



ShenZhen City FeiMin Technology CO., LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: _____ Spich Technology Co Ltd _____

PRODUCTS: _____ 2.4G Antenna _____

PART NO: _____ C026000001704 _____

Spec. : _____ FM-S1720-M12 _____

Data: _____ 2022. 3. 10 _____

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY
XuanYang	XingxiXia	DongdongMa

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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ANTENNA SPECIFICATION

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Revision history

version	date	condition
A1	2022-3-10	First edition

Changes:

First change:

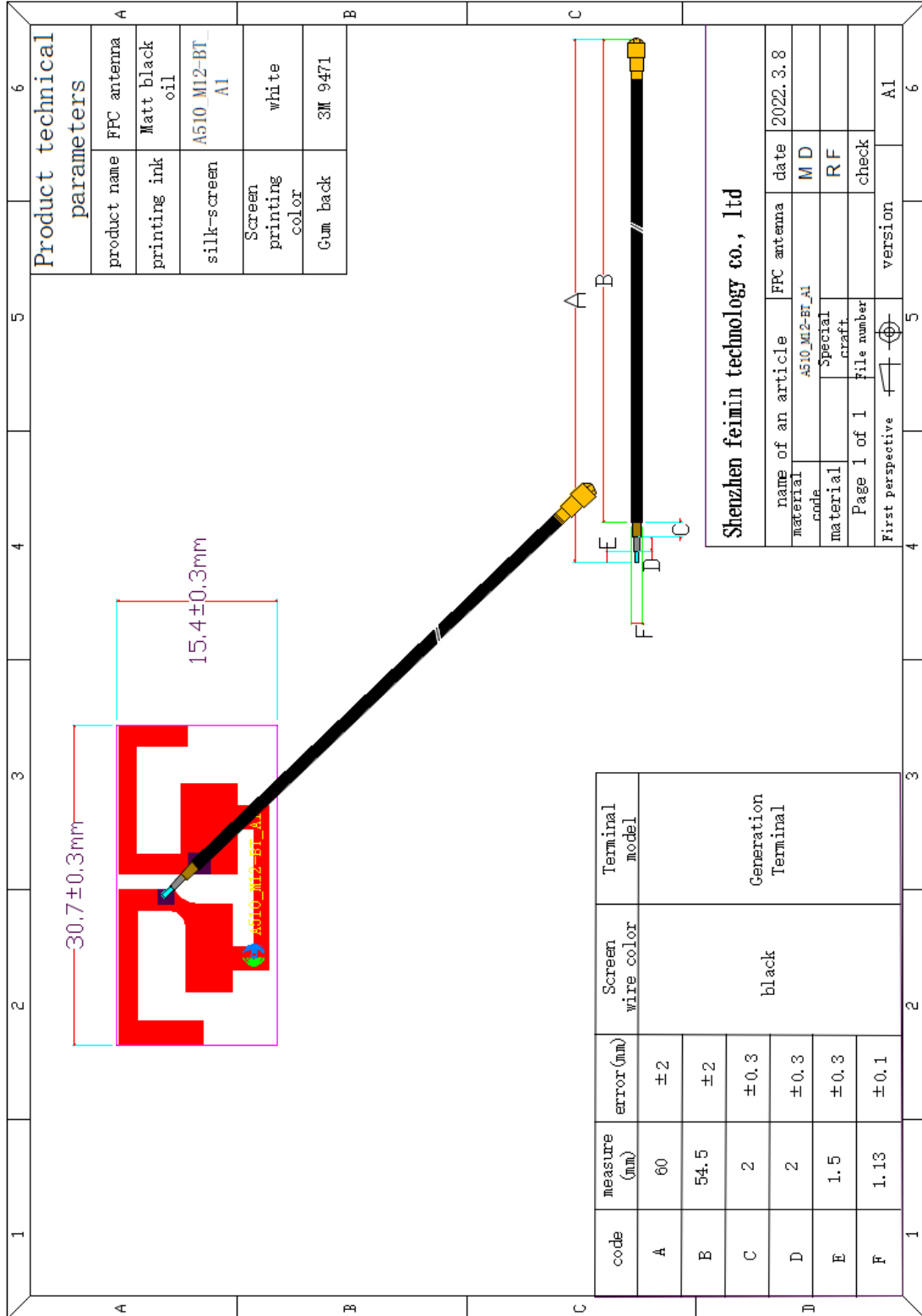
Before the change: (If necessary, please add corresponding pictures, and the details of the change should be clearly described here)

