



ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____ Shenzhen Angsi Technology Co., Ltd.

PRODUCTS: _____ FPC antenna

PART NO: _____ 3.01015.0069

Spec. : _____ FM-S1882-2115-WiFi

Data: _____ 2026.10.16

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	2026-10-16	First edition

Changes:

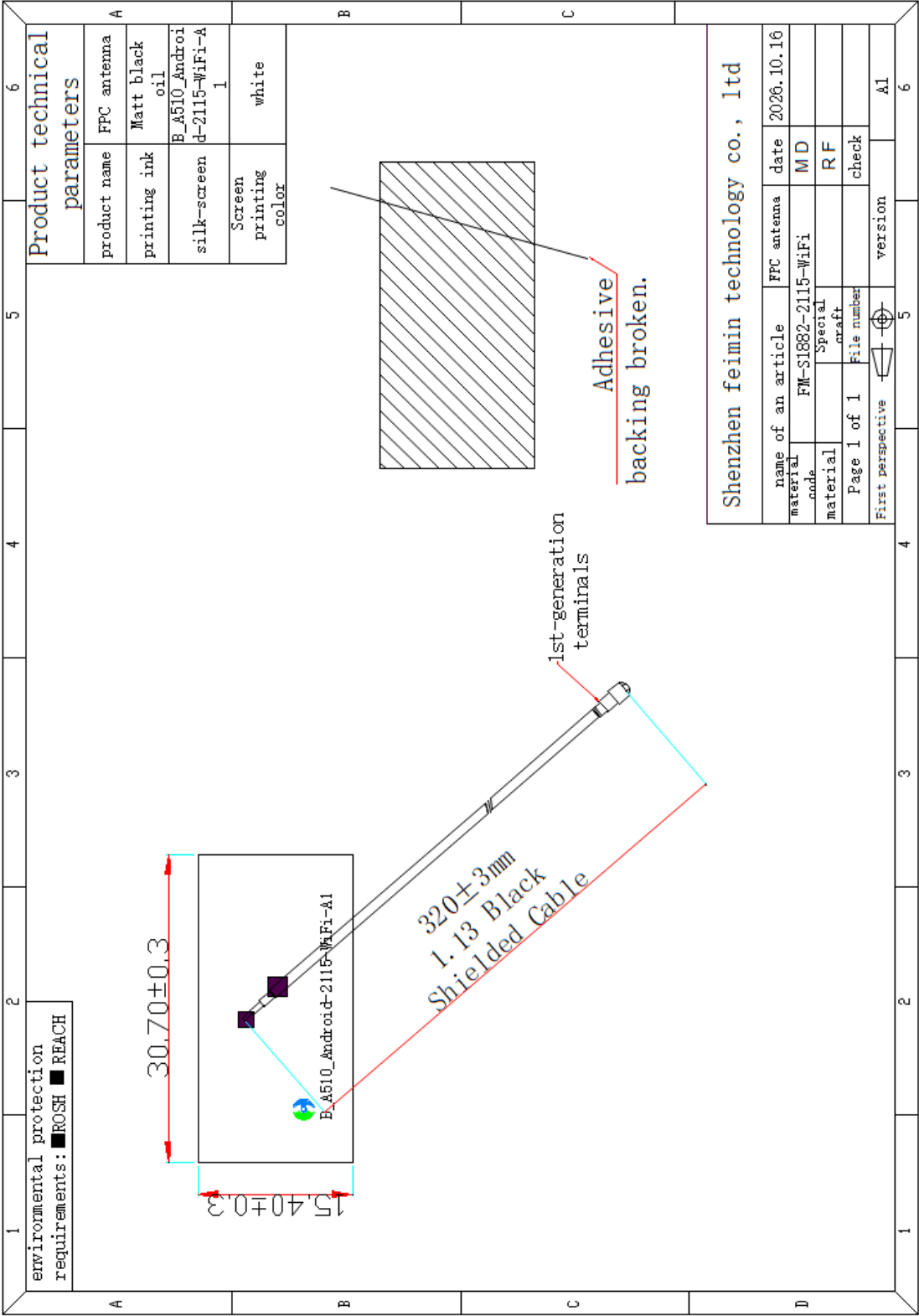
First change:

