

Shenzhen Yishengbang Technology Co., Ltd.

Name of supplier (fill in SLK): Shenzhen Yishengbang
Technology Co., Ltd.

Supplier Specification Model (fill in SLK): WIFIMAIN:
SLK-YLD-2025E-R-370IV-B

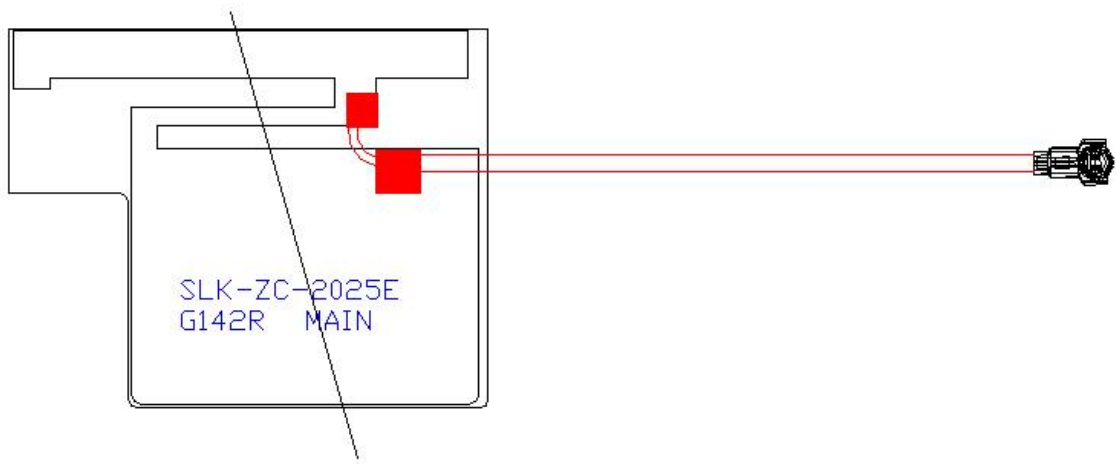
Supplier Name: Shenzhen Yishengbang Technology Co., Ltd.
Supplier Address: 2nd Floor, Workshop No. 5, Yinyuan Street,
Jiaoyitang, Tangxia Town, Dongguan City
Tel: 0755-294300882 Fax: 0755-29163512

WIFIMAIN Antenna (2025E)

1. Explanation of Product number :

S L K - Y L D - 2 0 2 5 E - R - 3 7 0 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

(2) Project:

2025E: SLK-YLD-2025E (WIFIMAIN antenna)

(3) Welding Position

R: Right

(4) Cable Length:

370IV: 370*1.13MM fourth generation terminal

(5)Cable Color

B: Black

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

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

4. Description

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

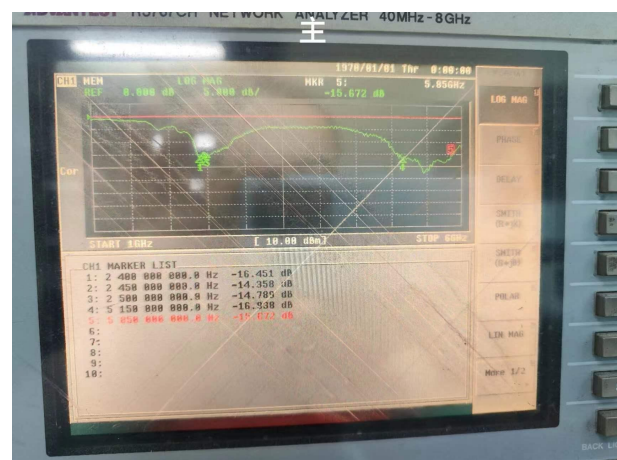
Characteristics	Specifications	Unit
Outline Dimensions	25.43x 20.09x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



S11



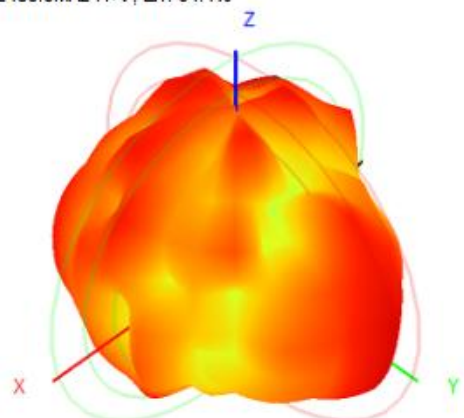
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-2.26	4.34	59.43
2410.0	-2.10	4.43	61.62
2420.0	-2.22	4.21	59.97
2430.0	-1.91	4.46	64.39
2440.0	-2.07	4.33	62.04
2450.0	-2.15	4.10	60.89
2460.0	-2.18	4.26	60.60
2470.0	-2.48	3.87	56.47
2480.0	-2.41	3.94	57.44
2490.0	-2.32	3.90	58.61
2500.0	-2.60	3.50	54.96
5150.0	-2.65	2.56	54.28
5350.0	-2.52	2.87	56.02
5550.0	-2.77	3.21	52.88
5750.0	-2.69	4.75	53.88
5850.0	-2.29	4.34	59.01

