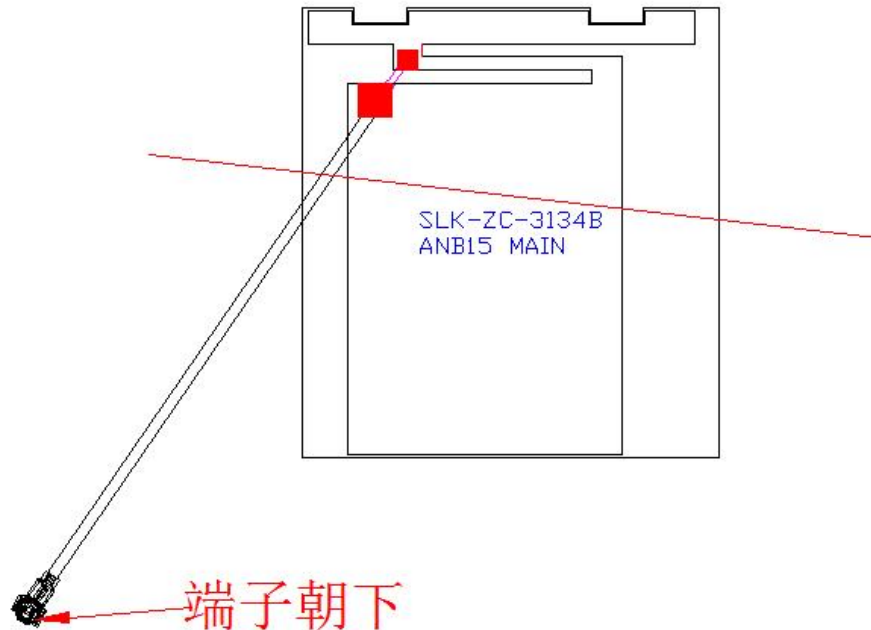


WIFI MAIN Antenna (3134B)

1. Explanation of Product number :

S L K - Z C - 3 1 3 4 B - L - 1 6 5 I V - B

1 2 3 4 5



Manufacturer: Shenzhen Yishengbang Technology Co., Ltd

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

Product Code:

(1) Customer:

ZC:卓创

(2) Project:

3134B: SLK-ZC-3134B (WIFIMAIN antenna)

(3) Welding Position

L: Left

(4) Cable Length:

165: 165IV*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 (802.11a/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

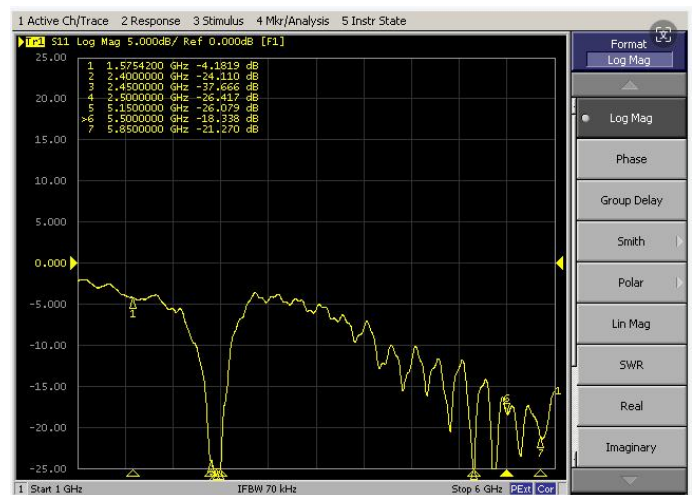
Characteristics	Specifications	Unit
Outline Dimensions	34.16x31.55x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



