



ShenZhen City FeiMin Technology CO., LTD.

SPECIFICATION FOR APPROVED

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

PRODUCTS: _____ FPC antenna

PART NO: _____

Spec. : _____ FM-S2835-UC001-FPC

Data: _____ 2026. 6. 18

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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Revision history

version	date	condition
A1	2026-4-20	First edition
A2	2026-6-18	Update product drawings.

Changes:

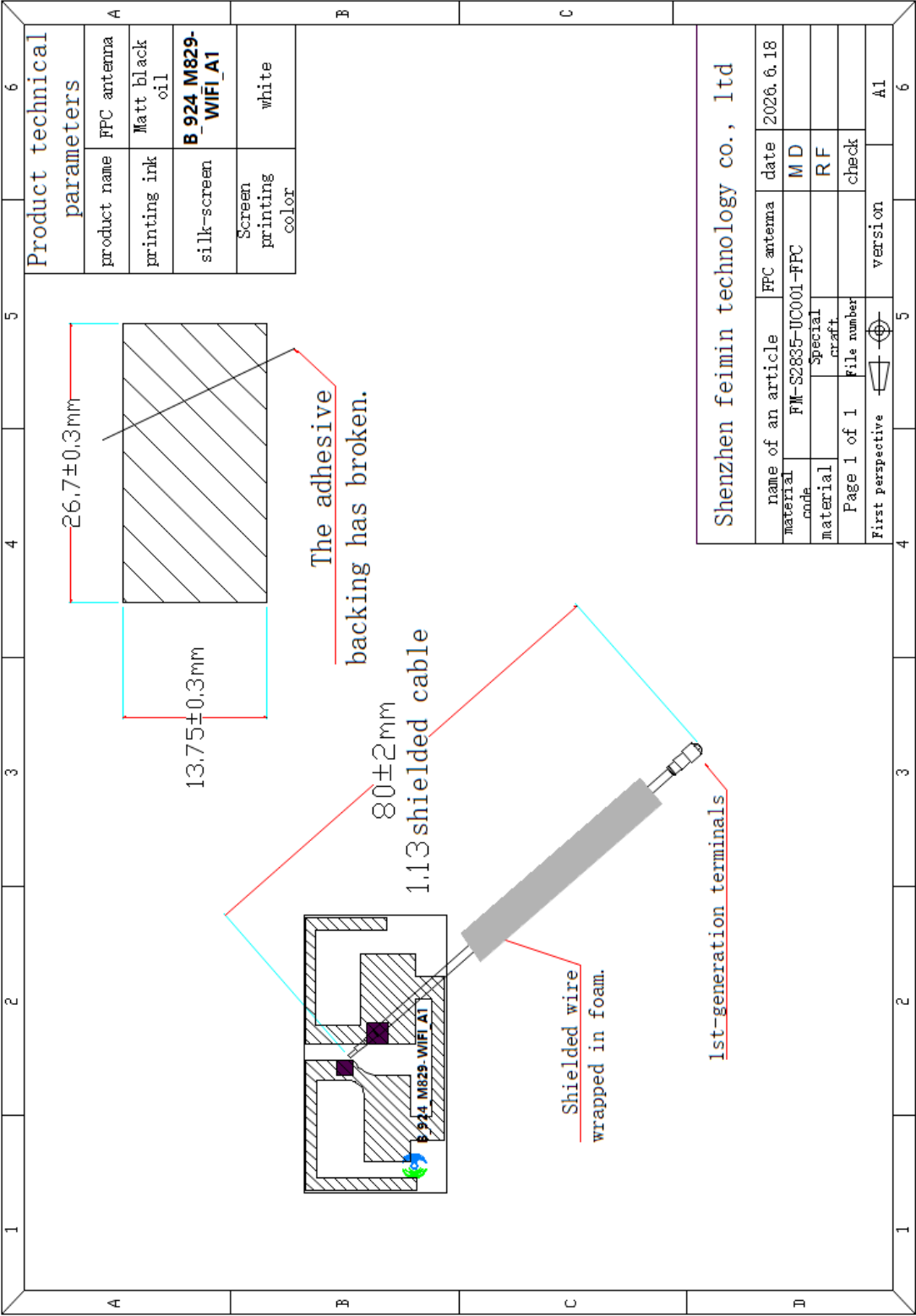
First change:

