ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: Huizhou Vocal Intelligence Technology Co., Ltd.

PRODUCTS: FPC antenna

PART NO: 8-1241-24G00-003

Spec.: FM-S2835-U4320-Main unit surround panel.

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.

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Revision history

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

Changes:

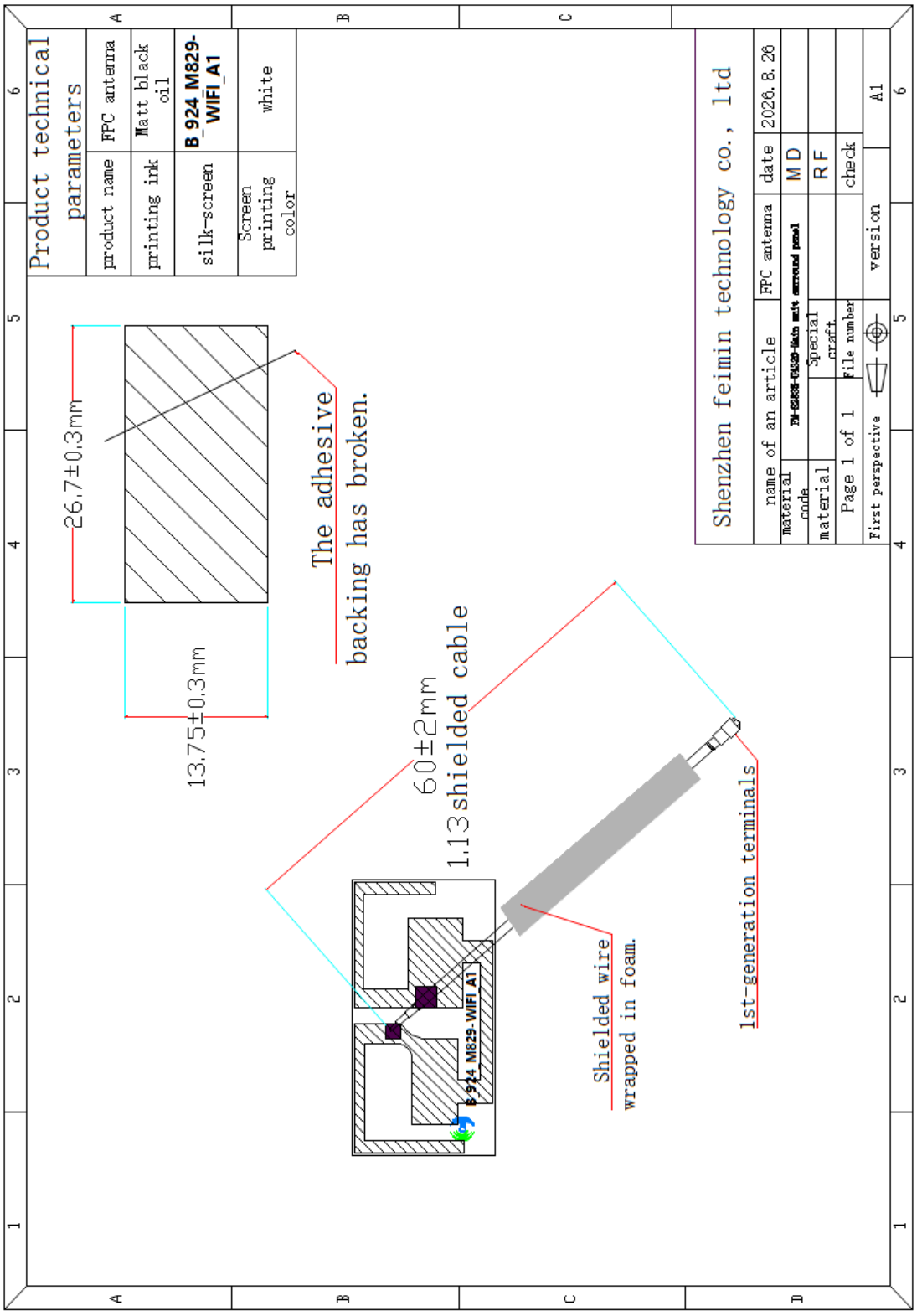
First change:

