



ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____ Shenzhen Jingyang Technology Co., Ltd.

PRODUCTS: _____ FPC antenna

PART NO: _____

Spec. : _____ FM-S2808-M3207U

Data: _____ 2026. 6. 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	2026-4-20	First edition
A2	2026-6-18	Update product drawings.

Changes:

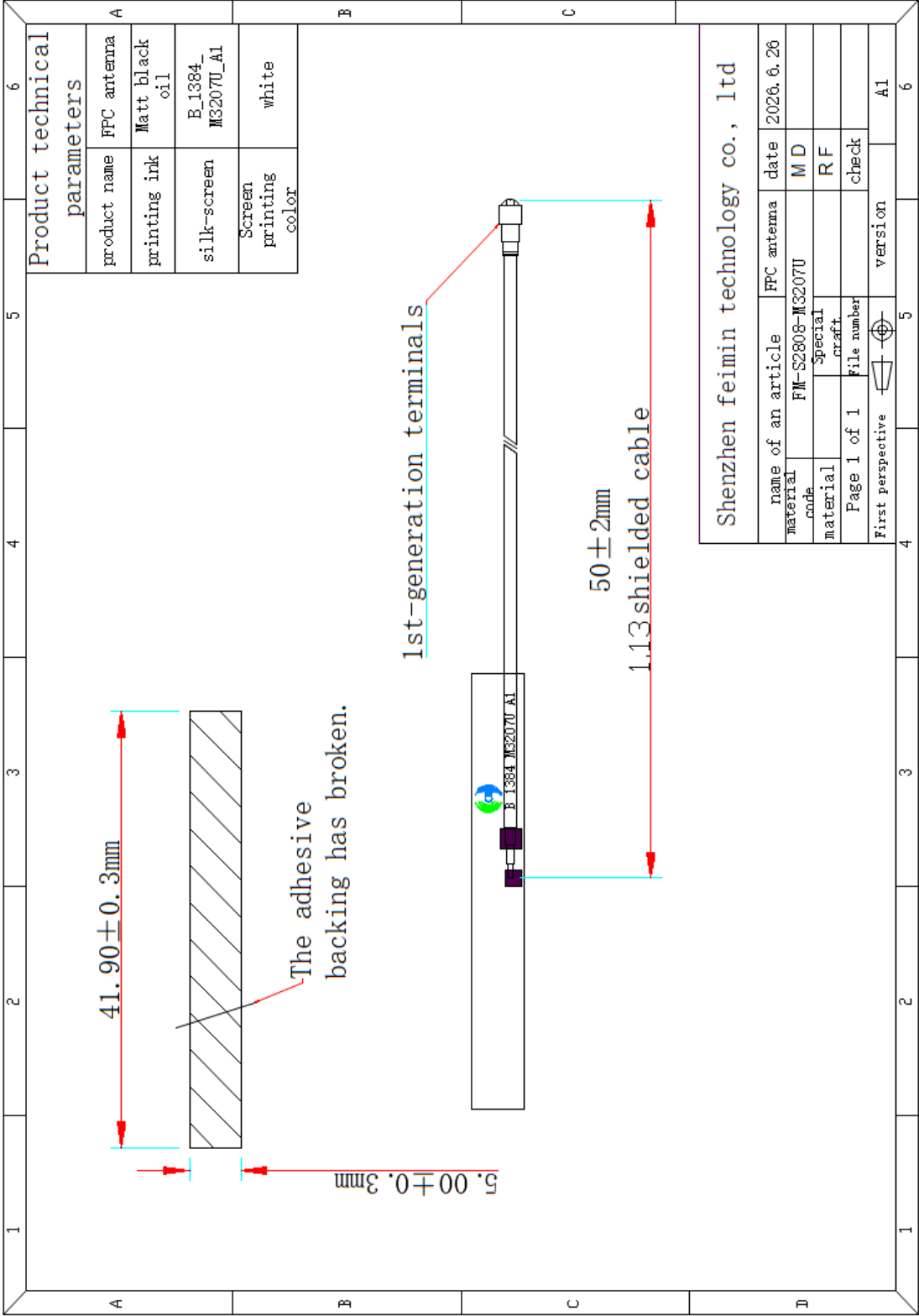
First change:

