

深圳市亿圣邦科技有限公司
Shenzhen Yishengbang Technology Co., Ltd.
样品承认书

SPECIFICATION FOR APPROVAL

Customer Name : Dongguan Iproda Technology Co., Ltd
Material Code : _____
Model : A2312P3WA
Date : _____
Manufacturer : 深圳市亿圣邦科技有限公司
Manufacturer Model Name : WIFI MAIN: SLK-APD-3212J2-R-380IV-B
WIFI AUX: SLK-APD-3212J3V1-L-450IV-G

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			东莞市艾普达科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日 期	2026-4-14		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

Manufacturer: Shenzhen Yishengbang Technology Co., Ltd.
Manufacturer Address: Room1 01, Building C, Shenzhen Qianwan Hard Science and Technology Industrial Park, Nanchang Community, Xixiang Sub-district, Bao'an District, Shenzhen, Guangdong, China

WIFIMAIN Antenna (3212J2)

1. Explanation of Product number :

S L K - A P D - 3 2 1 2 J 2 - R - 3 8 0 I V - B

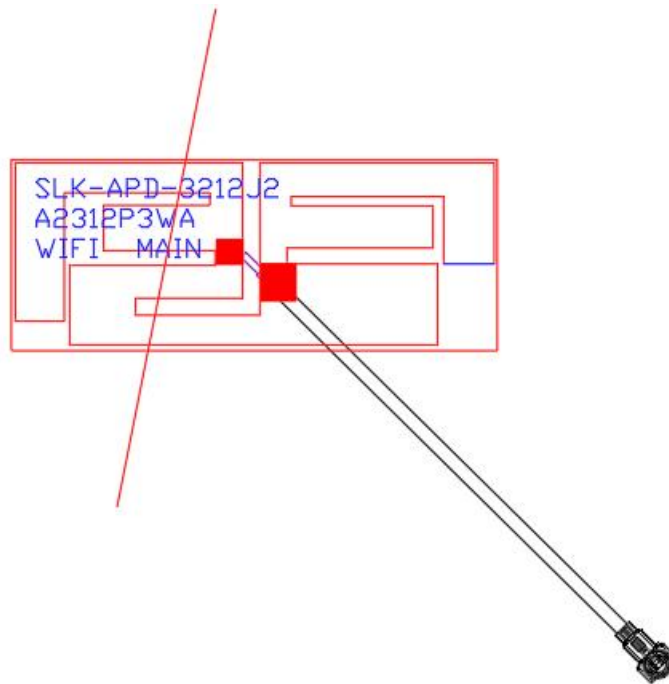
1

2

3

4

5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

3212J2: SLK-3212J2(WIFIMAIN antenna)

(3) Welding Position

R:Right

(4) Cable Length:

380IV: 380*1.13MM四代端子

(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 (802.11 a/b/g/n) functions are needed

4. Description

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

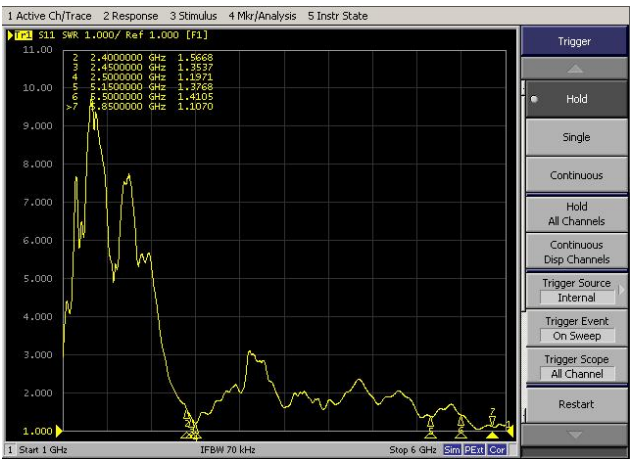
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x 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

