



Shenzhen Yishengbang Technology Co., Ltd.

Yishengbang Technology (dongguan) Co., Ltd.

SPECIFICATION FOR APPROVAL

Company Name: _____

Part No.: _____

Model: _____

Approval Date: _____

Supplier: Shenzhen Yishengbang Technology Co., Ltd.

Supplier Model: WIFI: SLK-B2DB-45I-B

APPROVAL SIGNATURES

Supplier Approval					
Engineer	Reviewed	Approved	Engineer	Reviewed	Approved
Liu Cailiang	Huang Zhen	Lin Meicai			
Stamp & Sign			Stamp & Sign		
Date: 2023-10-31			Date:		
Decision: ☐ Accept ☐ Conditional Acceptance					
Remarks (to be completed by the customer):					

Supplier: Shenzhen Yishengbang Technology Co., Ltd.

Address: 101, Bldg. C, Qianwan Hard-Tech Industrial Park, Bao'an District, Shenzhen

Tel: 18024505599

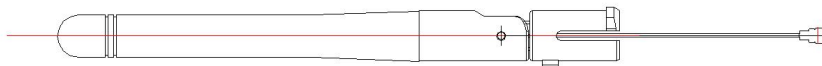
Tel: 18666299104

WIFI Antenna

1. Explanation of Product number :

S L K - B 2 D B - 4 5 I - B

1 2 3



Product Code:

(1) Antenna Name:

B2DB: SLK-B2DB (WIFI Antenna 2.4-2.5GHz)

(2) Cable Length:

45I: 45*1.13MM一代端子

(3)Cable Color

B: Black

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)
- * Hand-held devices when WIFI (802.11 b/g/n) functions are needed

4. Description

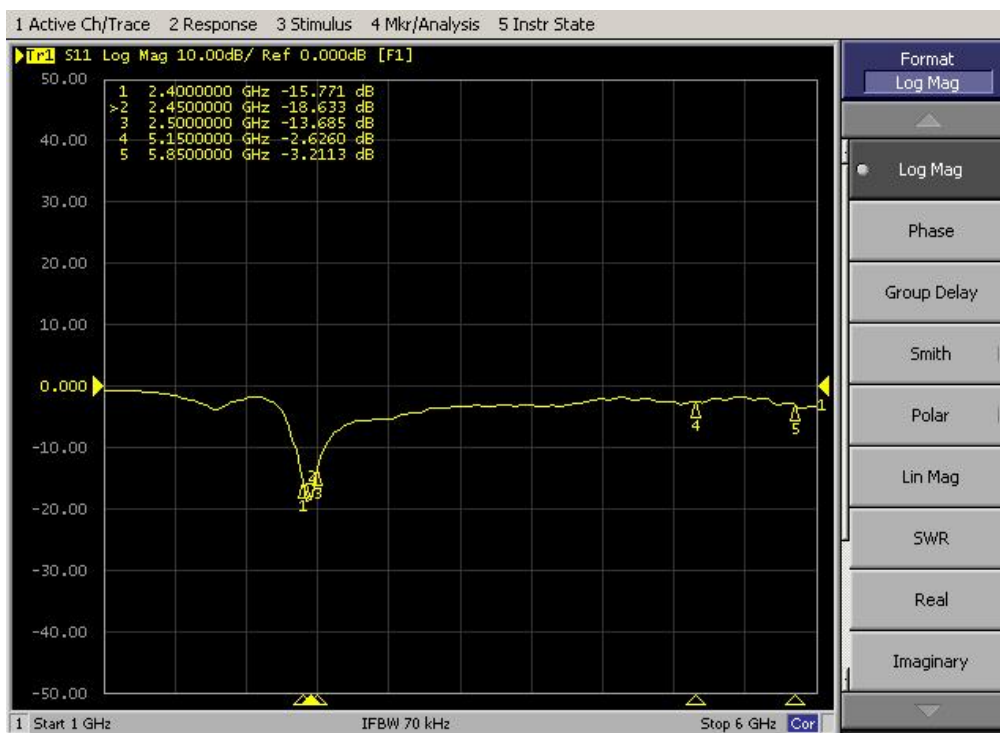
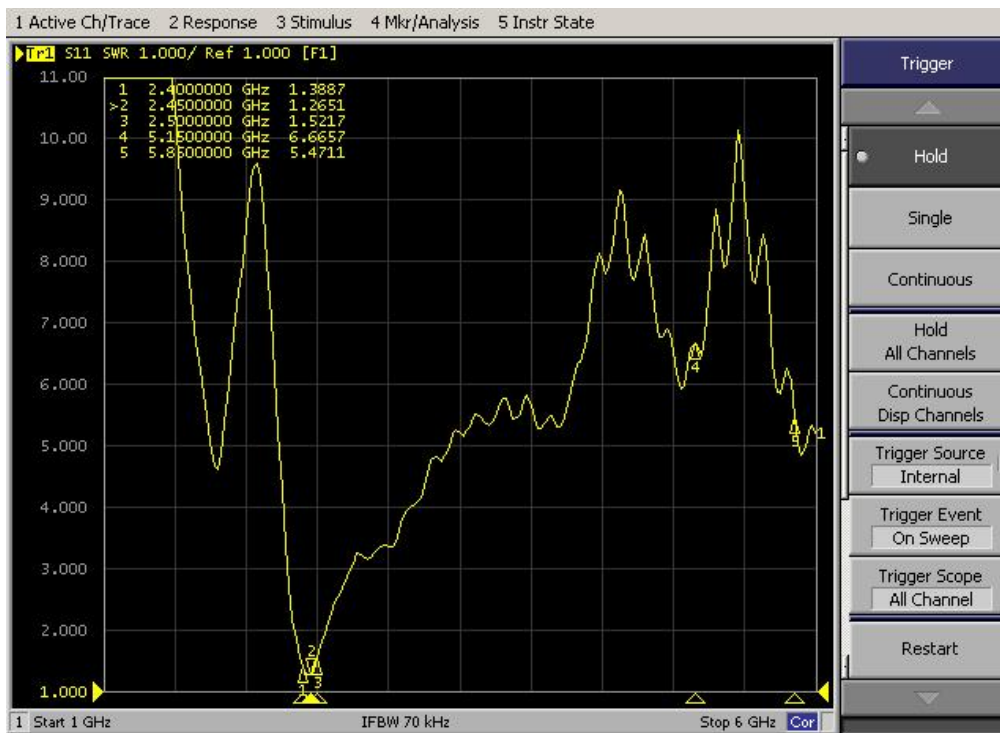
SLK’s External antenna series are specially designed for WIFI (802.11b/g/n) applications. Based on SLK’s proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