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

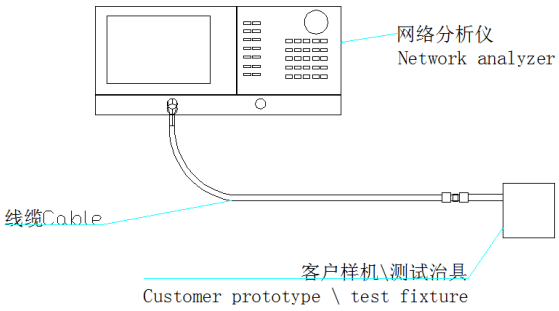


2. Electrical Characteristics

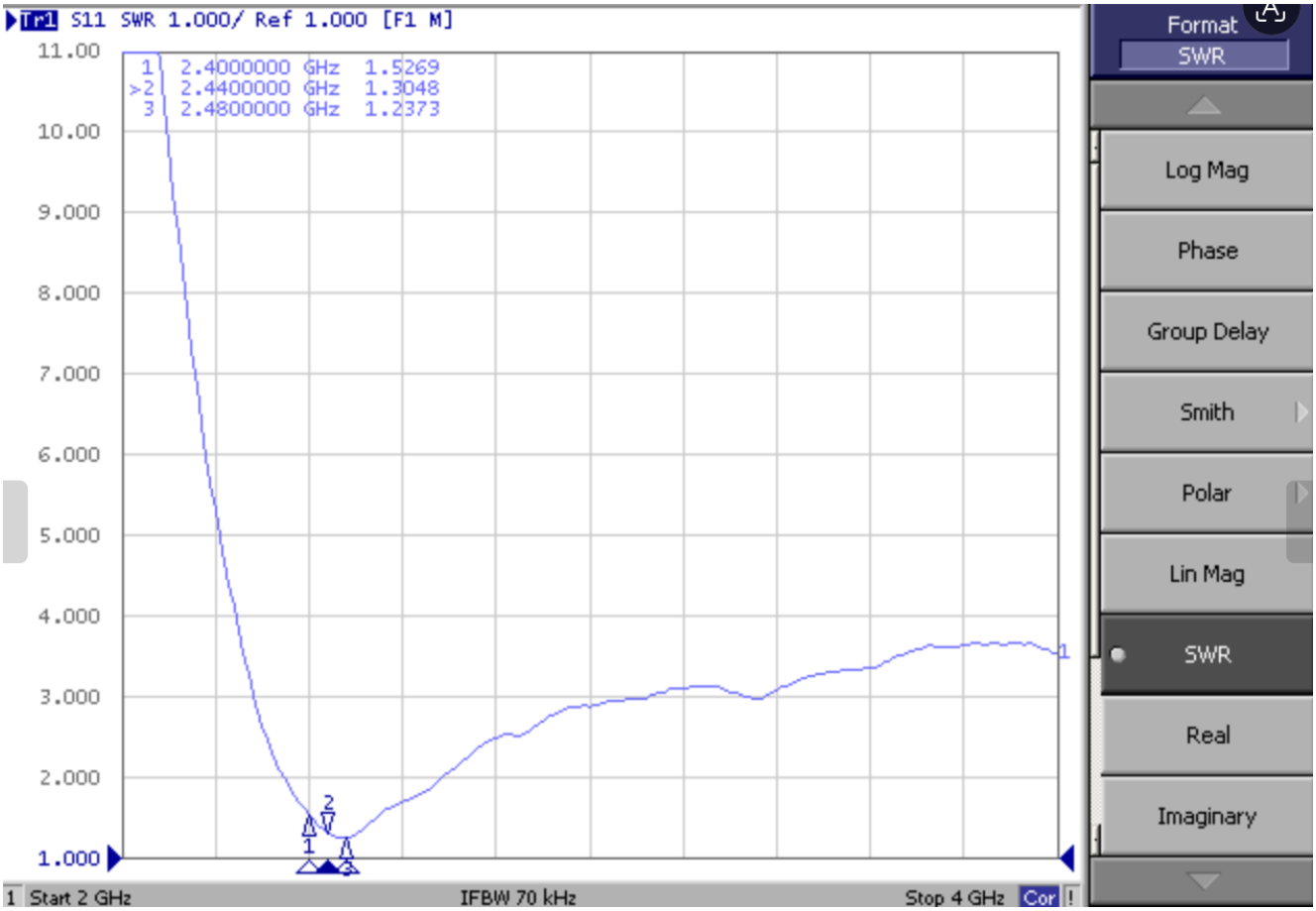
2.1. Test Environment Conditions

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

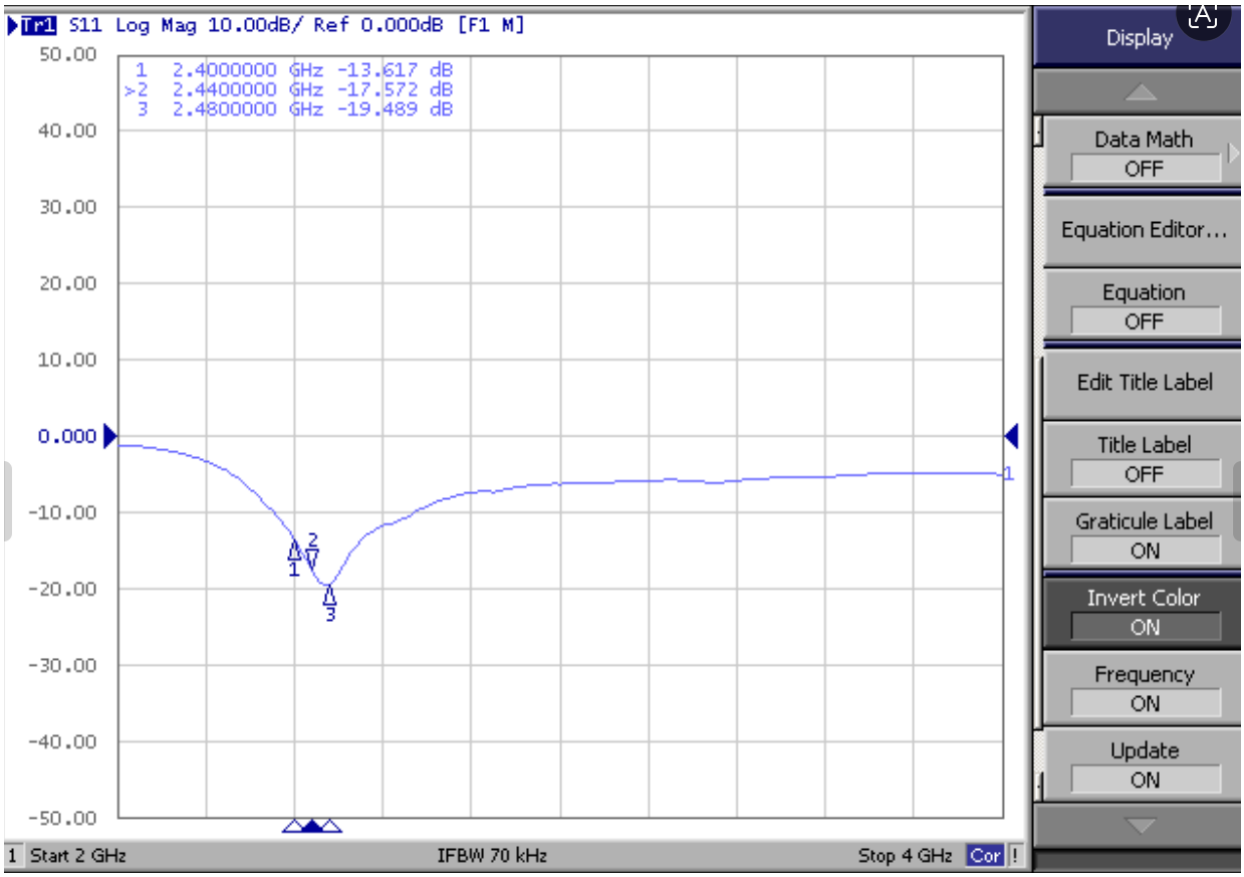
2.2.Measurement method



2.2.2. Antenna VSWR