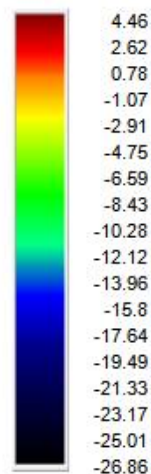
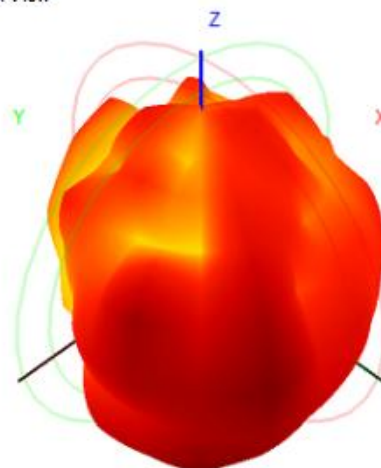
WIFI 有源测试

频段	1	6	11
B-TRP-11MBps	11.14	12.17	13.05
B-TIS-11MBps	-80.21	-80.59	-80.85
G-TRP-54MBps	10.14	11.47	10.91
G-TIS-54MBps	-65.28	-66.26	-66.04
N-TRP-MCS7	10.26	11.61	10.73
N-TIS-MCS7	-63.08	-63.25	-63.17
频段	36	149	165
A-TRP-54MBps	10.37	11.81	12.67
A-TIS-54MBps	-66.9	-66.47	-65.6

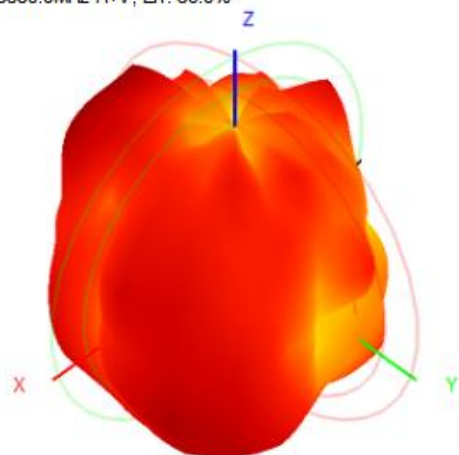
2430.0MHz H+V, Eff: 64.4%



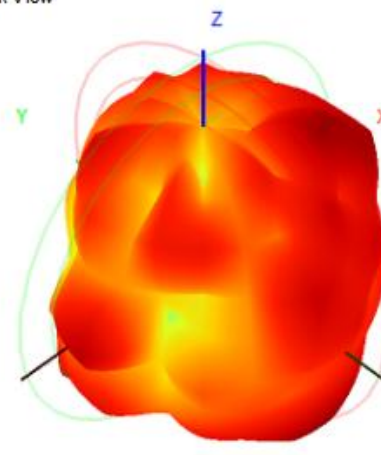
Back View



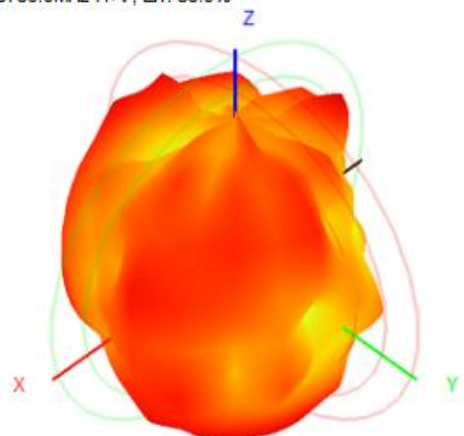
5350.0MHz H+V, Eff: 56.0%



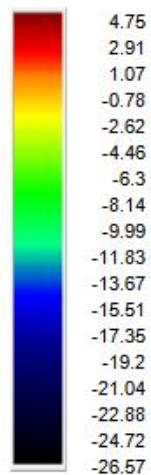
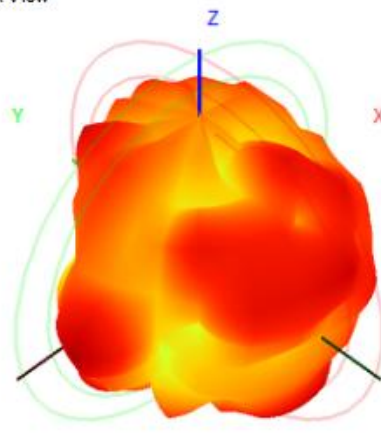
Back View