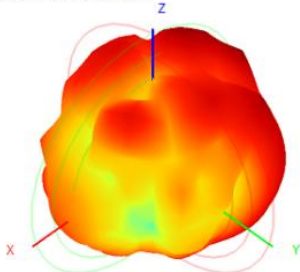
S11



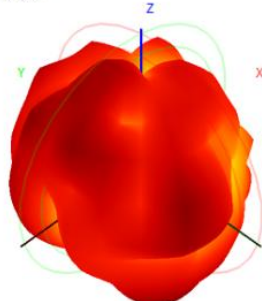
5-3. 5GWIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.83	2.22	52.07
2410	-2.83	2.29	52.06
2420	-2.45	2.84	56.87
2430	-2.54	2.76	55.77
2440	-2.48	3.05	56.54
2450	-2.68	2.89	53.96
2460	-2.47	3.39	56.60
2470	-2.93	3.06	50.96
2480	-3.13	3.11	48.69
2490	-3.05	3.44	49.55
2500	-3.26	3.01	47.20
5150	-3.14	2.50	48.52
5250	-3.65	3.72	43.20
5350	-3.22	3.45	47.67
5450	-2.36	2.83	58.10
5550	-2.73	2.46	53.38
5650	-2.72	2.79	53.44
5750	-2.71	2.99	53.53
5850	-2.16	2.56	60.78

