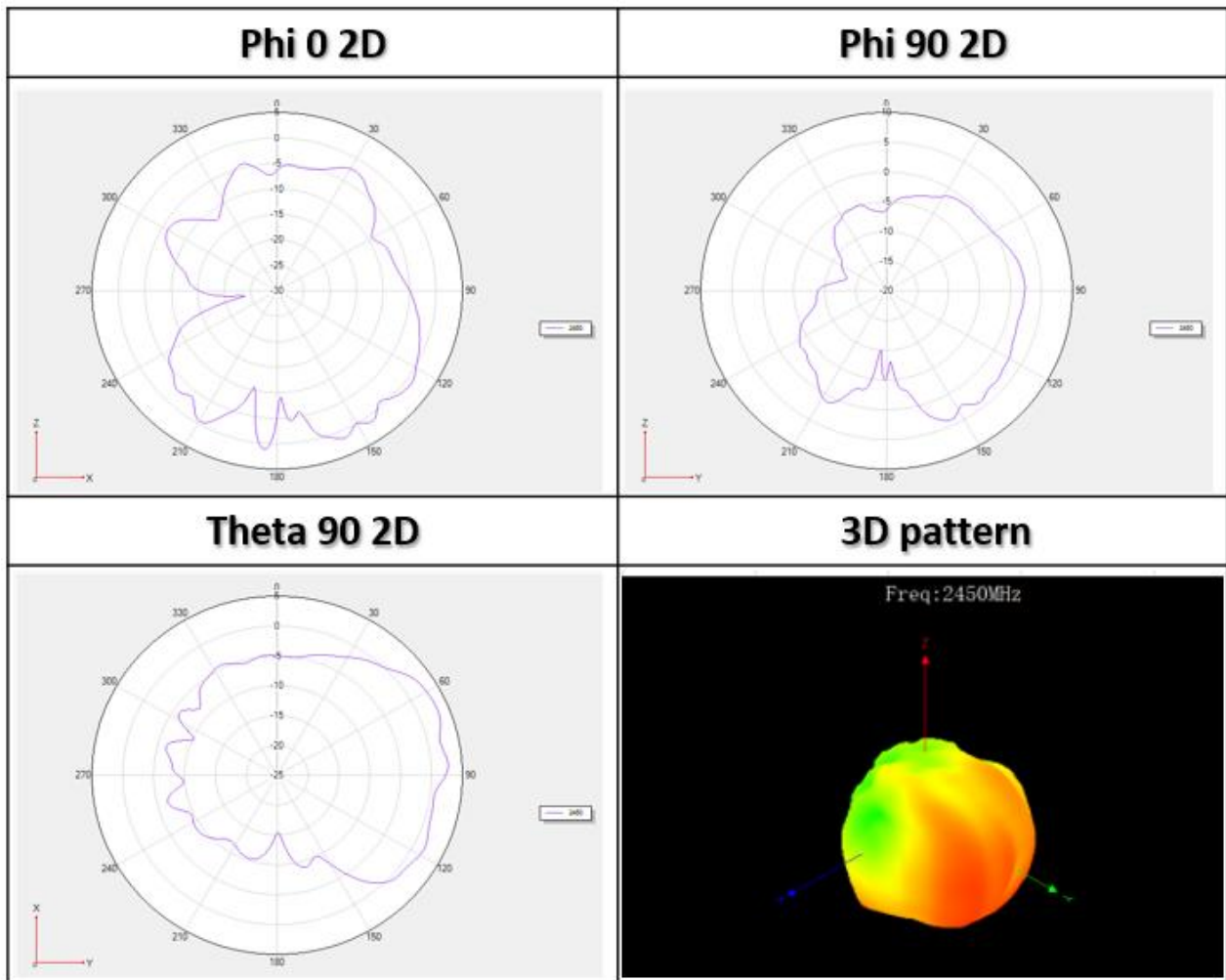
Shenzhen Feimin Technology Co., Ltd. (24-probe OTA microwave darkroom)

ANTENNA SPECIFICATION

2.3.2. Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	59.83	2.55
2410	60.34	2.60
2420	61.36	2.29
2430	64.57	2.42
2440	68.24	2.41
2450	65.39	2.73
2460	64.98	2.79
2470	64.16	2.73
2480	63.34	2.76
2490	62.94	2.68
2500	63.48	2.72

