

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: 55 单

Admitted to date: : _____

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

Supplier standard type number: WIFI MAIN:SLK-WHJ-2920-L-160IV-G

WIFI AUX:SLK-WHJ-2720-R-100IV-B

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 (2920)

1. Explanation of Product number :

S L K - W H J - 2 9 2 0 - L - 1 6 0 I V - G

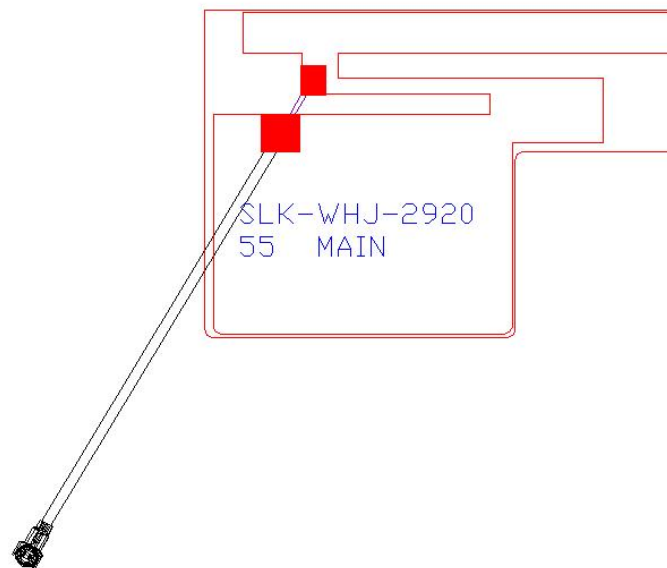
1

2

3

4

5



Product Code:

(1) Customer:

WHJ:伟合佳

(2) Project:

2920: SLK-WHJ-2920 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

160IV: 160*0.81MM 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.

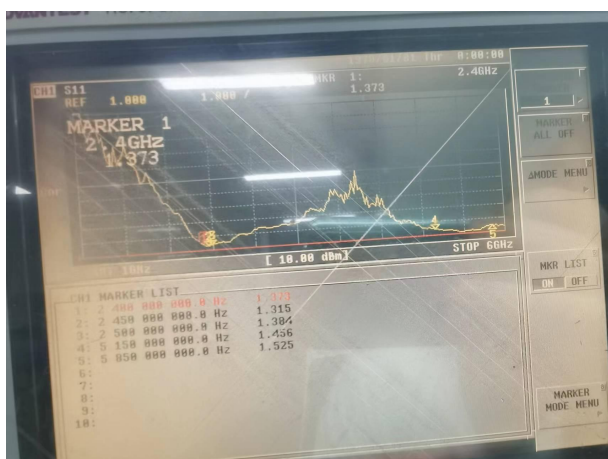
5. Electrical Specifications

5-1

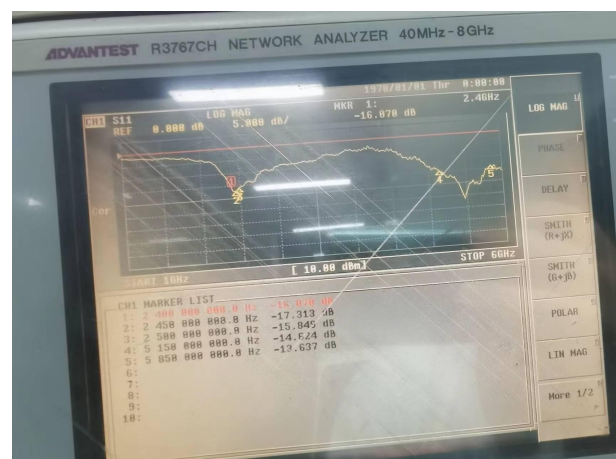
Characteristics	Specifications	Unit
Outline Dimensions	29x20.09x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