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

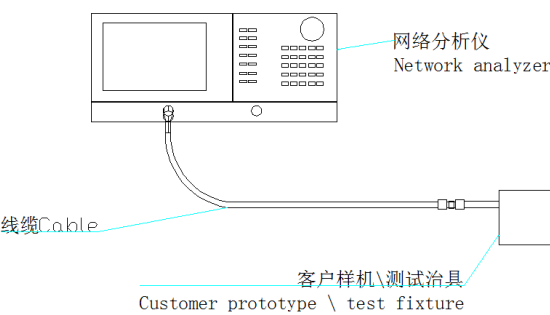


2. Electrical Characteristics

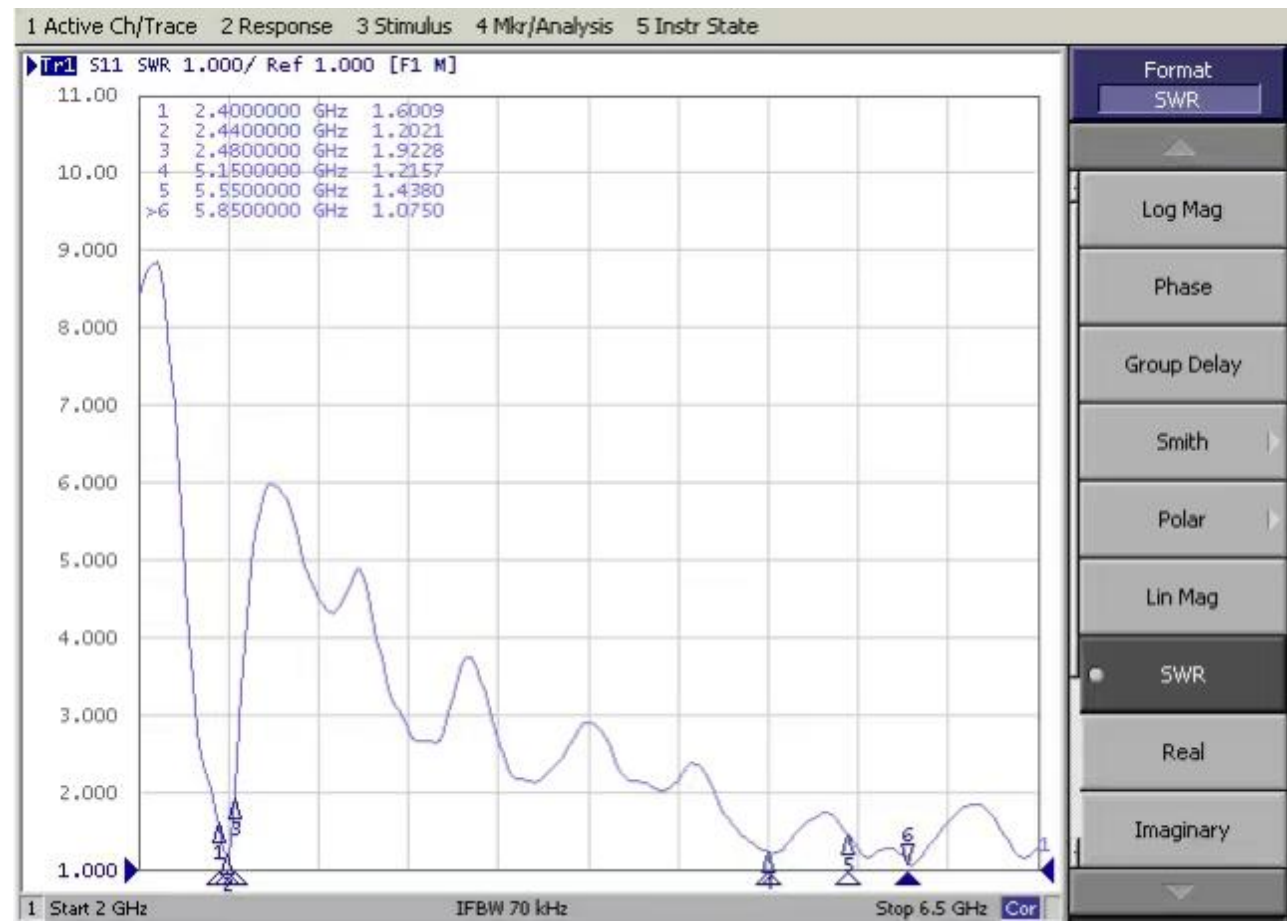
2.1. Test Environment Conditions

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

