

Shenzhen Yishengbang Technology Co., Ltd.

Sample Acknowledgement

SPECIFICATION FOR APPROVAL

Company name (filled in by the customer):

Shenzhen Zigxico Technology Co., Ltd.

Material code (filled in by the customer):

1.00.10.00023

Specifications and models (filled in by the customer):

Date of confirmation (filled in by the customer):

Supplier name ( fill in by SLK):

Shenzhen Yishengbang Technology Co., Ltd.

Supplier specification model ( fill in SLK): WIFI: SLK-ZKXC-3212ZB7-R-60I-G

Acknowledgement Signature					
Supplier Acknowledgement (SLK Fill in the field)			Shenzhen Zigxico Technology Co., Ltd.		
Engineer	Reviewer	Approver			
Liu Cailiang	Huang Zhen	Lin Meicai			
Stamp and Sign			Stamp and Sign		
Date 2024-1-26			Date		
Remarks (to be filled in by the customer):					

Manufacturer: Shenzhen Yishengbang Technology Co., Ltd.

Address: Room 101, Building C, Shenzhen Hard Technology Industrial Park, Baoan District, Shenzhen

Tel: 16025305599 Tel: 18666299104

## 1. Explanation of Product number :

**S L K - Z K X C - 3 2 1 2 Z B 7 - R - 6 0 I - G**

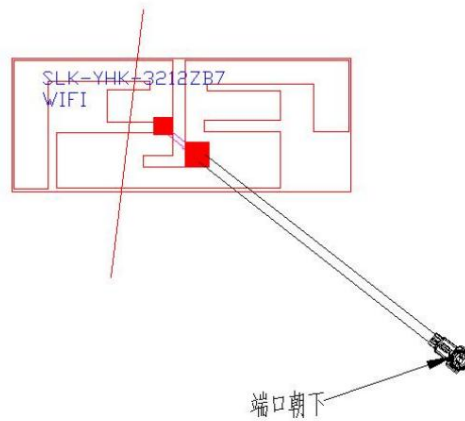
1

2

3

4

5



Product Code:

(1) Customer:

AKXC: Centrino (2)

Project:

3212ZB7: SLK-ZKXC-3212ZB7 (WIFI antenna)

(3) Welding Position

R:Right

(4) Cable Length:

60I: 60\*1.13MM Terminal (5)

Cable Color G:

Gray

## 2. Features

\*Stable and reliable in performances

\*Compact size

\*RoHS compliance

## 3. Applications

\* IEEE602.11 (b/g/n/a)

\* Hand-held devices when WIFI (602.11b/g/n/a) functions are needed

## 4. Description

Holy bond's FPC antenna series are specially designed for WIFI (602.11b/g/n/a) 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.

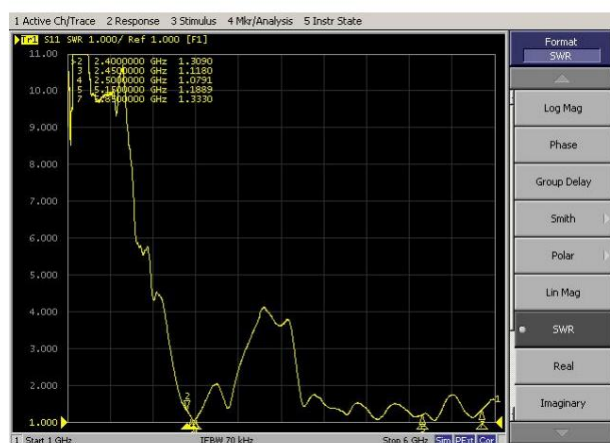
## 5. Electrical Specifications

5-1

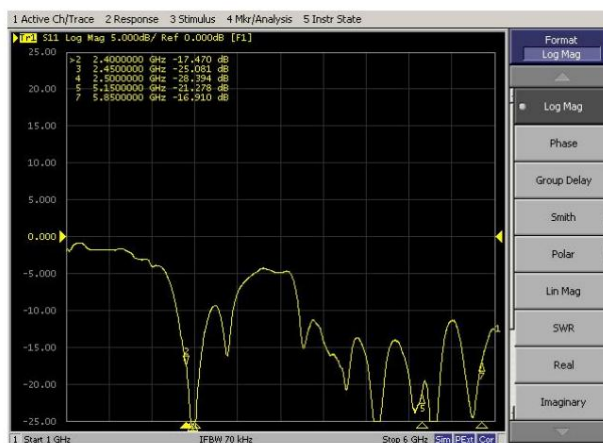
Characteristics	Specifications	Unit
Outline Dimensions	25.18x25x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Oh
Polarization	Linear Polarization	

5-2

VSWR



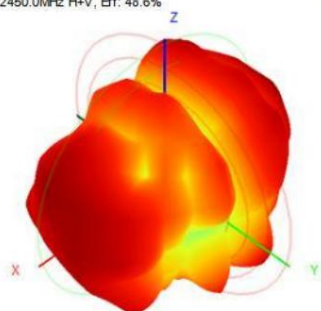
S11



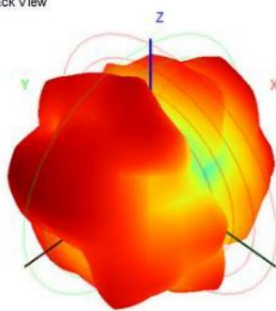
### 5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.27	-3.10	-3.00	-2.96	-2.98	-3.14	-3.32	-3.45	-3.36	-3.36	-3.69	-4.04	-3.67	-4.03	-4.17	-4.19
Gain (dBi)	3.07	3.45	3.56	3.52	3.50	3.15	2.84	2.72	2.71	2.63	2.39	4.14	4.50	4.73	3.91	3.27
Efficiency (%)	47.12	48.95	50.09	50.61	50.35	48.57	46.52	45.20	46.18	46.12	42.73	39.47	42.93	39.56	38.32	38.11

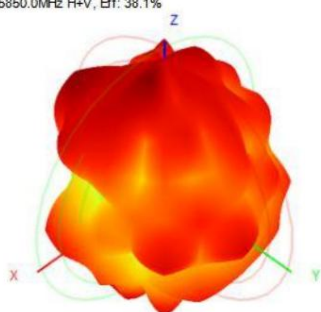
2450.0MHz H+V, Eff: 48.6%



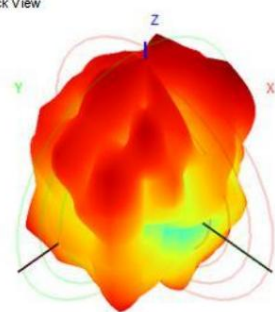
Back View



5850.0MHz H+V, Eff: 38.1%



Back View



6. Antenna Dimensions (unit: mm)