2.3.3. Antenna Radiation Pattern



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3. Notes

- ①. When installing, be careful not to be too close to the metal parts to avoid affecting the antenna performance.
- ②. This antenna is only suitable for this type of machine. The position of the antenna cannot be changed at will, and it is not our business' responsibility if it is used on other machines that results in poor results.
- ③. The data used in this acknowledgment (e.g., antenna efficiency, gain, etc.) are data obtained from laboratory tests of the acknowledgement project / antenna in Shenzhen Fei Min 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.	client's name	
product name	*****	supplier	Shenzhen Feimin Technology Co., Ltd.
Material coding	*****	Order number	*****
Specifications	*****	Material coding	*****
quantity	***PCS	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.			



ShenZhen City FeiMin Technology CO., LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____ Huizhou Vocal Intelligence Technology Co., Ltd.

PRODUCTS: _____ FPC antenna

PART NO: _____ 8-1241-2450G-000

Spec.: _____ FM-S2835-U4320-Main unit WiFi.

Data: _____ 2026. 8. 26

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY

CUSTOMER		
ACCEPTED BY	CHECKED BY	APPROVED BY

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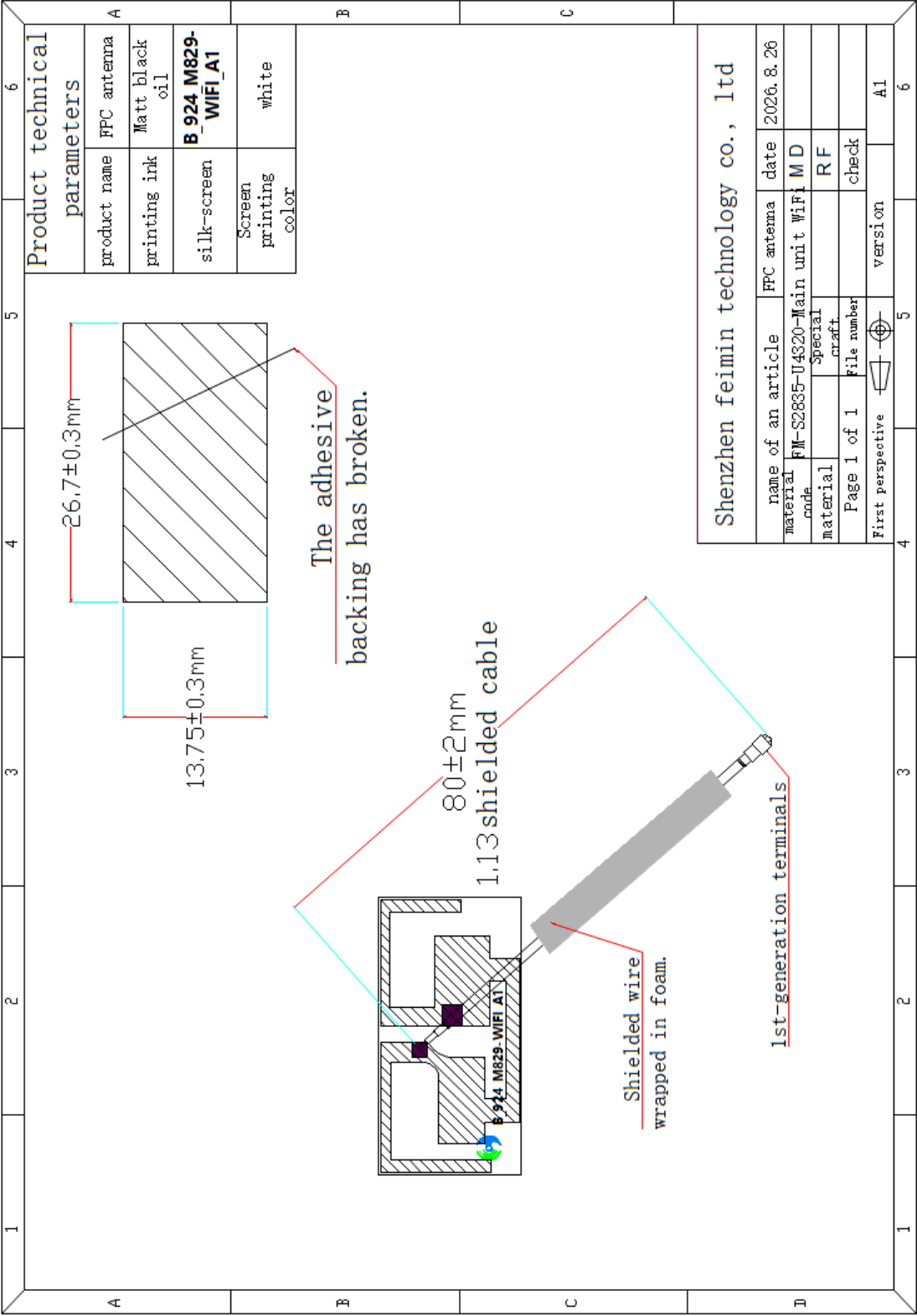
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1. Project Information

