

ANTENNA SPECIFICATION

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Revision history

version	date	state
A1	2025-2-28	First edition

What was changed:

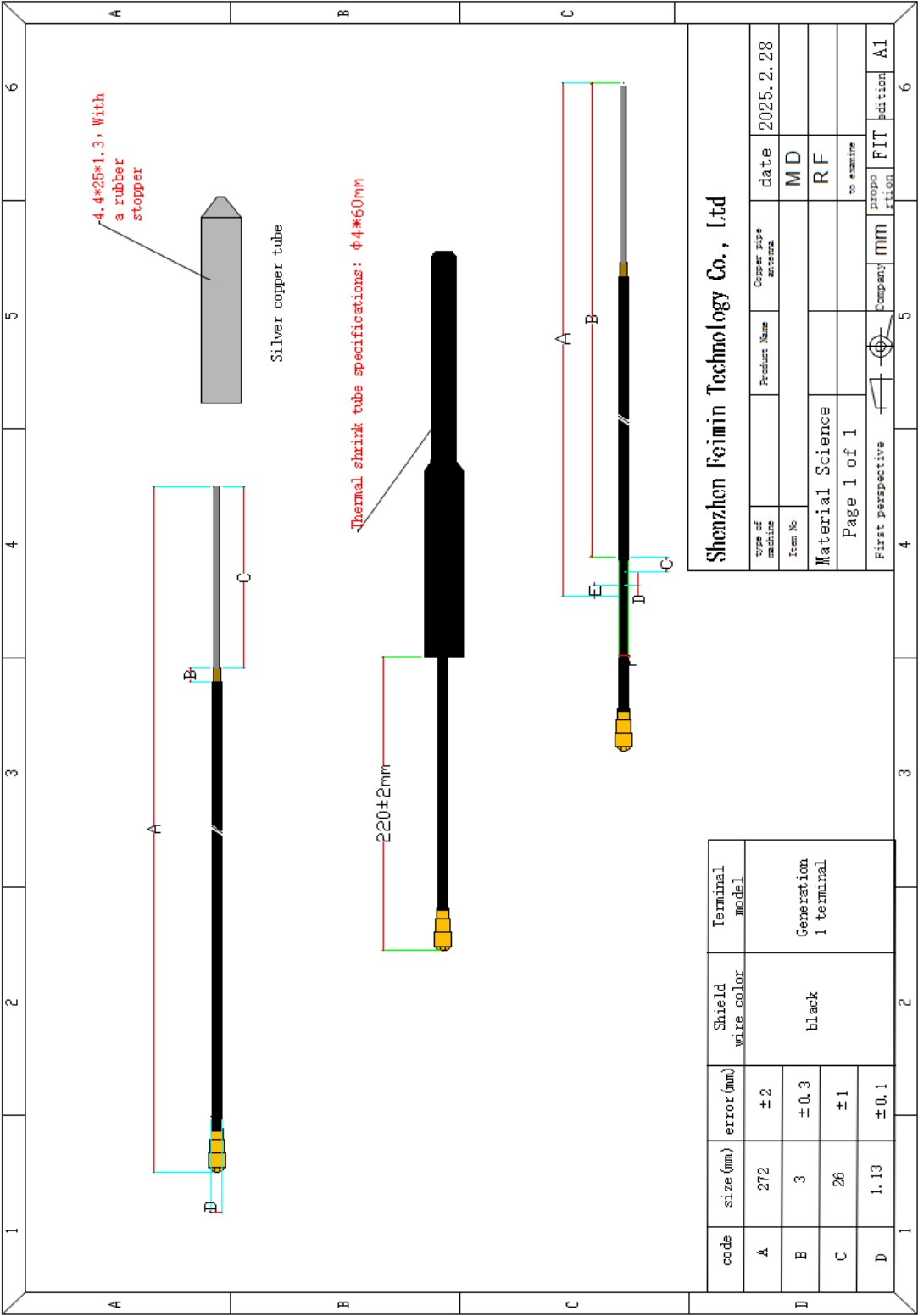
The first change:

Before the change: (If necessary, please add the appropriate picture. The details of the change are clear here)

After the change: (If necessary, please add the appropriate picture. The details of the change are clear here)

