

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

公司名称 (客户填写): 东莞市艾普达科技有限公司

物料代码 (客户填写):

规格型号 (客户填写): A2312P0JA

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

供应商规格型号 (SLK 填写): WIFIMAIN:SLK-APD-3212F1-R-265IV-B

WIFIAUX:SLK-APD-3212F2-L-355IV-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

刘顺

黄震

林美财

盖章签署

盖章签署

日期

2024-7-27

日期

批示: ☐接受 ☐有条件接受

备注 (客户填写):

Manufacturer: Shenzhen Yishengbang Technology Co., Ltd

Address: 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, China

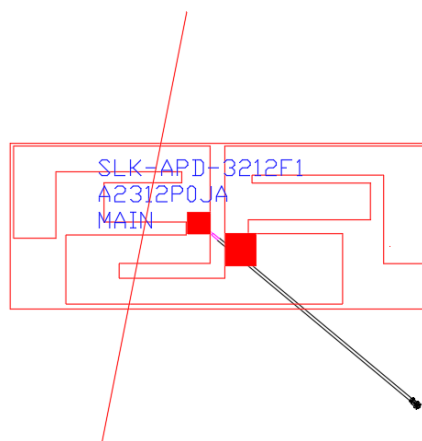
Phone: +86-18025305599

WIFIMAIN Antenna (3212F1)

1. Explanation of Product number :

S L K - A P D - 3 2 1 2 F 1 - R - 2 6 5 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

3212F1: SLK-3212F1(WIFIMAIN antenna)

(3) Welding Position

R:Right

(4) Cable Length:

265IV: 265*1.13MM四代端子(低损耗线)

(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.

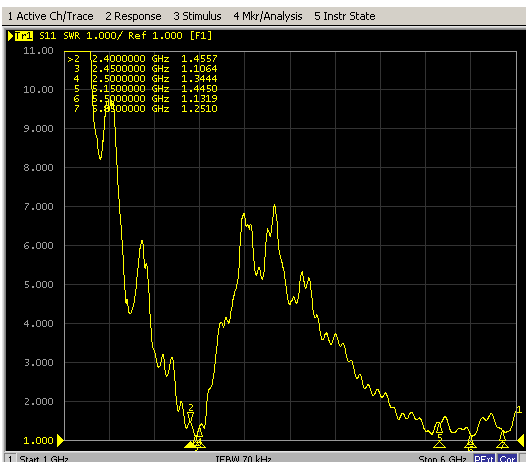
5. Electrical Specifications

5-1

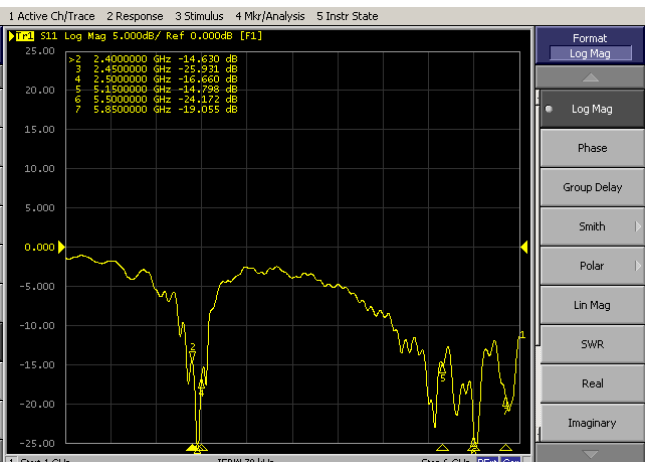
Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

