

# 深圳市亿圣邦科技有限公司

## 样品承认书

### SPECIFICATION FOR APPROVAL

公 司 名 称 (客户填写): 深圳市科金明电子股份有限公司

物 料 代 码 (客户填写):

规 格 型 号 (客户填写): 510G

承 认 日 期 (客户填写):

供 应 商 名 称 (SLK 填写): 深圳市亿圣邦科技有限公司

供 应 商 型 号 (SLK 填写): WIFI 0:SLK-KJM-2813D2-M-100I-B

WIFI 1:SLK-KJM-2813D1-M-210I-G BT:SLK-KJM-2813D3-M-80I-W

### 承 认 签 章

供 应 商 承 认

深圳市科金明电子股份有限公司

工 程 师

审 核

批 准

工 程 师

审 核

批 准

范新竹

黄震

林美财

盖章签署

盖章签署

日 期

2024-08-15

日 期

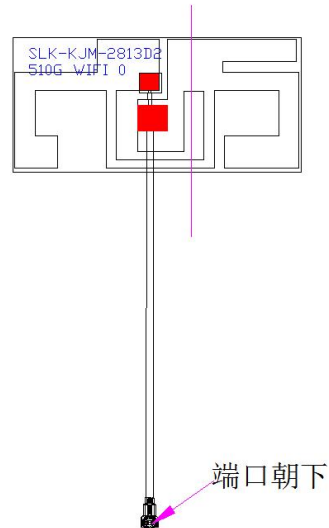
批示: ☐接受 ☐有条件接受

备注 (客户填写):

Manufacturer:Shenzhen Yi Sheng Bang technology Co., LTD  
Address:101, Building C, Qianwan Hard Science andTechnology  
Industrial Park, Nanchang Community, Xixiang Street, Baoan  
DistrictShenzhen  
Phone: 18666299104 Fax: 0769-82553116

# WIFI 0

## 1. Explanation of Product number :



Product Code:

- (1) Customer:科金明
- (2) Antenna Name:WIFI 天线 (WIFI Antenna)
- (3) Connector:1.13黑色线, 总长100mm, 1代端子

## 2. Features

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

## 3. Applications

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

## 4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/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

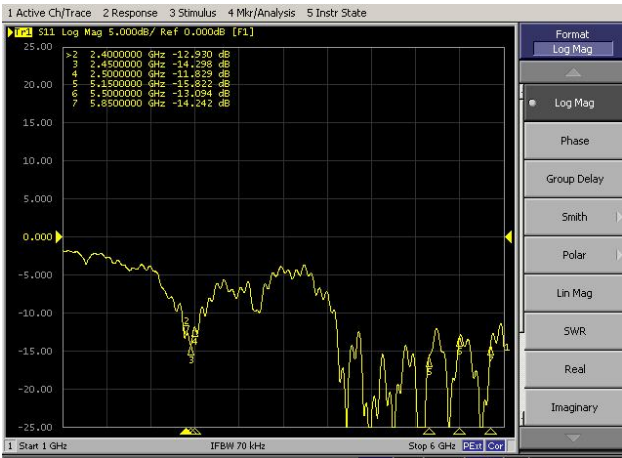
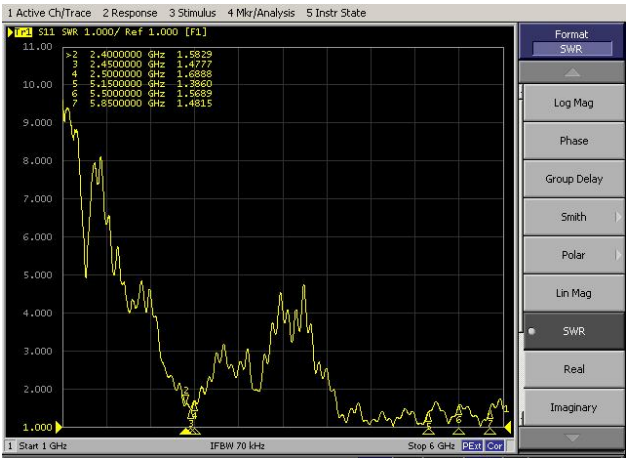
5-1

| Characteristics                   | Specifications    | Unit |
|-----------------------------------|-------------------|------|
| Outline Dimensions                | 28.14x13.12x0.12  | mm   |
| Center Frequency                  | 2.4-2.5+5.15-5.85 | GHz  |
| Bandwidth(under-10dB return loss) | 130min            | MHz  |
| VSWR                              | 3max              |      |

5-2.

