

# Shenzhen Yishengbang Technology Co., Ltd

## Sample acknowledgement

### SPECIFICATION FOR APPROVAL

Company name (filled in by customer): Shenzhen Juhong Technology Co., Ltd

Material Code (Completed by Customer):

Specification and model (filled by customer): JT101F-I02

Date of acknowledgement (to be completed by the customer):

Supplier name (filled in by SLK): Shenzhen Yishengbang Technology Co., Ltd

Supplier Name (SLK to fill in): WIFI/BT: SLK-JH-2525B-L-140-B

| Recognition Signature                         |               |                 |                                     |       |          |
|---|---------------|-----------------|-------------------------------------|-------|----------|
| Supplier acknowledges                         |               |                 | Shenzhen Juhong Technology Co., Ltd |       |          |
| Engineer                                      | Audit         | Approval        | Engineer                            | Audit | Approval |
| Chen<br>Shilian                               | Huang<br>Zhen | Lam Mei<br>Choi |                                     |       |          |
| Seal and sign                                 |               |                 | Seal and sign                       |       |          |
| Date  | 2023-11-30    |                 | Date                                |       |          |
| Instructions:-Accepted-Conditionally Accepted |               |                 |                                     |       |          |

Remarks (to be completed by the customer):

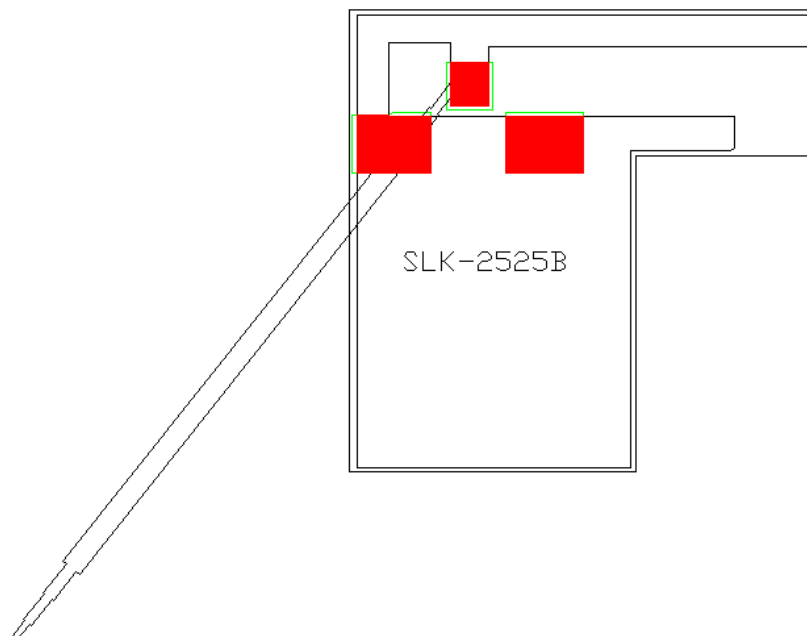
Supplier Name: Shenzhen Yishengbang Technology Co., Ltd  
Supplier address: Room 101, Building C, Shenzhen Qianwan Hard  
Technology Industrial Park, Baoan District, Shenzhen  
Tel: 18025305599 Tel: 18666299104

## WIFI/BT Antenna (2525B)

### 1. Explanation of Product number:

**S L K - J H - 2 5 2 5 B - L - 1 4 0 - B**

**1 2 3 4 5**



Product Code:

(1) Customer:

JH: Kui Hong

(2) Project:

2525B: SLK-JH-2525B (WIFI/BTantenna)

(3) Welding Position

L: Left

(4) Cable Length:

140: 140 \* 1.13 MM Double stripping

(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 bonds External antenna series are specially designed for WIFI (802.11 b/g/n) applications. Based on Holy bonds proprietary design and processes, this Externalantenna has excellent stability and sensitivity to consistently provide high signalreception efficiency.

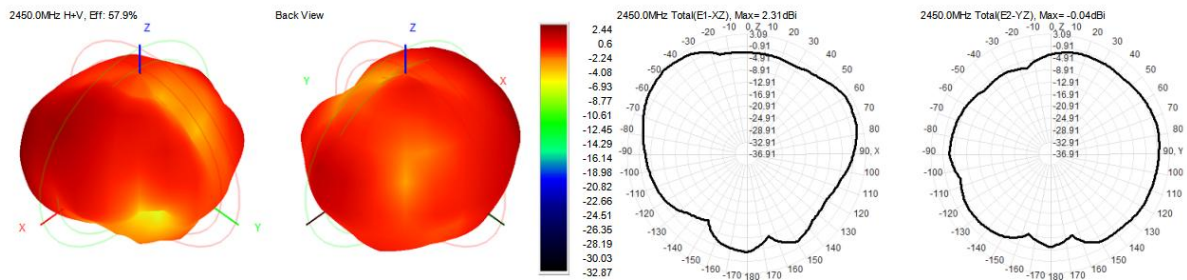
## 5. Electrical Specifications

### 5-1

| Characteristics                    | Specifications   | Unit |
|------------------------------------|------------------|------|
| Outline Dimensions                 | 25 x25. 18x0. 12 | mm   |
| Center Frequency                   | 2.4-2.5          | GHz  |
| Bandwidth (under-10dB return loss) | 130 min          | MHz  |
| VSWR                               | 3 max            |      |

## 5-2. WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

| Frequency (MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400            | -2.38            | 2.39       | 57.77          |
| 2410            | -2.32            | 1.74       | 58.65          |
| 2420            | -2.25            | 1.84       | 59.56          |
| 2430            | -2.19            | 1.98       | 60.44          |
| 2440            | -2.28            | 2.65       | 59.22          |
| 2450            | -2.37            | 2.44       | 57.89          |
| 2460            | -2.52            | 2.32       | 55.98          |
| 2470            | -2.57            | 2.28       | 55.36          |
| 2480            | -2.50            | 2.31       | 56.28          |
| 2490            | -2.46            | 2.28       | 56.76          |
| 2500            | -2.60            | 2.09       | 54.91          |



| WIFI    | CH | CCK<br>TRP(11M)  | CCK<br>TIS(11M)  | WIFI    | CH | TRP(MSC7) | TIS(MSC7) |
|---------|----|------------------|------------------|---------|----|-----------|-----------|
| 802.11b | 1  | 15.09            | -80.92           | 802.11n | 1  | 11.49     | -65.12    |
|         | 6  | 15.52            | -80.23           |         | 6  | 11.93     | -65.26    |
|         | 11 | 15.39            | -80.14           |         | 11 | 12.61     | -66.04    |
| WIFI    | CH | OFDM<br>TRP(54M) | OFDM<br>TIS(54M) |         |    |           |           |
| 802.11g | 1  | 11.38            | -69.76           |         |    |           |           |
|         | 6  | 11.79            | -69.49           |         |    |           |           |
|         | 11 | 12.31            | -69.22           |         |    |           |           |