

**Shenzhen Yishengbang Technology Co.,  
Ltd.**

**SPECIFICATION FOR  
APPROVAL**

Male      Division      Name      (customer to fill in): Shenzhen Puner Electronics Co., Ltd.  
things      Material      Generation      Code: (to be completed by customer):  
Gauge      Lattice      Type      No. (to be filled in by customer) K07  
Commitment      Recognize      Day      (to be completed by the customer):  
For      Should      Business      (SLK to be filled in):  
For      name      Shenzhen yishengbang technology co., ltd  
For      Should      business type      GPS + WIFI:SLK-PNE-5019A-L-97-B No. (SLK to be filled in):

Commitment			Signature		
Recognize					
For Should Merchant Commitment Recognize					
Engineer	Audit	Approved	Engineer	Audit	Approved
Fan Hsinchu	Huang Zhen	Yishengbang Technology Co., Ltd.			
Seal and Sign			Seal and Sign		
Day	Period	2023-12-20	Date		
Instructions: <input type="checkbox"/> Accepted <input type="checkbox"/> Conditional Acceptance					
(Customer) Remarks:					



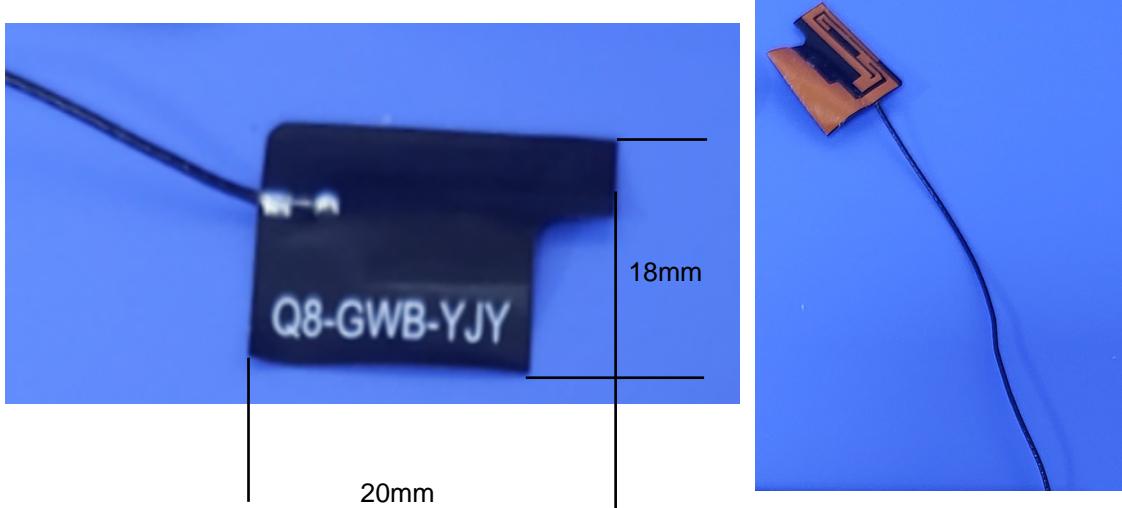
Supplier Name: Shenzhen Yishengbang Technology Co., Ltd.

Supplier's address: 101, Building C, Qianwan Hard Technology Industrial Park, Nanchang Community, xixiang street, Bao'an District, Shenzhen Tel: 18666299104 Fax: 0769-82553116

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# GPS+WIFI

## 1. Explanation of Product number :



Product Code:

- (1) Customer:
- (2) Antenna Name: WIFI (WIFI Antenna)
- (3) Connector: 1.13 97mm

## 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) GPS functions are needed

## 4. Description

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

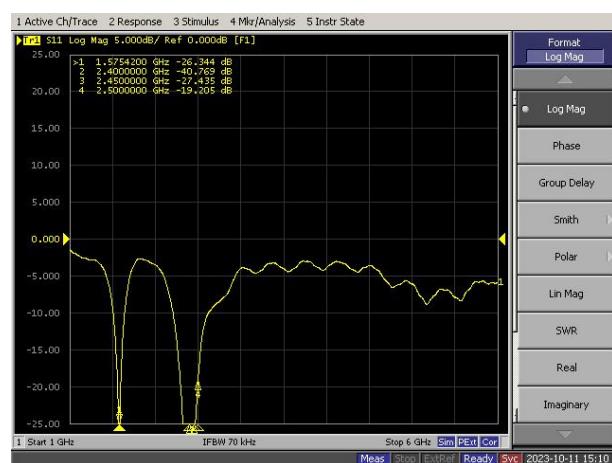
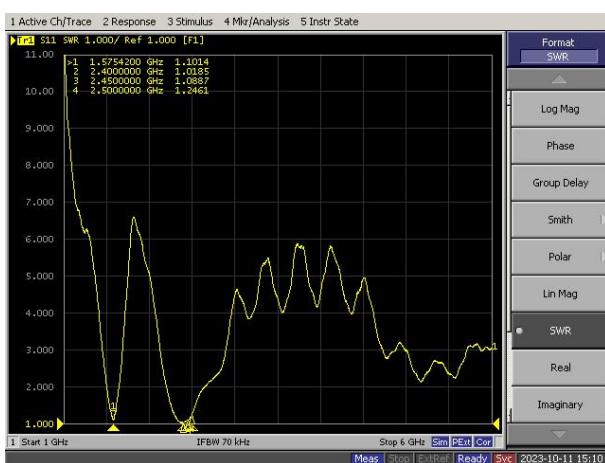
### 5-1