1. Project Information

1.1. Appearance and Dimensions

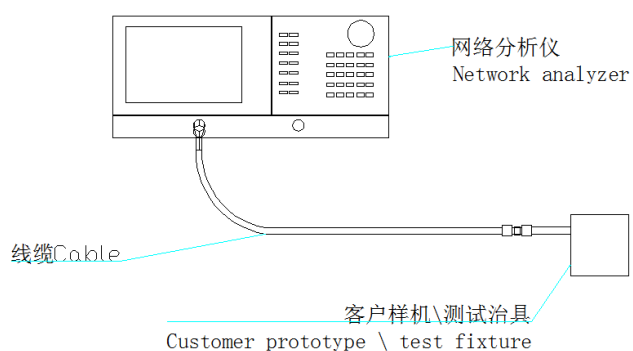


2. Electrical Characteristics

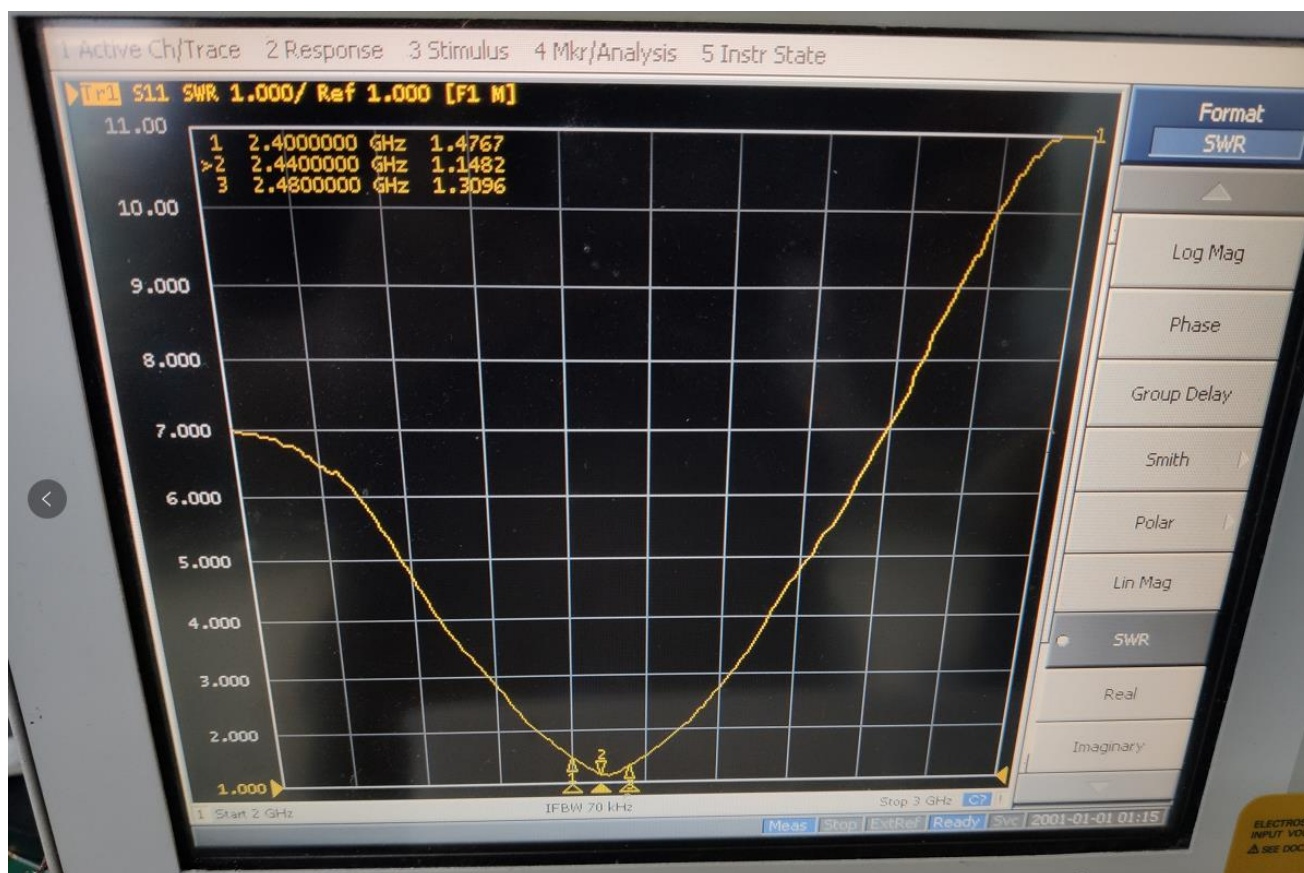
2.1. Test Environment Conditions

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

