

深圳市亿圣邦科技有限公司

样品承认书

SPECIFICATION FOR APPROVAL

公司名称 (客户填写): 深圳市伟合佳科技有限公司

物料代码 (客户填写):

规格型号 (客户填写): 33 单

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): WIFI MAIN:SLK-WHJ-1620-R-305IV-B

WIFI AUX:SLK-WHJ-2120-L-250IV-G

承 认 签 章

供 应 商 承 认 (SLK 填写栏)

深圳市伟合佳科技有限公司

工 程 师

审 核

批 准

工 程 师

审 核

批 准

曾立文

黄震

林美财

盖章签署

盖章签署

日期 2022-07-20

日期

批示: ☐接受 ☐有条件接受

备注 (客户填写):

供应商名称: 深圳市亿圣邦科技有限公司

供应商地址: 深圳市宝安区深圳前湾硬科技产业园 B 栋 608

电 话: 18025305599

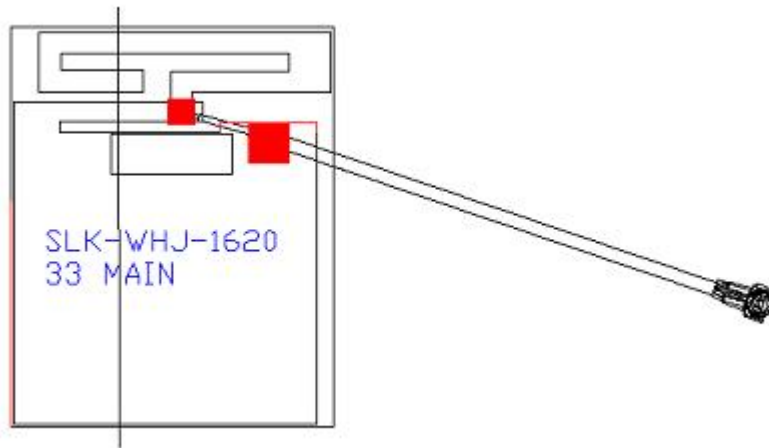
电 话: 18666299104

WIFI MAIN Antenna (1620)

1. Explanation of Product number :

S L K - W H J - 1 6 2 0 - R - 3 0 5 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

WHJ:伟合佳

(2) Project:

1620: SLK-WHJ-1620 (WIFI antenna)

(3) Welding Position

R: Right

(4) Cable Length:

305IV: 305*0.81MM 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 (802.11a/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.

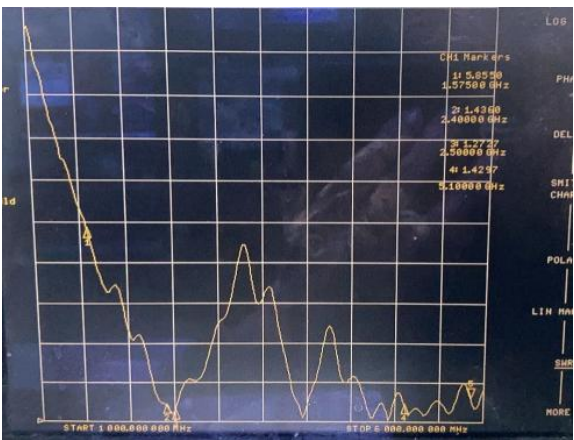
5. Electrical Specifications

5-1

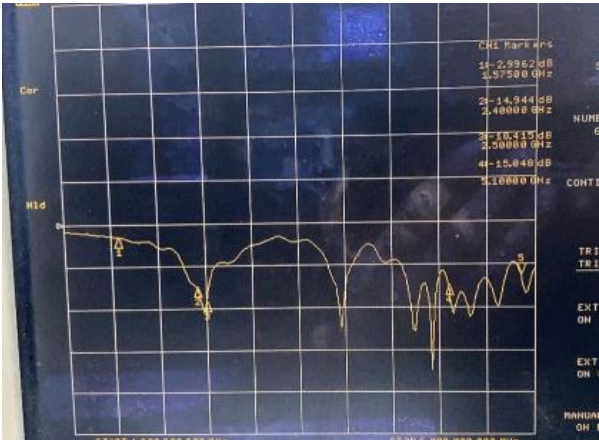
Characteristics	Specifications	Unit
Outline Dimensions	16.26x20.15x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