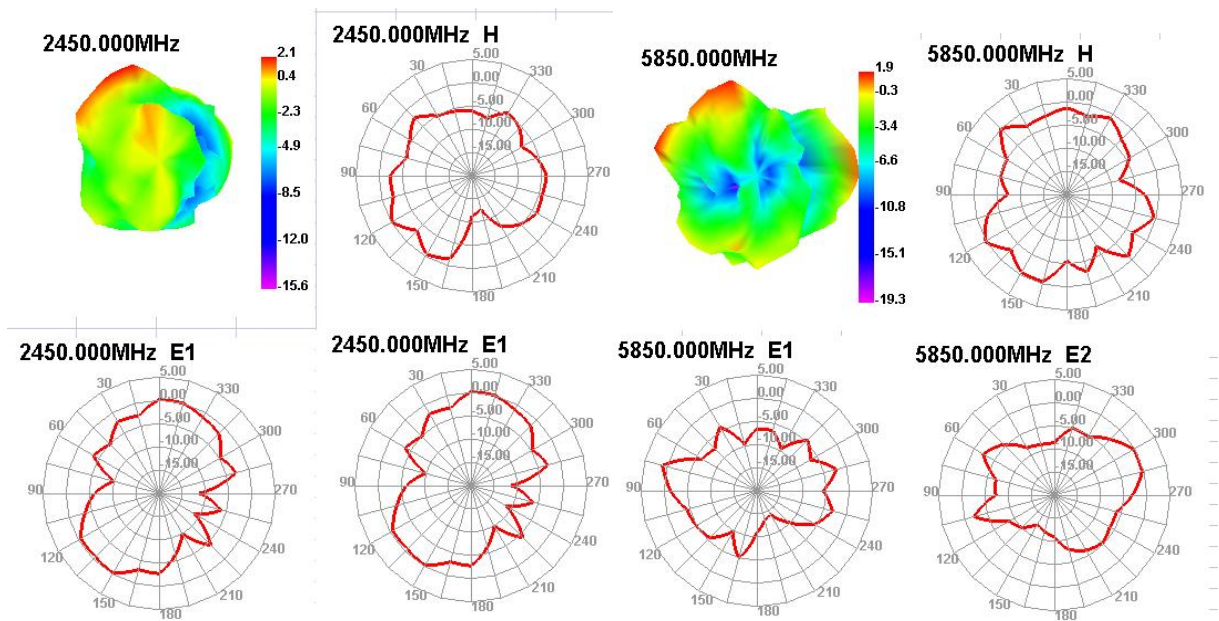


S11

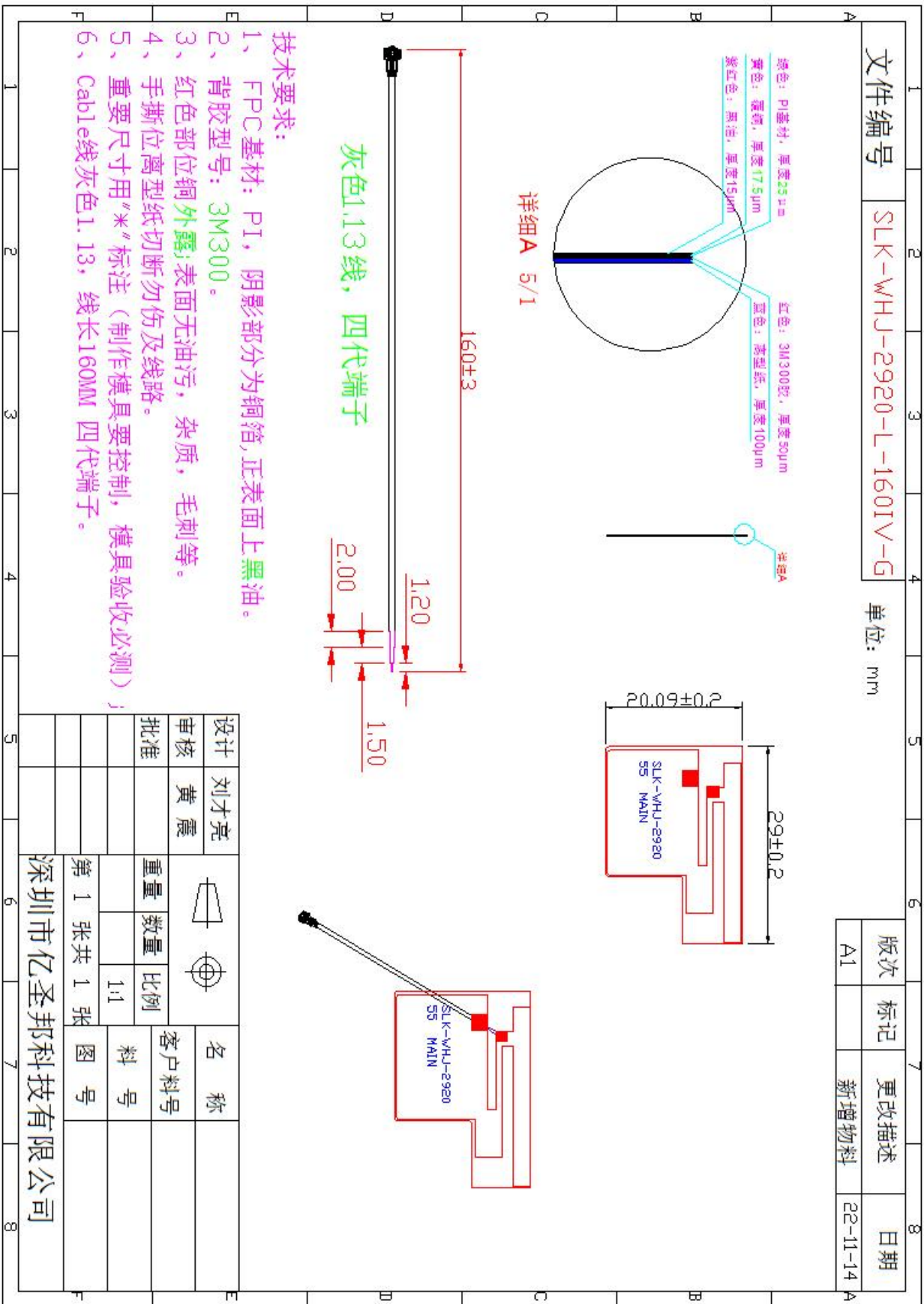


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	44.43	-3.52	1.61
2410	48.26	-3.16	2.04
2420	44.74	-3.49	1.74
2430	48.4	-3.15	2.08
2440	45.84	-3.39	1.81
2450	51.11	-2.91	2.14
2460	44.9	-3.48	1.51
2470	49.81	-3.03	2.01
2480	46.59	-3.32	1.92
2490	53.19	-2.74	2.72
2500	45.94	-3.38	2.28
5150	39.77	-4	3.13
5350	48.41	-3.15	3.79
5550	47.81	-3.2	4.37
5750	45.19	-3.45	3.85
5850	39.82	-4	1.85



6. Antenna Dimensions (unit: mm)



