

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

The name of the company: Shenzhen Weihejia Technology Co., LTD

The material code: _____

specifications: 49 单

Admitted to date: : _____

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: WIFI MAIN:SLK-WHJ-1620-R-305IV-B

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

承 认 签 章

For acceptance by the contractor						Shenzhen Weihejia Technology Co., LTD		
Rf Engineer	quality department	Structural engineer	The engineer	The reviewer	approved			
Shi Lian Chen	Shi Lian Chen	Cailiang Liu						
approved		Cailin	Signed and sealed					
date	2022-06-23		date					
instructions: ☐ accept ☐ Conditional acceptance								
note:								

Supplier Name :Shenzhen Yishengbang Technology Co. , LTD Supplier Address:
Building C 101, Shenzhen Qianwan Hard Technology Industrial Park, Bao
'an District, Shenzhen City

Tel: 18025305599

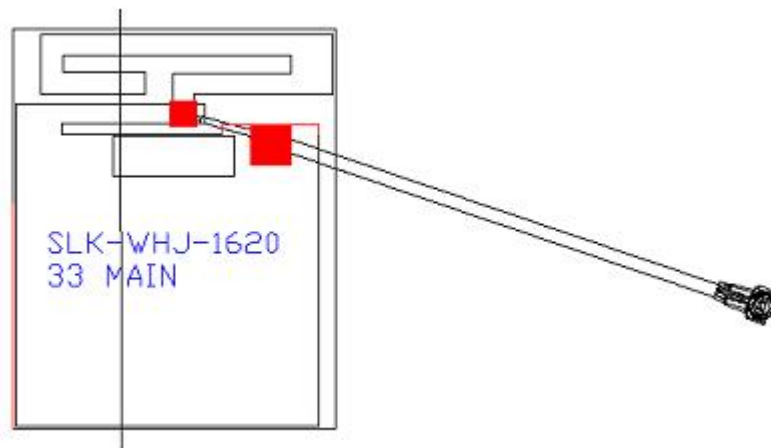
Tel: 18666299104

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.

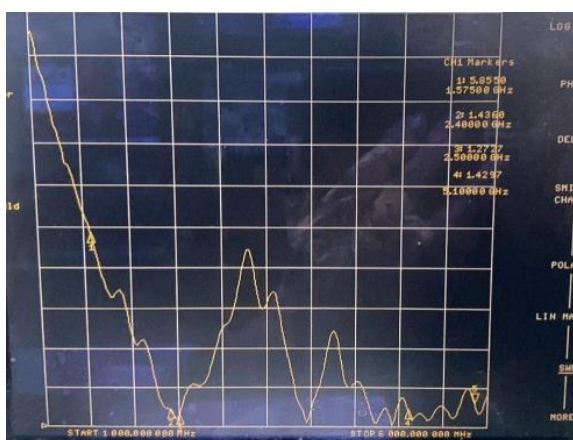
5. Electrical Specifications

5-1

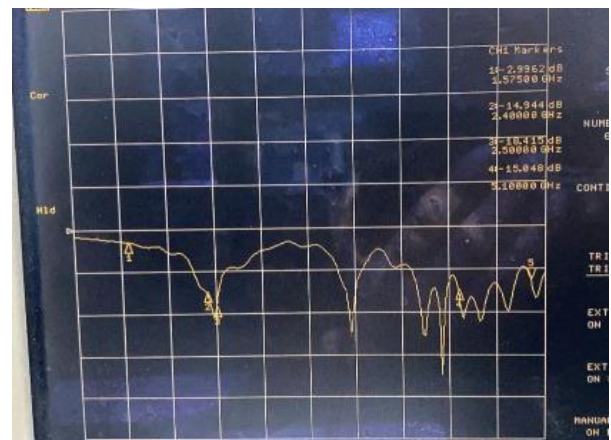
Characteristics	Specifications	Unit
Outline Dimensions	16.26x20.15x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