After the change: (If necessary, please add corresponding pictures, and the details of the change should be clearly described here)

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1. Project Information

1.1. Appearance and Dimensions



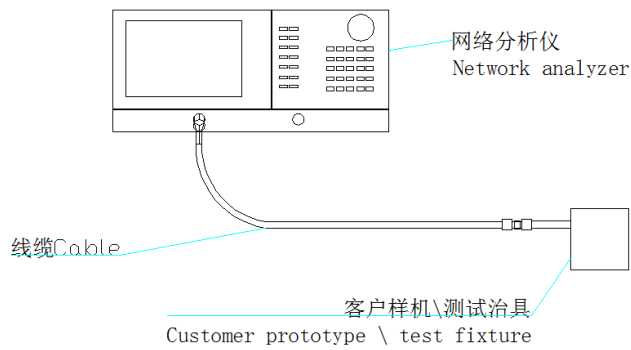
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2. Electrical Characteristics

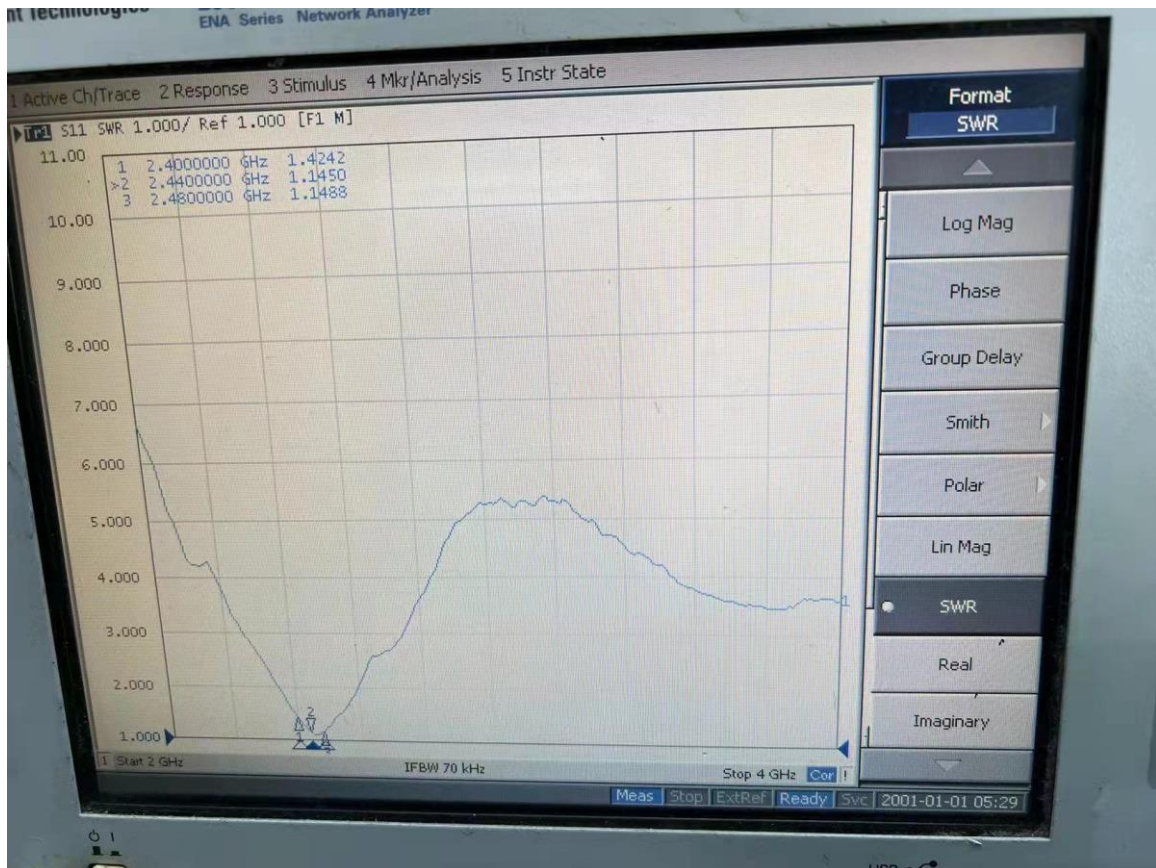
2.1. Test Environment Conditions

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

2.2. Measurement method

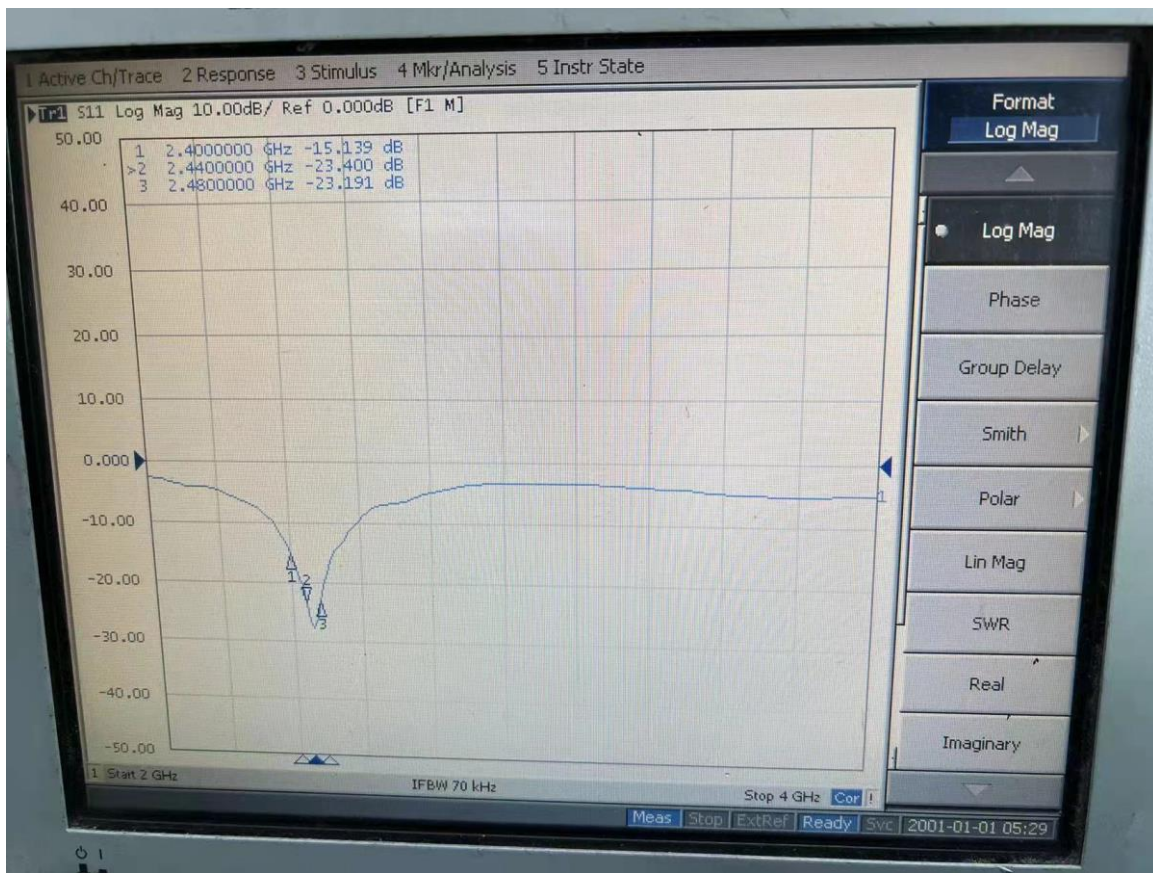


2.2.1. Antenna VSWR



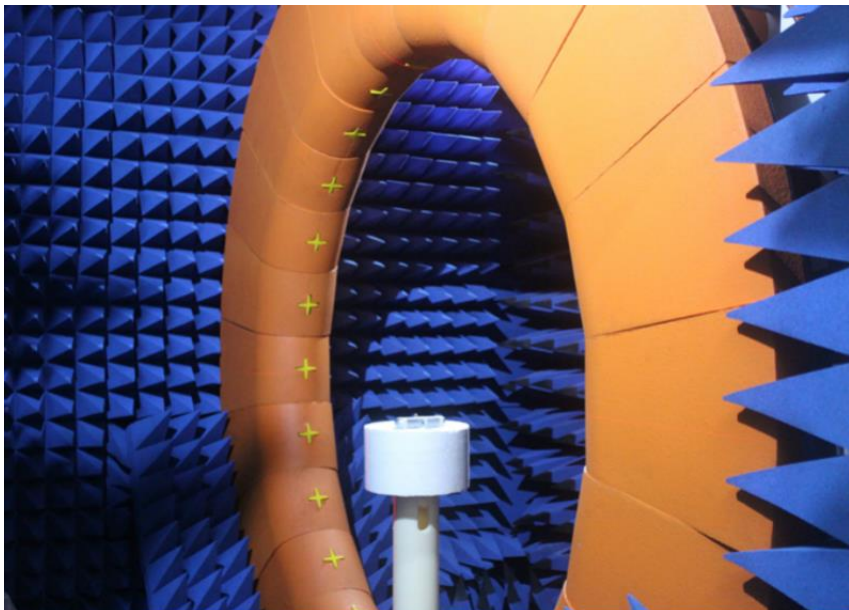
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2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



