

FN-LINK TECHNOLOGY Ltd.

# 承认书

# Acknowledgment Letter

**CUSTOMER APPROVED BY**

Approved by

Checked by

Prepared by

**SUPPLIER APPROVED BY**

Approved by

Checked by

Prepared by

Supplier Name: FN-LINK TECHNOLOGY Ltd.

Supplier Address: Office Address: 14th Floor, Block B, Phoenix Zhigu, No.50 Tiezai Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen, China 518000Supplier Factory: Factory address: No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China 41032Phone number: 86-755-2955-8186  
website: www.fn-link.com

## antenna testing

Customer	
Project Name	C436HD
Customer NO.	
specification	DSH5310-2. 4G-5. 8G FPC K62mm
Supplier NO.	
Specification NO.	
Write by	Pan Yilin
REV.	Ver.1
Date	2024-4-22
Note	

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

## 1. Recognition Letter Project Table (Index)

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Number	content	Page number
–	Acknowledgment Letter Cover	one
–	Antenna test report	two
–	Version change record	three
one	Confirmation Letter Project Table	four
two	Test equipment and conditions	five
three	Prototype structure specification	six
four	Finished antenna diagram	seven
five	S11	eight
six	Gain/Efficiency/3D Graph	nine -ten
seven	packing	eleven



# catalogue

1. Complete machine description
2. Debugging data report
3. Test data

## 2.1 Scope of application

DSH5310 2.4G-5.8G WIFI Antenna


## 2.2 Operating temperature range

Temperature range of this product: -20 ~ +65 °C

## 2.3 Storage temperature range:

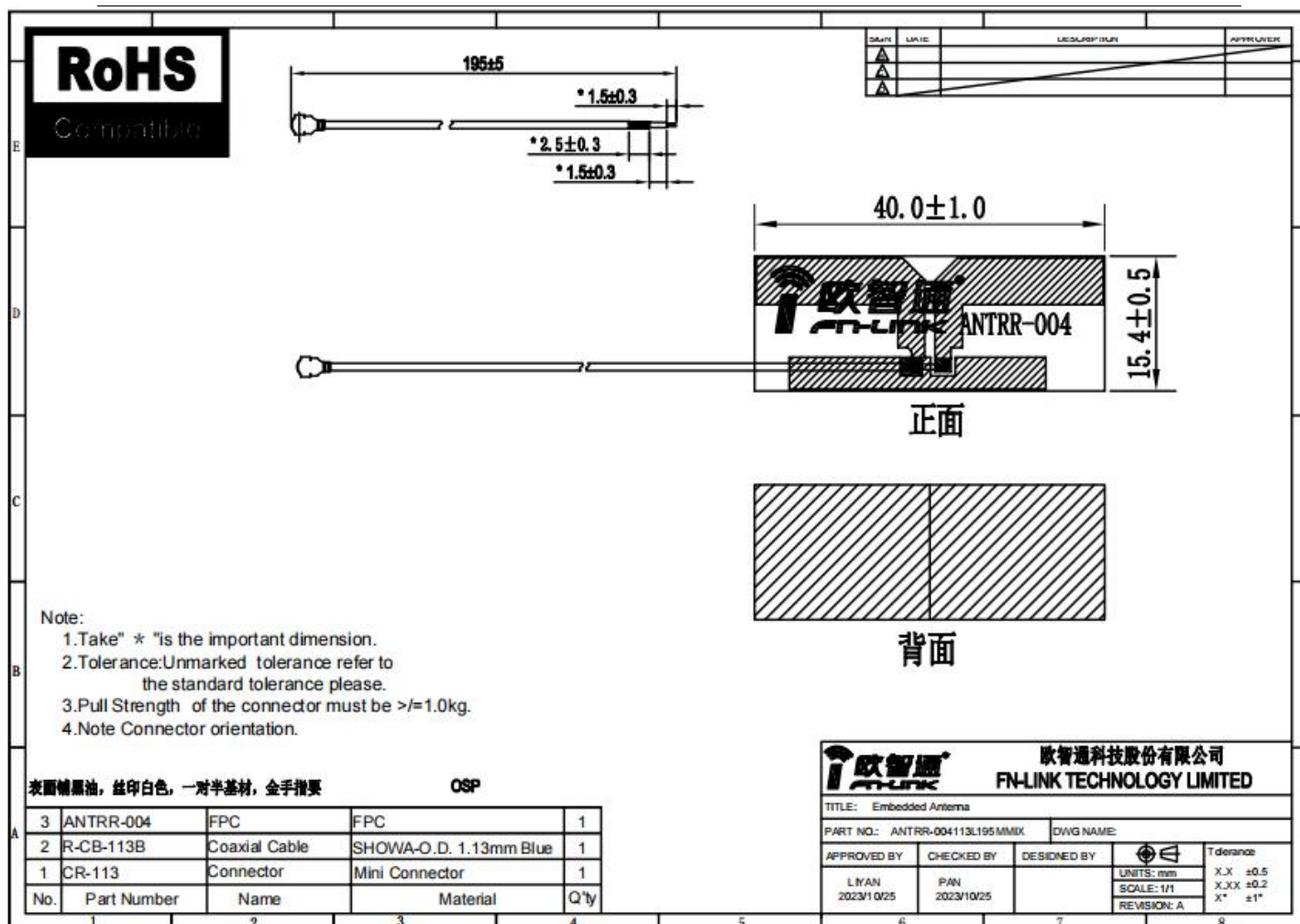
This product is stored at - 30 ~ + 75 °C