WIFI AUX Antenna (2720)

2. Explanation of Product number :

S L K - W H J - 2 7 2 0 - L - 1 0 0 I V - B

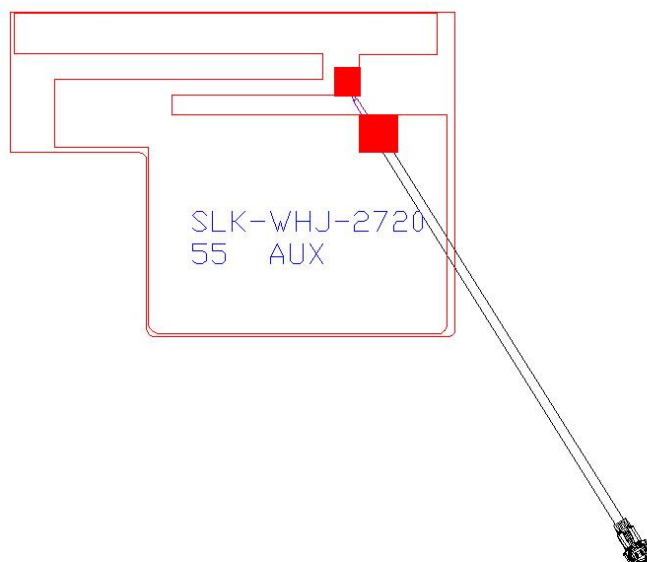
1

2

3

4

5



Product Code:

(1) Customer:

WHJ:伟合佳

(2) Project:

2720: SLK-WHJ-2720 (WIFI antenna)

(3) Welding Position

R: Right

(4) Cable Length:

100IV: 100*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

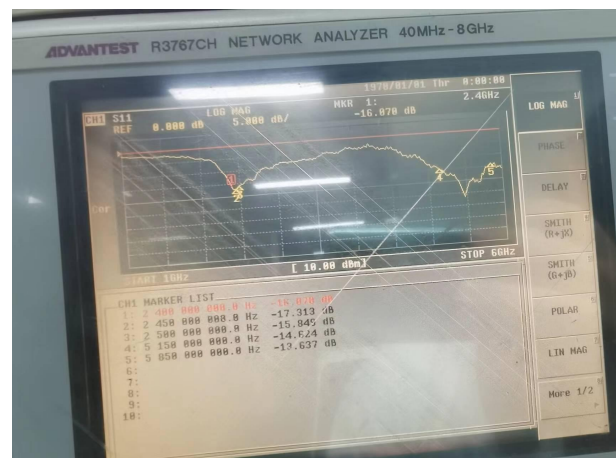
Characteristics	Specifications	Unit
Outline Dimensions	27.5x20.09x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