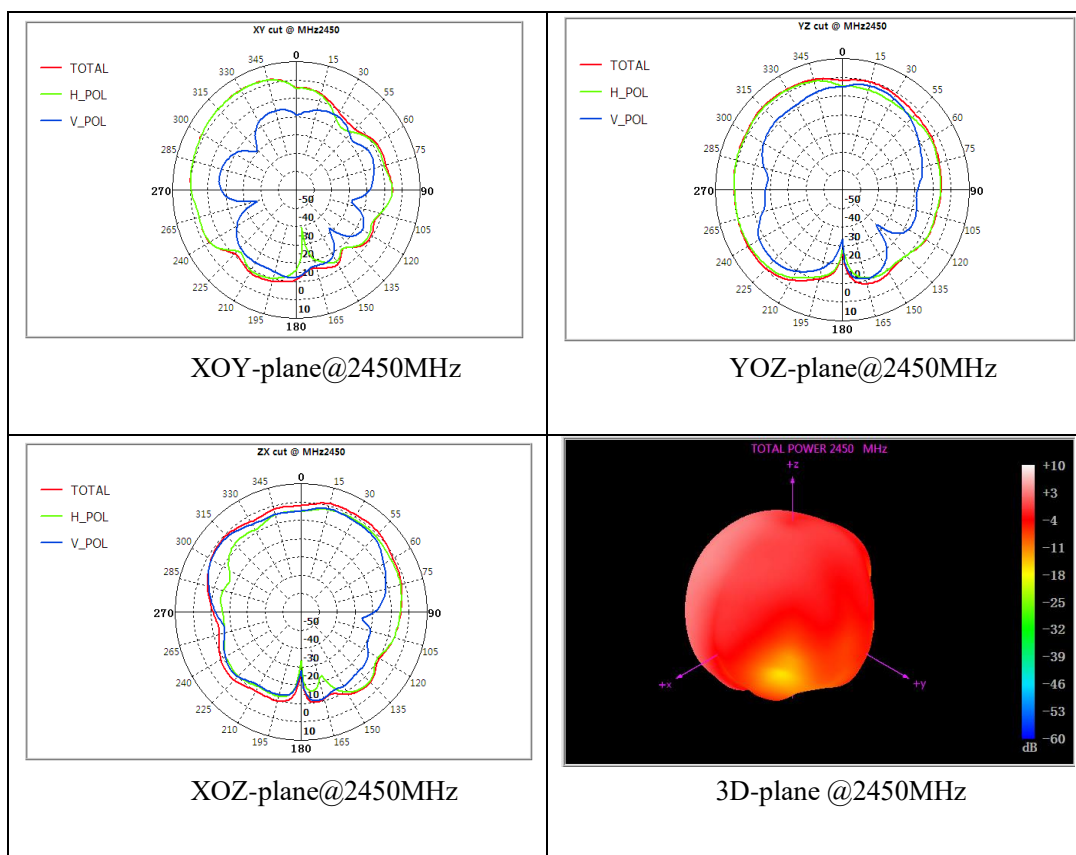
Shenzhen Fimin Science and Technology Limited Company (24 probe ATA Chamber)

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2.3.2 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	3.19	54.34
2410 MHz	3.01	53.08
2420 MHz	3.27	54.65
2430 MHz	3.49	55.85
2440 MHz	3.66	57.2
2450 MHz	3.02	60.67
2460 MHz	3.23	61.51
2470 MHz	3.3	62.24
2480 MHz	3.34	62.8
2490 MHz	3.16	61.07
2500 MHz	3.13	60.84