1.1. Appearance and Dimensions

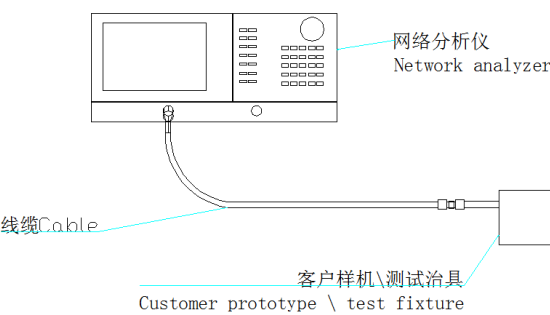


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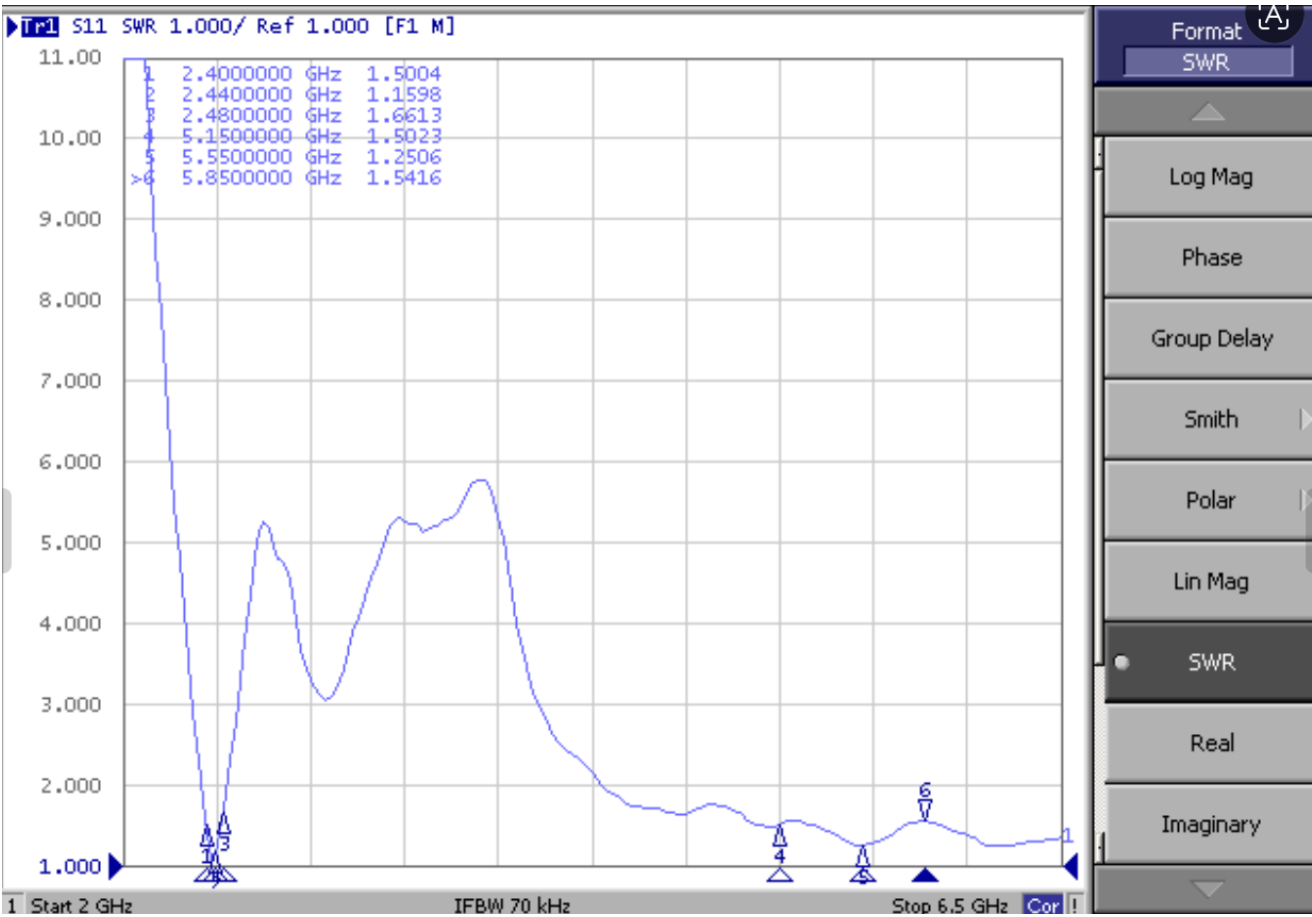
2.1. Test Environment Conditions