主要技术指标		Main technical specifications	
频率范围 (GHZ)	2.4-2.5	Frequency Range (GHZ)	2.4-2.5
特性阻抗(Ω)	50	Impedance(Ω)	50
输出电压 驻波比	≦2.0	VSWR	≦2.0
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	一代端子	Connector Type	First generation terminals
物理性能		Physical Properties	
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

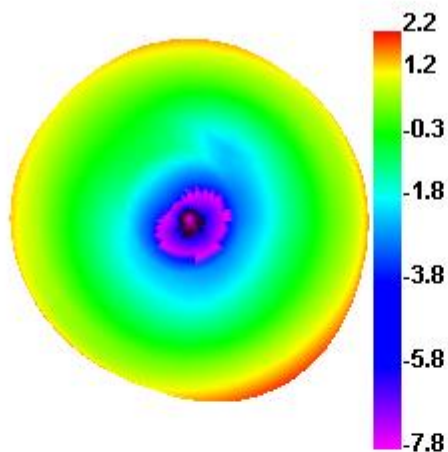
5-2.VSWR



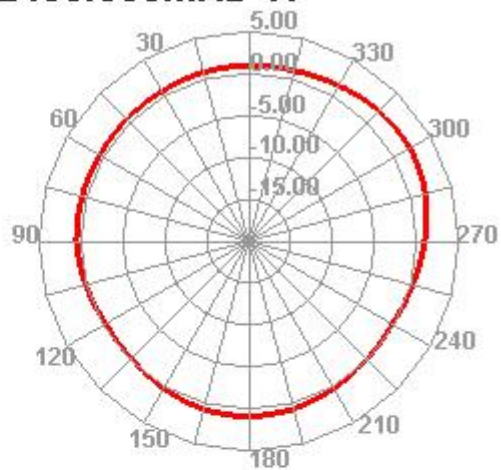
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	81.82	-0.87	2.4
2410	79.54	-0.99	2.39
2420	73.5	-1.34	2.05
2430	72.87	-1.37	2.23
2440	75.02	-1.25	2.41
2450	74.76	-1.26	2.2
2460	75.32	-1.23	2.44
2470	77.61	-1.1	2.55
2480	77.44	-1.11	2.43
2490	85.11	-0.7	3.19
2500	73.5	-1.34	1.82

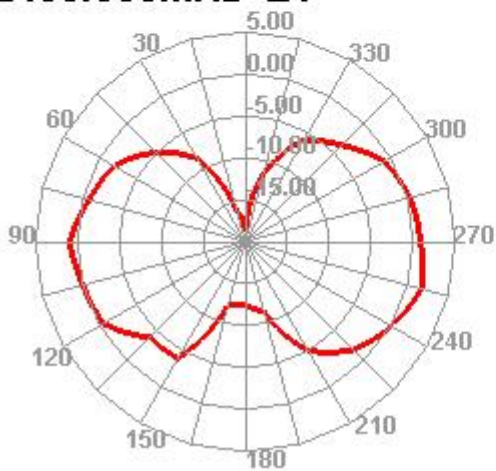
2450.000MHz



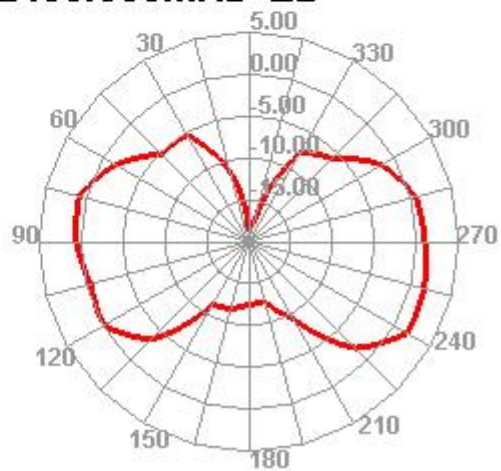
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



6. Antenna Dimensions (unit: mm)

[illegible]