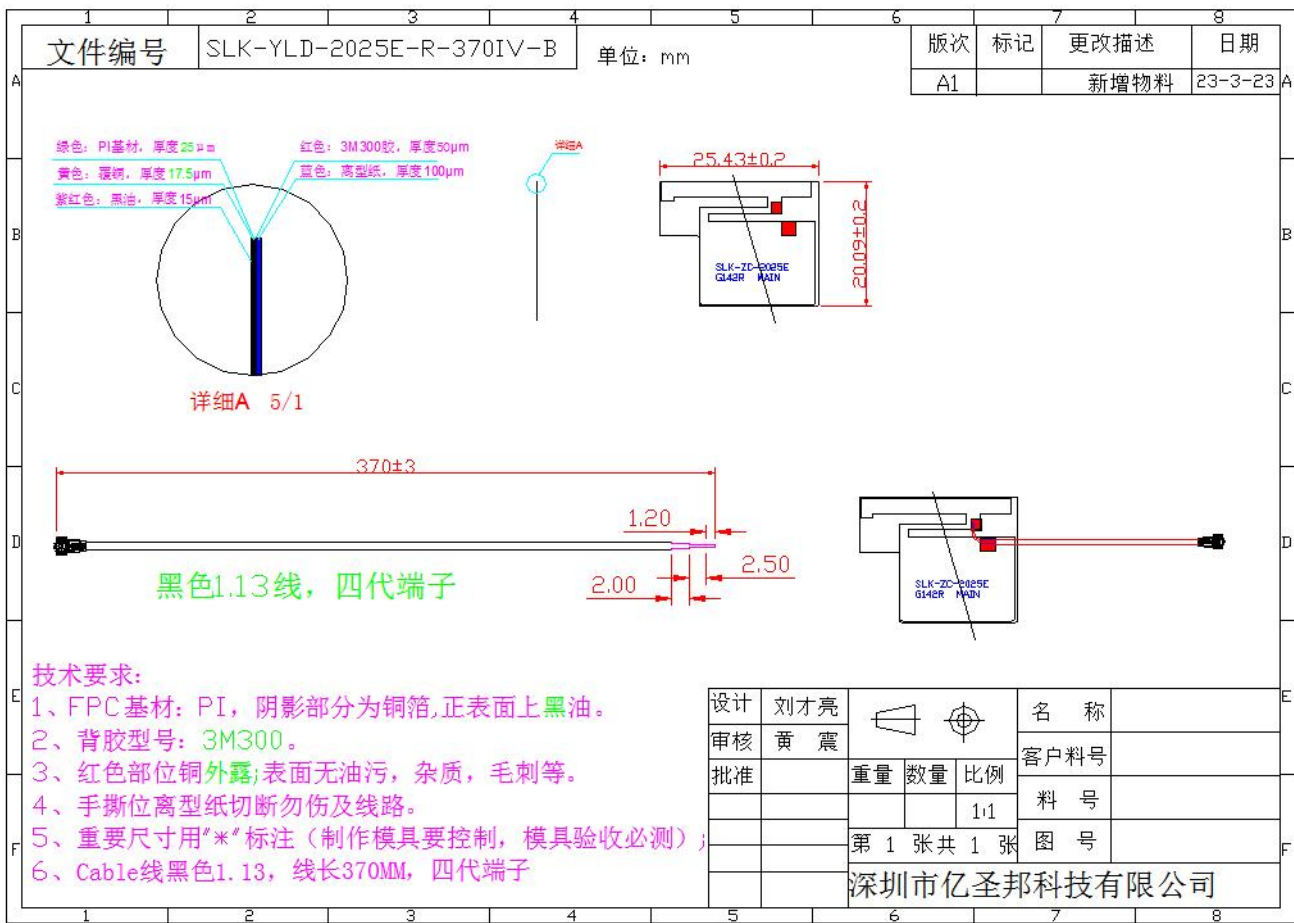
5750.0MHz H+V, Eff: 53.9%



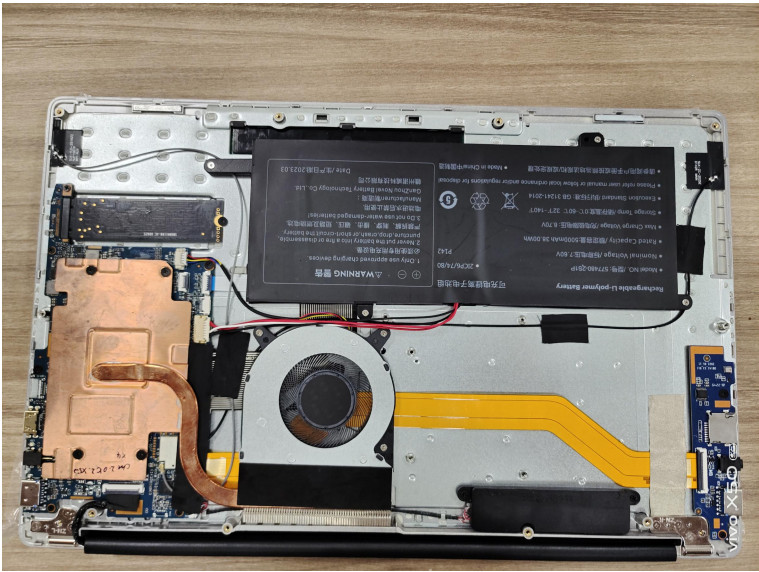
Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 主天线



WIFI 分集天线