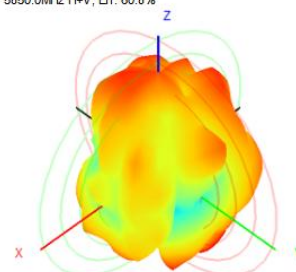
2450.0MHz H+V, Eff: 54.0%



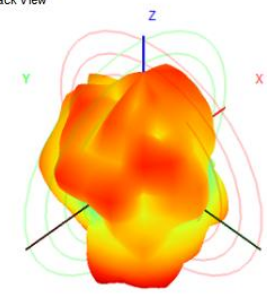
Back View



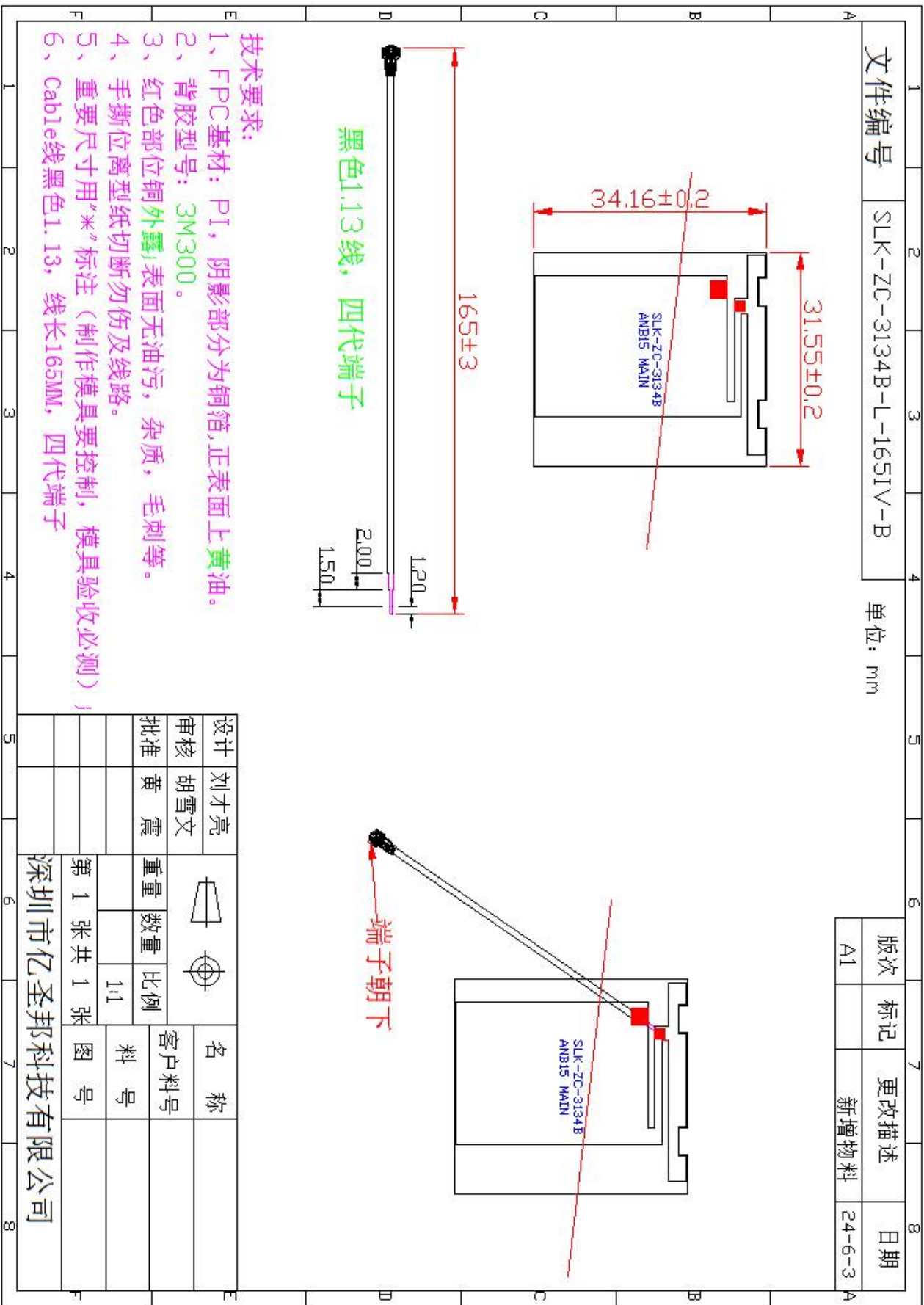
5850.0MHz H+V, Eff: 60.8%



Back View



6. Antenna Dimensions (unit: mm)



设计	刘才亮	图例		名称	
审核	胡雪文	重量		客户料号	
批准	黄震	数量		料号	
		比例		图号	
		1:1			
		第 1 张 共 1 张			
		深圳市亿圣邦科技有限公司			

WIFI AUX Antenna (3415B)

1. Explanation of Product number :

S L K - Z C - 3 1 3 4 A - R - 8 5 I V - G

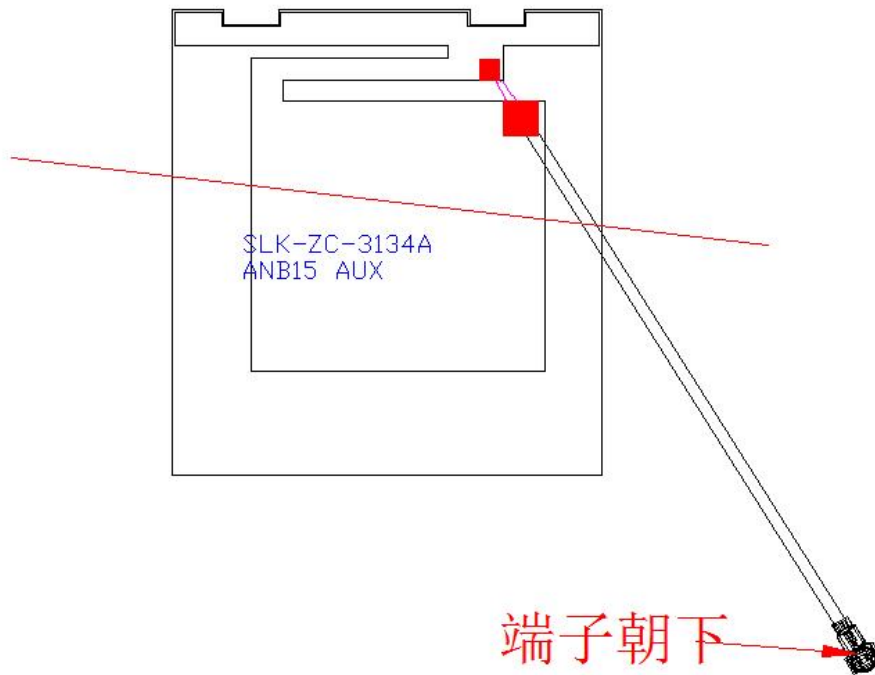
1

2

3

4

5



Product Code:

(1) Customer:

ZC:卓创

(2) Project:

3134A: SLK-ZC-3134A (WIFIAUX antenna)

(3) Welding Position

L: Left

(4) Cable Length:

85: 85IV*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 (ac/a/b/g/n)
- * Hand-held devices when WIFI (802.11ac/a/b/g/n) functions are needed

4. Description

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

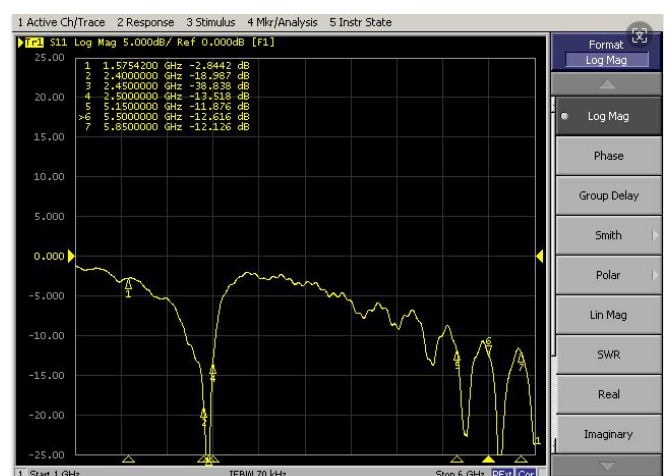
Characteristics	Specifications	Unit
Outline Dimensions	34.16x31.55x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



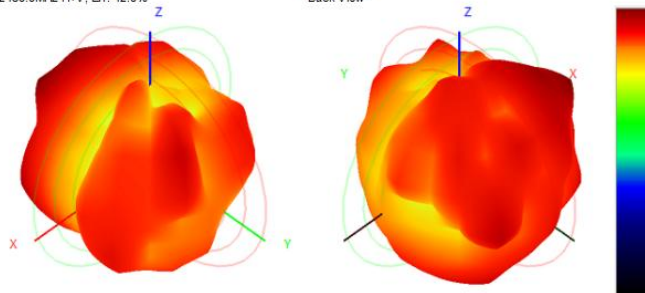
S11



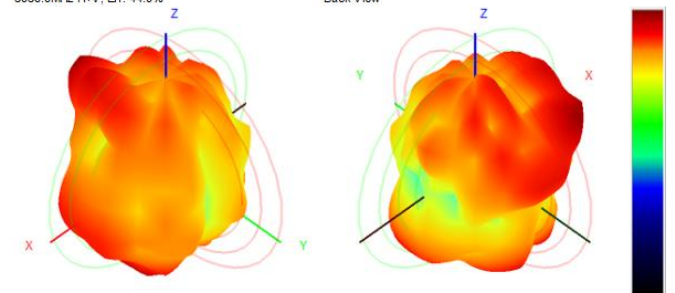
5-3. 2.4G WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.99	1.90	39.91
2410	-3.89	2.38	40.86
2420	-3.64	2.80	43.25
2430	-3.65	2.61	43.19
2440	-3.74	2.54	42.31
2450	-3.77	2.57	41.99
2460	-3.45	2.67	45.18
2470	-3.86	2.45	41.14
2480	-3.87	2.36	40.98
2490	-3.88	2.21	40.94
2500	-3.89	2.19	40.82
5150	-4.53	2.72	35.25
5250	-4.61	2.27	34.56
5350	-4.12	3.33	38.70
5450	-3.71	2.94	42.56
5550	-3.86	2.98	41.12
5650	-3.60	2.17	43.61
5750	-3.76	3.00	42.05
5850	-3.48	2.75	44.83