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

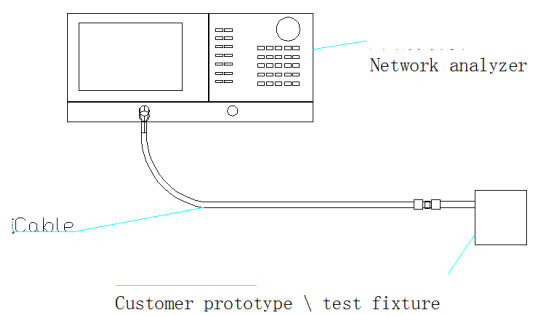


2. Electrical Characteristics

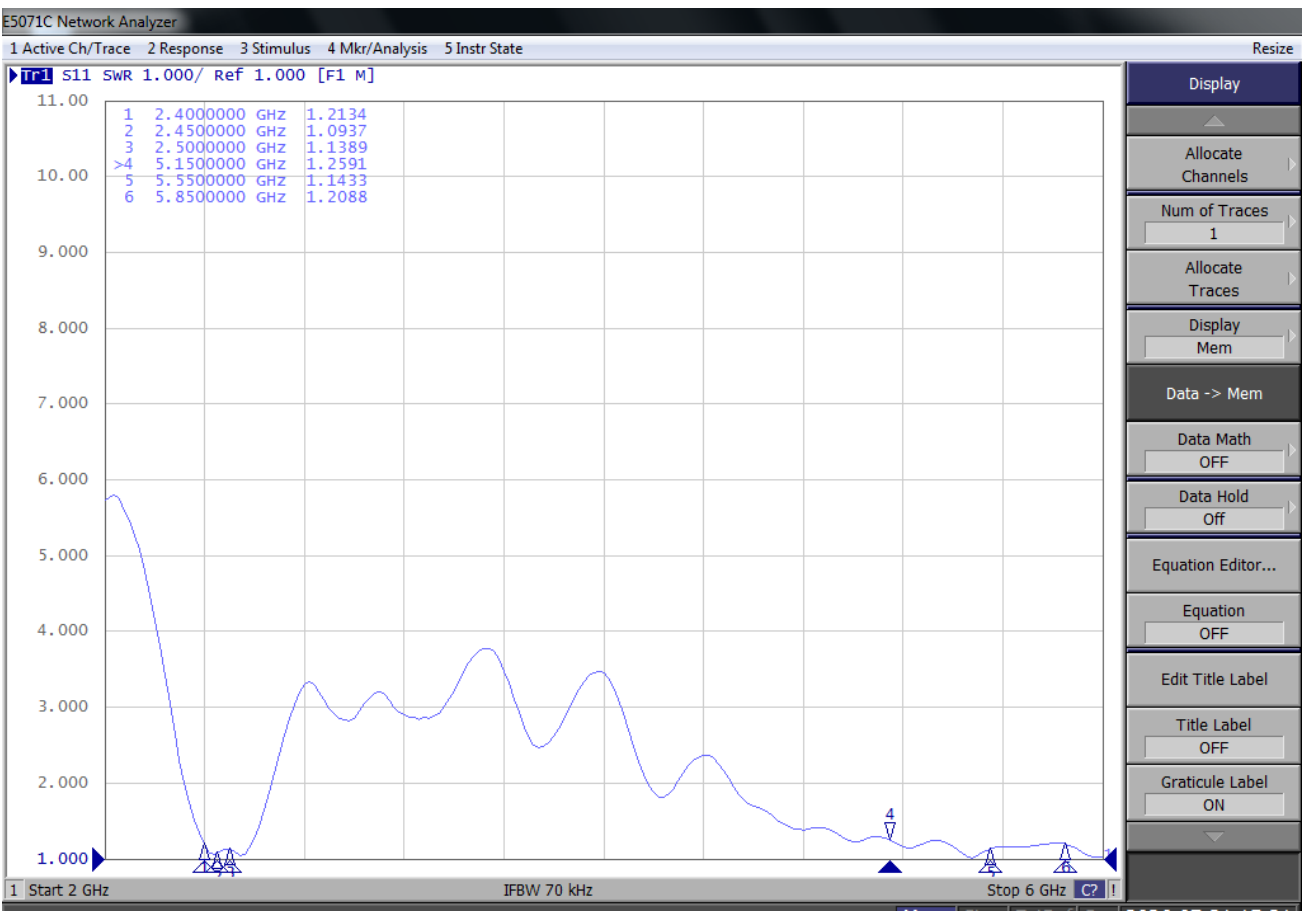
2.1. Test Environment Conditions

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