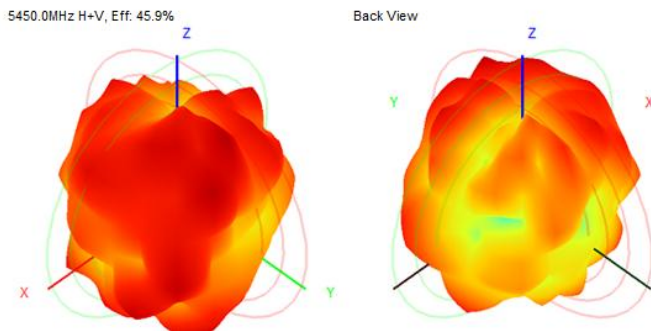
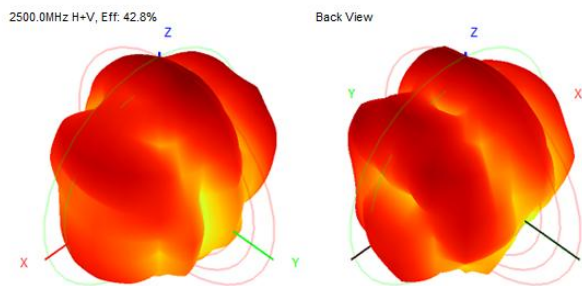
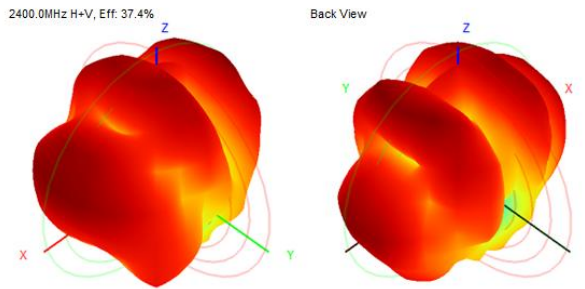