## 3. General product specifications

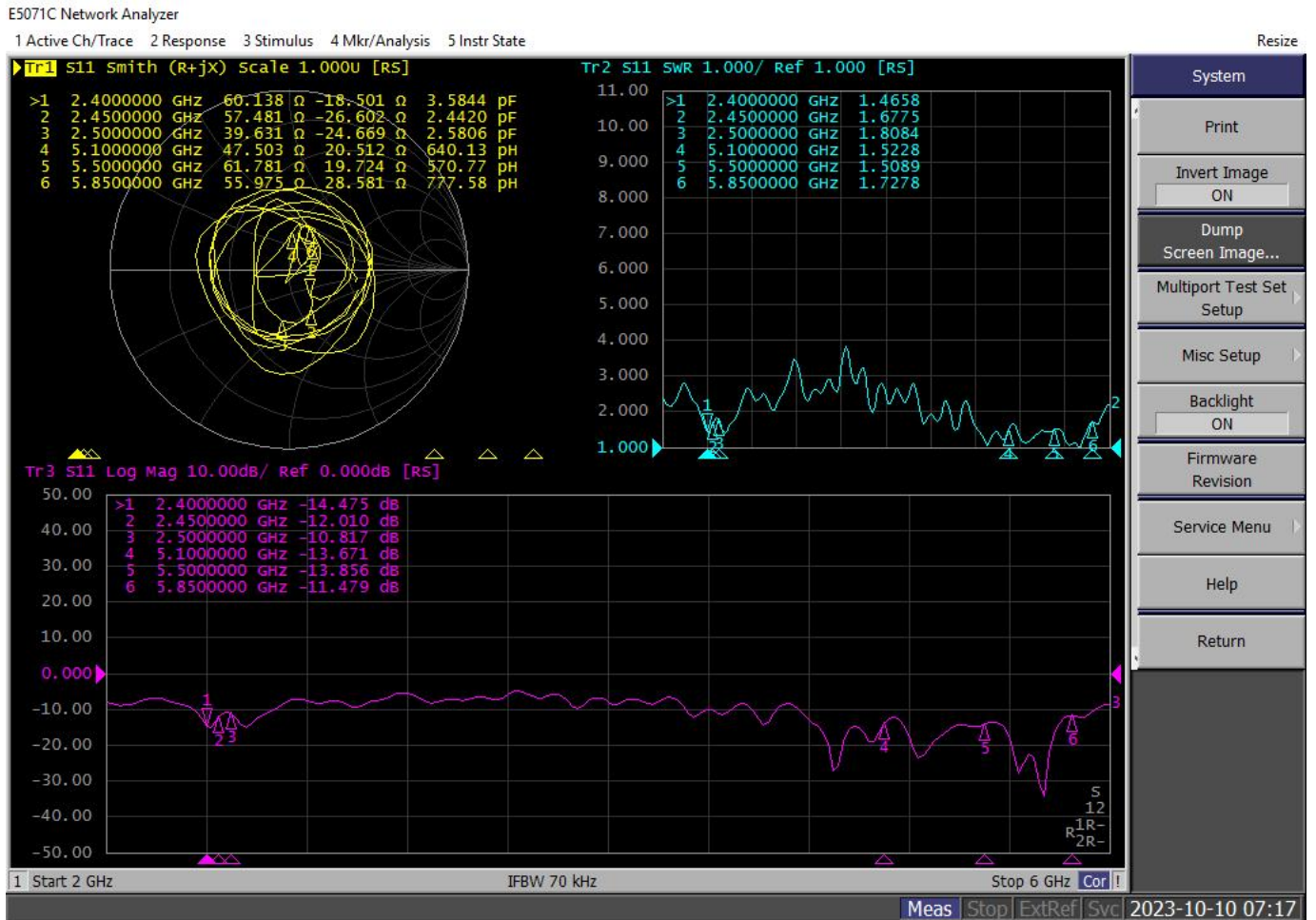
NO.	ITEMS	DETAILS
1	Type	DSH5310 2.4G-5.8G WIFI
2	Operating Frequency Band	2400-2500MHZ 5100-5900MHZ
3	VSWR	$\leq 2.0$
4	Gain	2.4G: 3.39dBi 5GWIFI: 3.99dBi
5	Radiation Efficiency	$\geq 50\%$
6	Impedance	50Ω
7	Antenna Type	PIFA
8	Antenna composition	PCB+CABLE
9	Entity Picture	



