

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) : 深圳市茂现电子有限公司

物 料 代 码 (客户填写) : _____

规 格 型 号 (客户填写) : TWB01-TY

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) : WIFI1:SLK-MX-3310NV1-L-130IV-B-0.81

WIFI2:SLK-MX-3310N2V1-R-90IV-G-0.81

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳市茂现电子有限公司		
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	2026-05-29		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

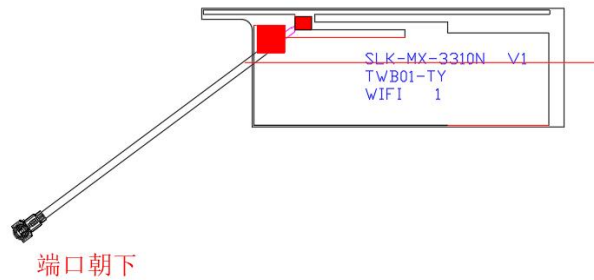
Shenzhen Weihejia Electronic Technology Co.,LTD
Unit 101, Building C, Shenzhen Qianwan Hard-Tech Industrial Park, Bao'an District, Shenzhen
电 话: 18025905599 电 话: 18666299104

WIFI 1 Antenna (3310NV1)

1. Explanation of Product number :

S L K - M X - 3 3 1 0 N V 1 - L - 1 3 0 I V - B - 0 . 8 1

1 2 3 4 5



Product Code:

(1) Customer:

MX:茂现

(2) Project:

3310NV1: SLK-3310NV1 (WIFI1 antenna)

(3) Welding Position

L:Left

(4) Cable Length:

130IV: 130*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 (802.11 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.

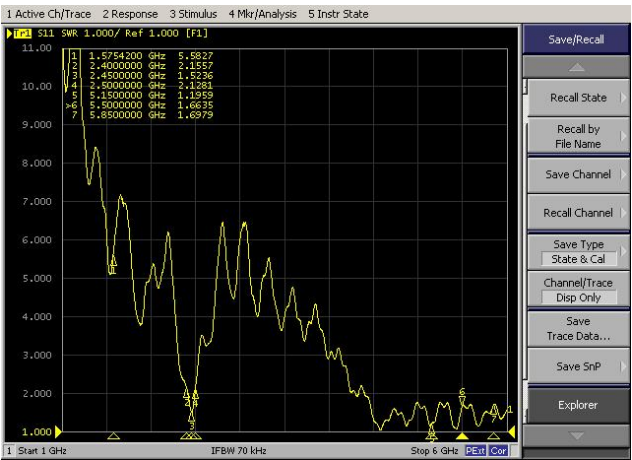
5. Electrical Specifications

5-1

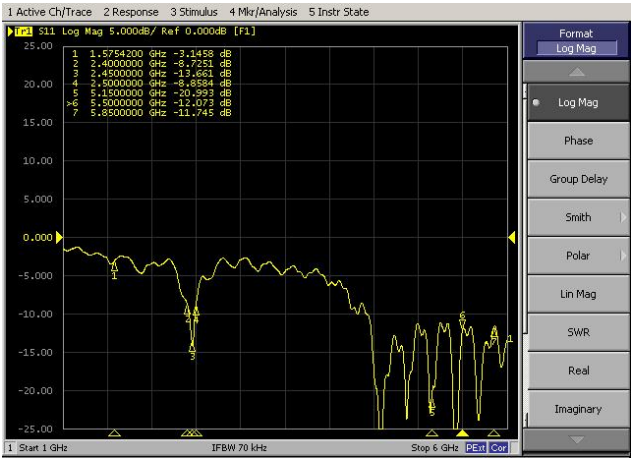
Characteristics	Specifications	Unit
Outline Dimensions	33x10.78x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	190min	MHz
VSWR	3max	

5-2.