2.2.Measurement method

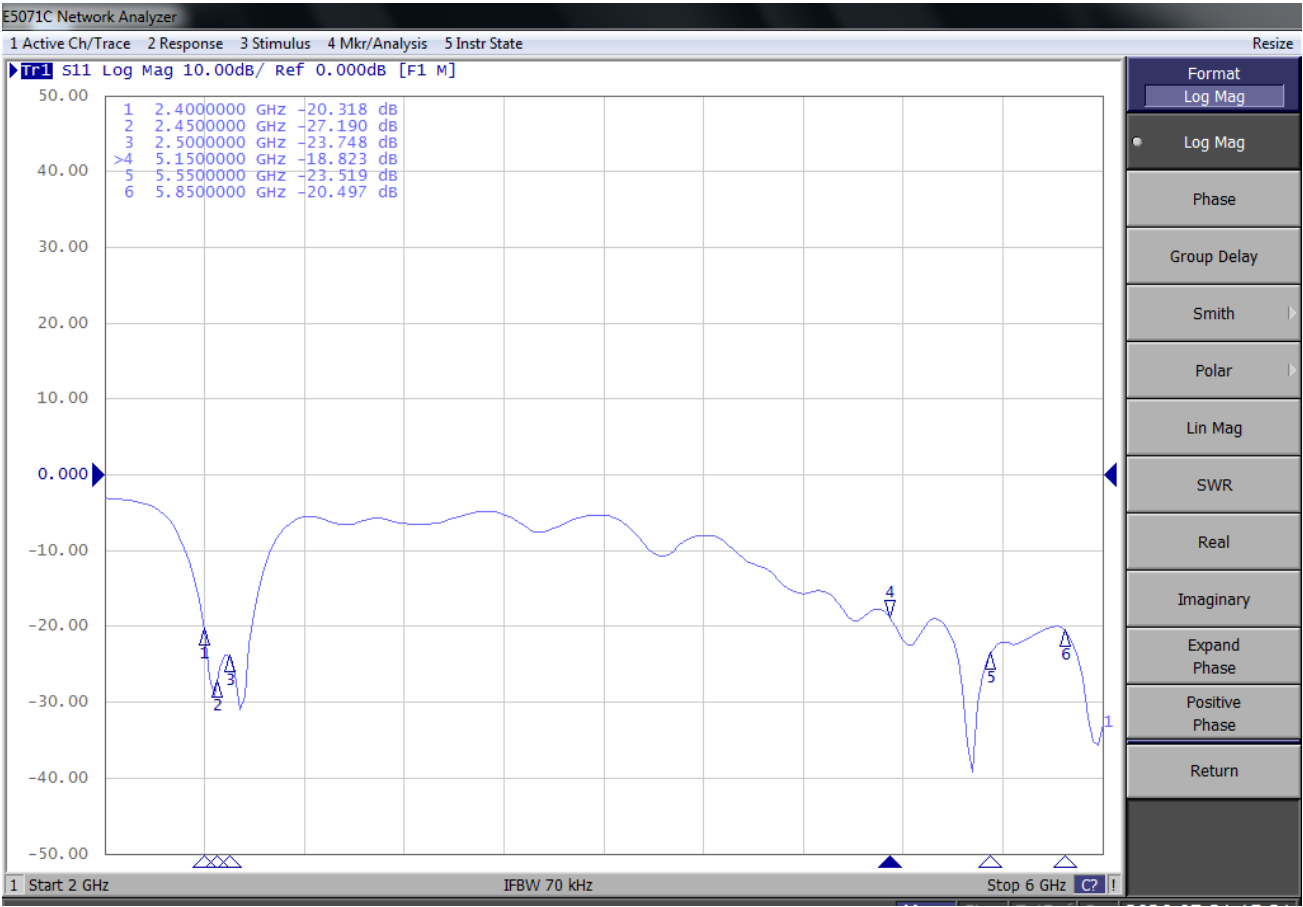


2.2.1. Antenna VSWR



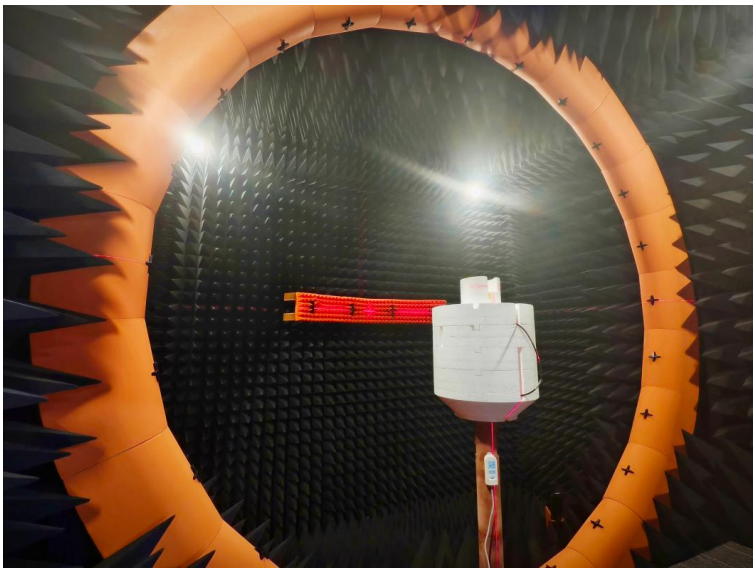
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2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