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

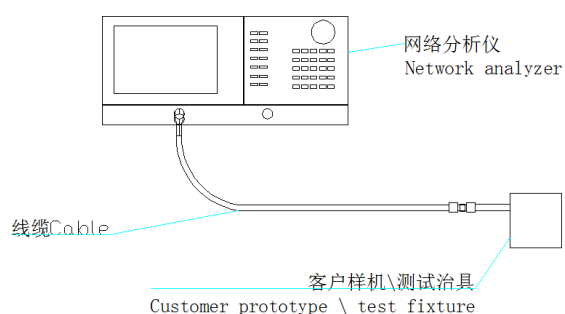


2. Electrical Characteristics

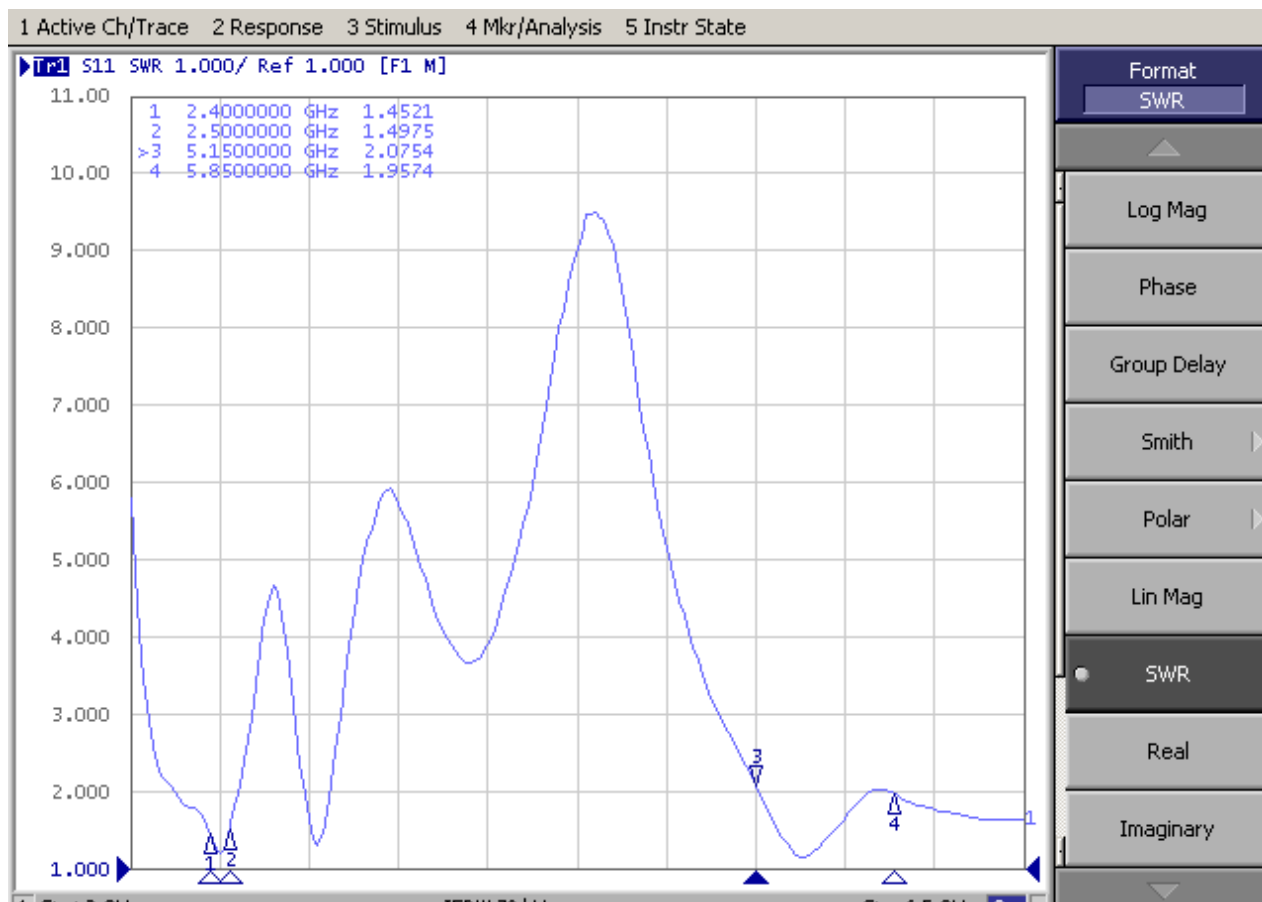
2.1. Test Environment Conditions

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