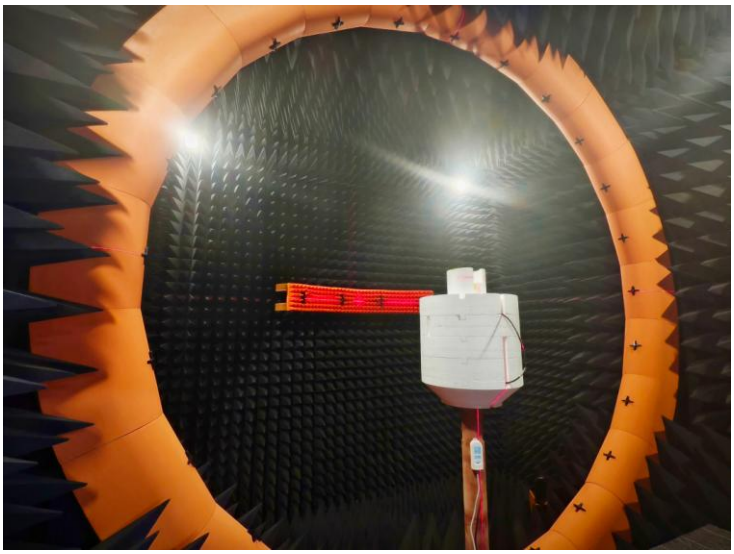


2.2.3. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system

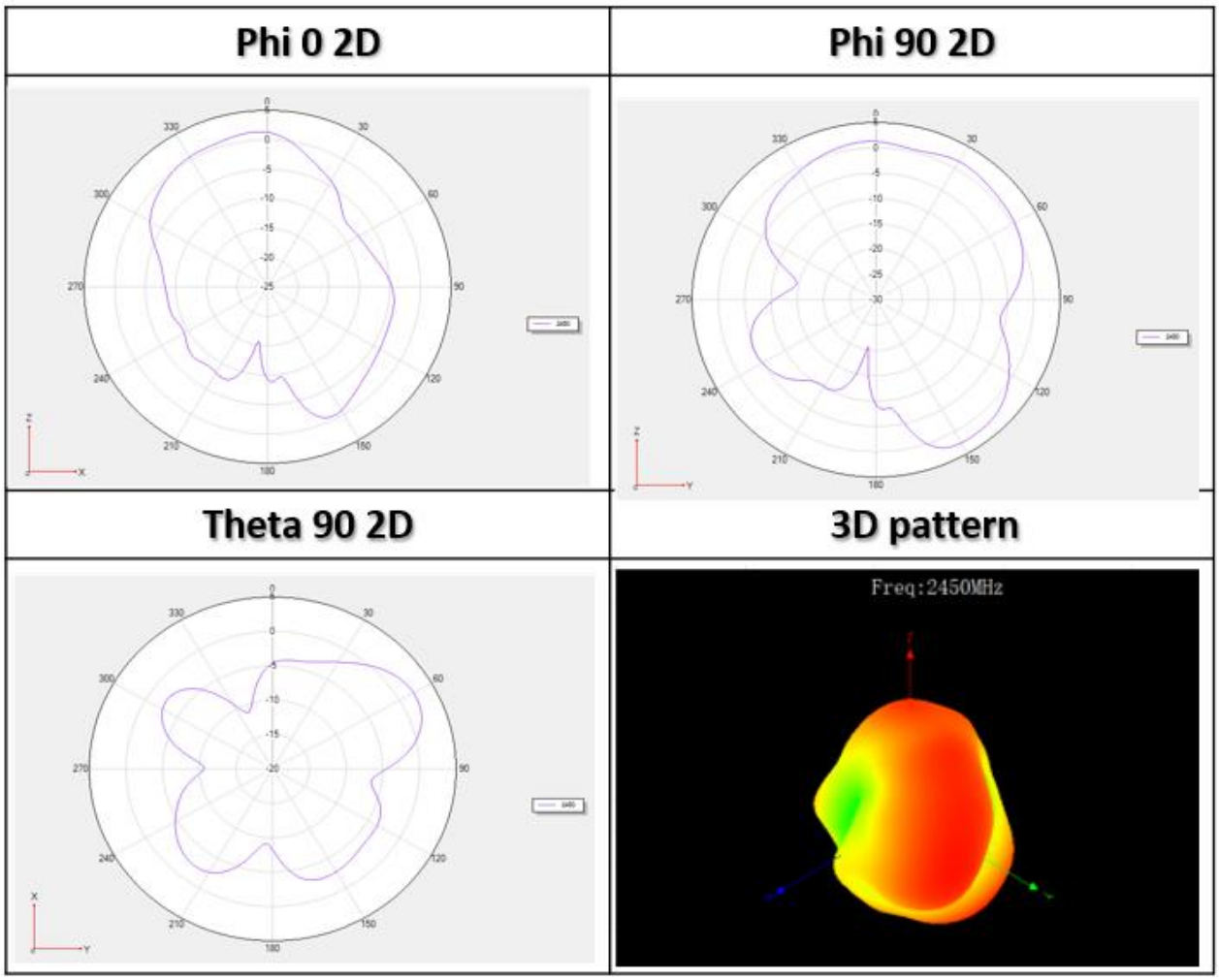


Shenzhen Feimin Technology Co., Ltd. (24-probe OTA microwave darkroom)

2.3.2. Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	62.52	2.49
2410	63.36	2.59
2420	64.83	2.50
2430	66.72	2.48
2440	67.49	2.29
2450	65.58	2.43
2460	66.46	2.32
2470	65.33	2.49
2480	64.70	2.48
2490	62.64	2.33
2500	61.35	2.35

2.3.3. Antenna Radiation Pattern



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

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

The outer label is 7CM long, about 5CM

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。