VSWR

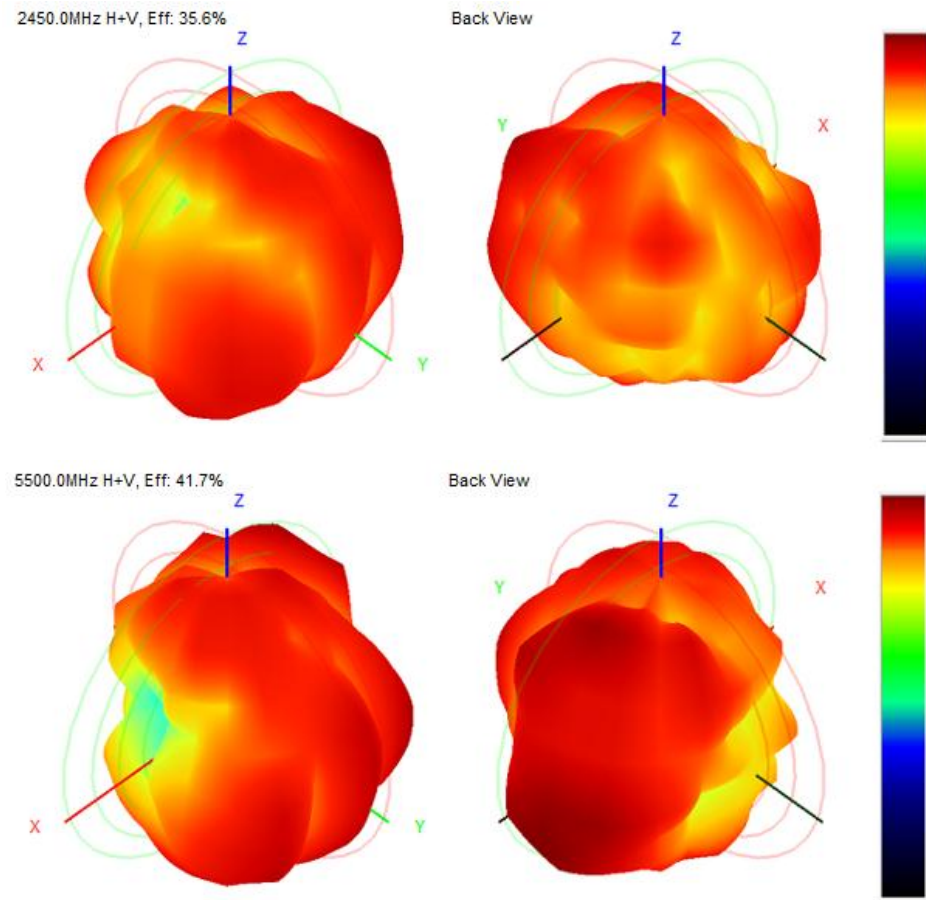


S11

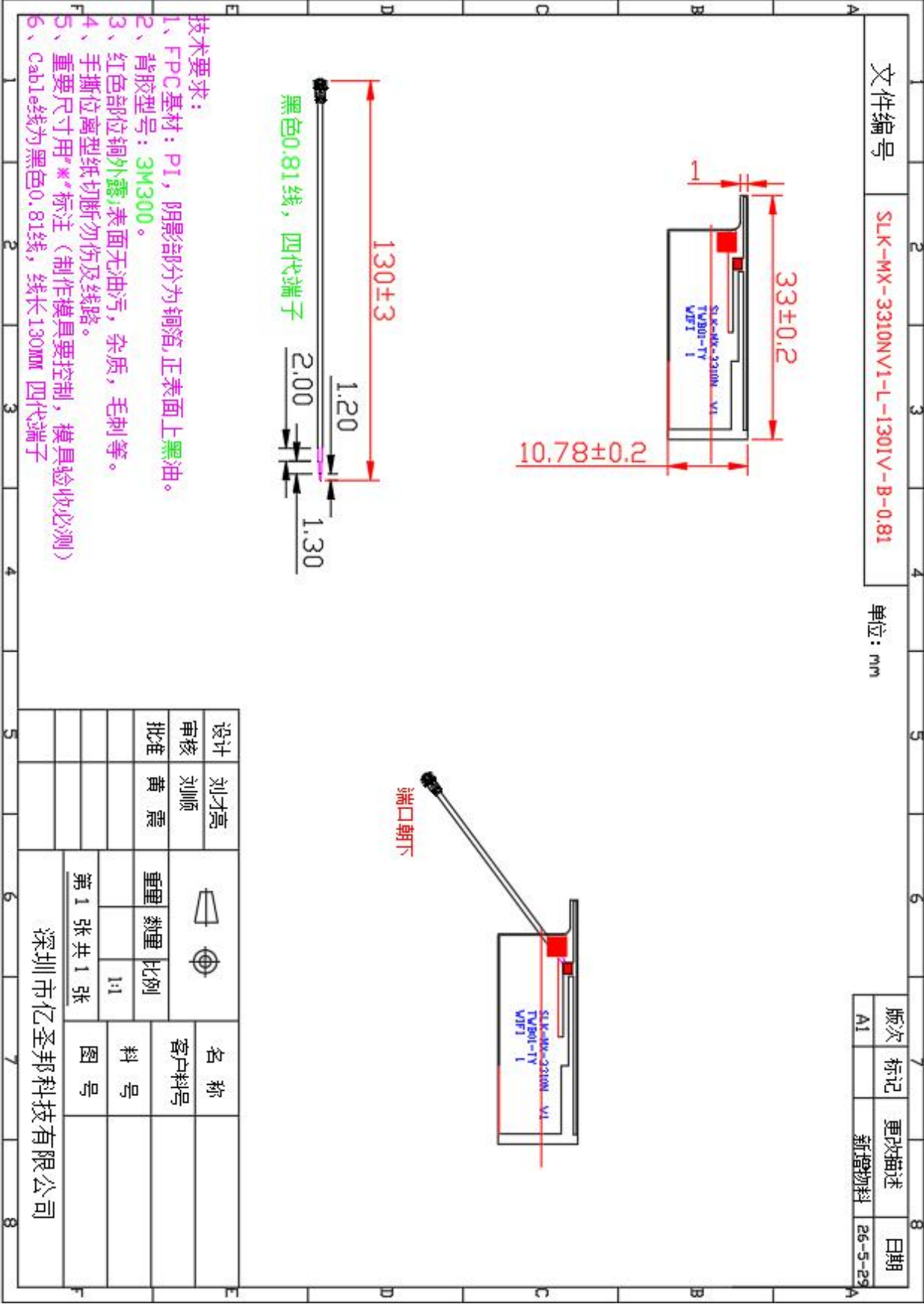


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.32	1.02	36.91
2410	-4.41	1.23	36.22
2420	-4.51	1.42	35.32
2430	-4.33	1.64	36.85
2440	-4.44	1.39	35.93
2450	-4.49	1.48	35.55
2460	-4.56	1.57	34.93
2470	-4.26	1.20	37.46
2480	-4.37	1.41	36.49
2490	-4.62	1.72	34.46
2500	-4.46	1.75	35.79
5150	-4.18	2.67	38.19
5350	-3.87	2.37	40.95
5550	-3.83	2.29	41.39
5750	-4.05	2.07	39.33
5850	-3.88	2.74	40.89



