

# FN-LINK TECHNOLOGY Ltd.

## Letter of admission

CUSTOMER APPROVED BY		
Approved by	Checked by	Prepared by

SUPPLIER APPROVED BY		
Approved by	Checked by	Prepared by

Supplier Name: Ouzhitong Technology Co., Ltd

Supplier Address: 14th Floor, Block B, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Bao'an District, Shenzhen

Supplier Factory: No. 8 Litong Road, Liuyang Economic Development Zone, Changsha City, Hunan Province

Supplier's phone number: 86-755-2955-8186

Supplier website: [www.fn link.com](http://www.fnlink.com)

## antenna testing

Customer	Cobos
Project Name	4A8-1000-1700
Customer NO.	
specification	FPC antenna 4A8-1000-1700 black oil white characters; Size 39.81X8MM; Line length 60MM Line diameter 1.13 gray; With 1 generation IPEX; ROHS 39.81*8.0
Supplier NO.	
Specification NO.	
Write by	Pan Yilin
REV.	Ver.1
Date	2024-1- 29

Note	
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Version change log				
Change date	Change content	version	Change person	Approved by


## one. Recognition Letter Project Table (Index)

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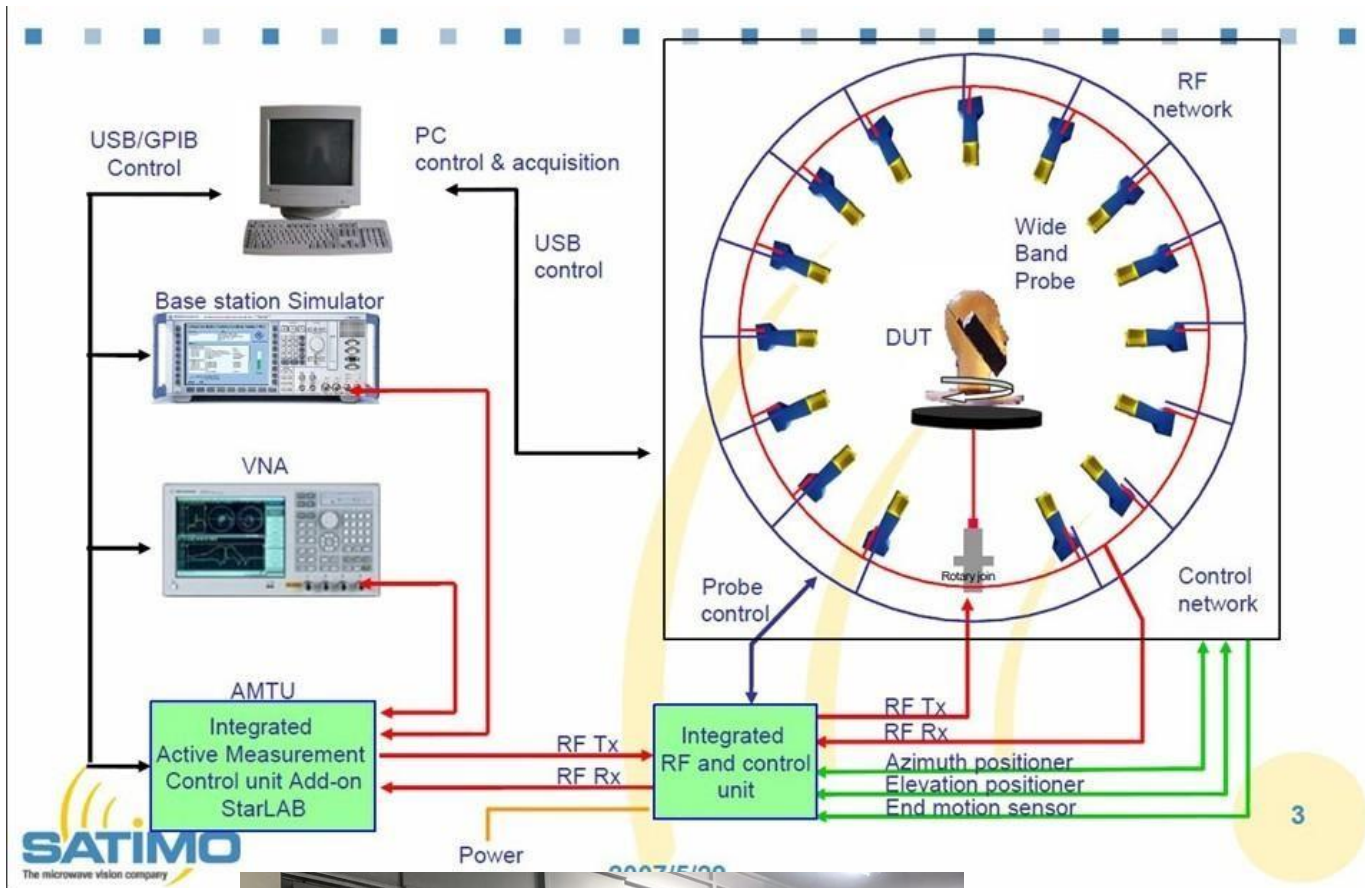
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## two. (Test Equipment & Conditions)