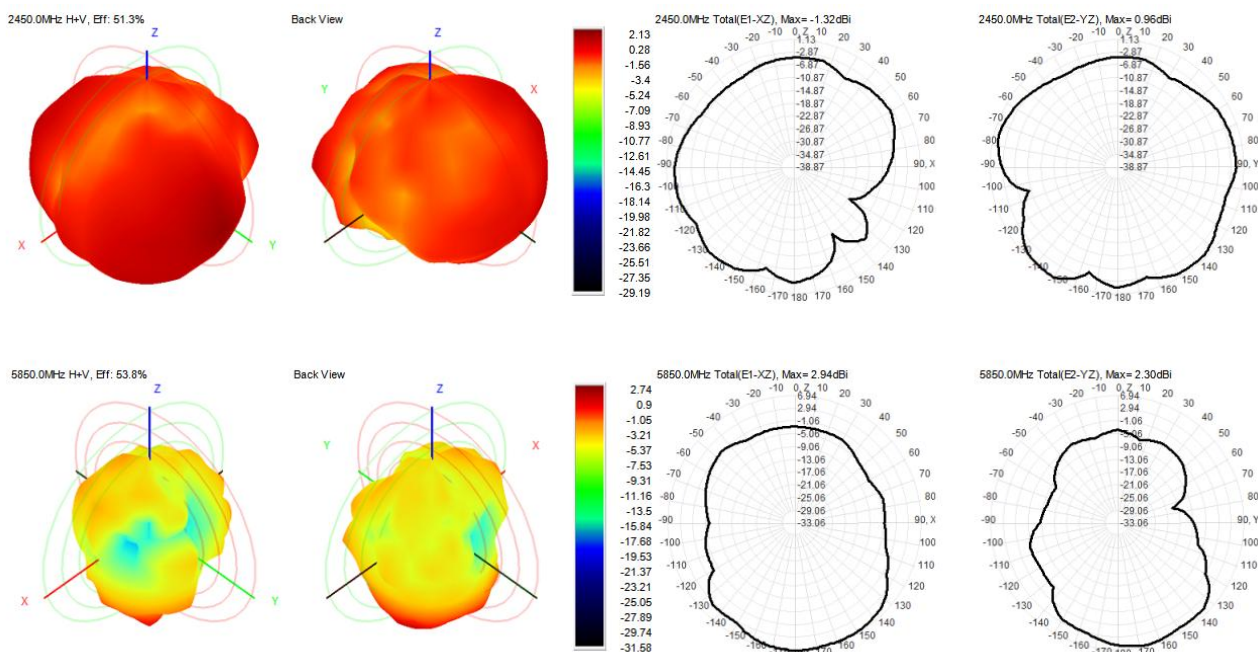


S11

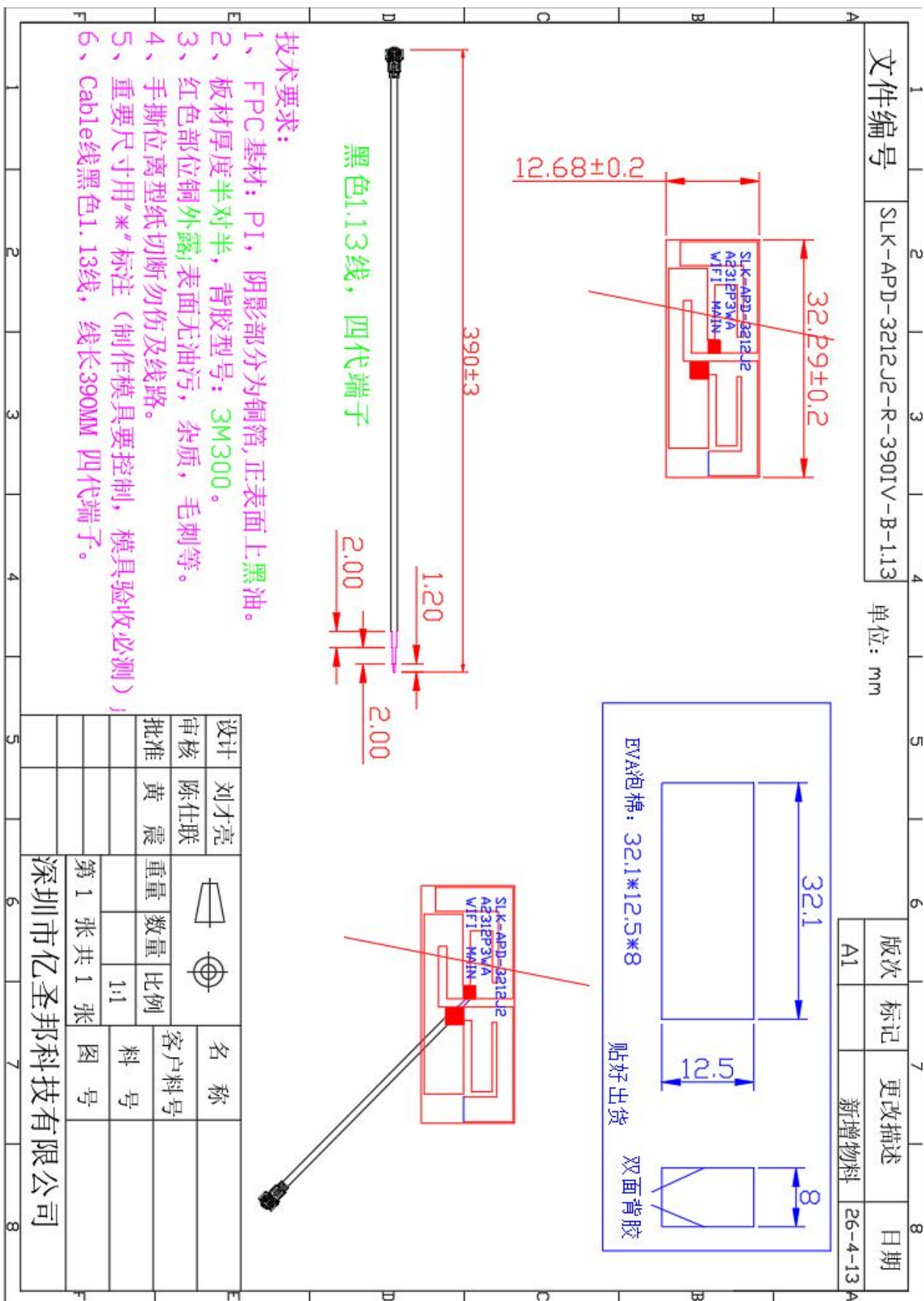


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.10	2.22	49.01
2410.0	-2.96	2.13	50.58
2420.0	-2.82	2.22	52.22
2430.0	-2.79	2.34	52.59
2440.0	-2.87	2.33	51.65
2450.0	-2.90	2.13	51.34
2460.0	-2.74	2.43	53.27
2470.0	-2.94	1.91	50.77
2480.0	-2.85	2.35	51.84
2490.0	-2.76	2.22	52.97
2500.0	-2.87	1.93	51.62
5150.0	-2.36	2.09	58.11
5350.0	-1.92	1.62	54.21
5550.0	-2.04	1.69	52.47
5750.0	-1.17	1.85	56.43
5850.0	-0.77	1.74	53.80



6. Antenna Dimensions (unit: mm)



WIFIAUX Antenna (3212J3V1)

1.Explanation of Product number :