2.2.Measurement method

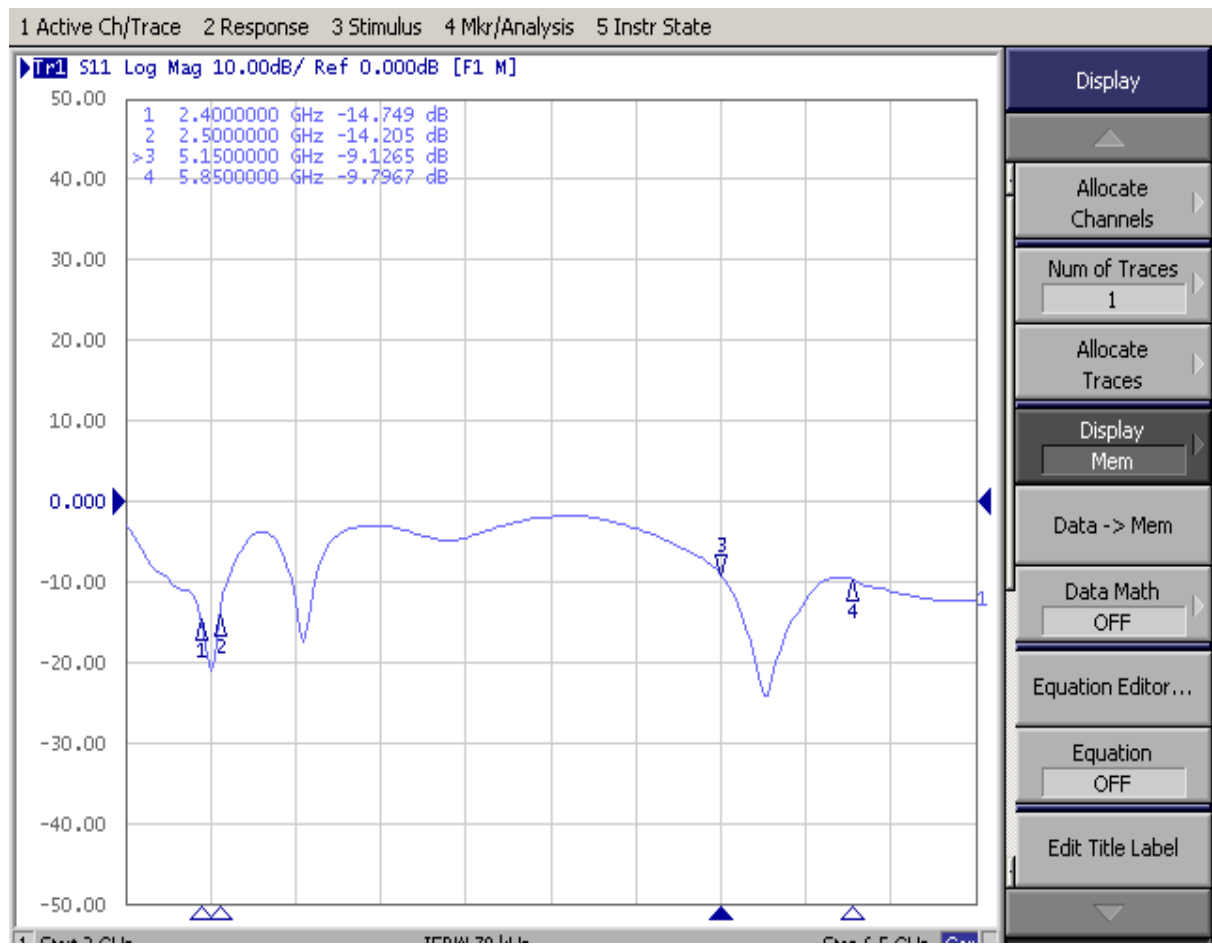


2.2.2. Antenna VSWR



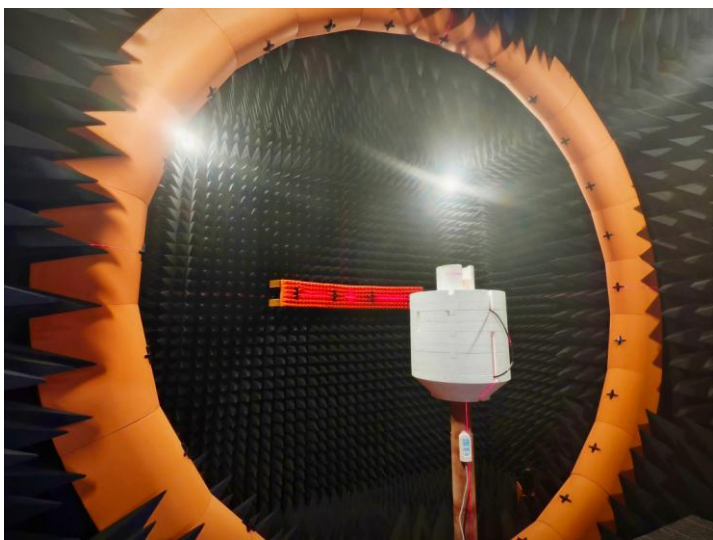
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2.2.3. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