# Finished antenna diagram



# antenna S11



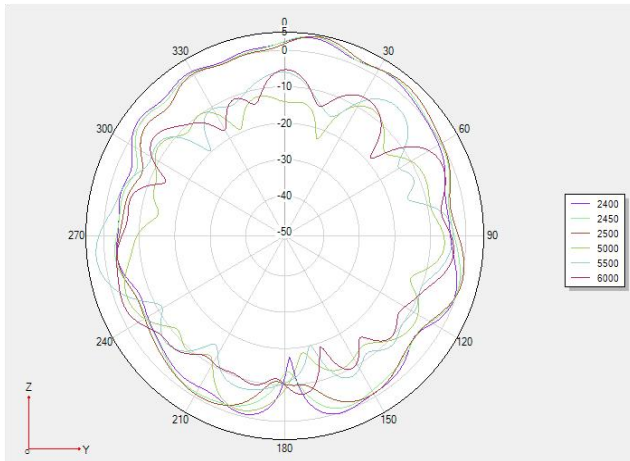
Freq/MHz	2400	2450	2500	5000	5500	5850
VSWR	1.4	1.6	1.8	1.5	1.5	1.7



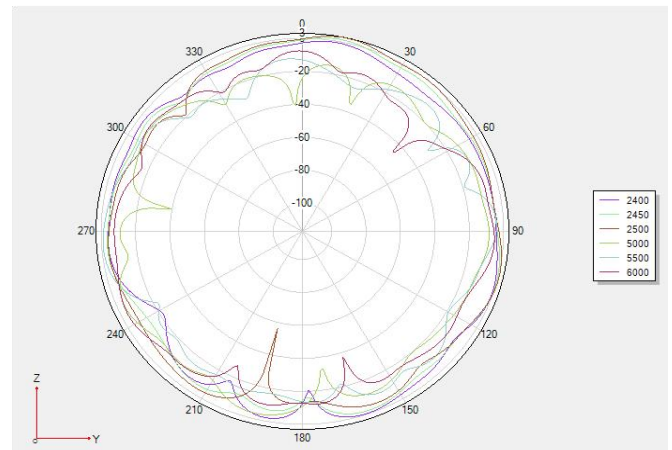
Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	3.3	60.67
2410	3.39	60.12
2420	3.21	58.48
2430	3.04	56.13
2440	2.65	55.19
2450	2.59	58.97
2460	2.52	56.67
2470	2.6	57.81
2480	2.42	59.87
2490	2.64	53.25
2500	2.8	55.11
5000	3.45	53.44
5100	3.29	55.55
5200	3.01	54.48
5300	3.99	51.5
5400	3.89	55.66
5500	3.2	54.57
5600	3.73	52.35
5700	3.65	53.99
5800	3.11	53.87
5900	3.59	50.93
6000	3.23	45.6