VSWR

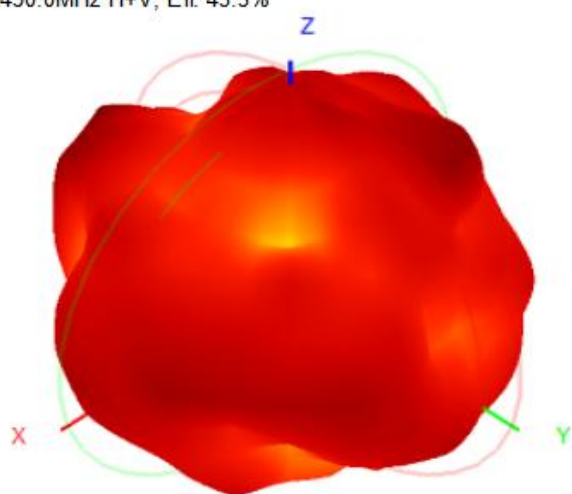
S11



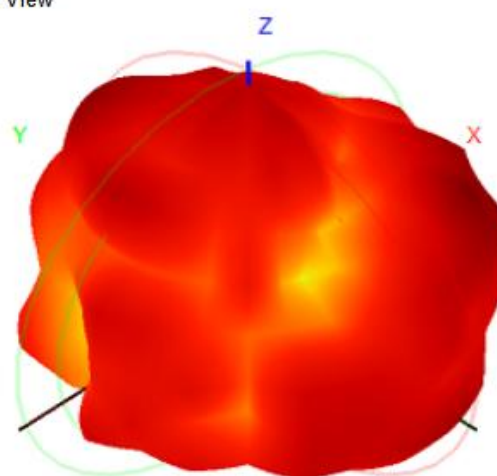
### 5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

| 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) | -3.77  | -3.63  | -3.55  | -3.28  | -3.32  | -3.63  | -3.91  | -3.75  | -3.67  | -3.91  | -3.78  | -3.49  | -3.82  | -3.69  | -3.67  | -3.70  |
| Gain (dBi)       | 1.95   | 1.78   | 1.72   | 2.02   | 2.34   | 2.15   | 1.77   | 2.10   | 2.47   | 2.17   | 2.16   | 2.27   | 2.44   | 2.65   | 2.20   | 2.11   |
| Efficiency (%)   | 41.97  | 43.29  | 44.11  | 46.90  | 46.49  | 43.26  | 40.59  | 42.16  | 42.89  | 40.63  | 41.79  | 44.71  | 41.42  | 42.72  | 42.89  | 42.57  |

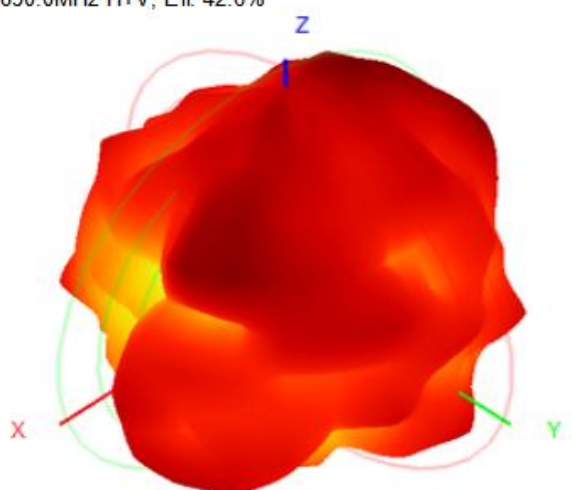
2450.0MHz H+V, Eff. 43.3%



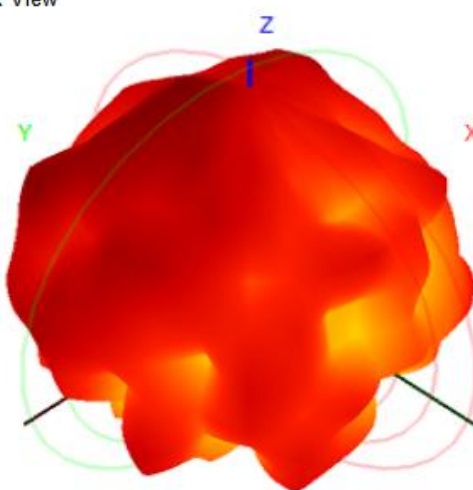
Back View



5850.0MHz H+V, Eff. 42.6%



Back View



## 6. Antenna Dimensions (unit: mm)