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

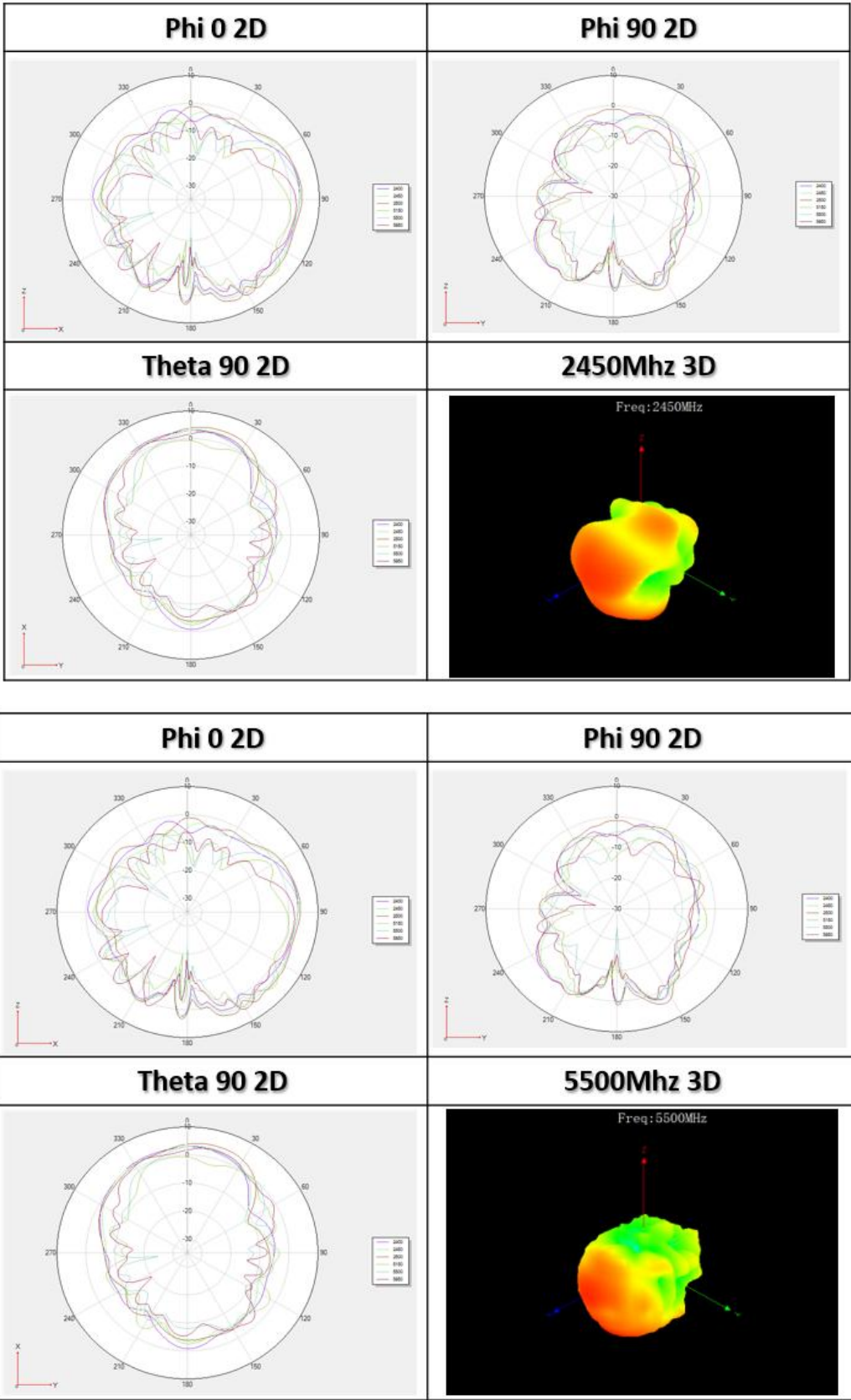
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2.3.2. Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	43.04	1.47
2410	43.58	1.46
2420	43.79	1.53
2430	44.21	1.56
2440	44.45	1.71
2450	44.83	1.64
2460	43.69	1.54
2470	43.31	1.48
2480	42.74	1.56
2490	41.98	1.62
2500	40.25	1.56
5150	42.34	2.18
5200	43.77	2.26
5250	44.16	2.77
5300	44.87	2.34
5350	45.15	2.35
5400	45.67	2.64
5450	45.98	2.73
5500	46.84	2.75
5550	47.56	2.49
5600	48.85	2.46
5650	46.75	2.63
5700	44.65	2.53
5750	44.75	2.67
5800	43.45	2.67
5850	42.37	2.73

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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.			