## 2400-2500-5000-5850Mhz antenna Apple diagram Direction diagram

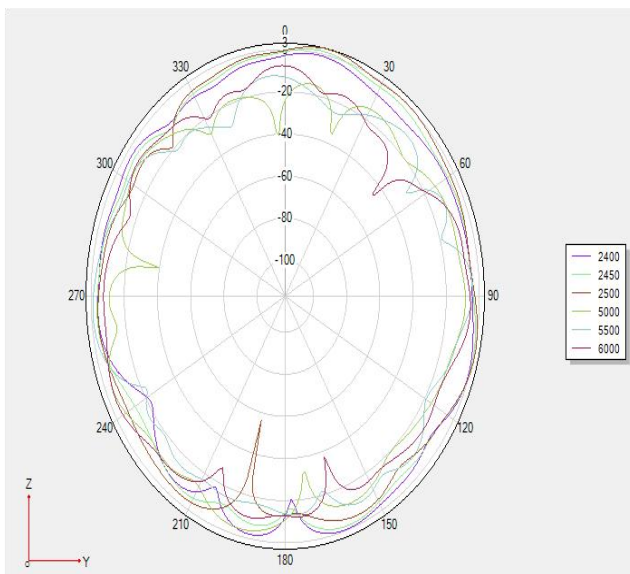
XOZ



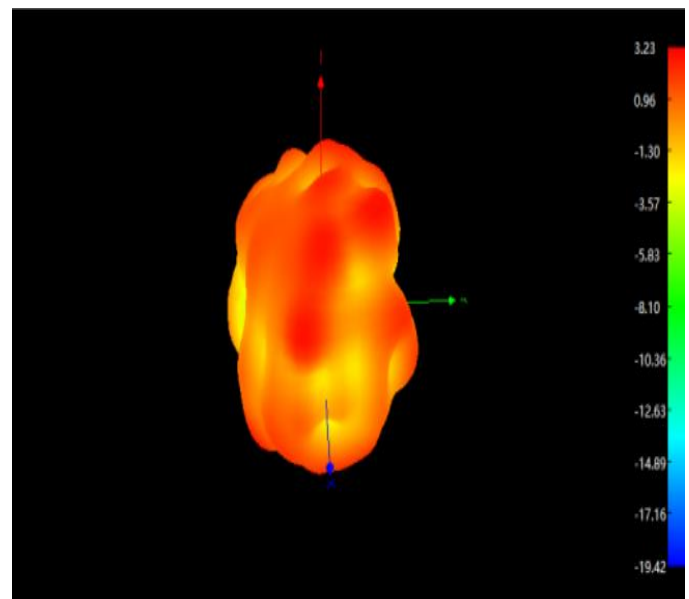
XOY



YOZ



3D



packing

## 产品包装规范 PACKING CRITERION

Date: 2023.10.13

Page: 1 of 1

Part Number : ANTRR-004113L195MMIX

Revision : A

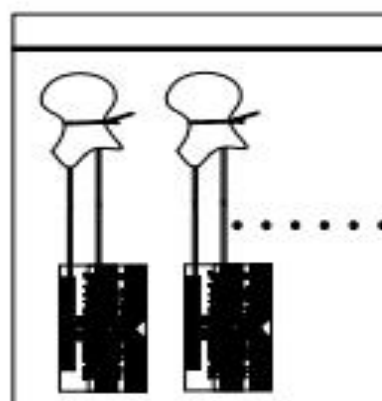
Name: 2.4GHz Antenna

Customer : ALL

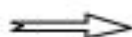
1.



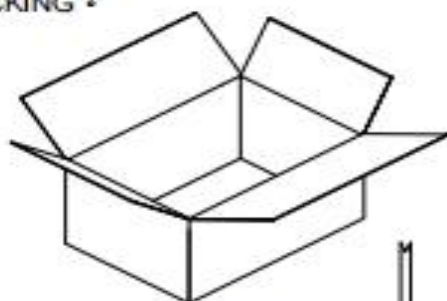
50pcs/BAG



200PCS/PE BAG  
R-NIP-BAG-220150



2. PACKING



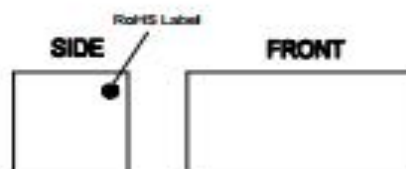
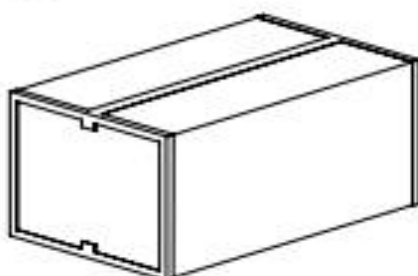
SIZE: 29.0x21.0x16.5cm  
4000PCS/BOX



Pearl cotton : 1pcs/BOX



3. SEALING



SIDE

RoHS Label

FRONT