S L K - A P D - 3 2 1 2 J 3 V 1 - L - 4 5 0 I V - G

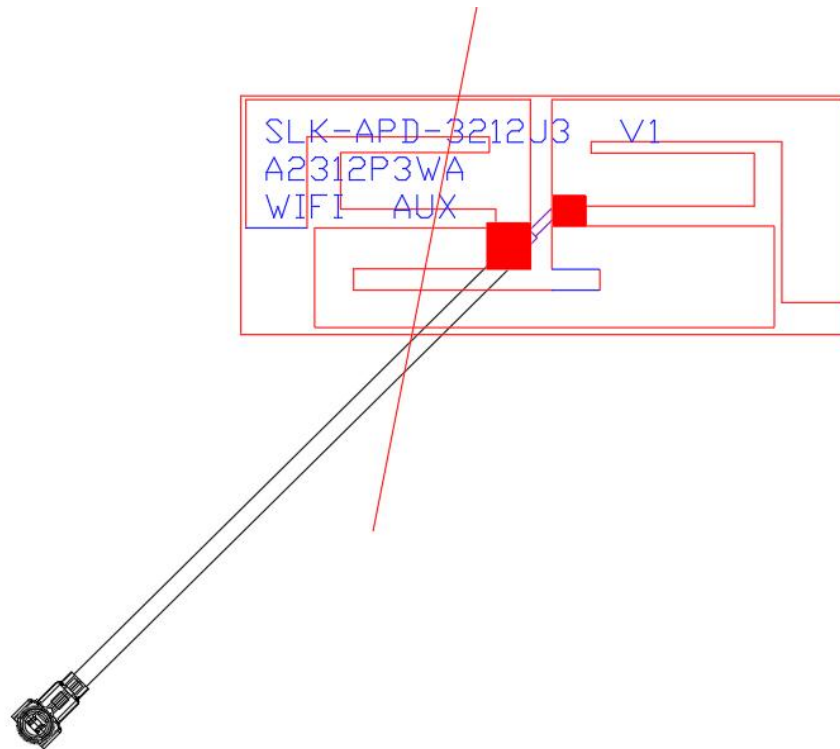
1

2

3

4

5



Product Code:

(1) Customer:

APD: 艾普达

(2) Project:

3212J3V1: SLK-3212J3V1(WIFIAUX antenna)

(3) Welding Position

L:Left

(4) Cable Length:

450IV: 450*1.13MM四代端子

(5)Cable Color

G: Gray

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

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

4. Description

Holy bond’s FPC antenna series are specially designed for WIFI (802.11 a/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.

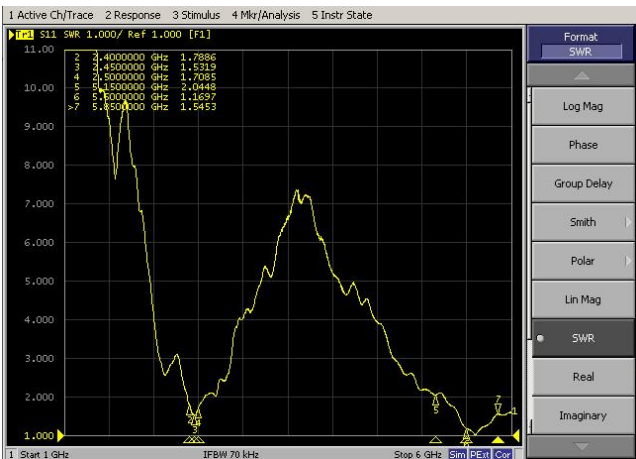
5. Electrical Specifications

5-1

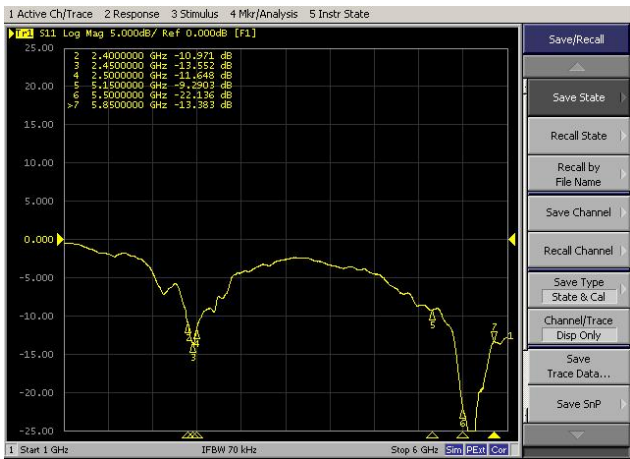
Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