2.2. Measurement method

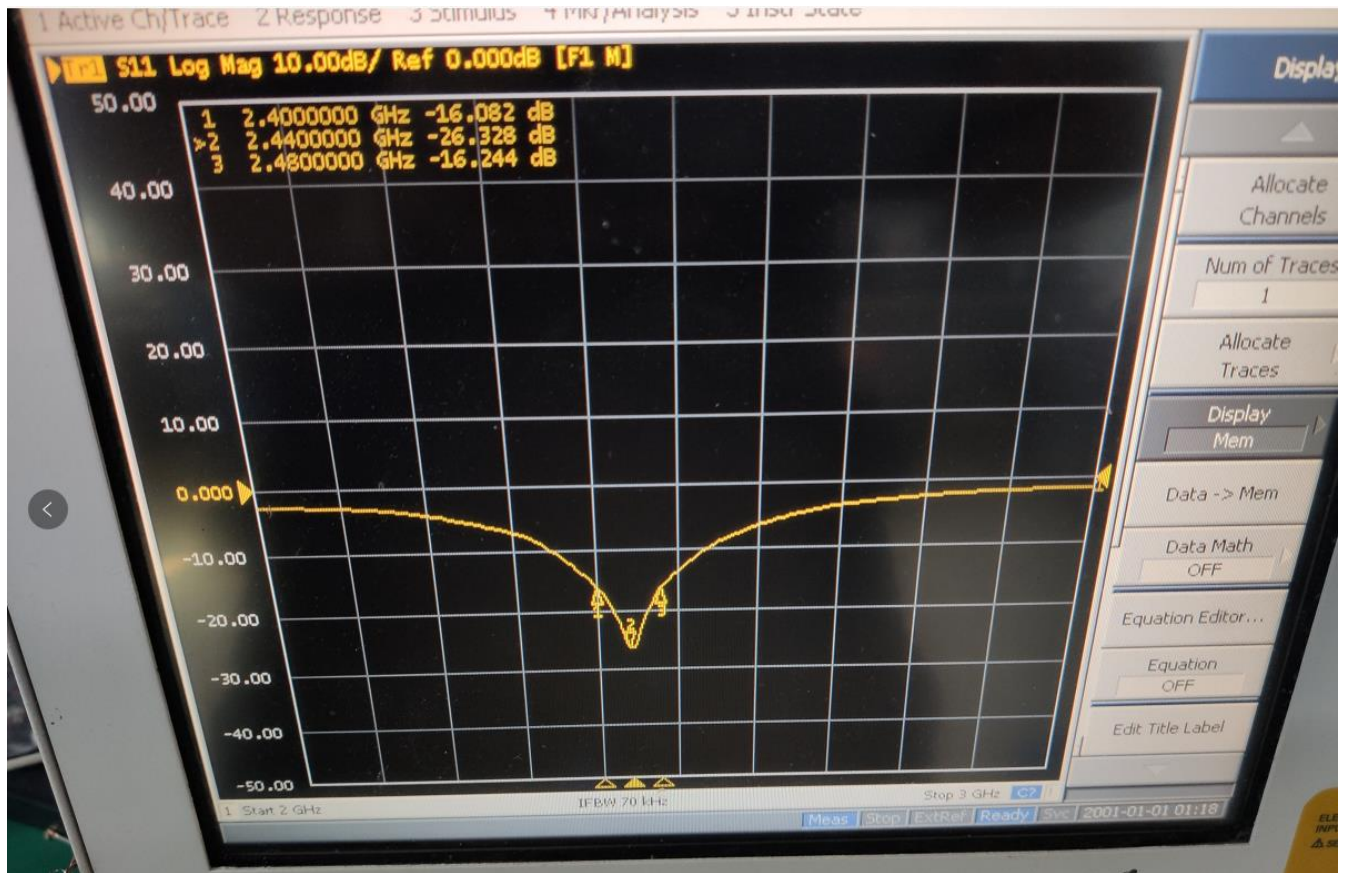


2.2.1. Antenna VSWR



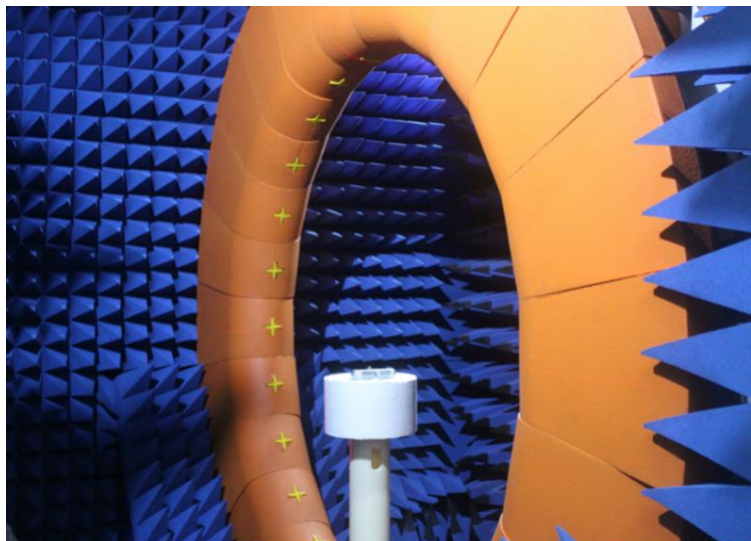
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2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