S11

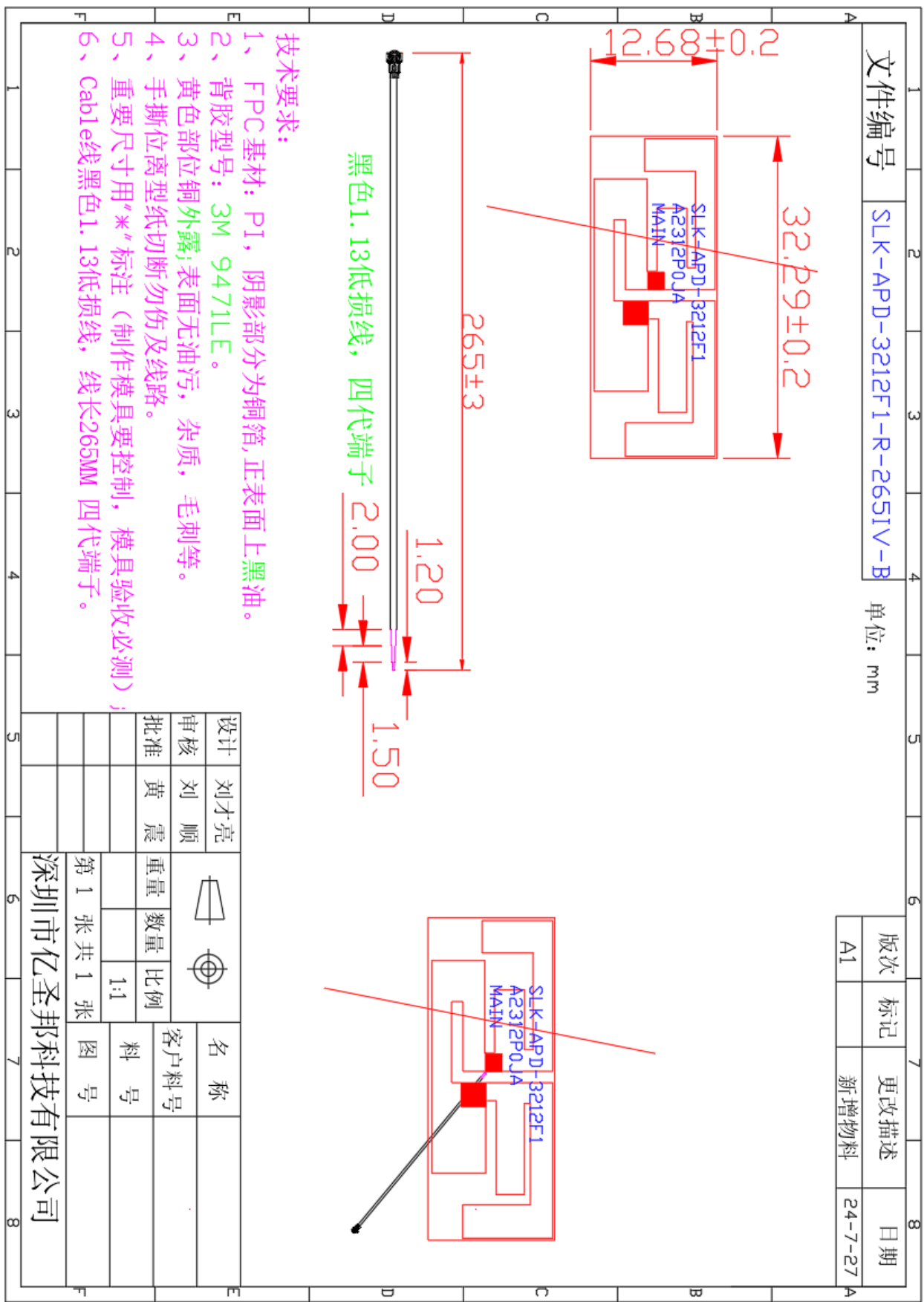


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.27	1.21	37.41
2410	-4.20	1.32	38.02
2420	-3.70	1.74	42.70
2430	-4.20	1.36	38.01
2440	-4.28	1.43	37.36
2450	-4.52	1.18	35.34
2460	-3.95	1.74	40.31
2470	-4.40	1.61	36.34
2480	-4.38	1.72	36.50
2490	-3.89	1.16	40.85
2500	-3.69	1.48	42.79
5150	-4.67	1.86	34.13
5250	-4.48	1.32	35.64
5450	-3.38	2.51	45.93
5850	-3.68	2.39	42.89



6. Antenna Dimensions (unit: mm)



WIFIAUX Antenna (3212F2)

1.Explanation of Product number :

S L K - A P D - 3 2 1 2 F 2 - L - 3 5 5 I V - G

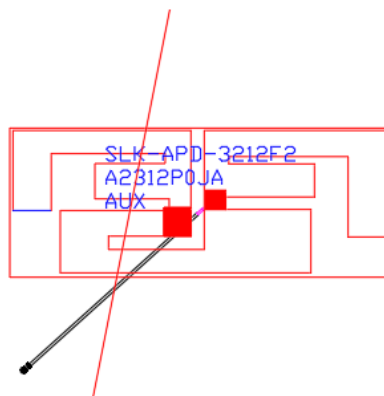
1

2

3

4

5



Product Code:

(1) Customer:

APD: 艾普达

(2) Project:

3212F2: SLK-3212F2(WIFIAUX antenna)

(3) Welding Position

L:Left

(4) Cable Length:

355IV: 355*1.13MM四代端子(低损耗线)

