

**Shenzhen Yishengbang Technology Co., LTD**  
**Sample acceptance letter**  
**SPECIFICATION FOR APPROVAL**

specifications: monitor

Admitted to date: \_\_\_\_\_

The name of the supplier: Shenzhen Yishengbang Technology Co.,

LTD Supplier standard type number: WIFI:SLK-LQ-3204-L-10011-

B

**Admit signature**

|                                                                                               |               |                |                  |               |                |
|-----------------------------------------------------------------------------------------------|---------------|----------------|------------------|---------------|----------------|
| For acceptance by the contractor                                                              |               |                |                  |               |                |
| Rf Engineer                                                                                   | audit         | approval       | Rf Engineer      | audit         | approval       |
| Shi Lian<br>Chen                                                                              | Zhen<br>Huang | Mei Cai<br>Lin | Shi Lian<br>Chen | Zhen<br>Huang | Mei Cai<br>Lin |
|                                                                                               |               |                |                  |               |                |
| date                                                                                          | 2025-1-21     |                |                  |               |                |
| instructions: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance |               |                |                  |               |                |
| note:                                                                                         |               |                |                  |               |                |

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier address : 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Bao 'an District, Shenzhen

telephone: 18025305599

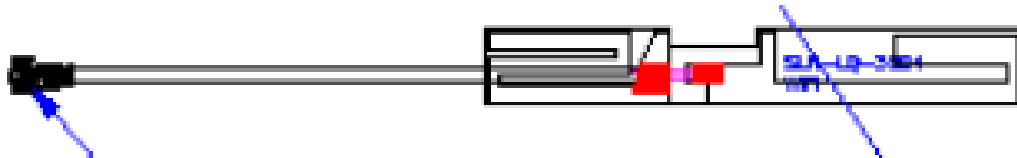
telephone: 18666299104

# WIFI Antenna (3204)

## 1. Explanation of Product number :

S L K - L Q - 3 2 0 4 - L - 1 0 0 I I - B

1                      2                      3                      4                      5



The port direction  
is downward

Product Code:

(1) Customer:

LQ: Zhijia

(2) Project:

3204: SLK-3204(WIFI antenna )

(3) Welding Position

L:Left

(4) Cable Length:

100II: 100\*0.81MM Second generation line

(5)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

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

## 5. Electrical Specifications

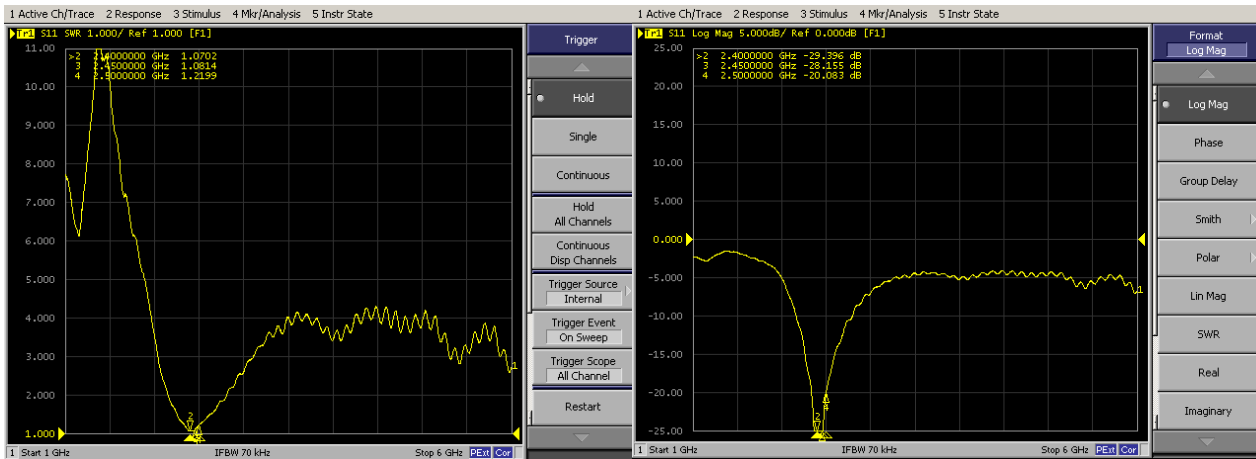
5-1

| Characteristics                   | Specifications   | Unit |
|-----------------------------------|------------------|------|
| Outline Dimensions                | 32.15x4.41x 0.12 | mm   |
| Center Frequency                  | 2.4-2.5          | GHz  |
| Bandwidth(under-10dB return loss) | 130min           | MHz  |
| VSWR                              | 3max             |      |

5-2.

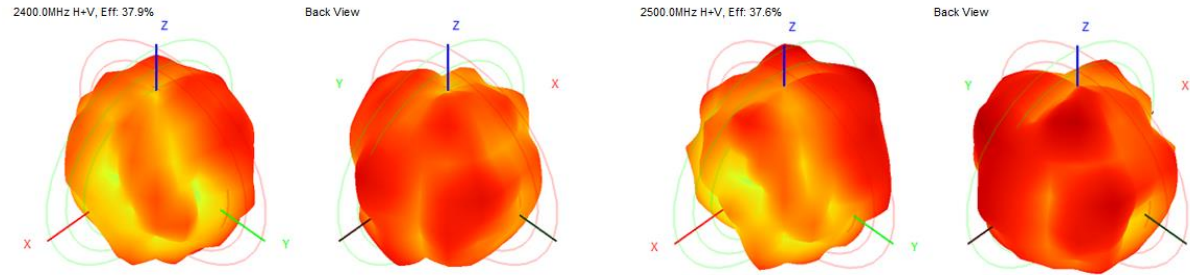
VSWR

S11



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

| Frequency (MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400            | -4.20            | 1.21       | 37.94          |
| 2410            | -4.16            | 1.27       | 38.35          |
| 2420            | -3.97            | 1.78       | 40.06          |
| 2430            | -4.12            | 1.57       | 38.72          |
| 2440            | -4.04            | 1.50       | 39.36          |
| 2450            | -4.17            | 1.08       | 38.25          |
| 2460            | -3.75            | 1.67       | 42.13          |
| 2470            | -4.25            | 1.83       | 37.51          |
| 2480            | -4.38            | 1.93       | 36.40          |
| 2490            | -4.22            | 1.95       | 37.79          |
| 2500            | -4.24            | 1.84       | 37.59          |



## 6. Antenna Dimensions (unit: mm)

|                 |                       |             |         |      |                    |         |
|-----------------|-----------------------|-------------|---------|------|--------------------|---------|
| Document number | SLK-LQ-3204-L-100II-B | Company: mm | Edition | Sign | Change description | DATE    |
|                 |                       |             | A1      |      | New material       | 25-1-21 |

32.15±0.2

4.41±0.2

Add 0.1mm reinforcing plate

1.20

2.00

1.50

The port direction is downward

Black 0.81 wire, second generation terminal

**Technical requirements:**

- 1, FPC substrate: PI, the shadow part is copper foil, black oil on the positive surface.
- 2, plate thickness half and half, back glue model: 3M300.
3. Exposed copper in the red part: Surface free of oil, impurities, burrs and so on.
- 4, hand-torn release paper cut off do not hurt the line.
- 5, important dimensions marked with "\*" (mold production to control, mold acceptance must be measured):
- 6, The Cable is a black 0.81 cable with a cable length of 100MM and a second-generation terminal

|              |              |                                           |          |
|--------------|--------------|-------------------------------------------|----------|
| Design       | Cailiang Liu |                                           | Name     |
| To           | Zhen Hang    |                                           |          |
| Approval     |              | weight                                    | quantity |
|              |              | proportion                                | 1:1      |
| Sheet 1 of 1 |              | Shenzhen Yishengbang Electronics Co., Ltd |          |

## 7. Antenna Picture