Shenzhen Flying Sensitive Technology Limited Company (24 probe OTA microwave anechoic chamber)



深圳市飞敏科技有限公司

SHENZHEN CITY FEIMIN TECHNOLOGY.,LTD

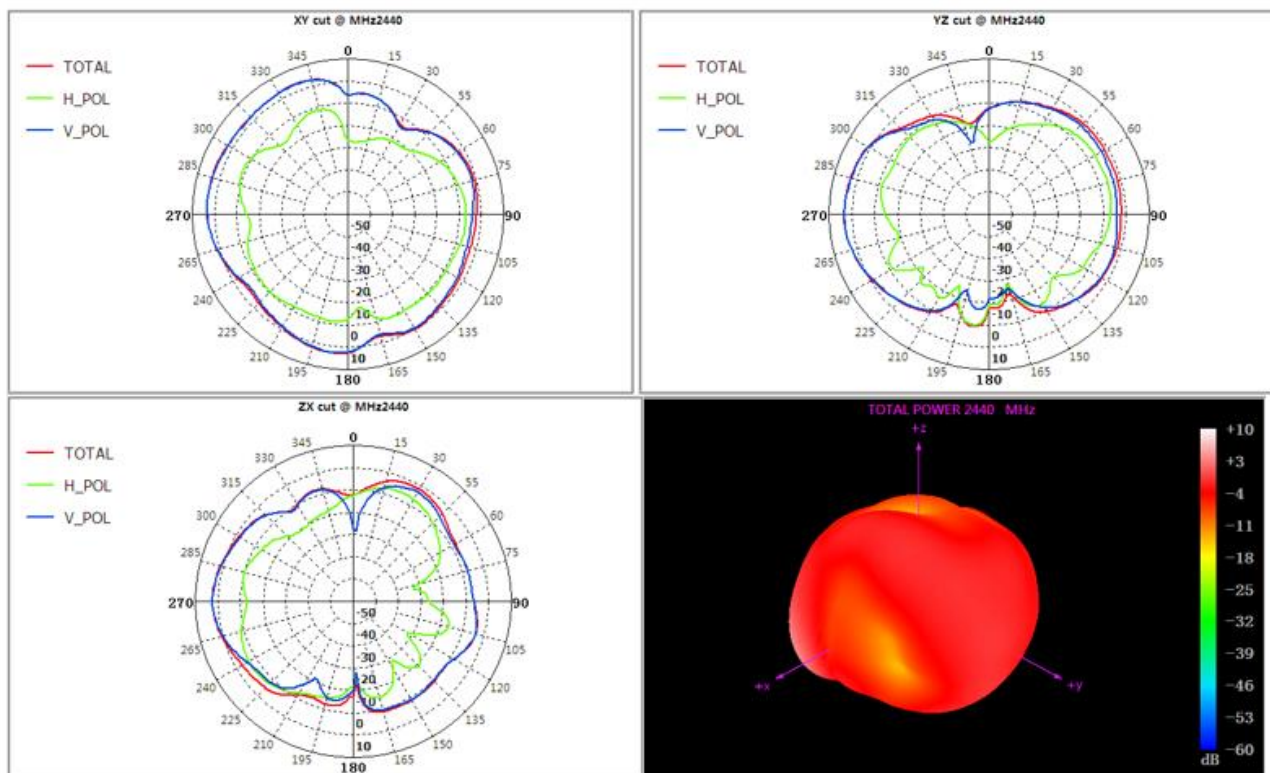
ADD: 303, building C,GUSHU Hengnan Road,Xixiang,Baoan district Shenzhen(3/F,Qiaode Industrial)

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2.3.2 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	2.35	52.63
2410 MHz	2.57	55.15
2420 MHz	2.91	56.34
2430 MHz	3.05	58.5
2440 MHz	3.08	60.37
2450 MHz	3.25	62.67
2460 MHz	3.02	61.52
2470 MHz	2.96	59.23
2480 MHz	2.85	57.55
2490 MHz	2.73	56.29
2500 MHz	2.68	55.09

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 performance.

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: Copper pipe 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.			