**1.1 .Network Analyzers : KEYSIGHT P5002A1.2 Communications Test Set: R&S CMW 500**

**1.3 .3D Chamber Test System: 24 探头测试系统 (24 probe testing system)**

1. (Testing principle diagram of microwave anechoic chamber)



This report summarizes the electrical performance results of the antenna for the project, including the S11 parameters, Gain, and Efficiency of the antenna

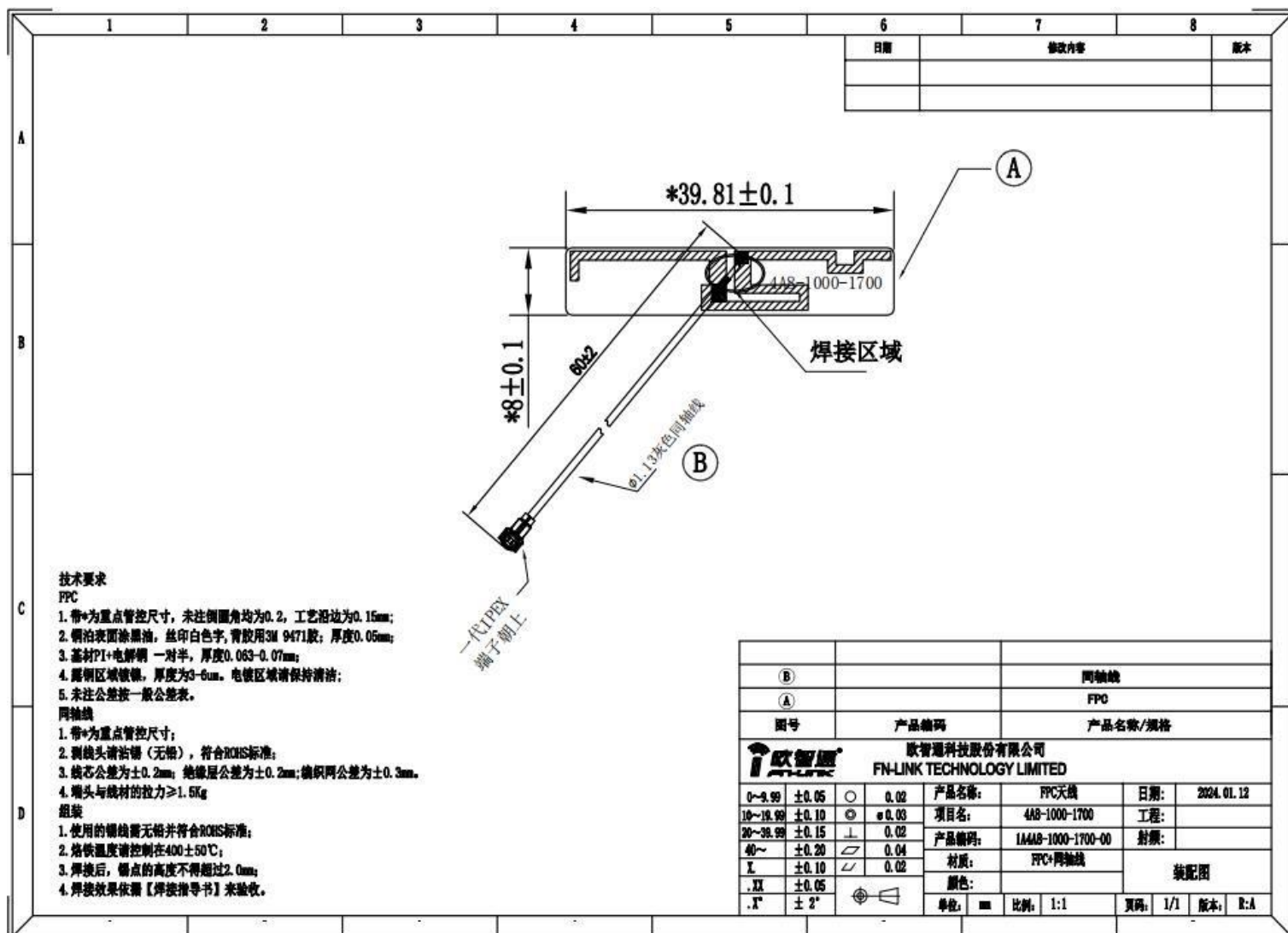
*FN-LINK TECHNOLOGY LIMITED*

catalogue

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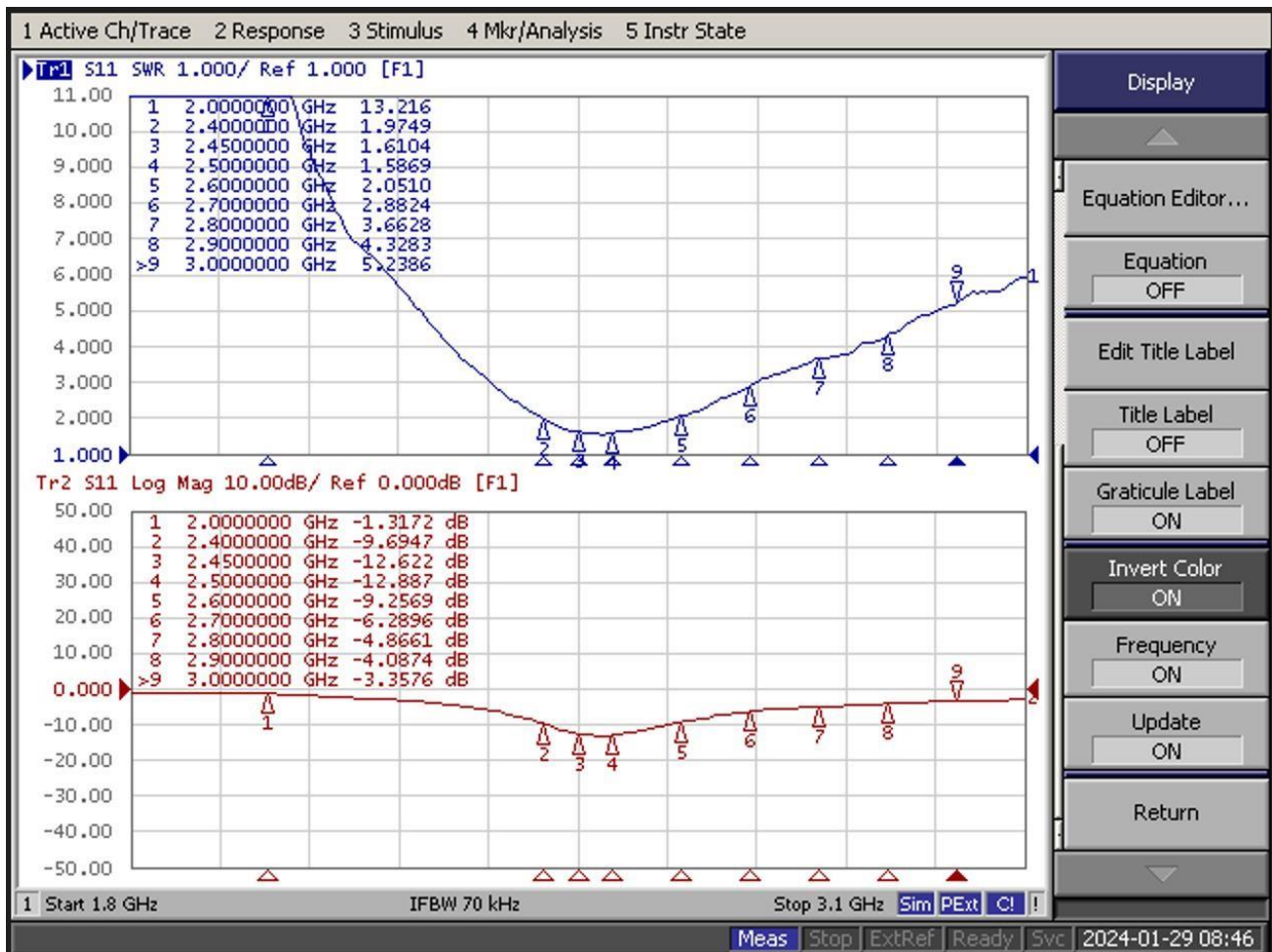
one. Complete machine  
description two. Debugging data  
report three. Test data