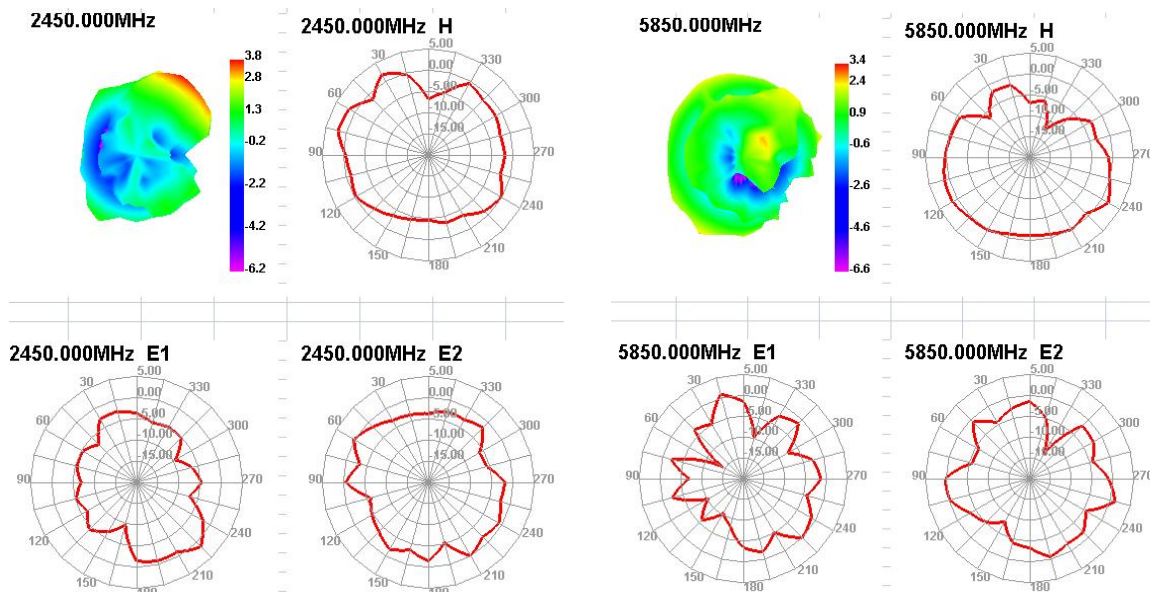


S11

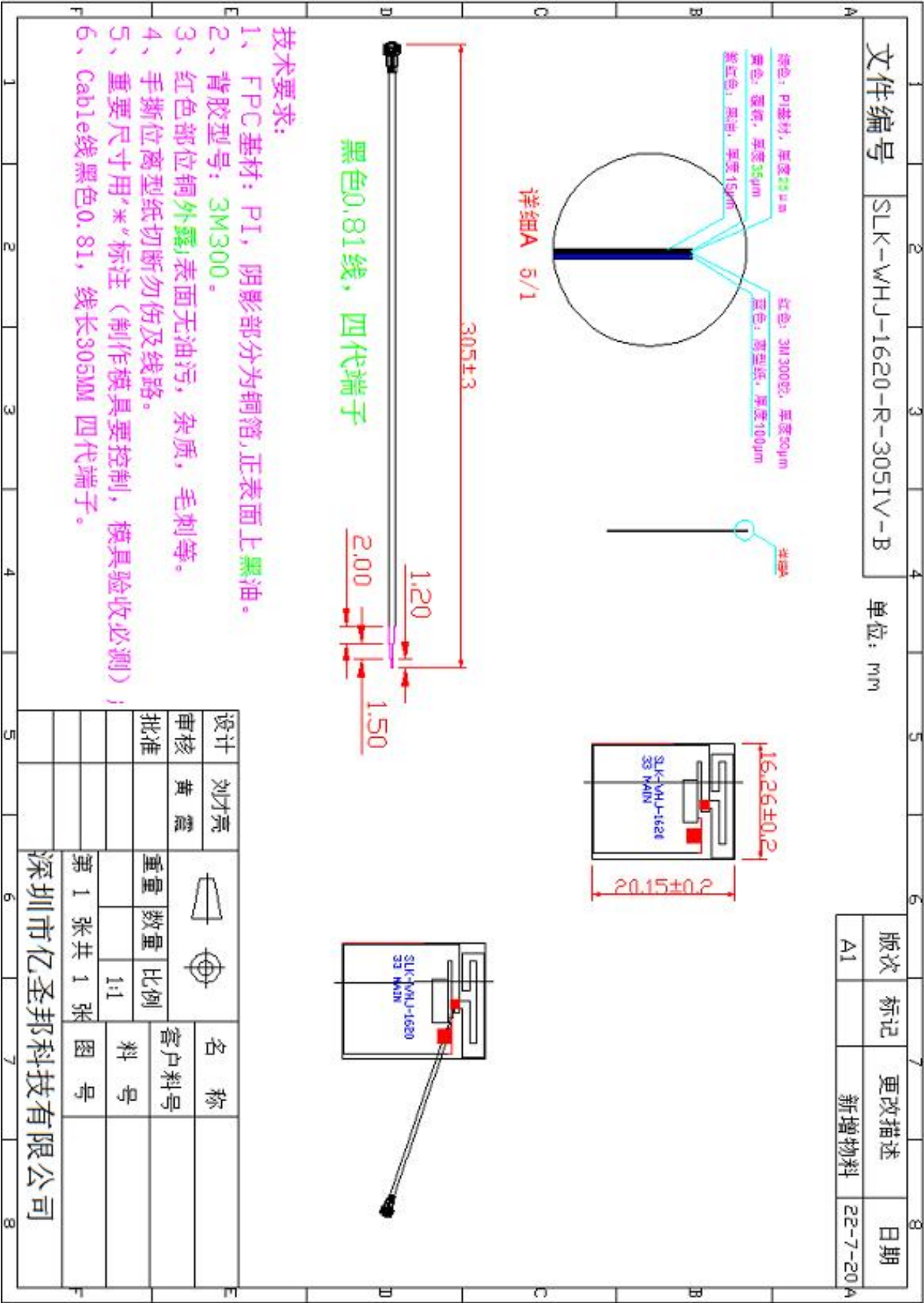


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	55.58	-2.55	3.73
2410	56.11	-2.51	3.75
2420	54.78	-2.61	3.64
2430	54.26	-2.66	3.55
2440	52.21	-2.82	3.41
2450	57.21	-2.43	3.85
2460	50.65	-2.95	3.28
2470	51.82	-2.85	3.31
2480	53.46	-2.72	3.34
2490	52.2	-2.82	3.31
2500	49.51	-3.05	3.19
5150	38.79	-4.11	2.34
5350	46.05	-3.37	2.04
5550	46.14	-3.36	2.45
5650	55.31	-2.57	4.52