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

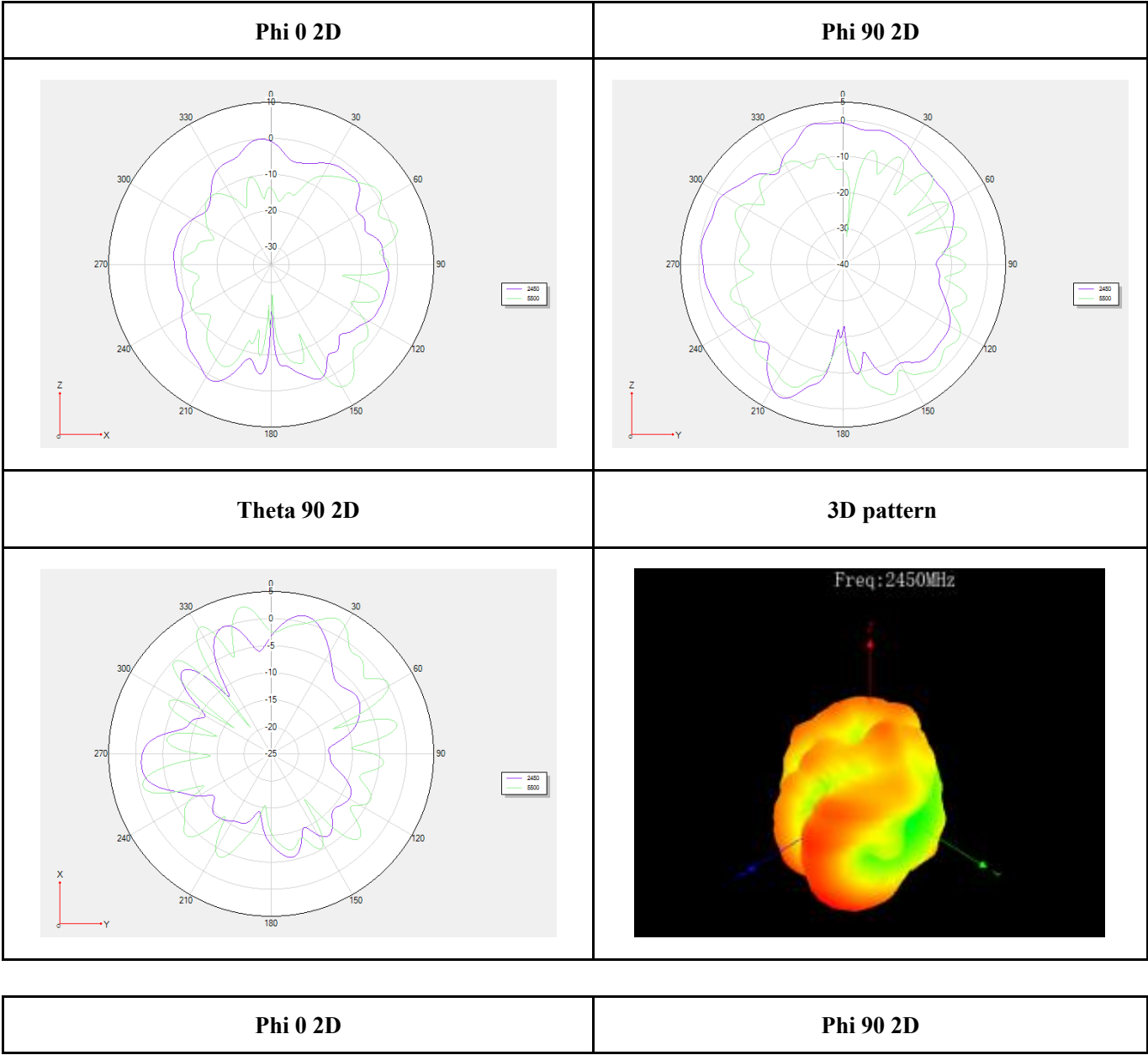
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2.3.2. Antenna efficiency and gain