6. Antenna Dimensions (unit: mm)

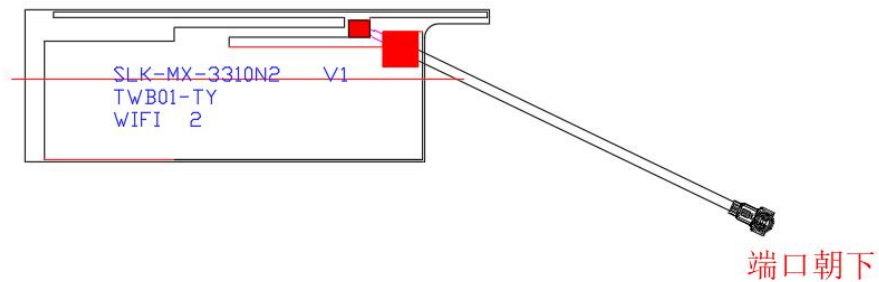


WIFI2 Antenna (3310N2V1)

1.Explanation of Product number :

S L K - M X - 3 3 1 0 N 2 V 1 - R - 9 0 I V - G - 0 . 8 1

1 2 3 4 5



Product Code:

(1) Customer:

MX: 茂现

(2) Project:

3310N2V1: SLK-3310N2V1(WIFI2 antenna)

(3) Welding Position

R:Right

(4) Cable Length:

90IV:90*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 (802.11 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.