Characteristics	Specifications	Unit
Outline Dimensions	49.79x19.13x0.12	mm
Center Frequency	1.575+2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

### 5-2.

VSWR

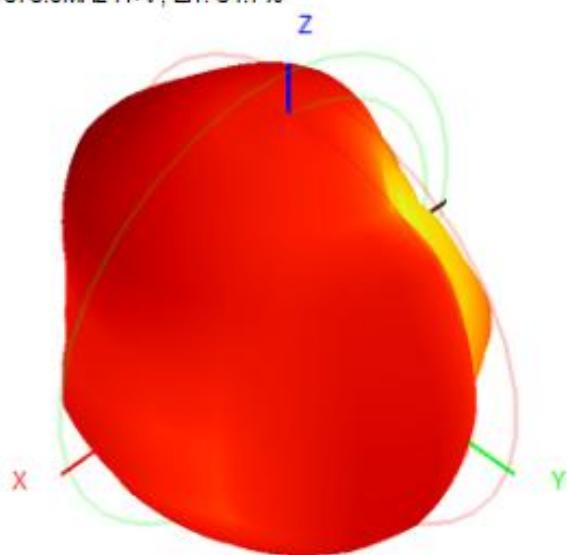
S11



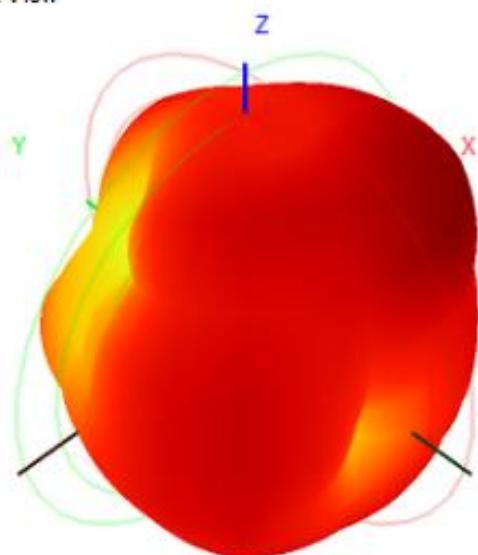
### 5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	1575.0	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.62	-2.84	-2.58	-2.45	-2.37	-2.59	-2.64	-2.42	-2.69	-2.53	-2.60	-2.71
Gain (dBi)	2.11	2.25	2.70	2.59	2.59	2.09	1.72	1.90	1.39	1.71	1.68	1.52
Efficiency (%)	54.69	52.03	55.24	56.83	57.97	55.13	54.42	57.32	53.84	55.85	54.96	53.64