## Finished antenna diagram





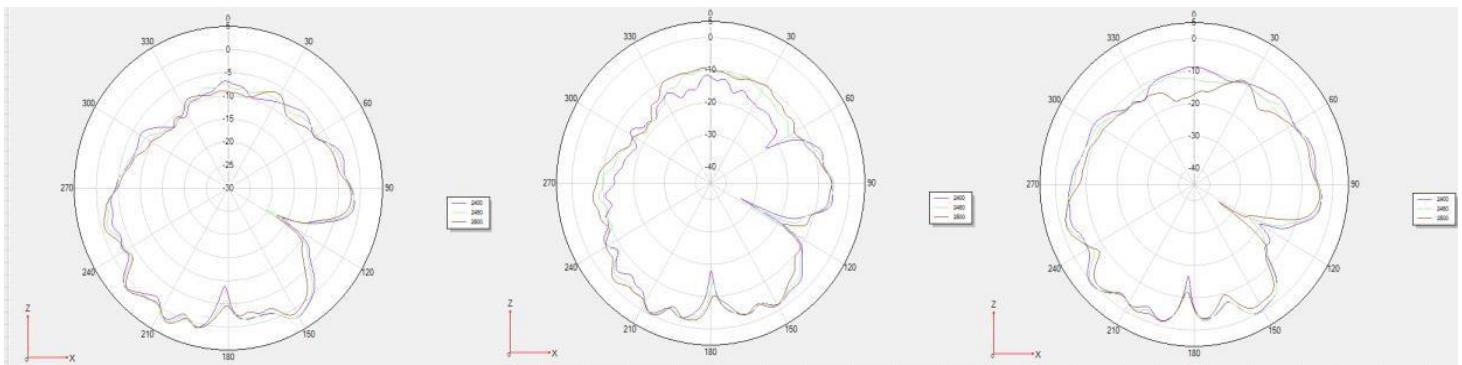
## antennaS11



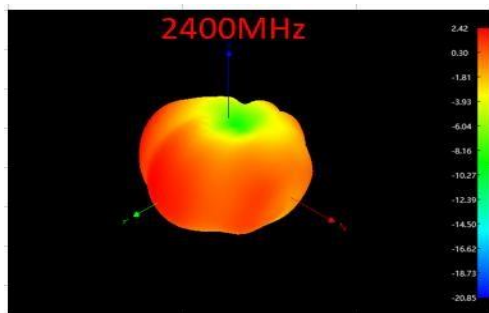
## antenna data

Frequency (MHz)	Directivity(dBi)	Gain(dB)	Efficiency(dBi)	Efficiency(%)
2400	5.98	2.46	-3.02	49.84
2405	6.02	2.43	-3.09	49.07
2410	5.79	2.34	-3.15	48.39
2415	5.62	2.25	-3.37	45.98
2420	5.51	1.90	-3.61	43.54
2425	5.30	1.81	-3.48	44.84
2430	5.37	2.11	-3.26	47.18
2435	5.28	2.04	-3.23	47.49
2440	5.32	2.17	-3.15	48.43
2445	5.50	2.45	-3.05	49.52
2450	5.65	2.48	-2.97	50.47
2455	5.67	2.48	-3.19	48.00
2460	5.84	2.41	-3.43	45.39
2465	5.74	2.41	-3.33	46.40
2470	5.75	2.40	-3.15	48.41
2475	5.42	2.55	-2.88	51.58
2480	5.13	2.47	-2.66	54.19
2485	5.33	2.48	-2.55	55.61
2490	5.36	2.41	-2.45	56.92
2495	5.18	2.38	-2.50	56.26
2500	5.16	2.44	-2.62	54.71