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

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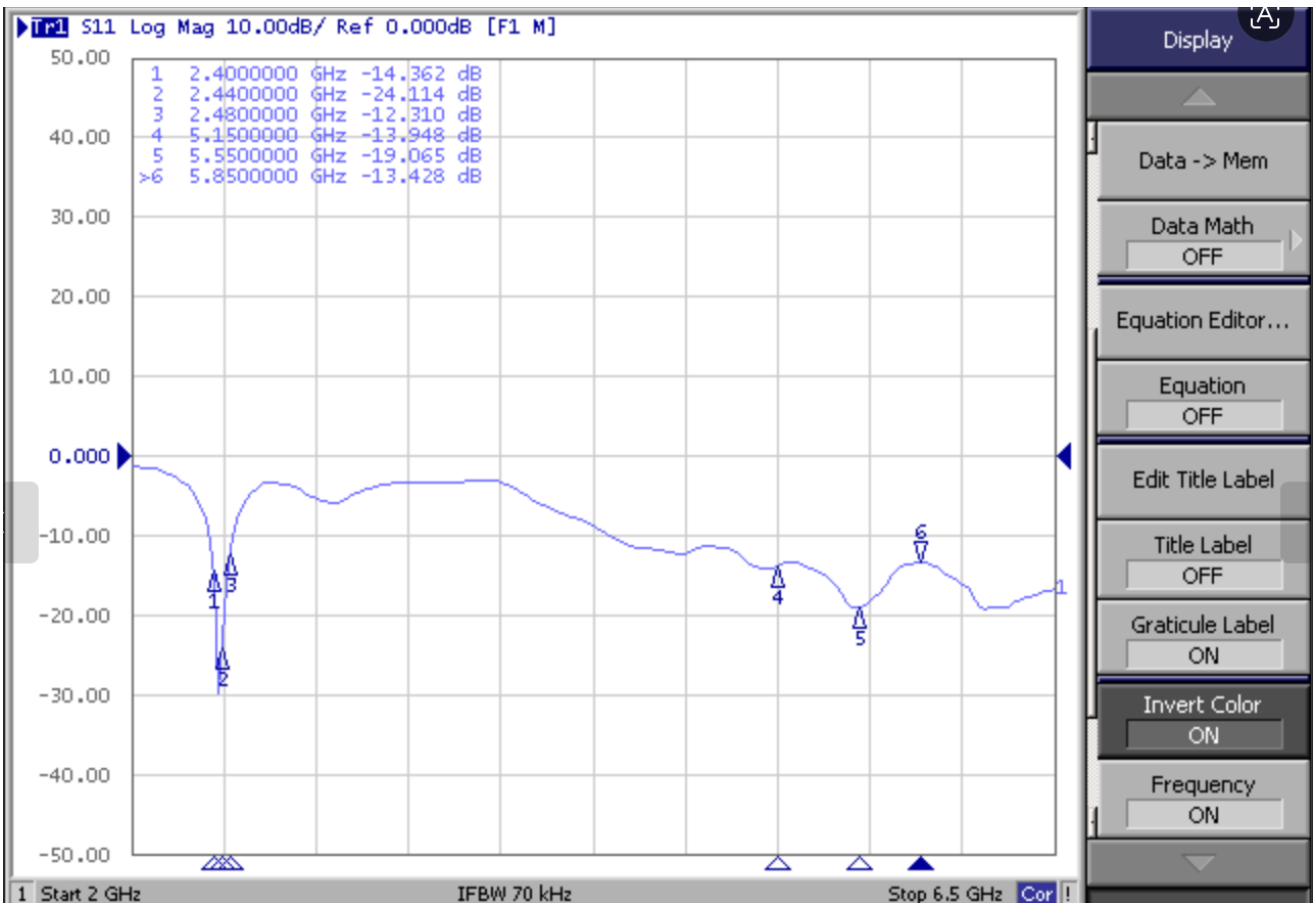