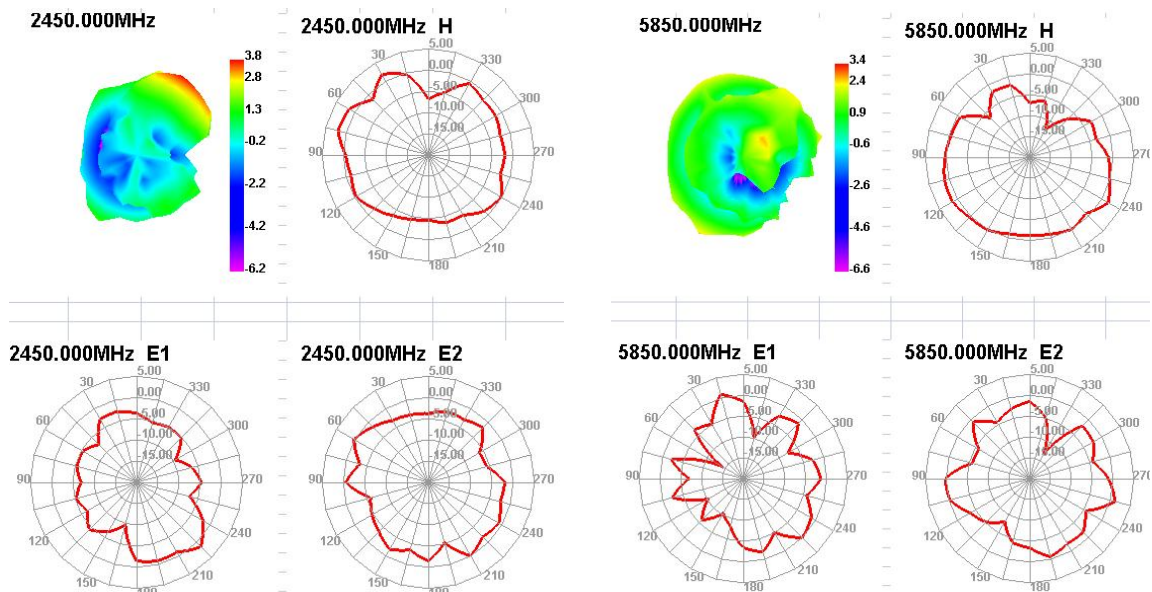


S11

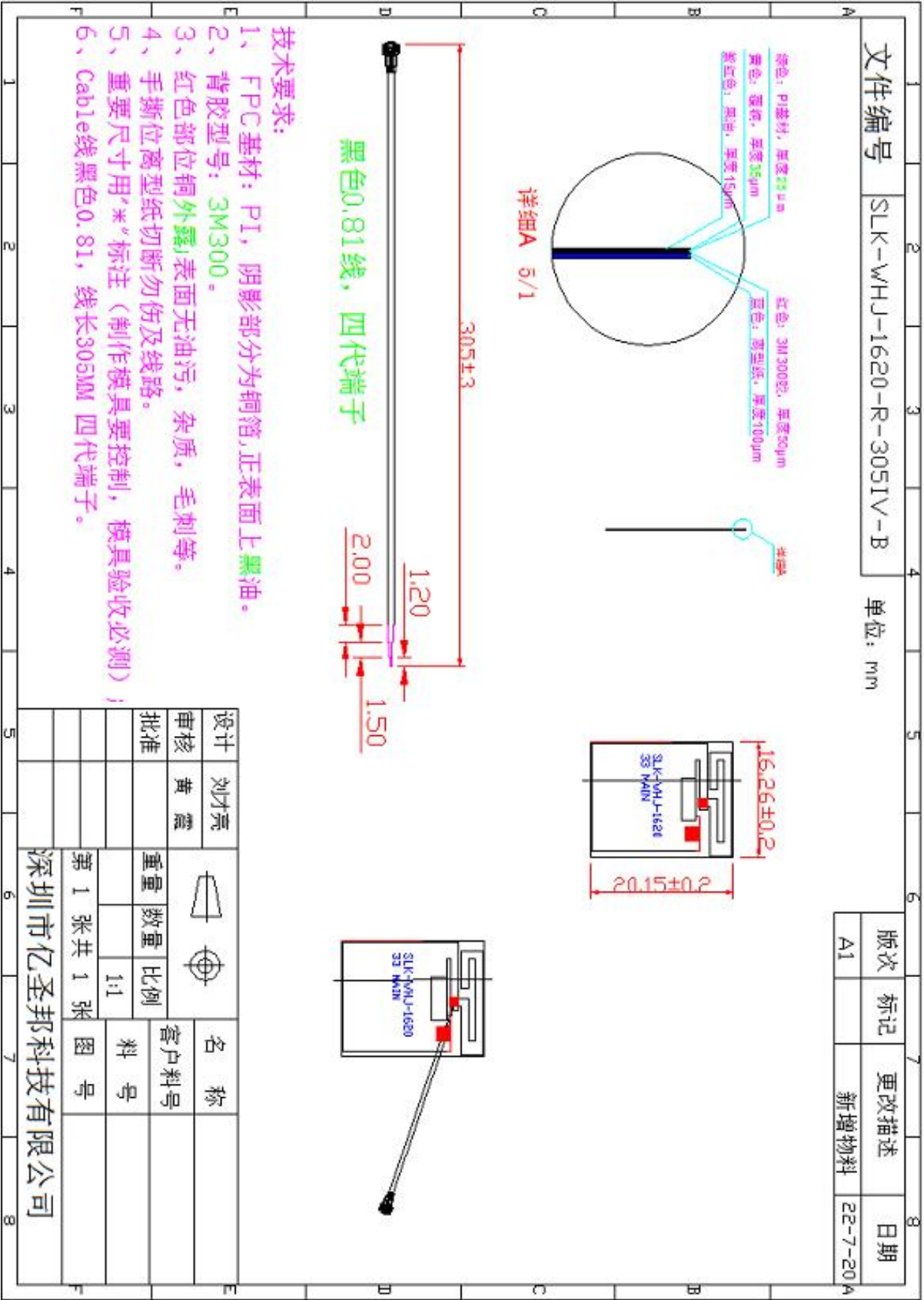


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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)