5850	57.96	-2.37	3.45



6. Antenna Dimensions (unit: mm)

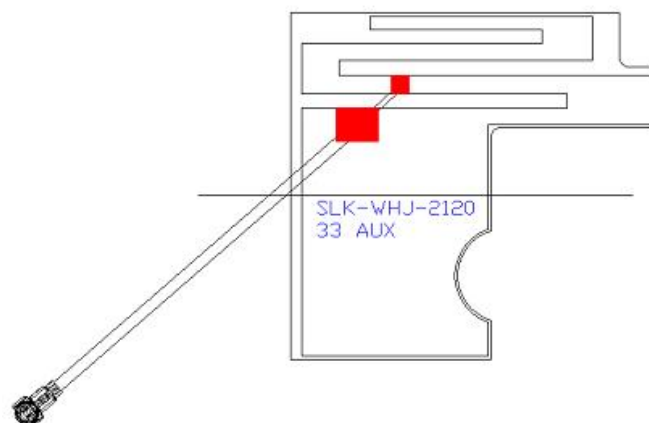


WIFI AUX Antenna (2120)

2. Explanation of Product number :

S L K - W H J - 2 1 2 0 - L - 2 5 0 I V - G

1 2 3 4 5



Product Code:

(1) Customer:

WHJ:伟合佳

(2) Project:

2120: SLK-WHJ-2120 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

250IV: 250*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 (802.11a/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.

