



Ningbo Shenghong Communications Equipment Co., Ltd.

Product Specification

Product Name: BLE Antenna K3

Specification: SHZD2400-2U-K3

Company Code: SHSC3.945.04031

Customer Code:

Compile: caizhao

Reviewed: zenglinrui

Approved:

File number:

Customer:

Customer affirm:

date: 2022.08.25

BLE Antenna K3

I . Product Name:

II . Specification:

III. Technical Parameter:

1. Electrical Characteristics

Frequency range:	2400-2483MHz
Band Width:	83MHz
Polarization:	Vertical
Max Gain:	1dBi
Max VSWR:	≤3.0
Impedance:	50 Ω
3dB beam width:	H:360° E:90° ±20
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:	160mm
cable Impedance:	50Ω





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

(Determined by the sample)

3. Working Environment:

Temperature: -30°C ~+75°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 225mm×Φ 3mm (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.

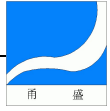
2. Package & Stock age: This product should be packed in plastic box, and then put into hard carton; each box with a conformity certificate, which is included product P/N, date, checking stamp, company stamp; each box is sticked with product P/N, package quantity. The stockage condition is: -10°C~+40°C; 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. 08. 25



外形图

1C070.576(C)SHS

Technical requirements:

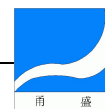
- 1.Antenna color: white.
- 2.Frequency requirements: 2400-2483MHz
- 3.VSWR: <3.0.

number	Code	Name	number	Remarks
3	SHSC6.645.8205	UFL cable assembly	1	φ1.13 White skin
2	SHSC7.3910.4003	Heat shrinkable Tube	1	White

Ningbo Shenghong Communications Equipment

Assembly drawing		SHZD2400-2U-K3		BLE Antenna K3	
Design	ZENG LINGRUI	Quality		Figure like Mark	Version
Standard		Approval		S	A
Check				Papers	/
Assembly				Weight	--g
				Proportion	

Borrow items Code	
Borrow items	
Attachments	



The Testing

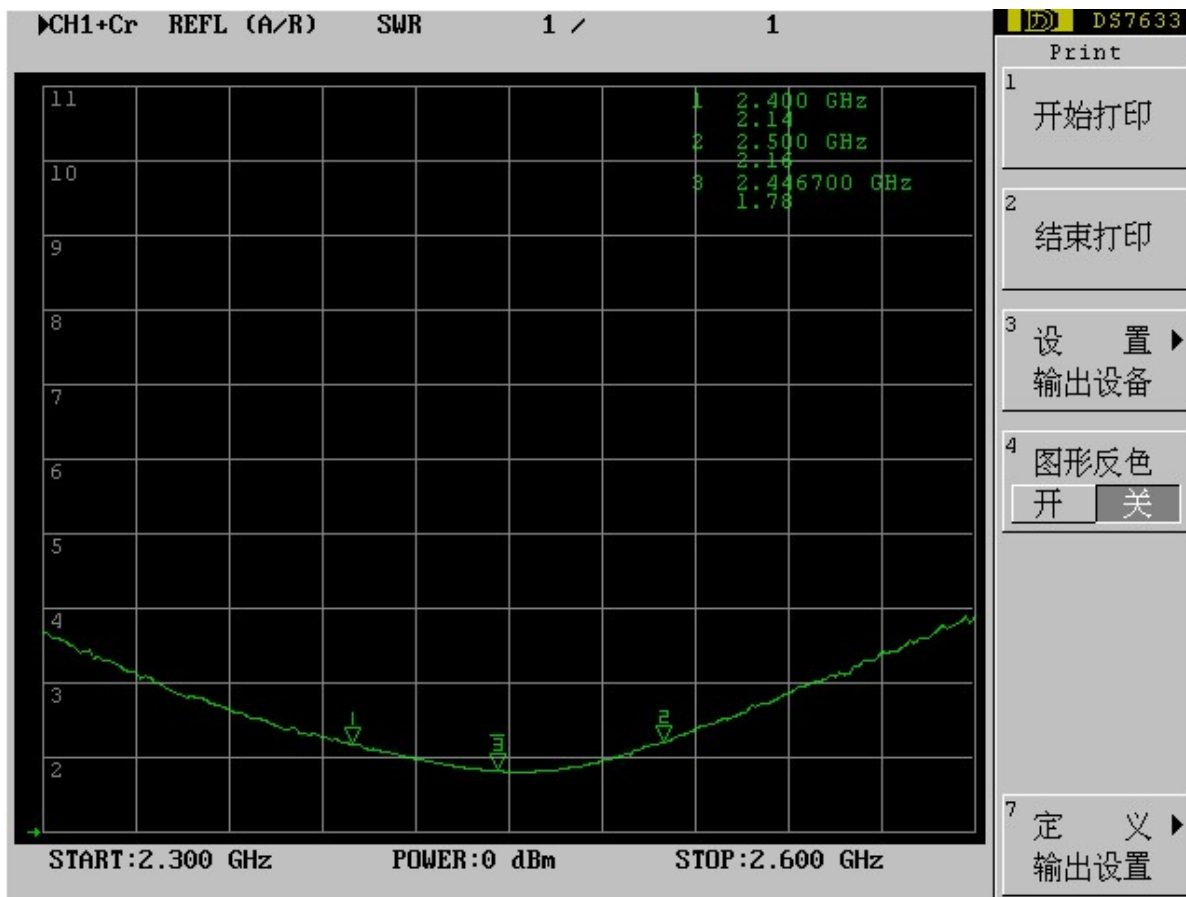
Appendix 1

The Date

Number	Item type		Requiremengt	Result
1	Frequency		2400-2483MHz	OK
2	Band Width		83MHz	OK
3	Polarization		Vertical	OK
4	Max Gain		1dBi	OK
5	Max VSWR		<3.0	2.53
6	Beam width	H	360°	360°
		E	90° ±20	OK
8	Input		UFL-K	OK



Appendix 2—VSWR





Appendix 3—Beam width