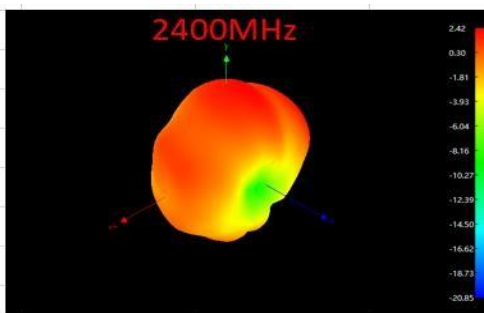
## 2400-2500Mhz Diversity Antenna Apple Pattern Direction



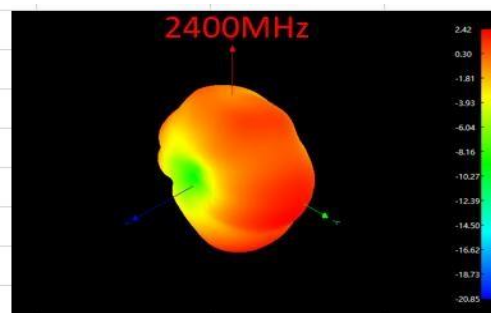
Z-X



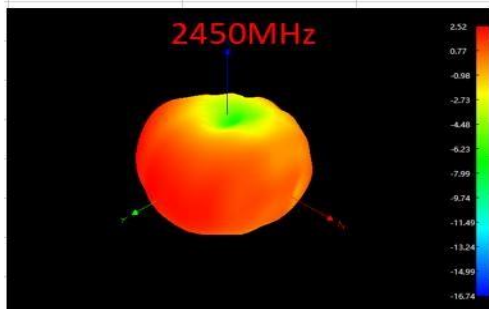
Z-Y



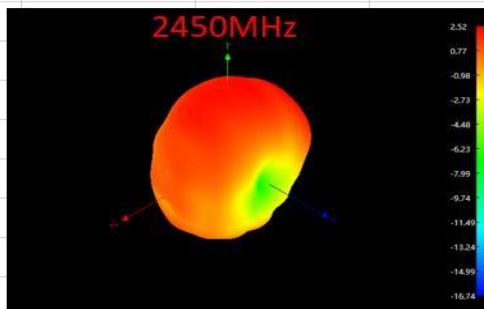
X-Y



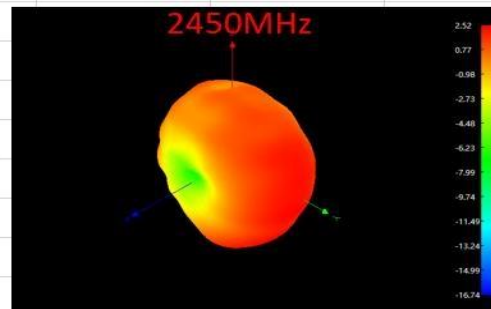
2450MHz



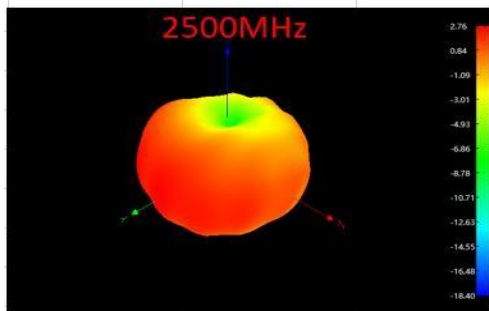
2450MHz



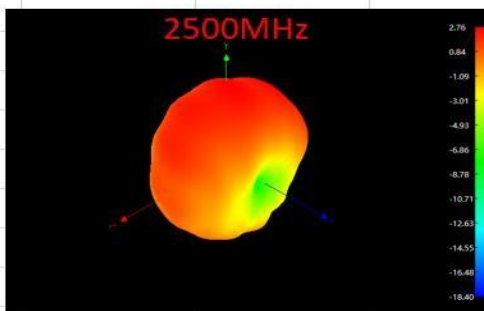
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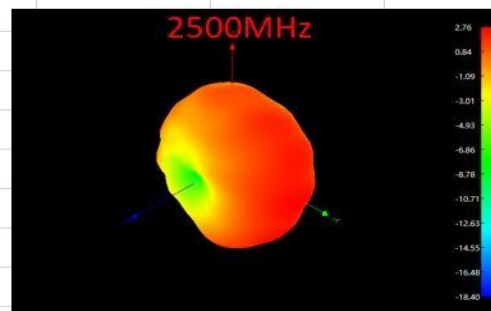
2500MHz