2.2.Measurement method

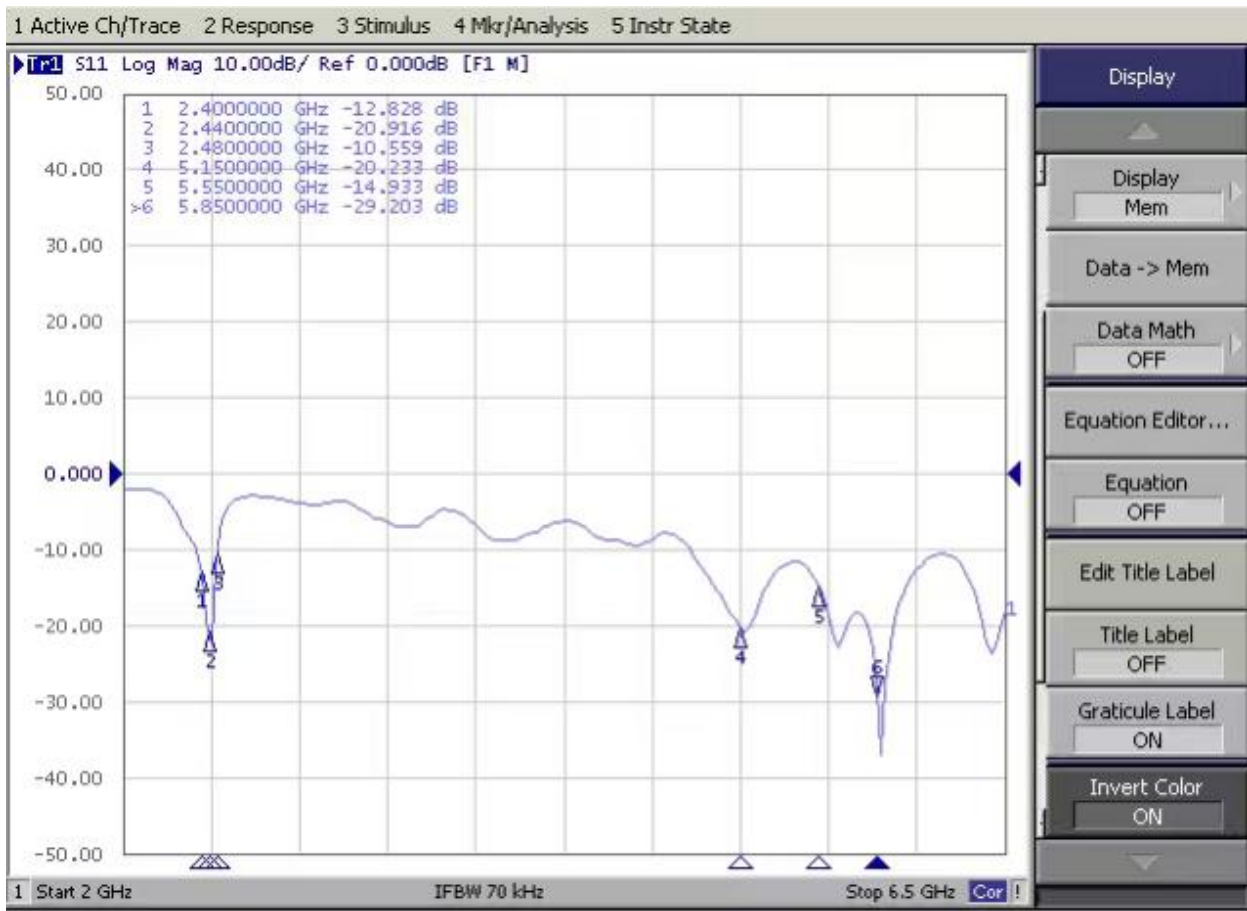


2. 2. 2. Antenna VSWR



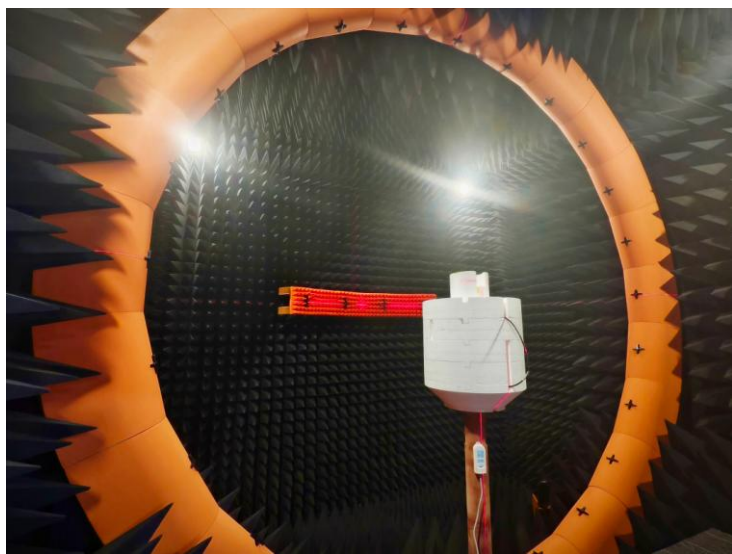
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2.2.3. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