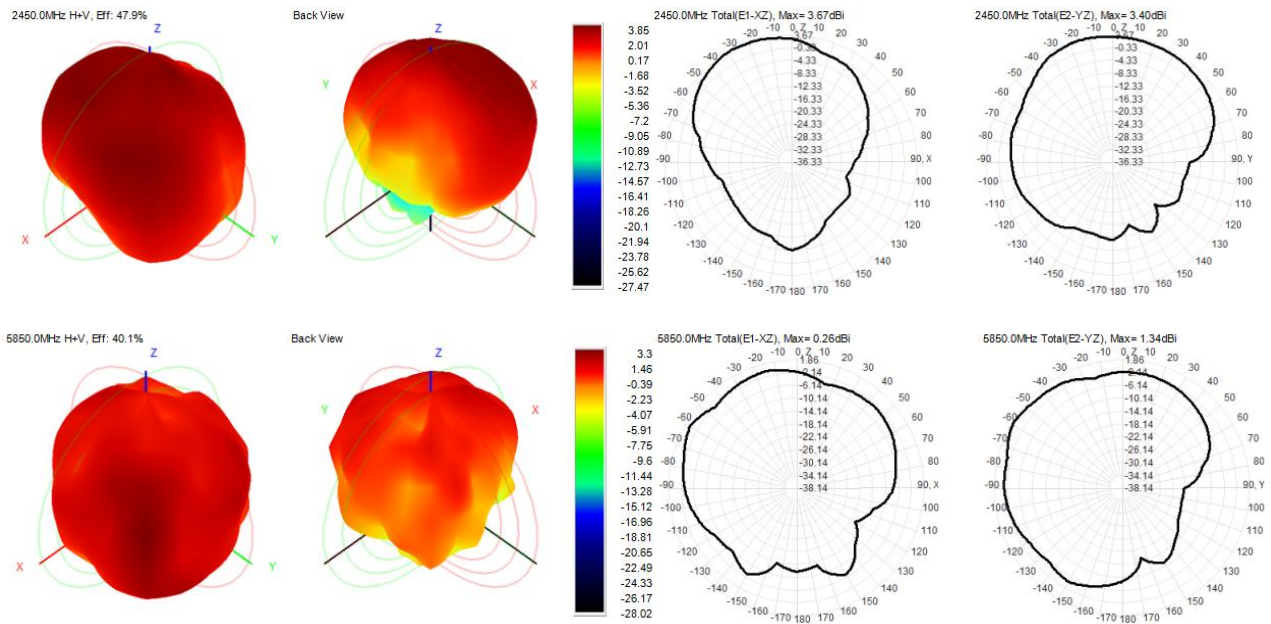


S11

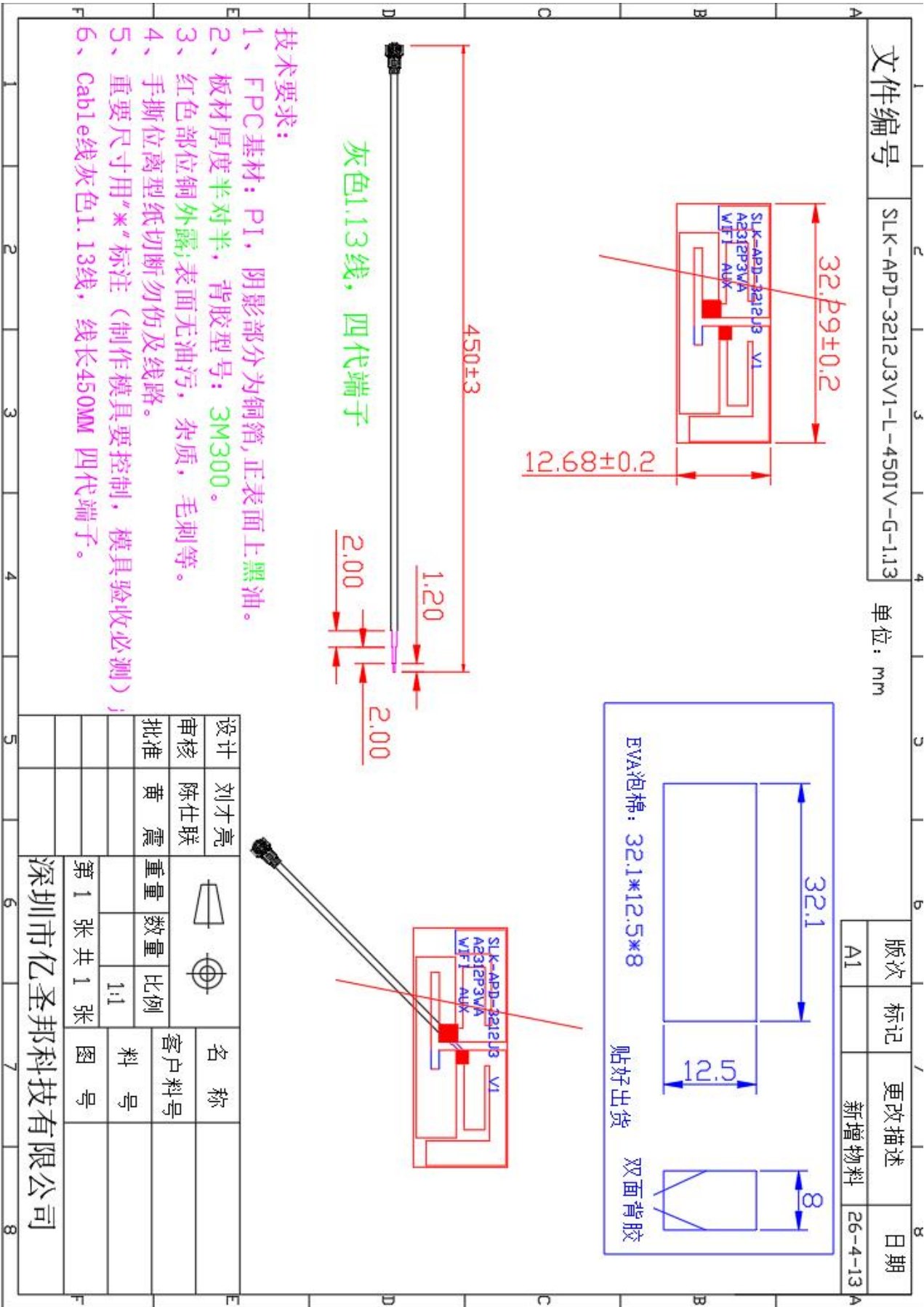


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

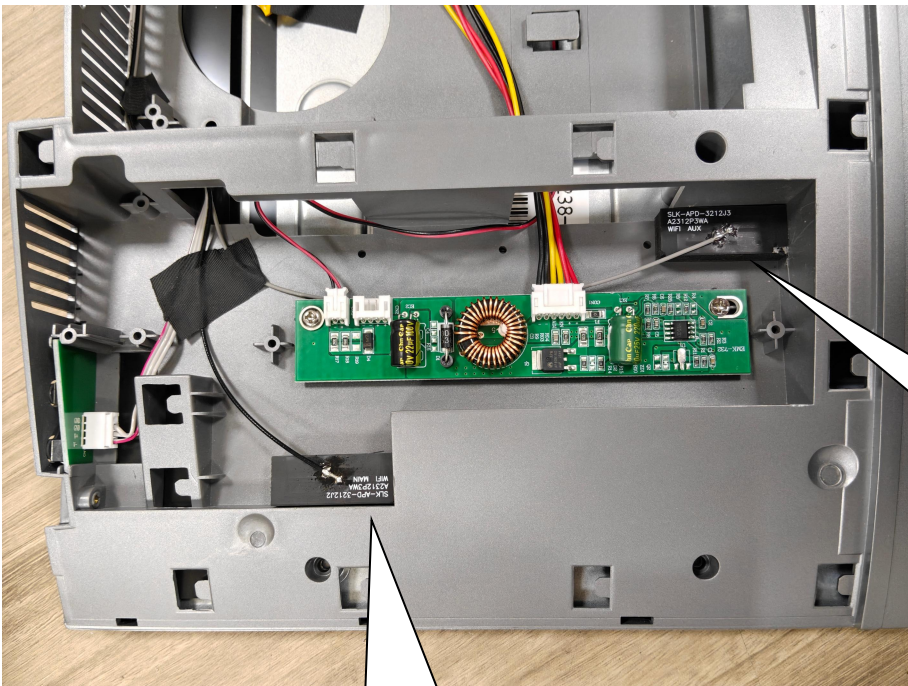
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.53	3.85	44.38
2410.0	-3.25	3.93	47.30
2420.0	-3.24	3.72	47.39
2430.0	-3.05	3.87	49.49
2440.0	-3.23	3.81	47.55
2450.0	-3.19	3.85	47.93
2460.0	-3.28	3.87	46.99
2470.0	-3.34	4.13	46.29
2480.0	-3.26	4.31	47.20
2490.0	-3.54	3.94	44.31
2500.0	-3.71	4.13	42.57
5150.0	-4.38	2.37	36.50
5350.0	-4.43	1.72	36.03
5550.0	-4.16	2.61	38.34
5750.0	-4.28	2.83	37.30
5850.0	-3.97	3.30	40.06



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 主天线

WIFI 分集天线