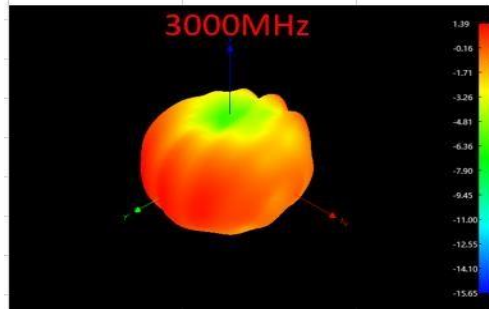
2500MHz



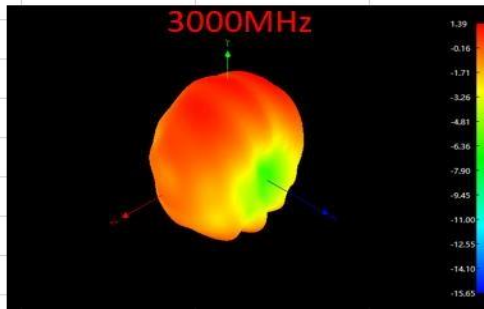
2500MHz



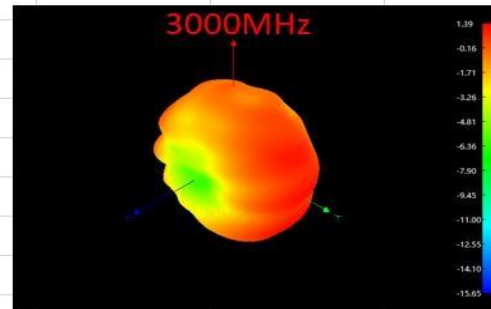
3000MHz



3000MHz

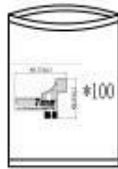


3000MHz



包装 packing

## Label location



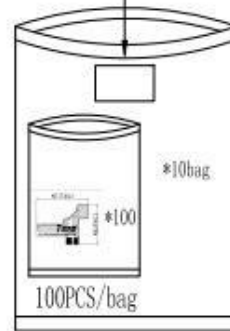
100PCS/bag

PE:L\*W=150X200mm

Put 100PCS into PE bag

PE袋尺寸: 150\*200mm

100PCS产品放入PE袋



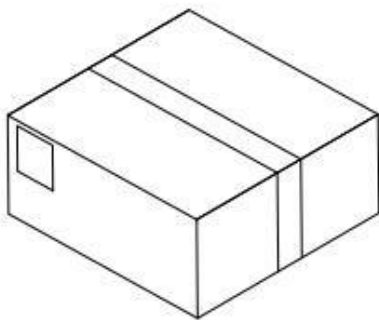
1000PCS/bag

PE:L\*W=230X330mm

10 packages of products are put into PE bags, 1000PCS per bag

PE袋尺寸: 230\*330mm

10包产品放入PE袋, 每袋1000PCS

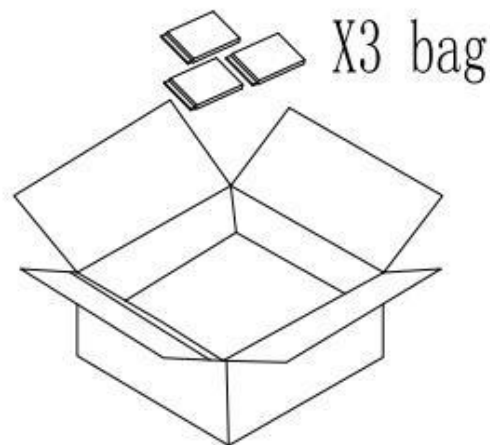


CARTON BOX:L\*W\*H=290X210X100mm

H seal and label

纸箱尺寸: 290\*210\*100mm

工字型封箱并贴标签



X3 bag

Put 3 packages of products into the carton

将3包产品放入纸箱, 每箱3000PCS