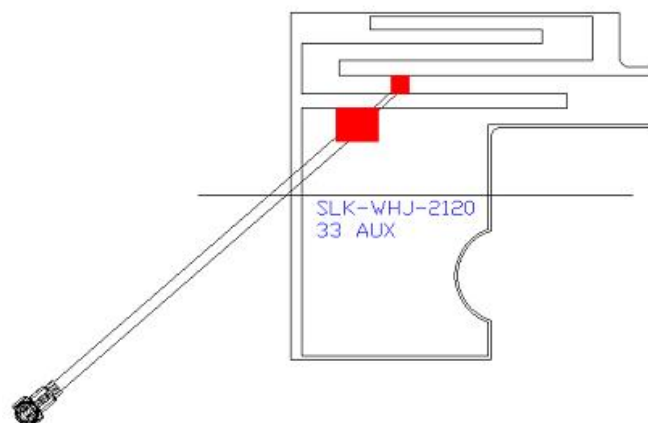


WIFI AUX Antenna (2120)

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.

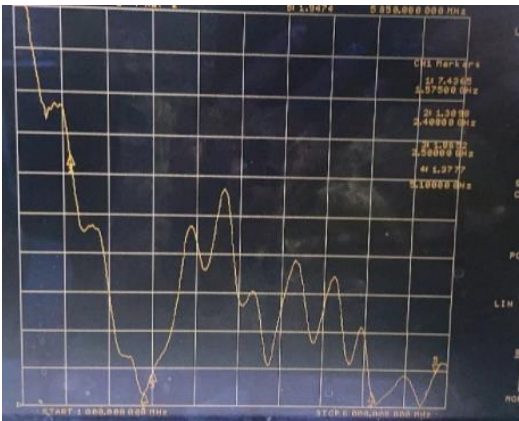
5. Electrical Specifications

5-1

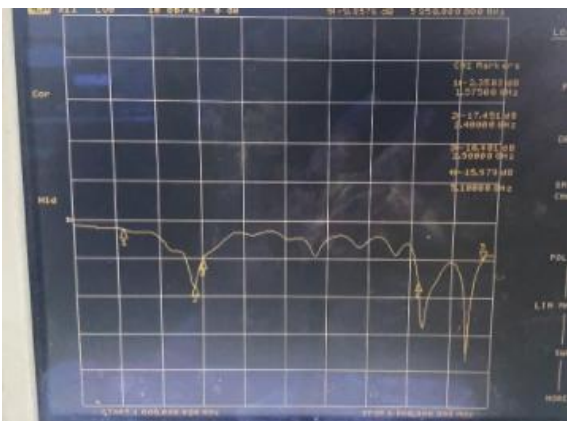
Characteristics	Specifications	Unit
Outline Dimensions	21.55x20.5x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