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

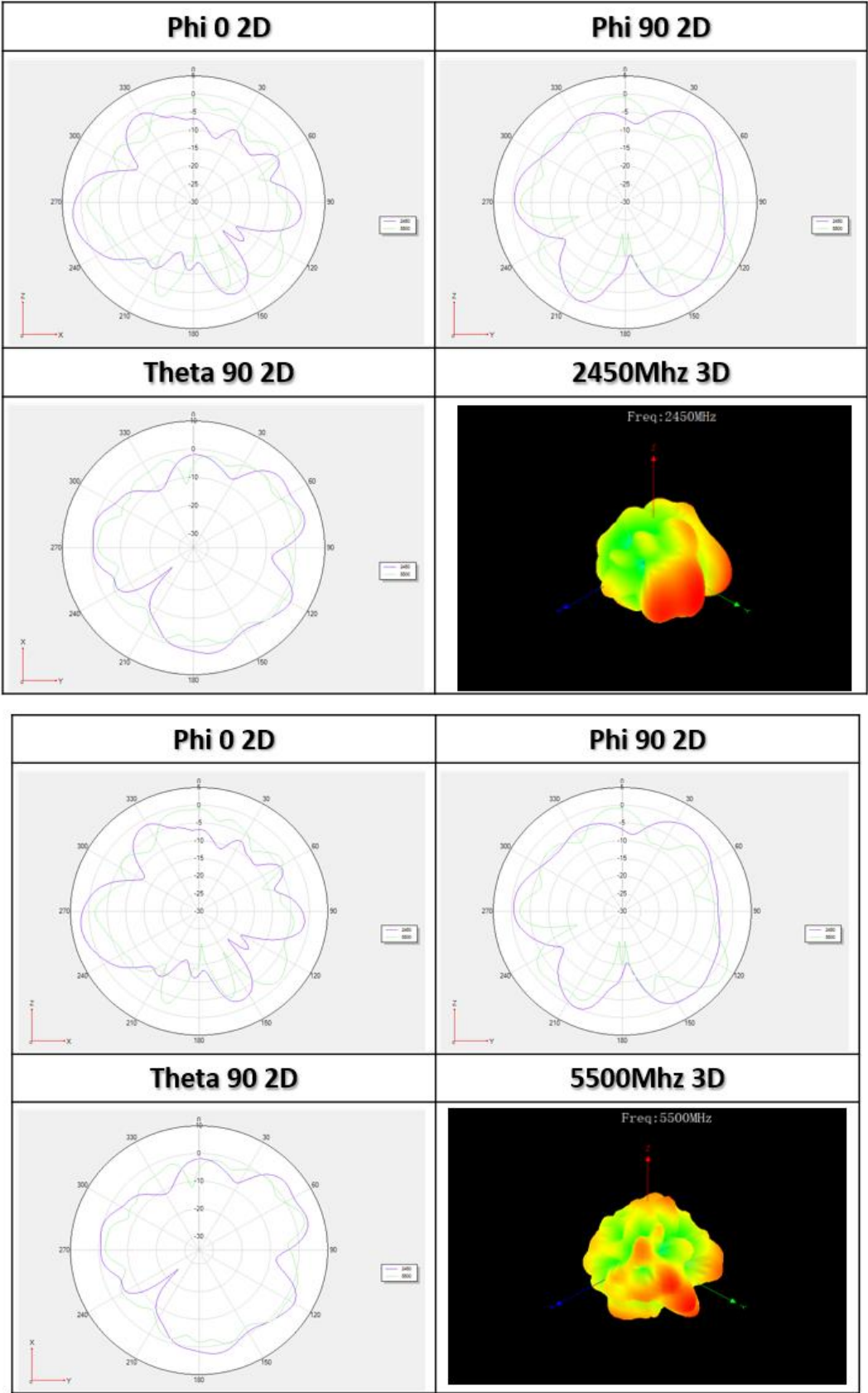
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2.3.2. Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	56.00	2.68
2410	57.55	2.72
2420	57.75	2.61
2430	58.84	2.65
2440	59.59	2.76
2450	61.86	2.85
2460	61.77	2.87
2470	60.21	2.73
2480	59.56	2.76
2490	59.40	2.65
2500	57.15	2.57
5150	63.09	2.64
5200	62.87	2.93
5250	58.57	2.53
5300	59.29	2.76
5350	61.53	2.86
5400	62.64	2.98
5450	61.53	3.04
5500	62.98	2.97
5550	63.23	2.90
5600	63.89	3.09
5650	64.17	2.85
5700	65.17	3.05
5750	63.43	2.93
5800	66.24	3.18
5850	66.00	3.23

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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.			