S11

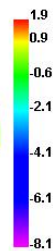
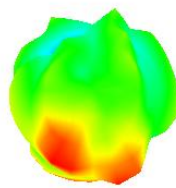


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

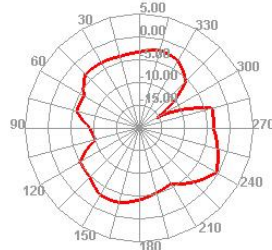
Shenzhen Yishengbang Technology Co., LTD

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	38	-4.2	1.28
2410	38.28	-4.17	1.15
2420	40.12	-3.97	1.39
2430	38.74	-4.12	1.28
2440	39.08	-4.08	1.43
2450	41.25	-3.85	1.89
2460	38.26	-4.17	1.73
2470	39.42	-4.04	2.01
2480	39.54	-4.03	2.12
2490	43.39	-3.63	2.51
2500	38.75	-4.12	1.93
5150	32.27	-4.91	1.75
5350	37.47	-4.26	2.57
5550	36.53	-4.37	2.61
5750	36.4	-4.39	3
5850	37.24	-4.29	2.38

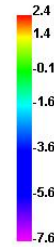
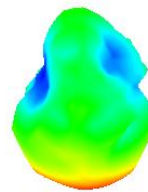
2450.000MHz