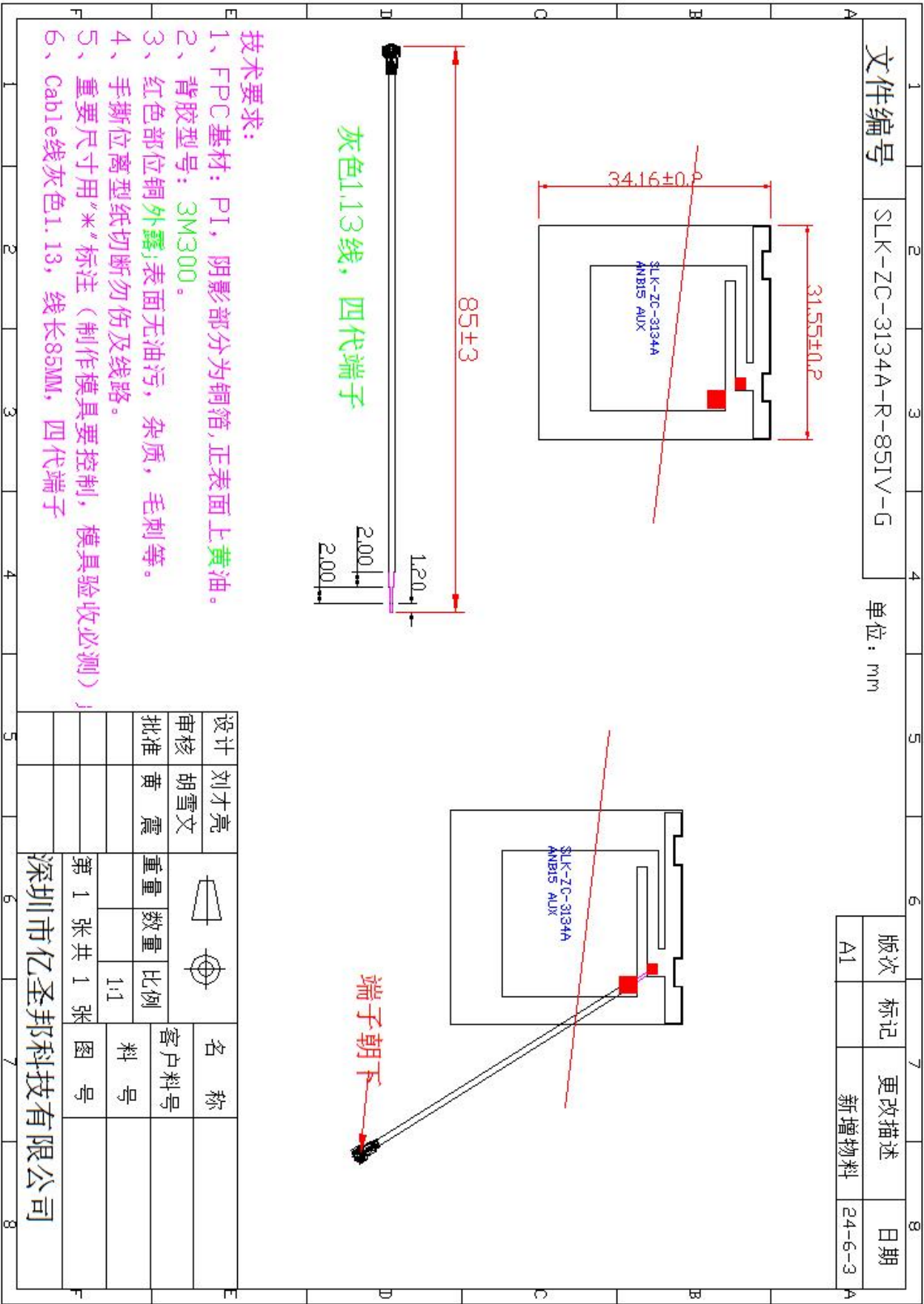
2450.0MHz H+V, Eff: 42.0%



5850.0MHz H+V, Eff: 44.8%



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