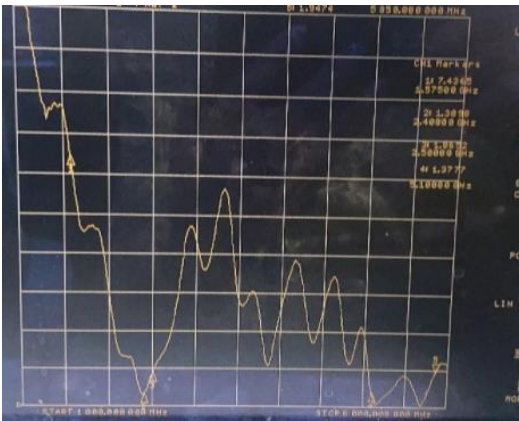
5. Electrical Specifications

5-1

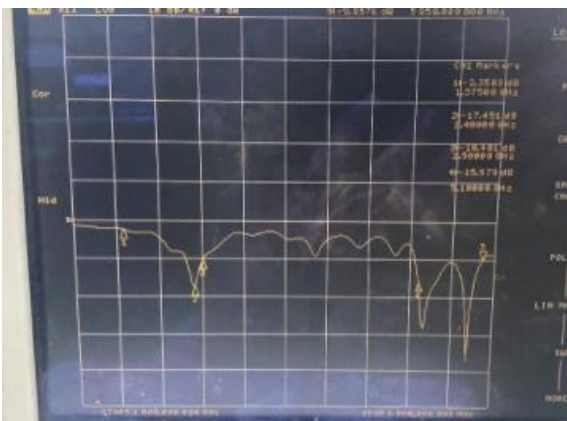
Characteristics	Specifications	Unit
Outline Dimensions	21.55x20.5x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