(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

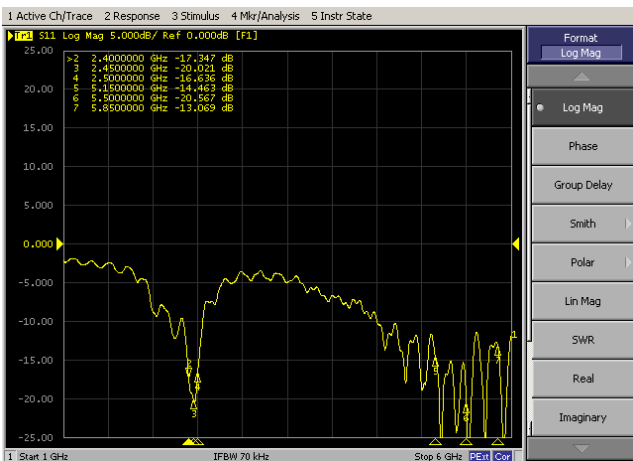
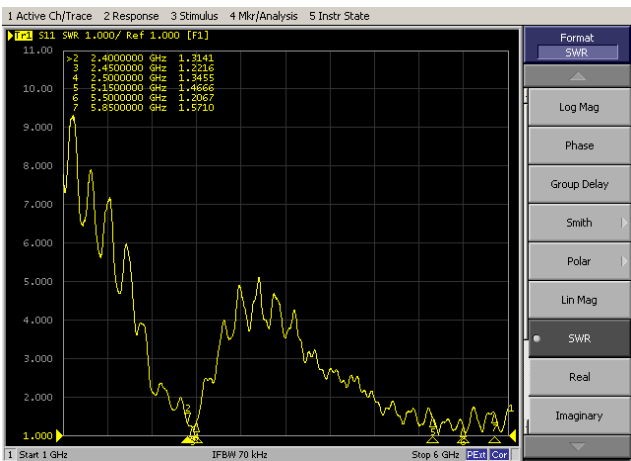
5-1

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.