2.3.2. Antenna Radiation Pattern



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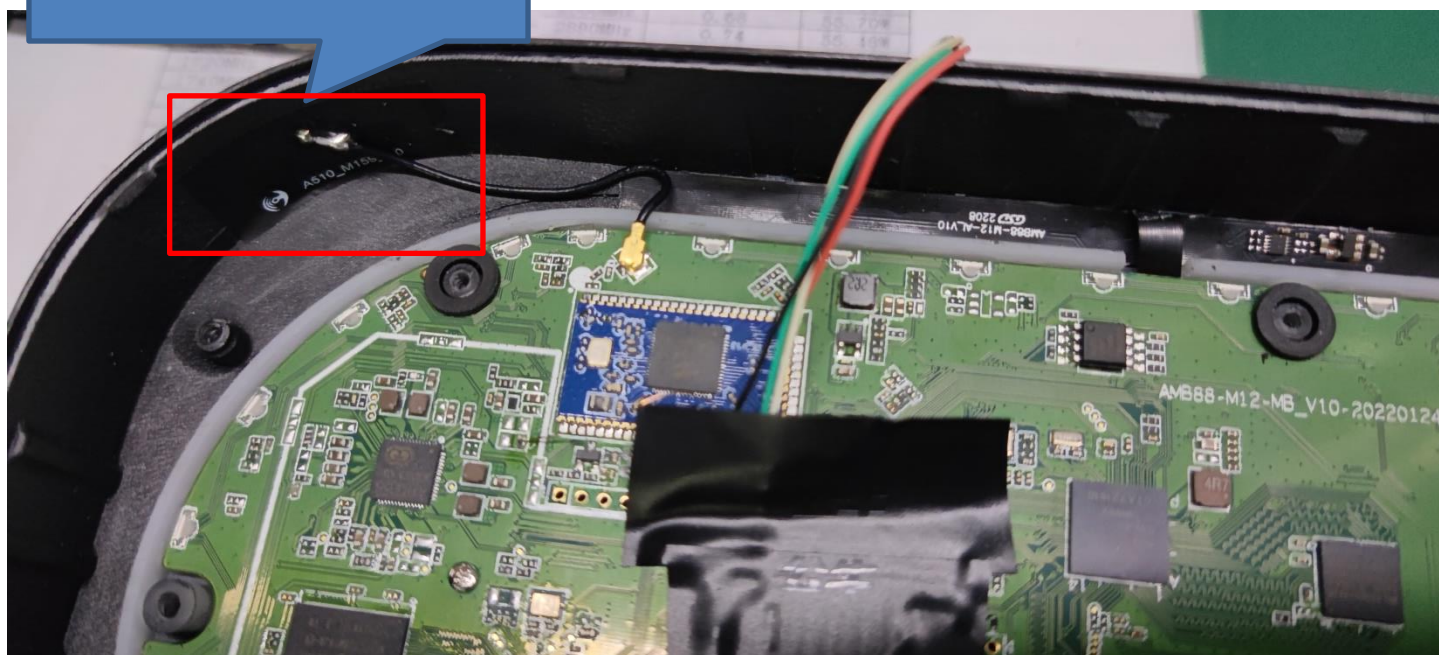
3. Notes

1, the installation should not be too close to the metal part to avoid affecting the antenna performance.

2, this antenna is only applicable to this model, the position of the antenna can not be changed at will, if used on other machines to cause the effect to deteriorate, has nothing to do with our company.

3, The data used in this acknowledgment (such as antenna efficiency, gain, etc.) are obtained from the test of this acknowledgment item / antenna in the laboratory of Shenzhen Feimin Technology Co., Ltd.

BT Installation Position, 1.13 * 60mm
Screen Wire Solder FPC, Generation
IPEX



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4. Product packaging specification

Product Name: 2.4G Antenna

1、Labeling requirements

The inner label is 7CM long and 4CM wide

The outer label is 7CM long, about 5CM

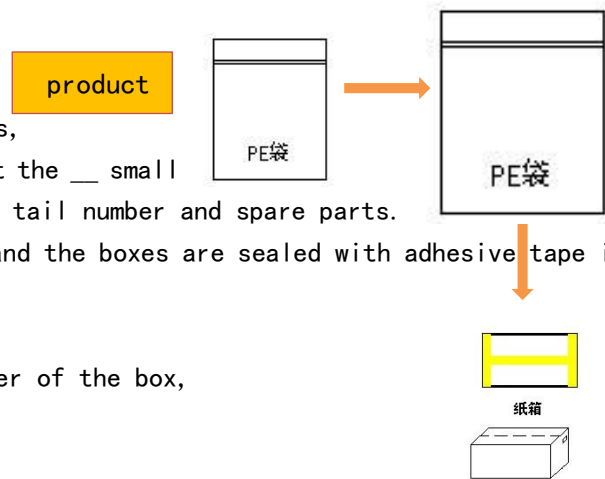
supplier	Shenzhen Feimin Technology Co., Ltd.
product name	*****
Material coding	*****
Specifications	*****
quantity	***PCS

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.