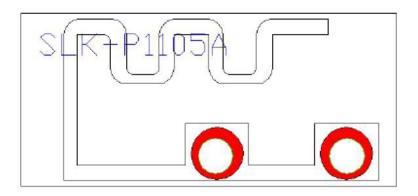
SPECIFICATION FOR APPROVAL

Supplier name: Shenzhen SEND COMMUNICATIONS Technology Co., Ltd Supplier address: Room 202, B building, Baochengtaizhihui Industry Park, Jixiang Cummunity Caiyun Road, No.8, Longgang, Shenzhen

WIFI Antenna (P1105A)

1. Explanation of Product number:

S L K - Z K X C - P 1 1 0 5 A 1 2



Product Code:

(1) Customer:

ZKXC: 中科迅驰

(2) Project:

P1105A: SLK-ZKXC-P1105A(WIFI antenna)

2. Features

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

3. Applications

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

4. Description

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

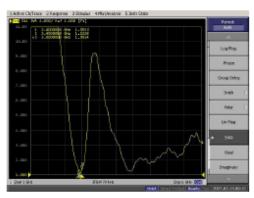
5. Electrical Specifications

5-1

| Characteristics | Specifications | Unit |
|-----------------------------------|-----------------|------|
| Outline Dimensions | 11.61x5.34x 3.0 | mm |
| Center Frequency | 2.4-2.5 | GHz |
| Bandwidth(under-10dB return loss) | 130min | MHz |
| VSWR | 3max | |

5-2.

VSWR

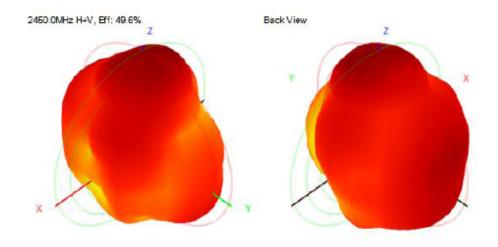


S11



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

| Frequen | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Efficienc | -3.21 | -2.99 | -3.00 | -2.88 | -3.01 | -3.05 | -3.00 | -3.22 | -3.27 | -3.24 | -3.27 |
| Gain (dE | 2.26 | 2.42 | 2.53 | 2.79 | 2.99 | 2.99 | 2.78 | 2.38 | 2.18 | 1.85 | 1.73 |
| Efficienc | 47.77 | 50.20 | 50.11 | 51.56 | 50.00 | 49.59 | 50.08 | 47.66 | 47.10 | 47.39 | 47.08 |



7. Antenna Picture







WIFI ANTENNA