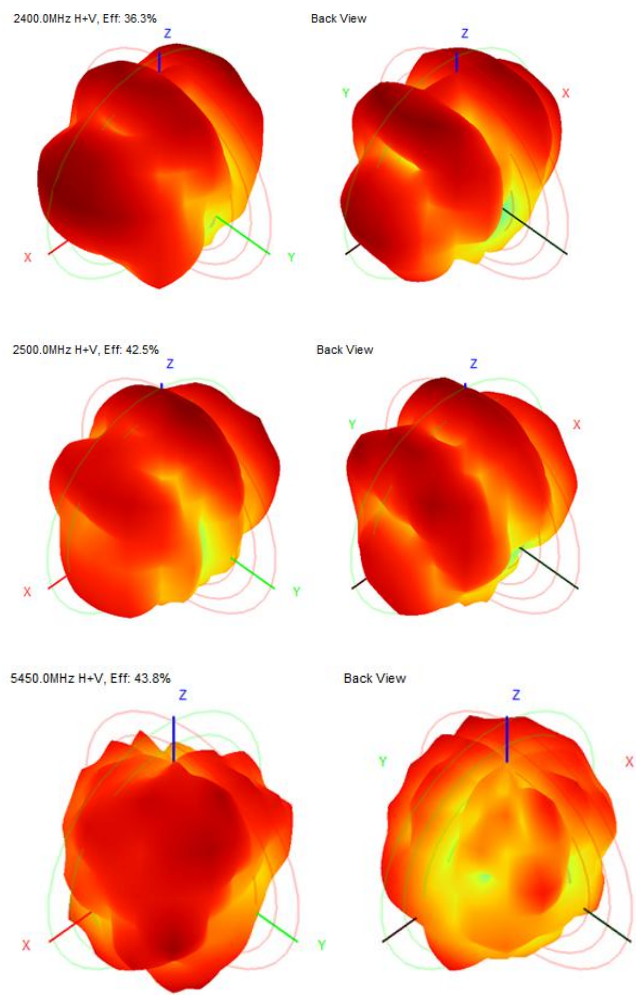
VSWR

S11

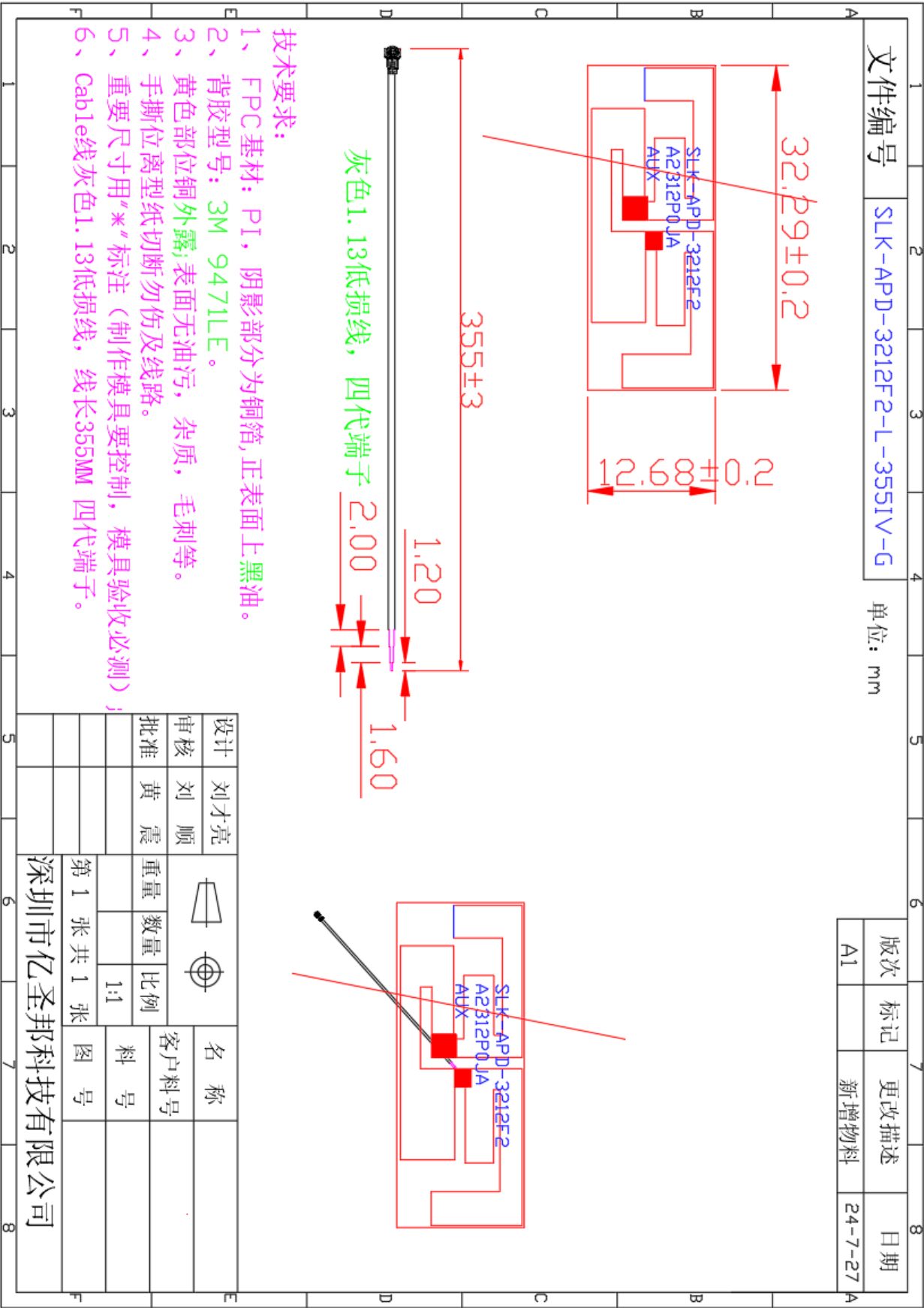


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.39	1.21	36.35
2410	-4.22	1.32	37.82
2420	-3.72	1.74	42.46
2430	-4.17	1.36	38.27
2440	-4.29	1.43	37.18
2450	-4.26	1.18	37.48
2460	-3.88	1.74	40.89
2470	-4.46	1.61	35.78
2480	-4.30	1.72	37.11
2490	-3.90	1.16	40.70
2500	-3.71	1.48	42.49
5150	-4.28	1.86	37.27
5250	-4.41	1.32	36.15
5450	-3.58	2.51	43.79
5850	-3.50	2.39	44.63



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 主天线



WIFI 分集天线