2. 2. 2. Antenna VSWR



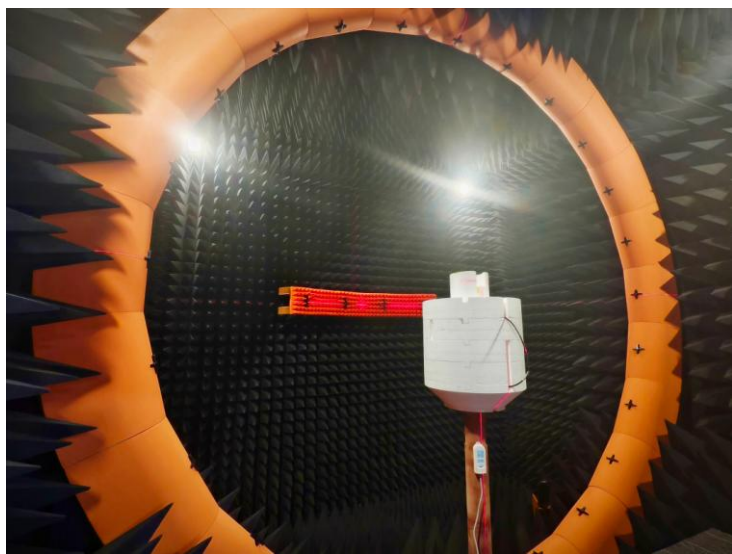
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2.2.3. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