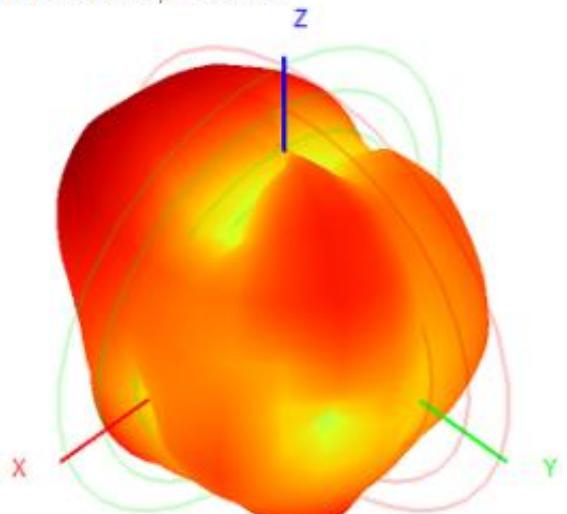
1575.0MHz H+V, Eff: 54.7%



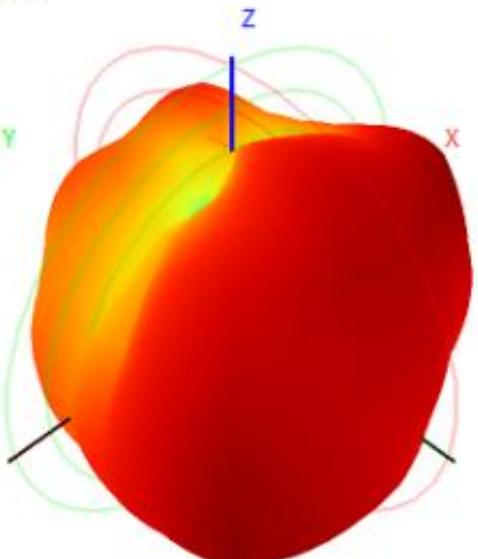
Back View



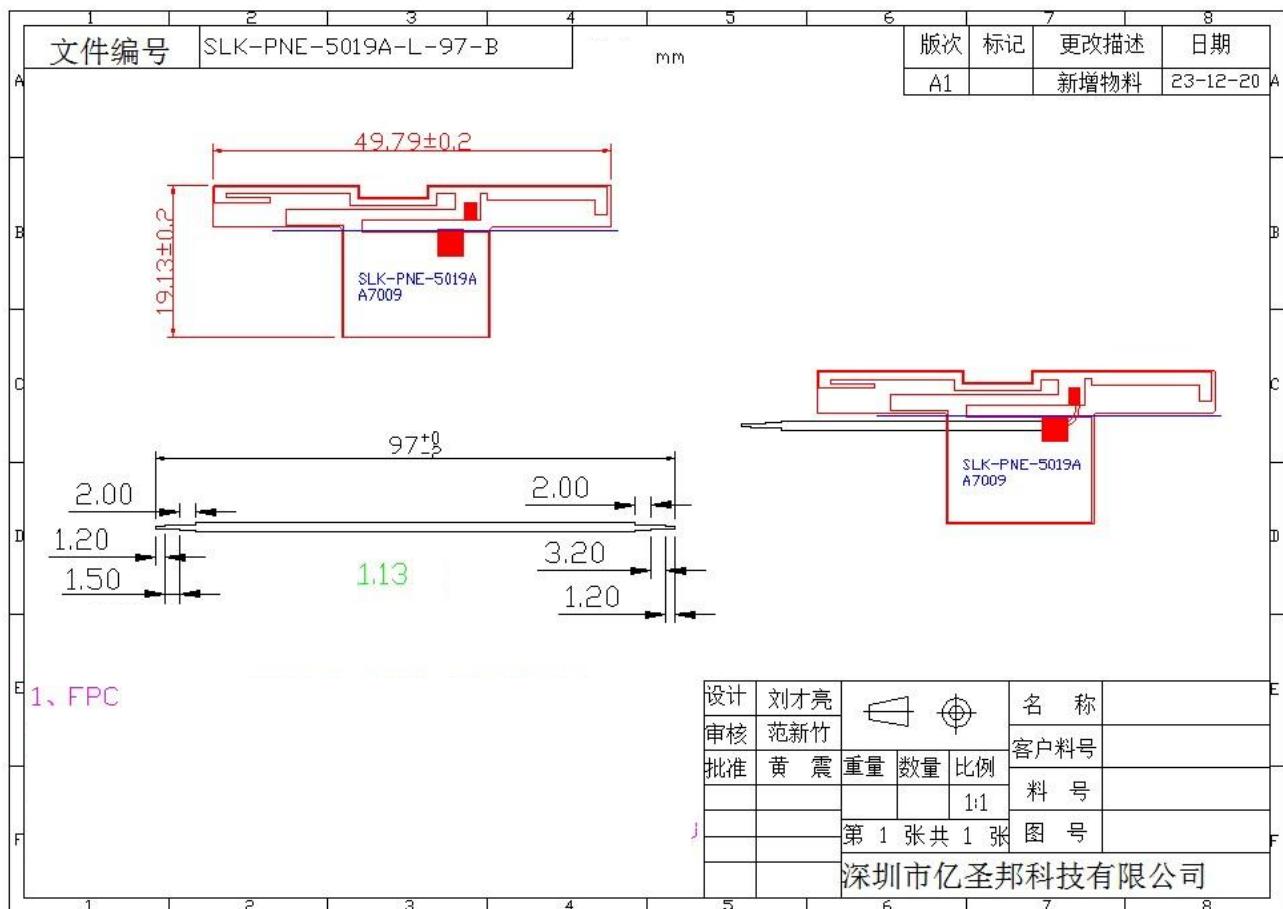
2450.0MHz H+V, Eff: 54.4%



Back View



## 6. Antenna Dimensions (unit: mm)



设计	刘才亮			名 称						
				客户料号						
审核	范新竹	重量	数量	比例						
批准	黄 震			1:1	料 号					
第 1 张共 1 张 图 号										
深圳市亿圣邦科技有限公司										

## 7. Antenna Picture