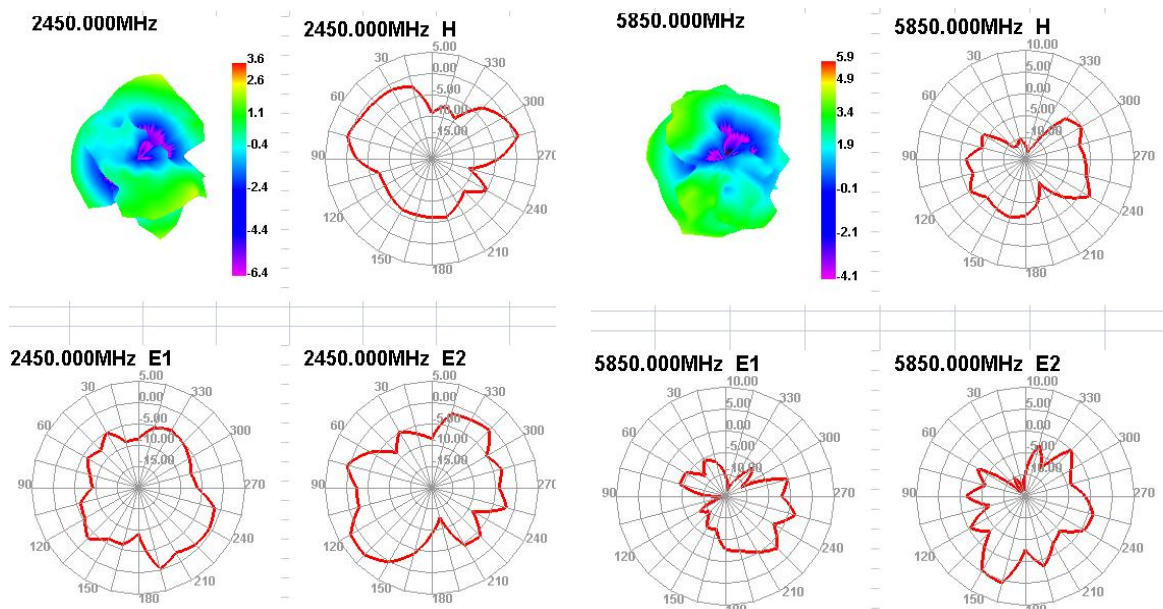


S11

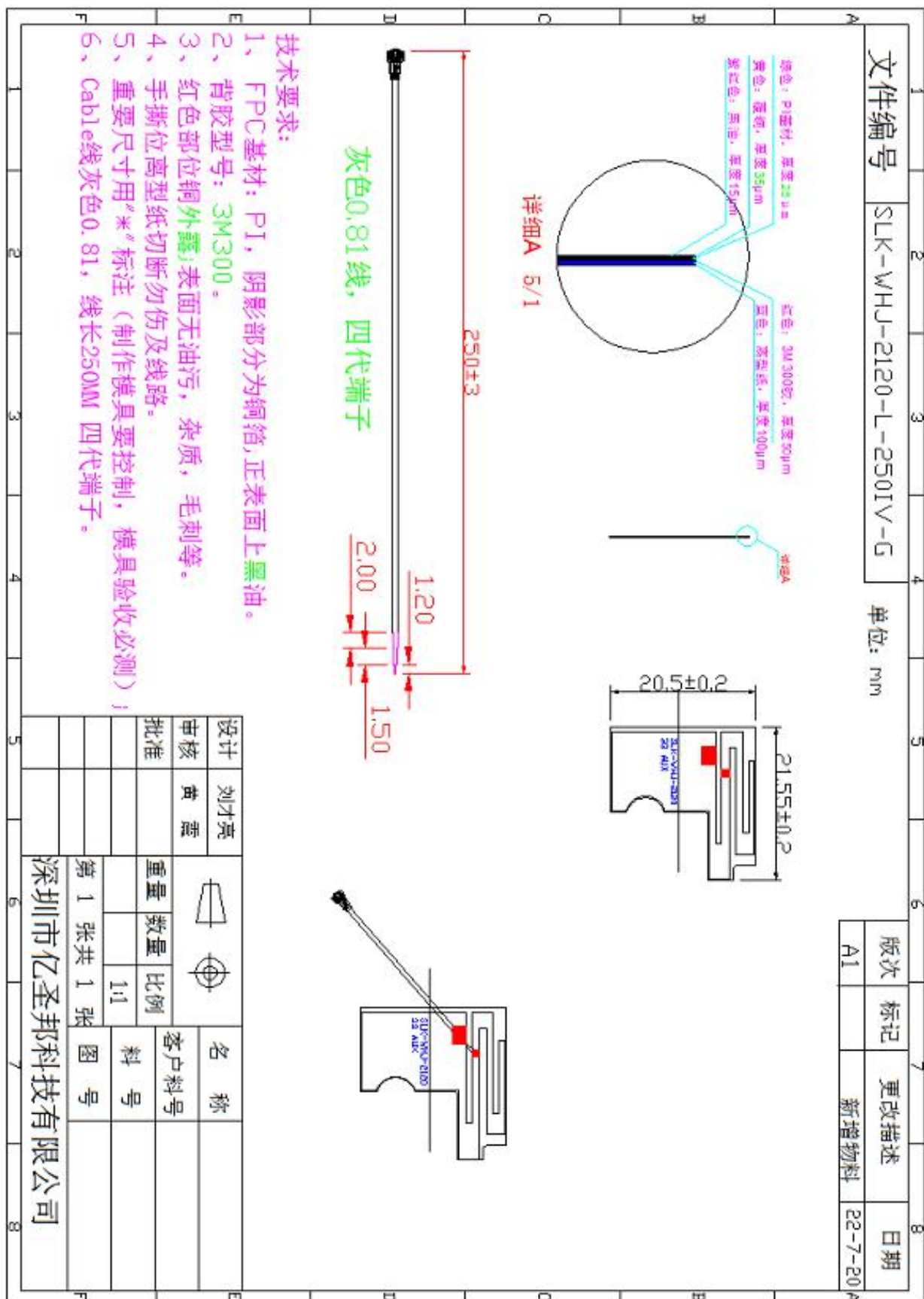


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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