



Ningbo Shenghong Communications Equipment Co., Ltd.

Product Specification

Product Name: WIFI Antenna K11

Specification: SHZD2400-2U-K3

Company Code: SHSC3.945.04040

Customer Code:

Compile: Lijun

Reviewed: Tonghe

Approved: Panqingsong

File number:

Customer:

Customer affirm:

date: 2022.12.01

WIFI Antenna K11

I . Product Name:

II . Specification:

III. Technical Parameter:

1. Electrical Characteristics

Frequency range:	2400-2483MHz
Polarization:	Vertical
Max Gain:	1.6dBi
Max VSWR:	≤ 3.8
Impedance:	50 Ω
3dB beam width:	H:360° E:/
Max.Power:	10W
Lighting protection:	DC Ground

(Determined by the sample)

2. Mechanical Characteristics

Input:	U.FL (male)
Cable type:	1.13 or other
Cable length:	195mm
Cable Impedance:	50 Ω
Connector pull-out:	2N





Antenna weight: about 5g
Radiation material: copper
Colour: White (appoint color)

(Determined by the sample)

3. Working Environment:

Temperature: $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$

Corrosive gas environment: no acidity and no alkalescence in air all around
(contenting other request environment)

IV. Max exterior Dimensions:

L x Φ : about 195mm $\times$ Φ 2.9mm (Determined by the sample)

V. Materiel Introduction:

1. General Situation: This product is Designed according to the particular criterion, This antenna was used to The Wireless public-WIFI. This antenna's performance is excellent, figuration is handsome, dependability is well.

2. Package & Stock age: This product should be packed in plastic box, and then put into hard carton; each box with a conformity certificate, which is included product P/N, date, checking stamp, company stamp; each box is sticked with product P/N, package quantity. The stockage condition is: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$; the compared humidity is 80%; being stored in the room without acidity, alkalescency and causticity in air.

3. Exchange Relationship: U.FL-K

4. technics & use: immediately screw on.

JUNPER INTERCONNECTION CO., LTD,
TECHNOLOGY CENTRE

2022. 12. 01

外形图

07070576CJSHS

Technical requirements:

1.Antenna color: white.

2.Frequency requirements: 2400-2483MHz.

3.VSWR: ≤38.

3

SHSC6645.8224

UFL Cable assembly

1

φ1.13,White skin

2

SHSC739104.009

Heat shrinkable tube

1

White

number

Code

Name

number

Remarks

Ningbo Shenghong Communications Equipment

Assembly drawing

SHZD2400-2U-K11

WiFi Antenna K11

Design

Check

Assembly

Approval

Figure like

Mark

Version

V1.0

Pages: /

Proportion

S

A

Weight

--g

SHSC3.945.0404.0

1

62±8

195±10

2.9±0.3

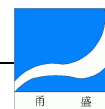
2

φ1.13±0.2

Borrow items Code

Borrow items

Attachments



The Testing

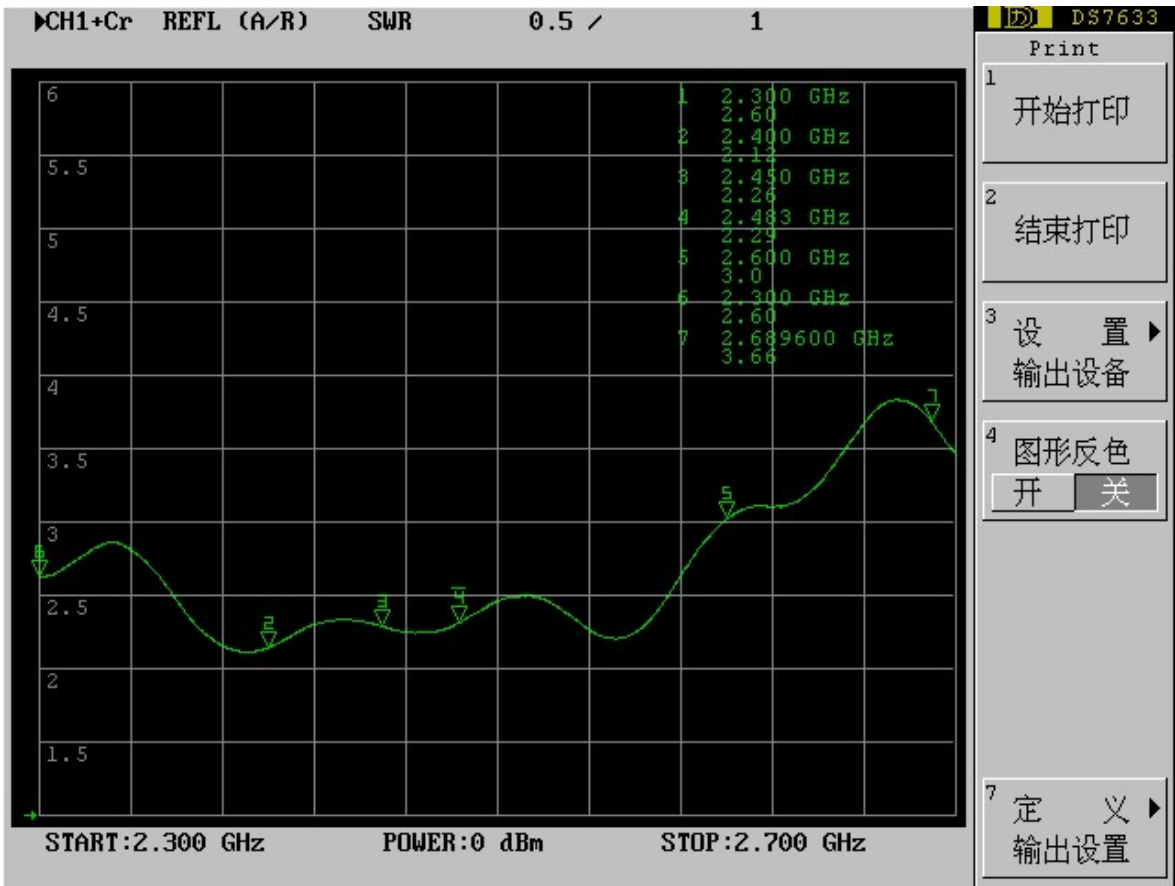
Appendix 1

The Date

Number	Item type		Requiremengt	Result
1	Frequency		2400-2483MHz	OK
2	Band Width		83MHz	OK
3	Polarization		Vertical	OK
4	Max Gain		1.6dBi	OK
5	Max VSWR		<3.8	2.53
6	Beam width	H	360°	360°
		E	/	/
8	Input		UFL-K	OK



Appendix 2—VSWR



Appendix 3—Beam width