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

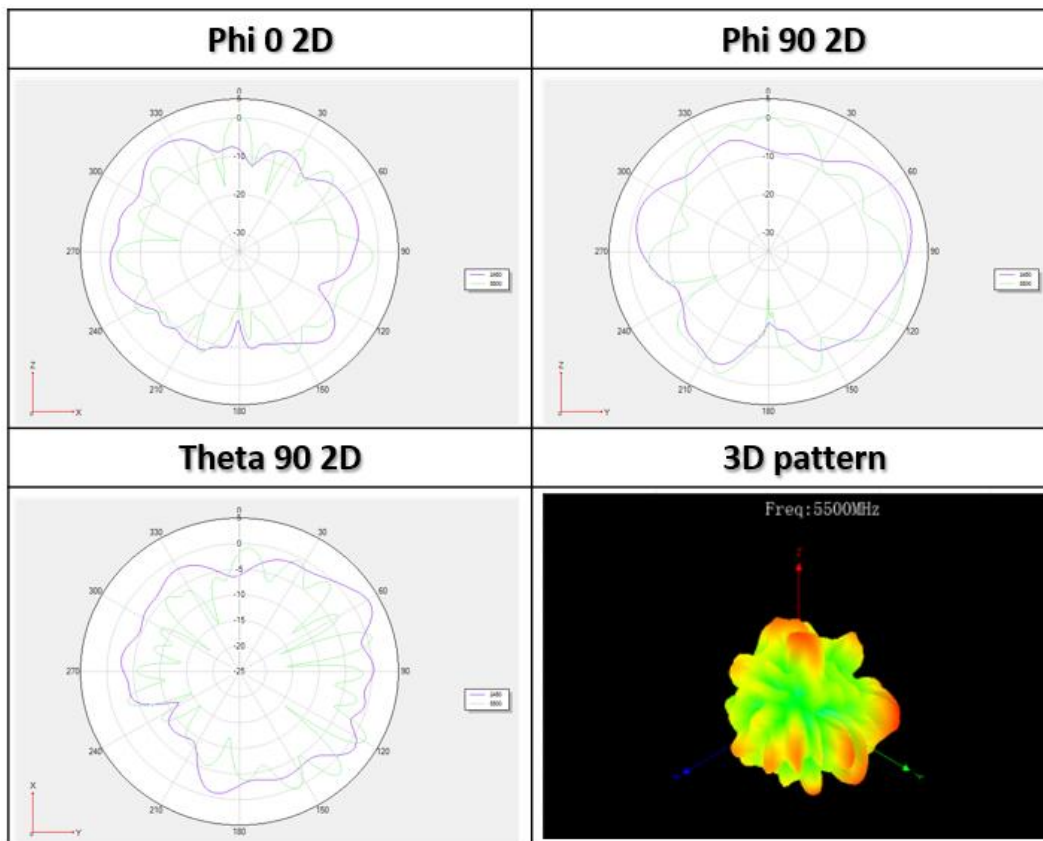
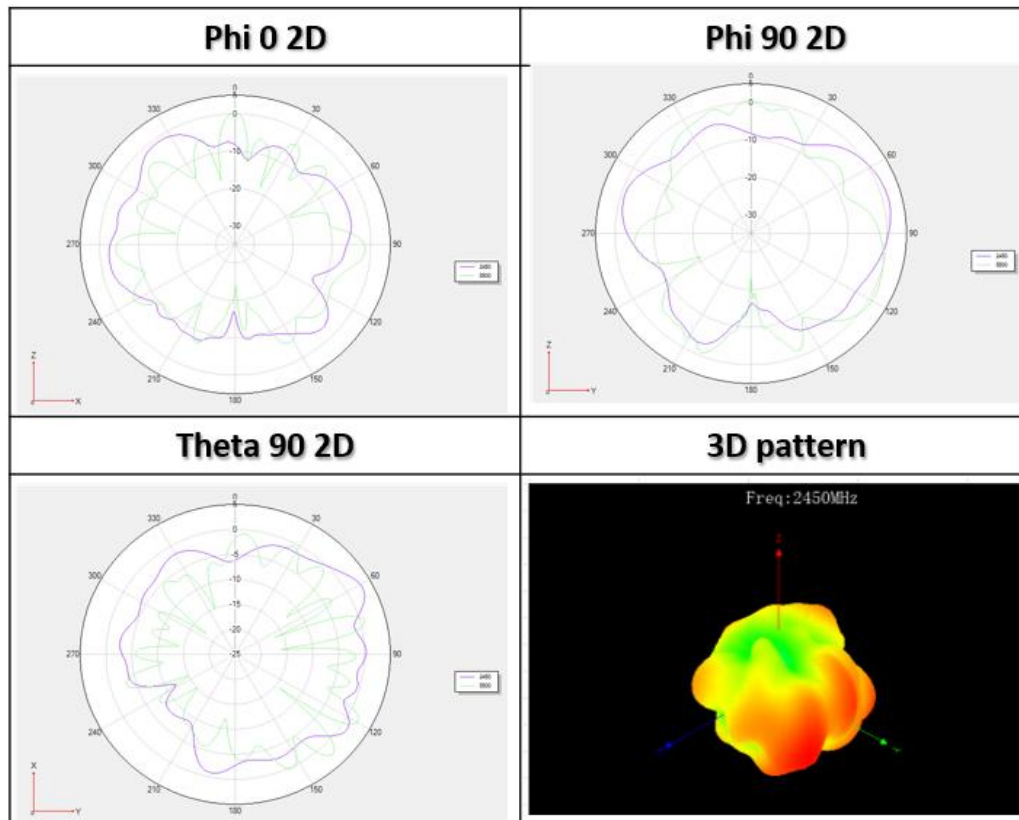
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2450	60.46	2.73
2460	60.90	2.78
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2480	59.55	2.67
2490	57.73	2.79
2500	58.91	2.59
5150	60.35	2.68
5200	60.21	2.76
5250	61.50	2.62
5300	62.67	2.78
5350	61.11	2.84
5400	62.26	2.86
5450	63.31	3.14
5500	63.65	3.11
5550	63.99	3.05
5600	63.44	2.98
5650	61.88	2.90
5700	61.11	2.72
5750	60.24	2.81
5800	59.96	2.77
5850	58.59	2.61

ANTENNA SPECIFICATION

2.3.3. Antenna Radiation Pattern



ANTENNA SPECIFICATION

3. Notes

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4. Product packaging specification

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1. Labeling requirements

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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.
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