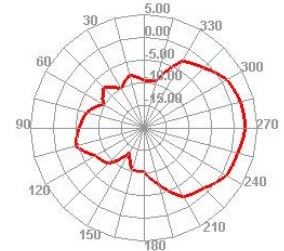
2450.000MHz H



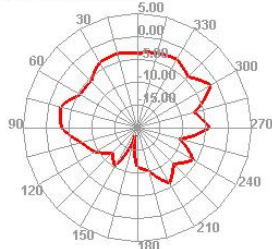
5850.000MHz



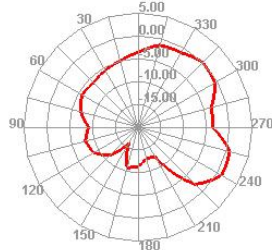
5850.000MHz H



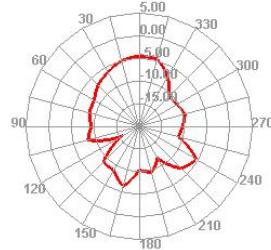
2450.000MHz E1



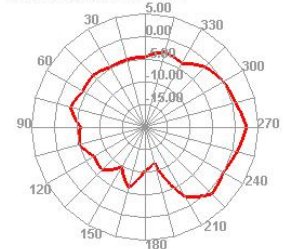
2450.000MHz E2



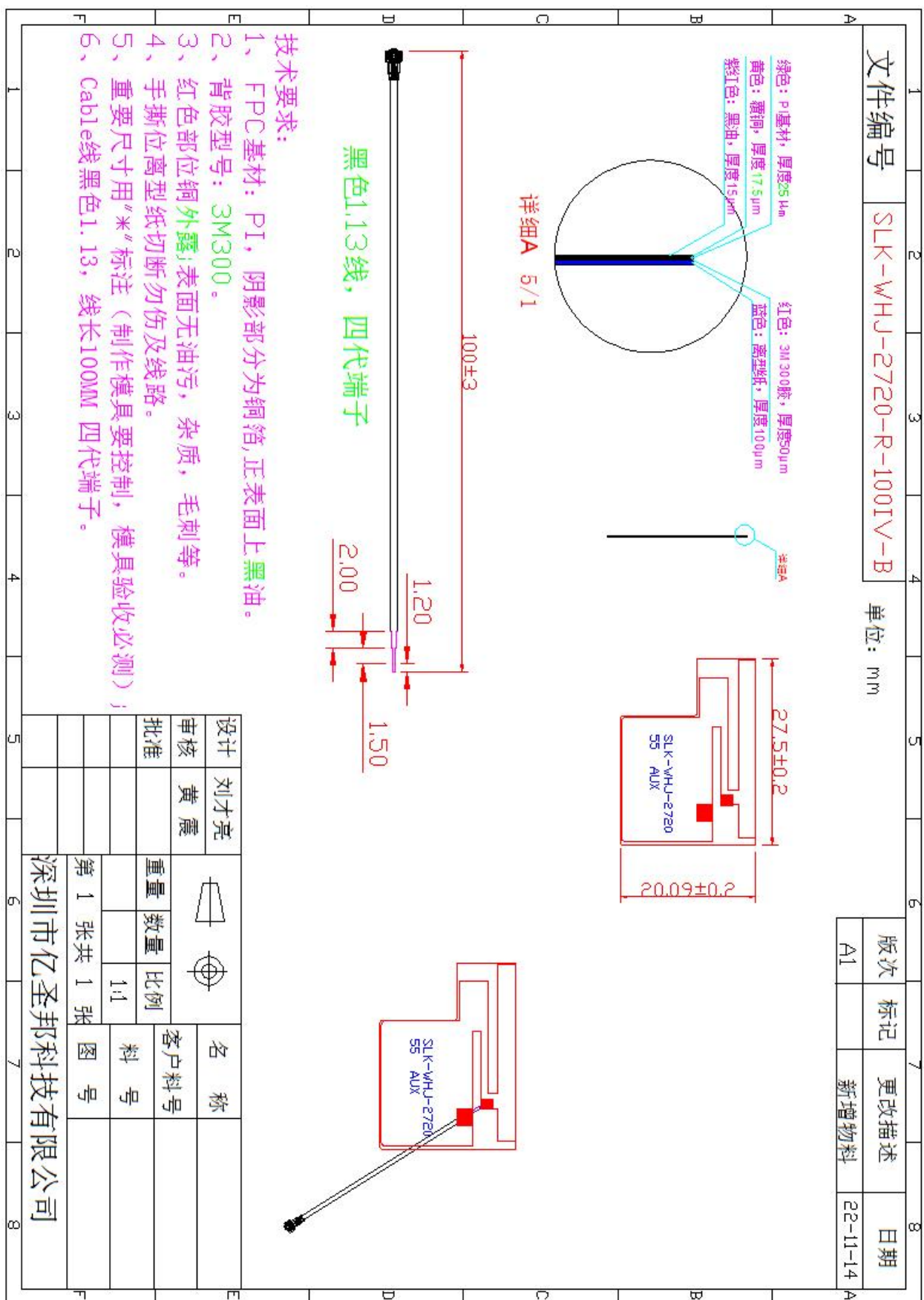
5850.000MHz E1



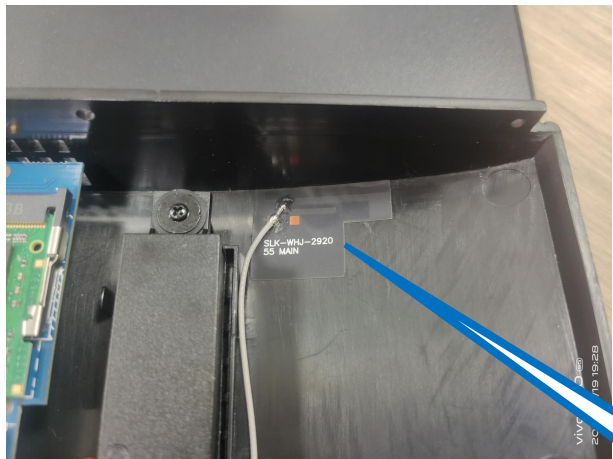
5850.000MHz E2



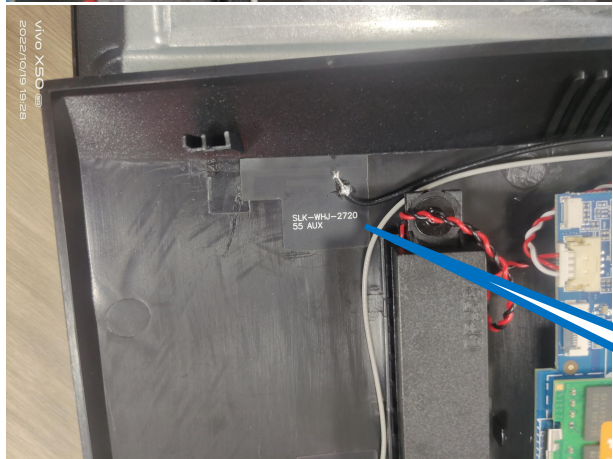
6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WiFi 主天线



WiFi 分集天线