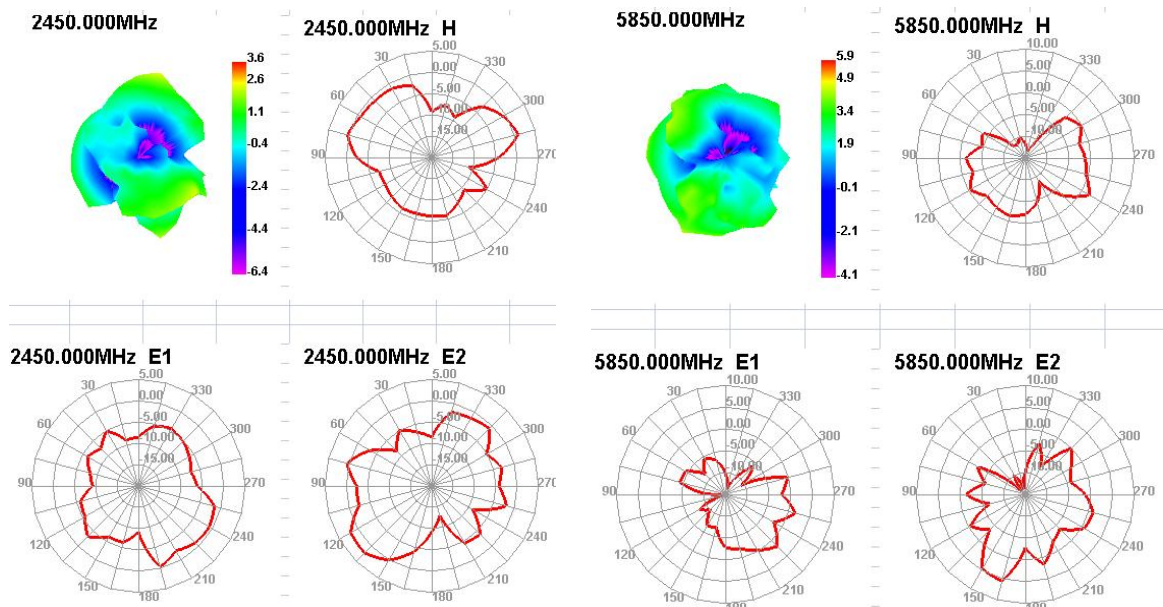


S11

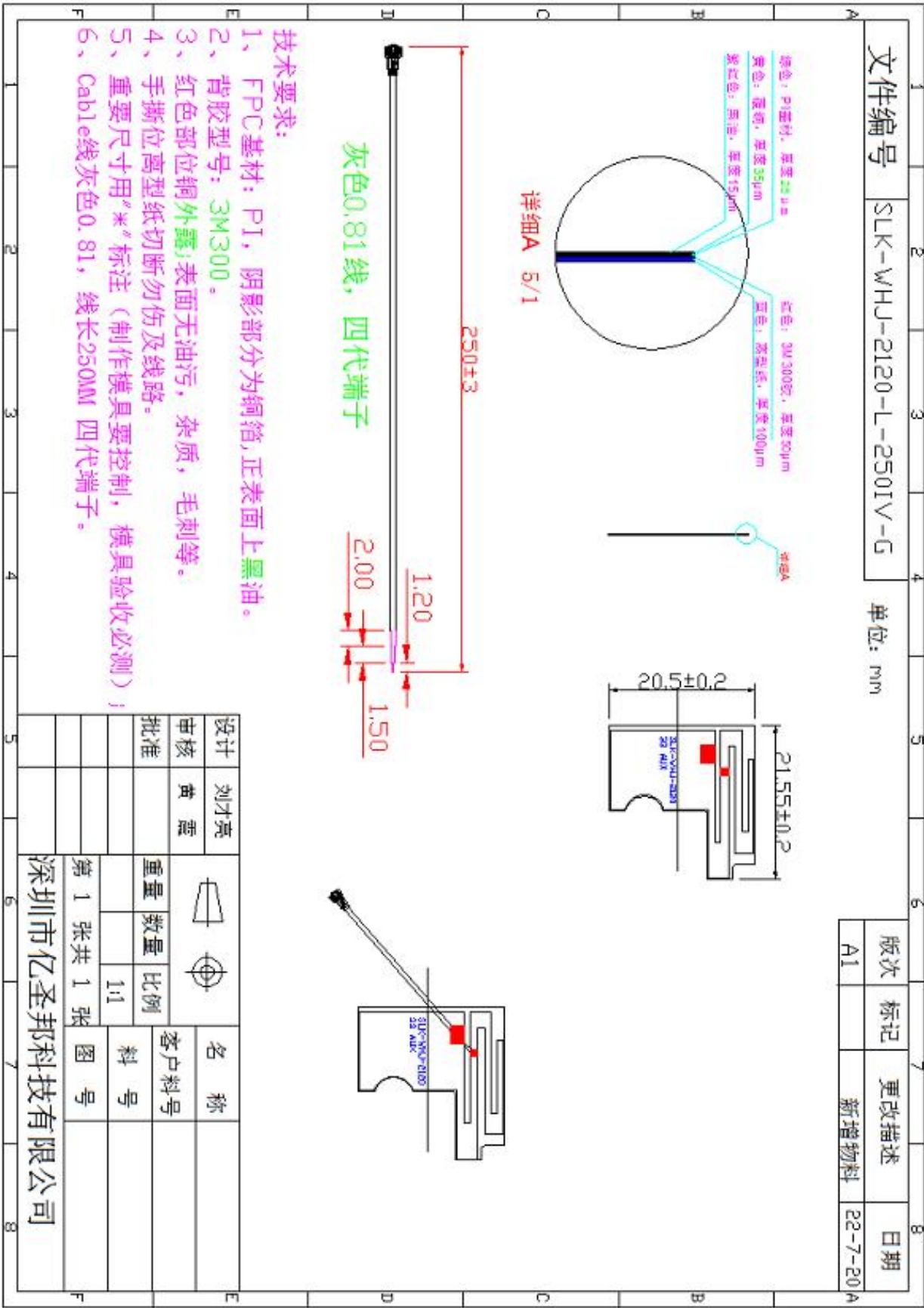


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	54.58	-2.63	3.61
2410	51.22	-2.91	3.12
2420	53.76	-2.7	3.4
2430	48.09	-3.18	2.99
2440	49.35	-3.07	3.36
2450	50.5	-2.97	3.65
2460	49.12	-3.09	3.62
2470	43.83	-3.58	3.2
2480	47.24	-3.26	3.55
2490	41.09	-3.86	3.03
2500	43.1	-3.66	3.3
5150	39.95	-3.98	4.08
5350	41.47	-3.82	3.25
5550	47.33	-3.25	2.22
5650	54.15	-2.66	5.29
5850	50.62	-2.96	5.85



7. Antenna Dimensions (unit: mm)



7. Antenna Picture



WiFi 主天线



WiFi 分集天线