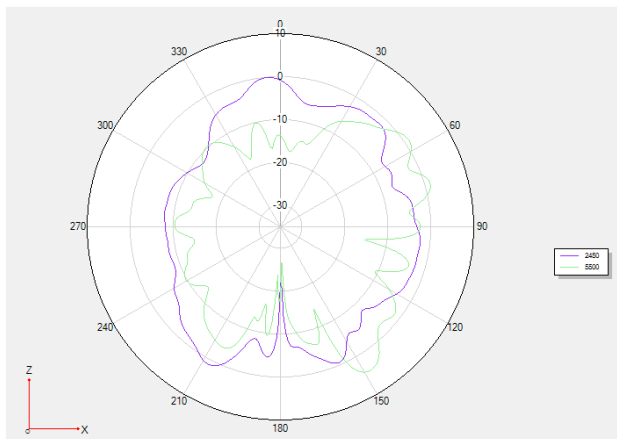
Frequency (MHz)	Efficiency(%)	Gain(dB)
2400	47.93	1.7
2410	47.88	2.16
2420	48.6	2.43
2430	49.33	2.05
2440	51.23	2.39
2450	50.08	2.04
2460	52.88	2.11
2470	50.76	1.91
2480	48.98	1.42
2490	47.21	1.29
2500	46.13	1.24
5150	54.33	3.77
5200	52.36	3.58
5250	53.7	3.81
5300	55.85	3.94
5350	54.2	3.91
5400	53.21	3.92
5450	52.97	3.89
5500	57.15	3.97
5550	57.28	3.95
5600	53.46	3.71
5650	51.76	3.86
5700	53.33	3.77
5750	47.21	3.8
5800	44.16	3.35
5850	46.24	3.55

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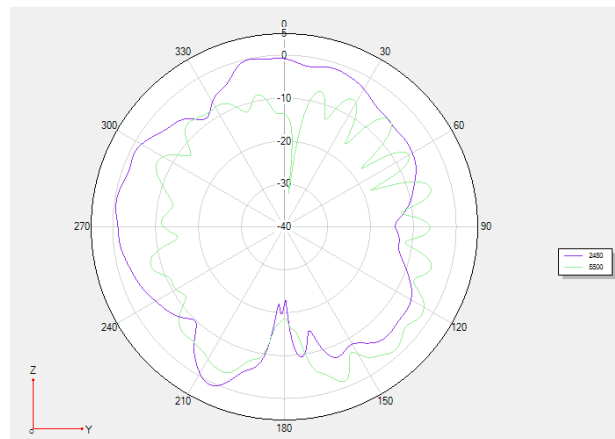
2.3.3. Antenna Radiation Pattern



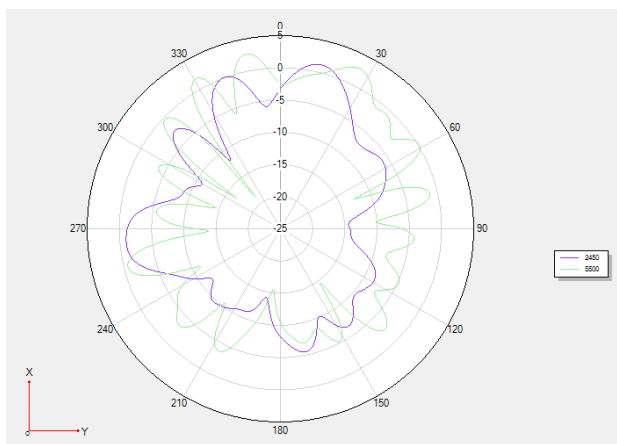
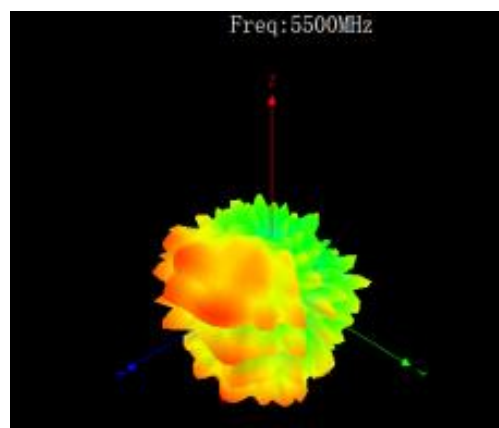
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Theta 90 2D



3D 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 acknowledgment 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.
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:

- 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.
- Each box contains __ large bags of products, and the boxes are sealed with adhesive tape in the shape of "I".
- 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.