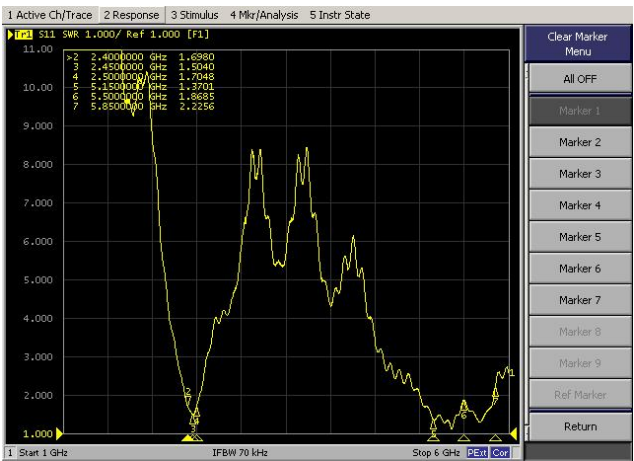
5. Electrical Specifications

5-1

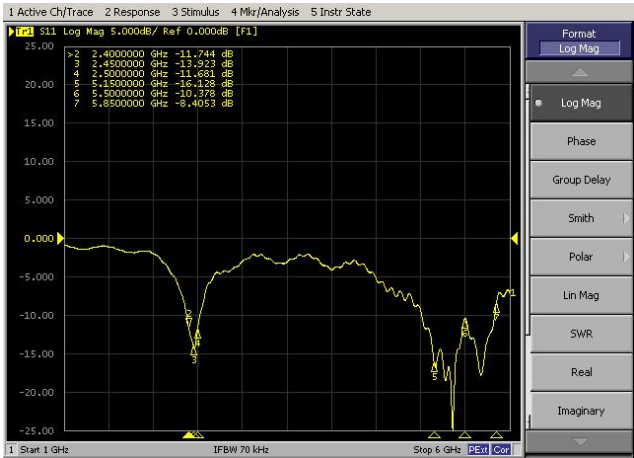
Characteristics	Specifications	Unit
Outline Dimensions	33x10.78x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	190min	MHz
VSWR	3max	

5-2.

VSWR

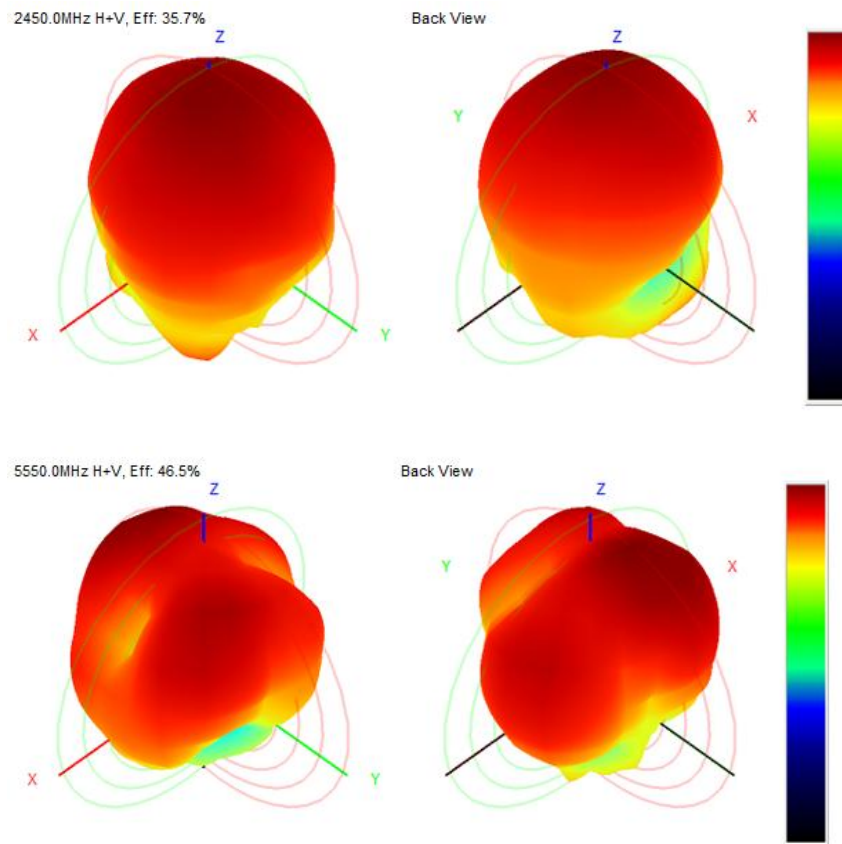


S11

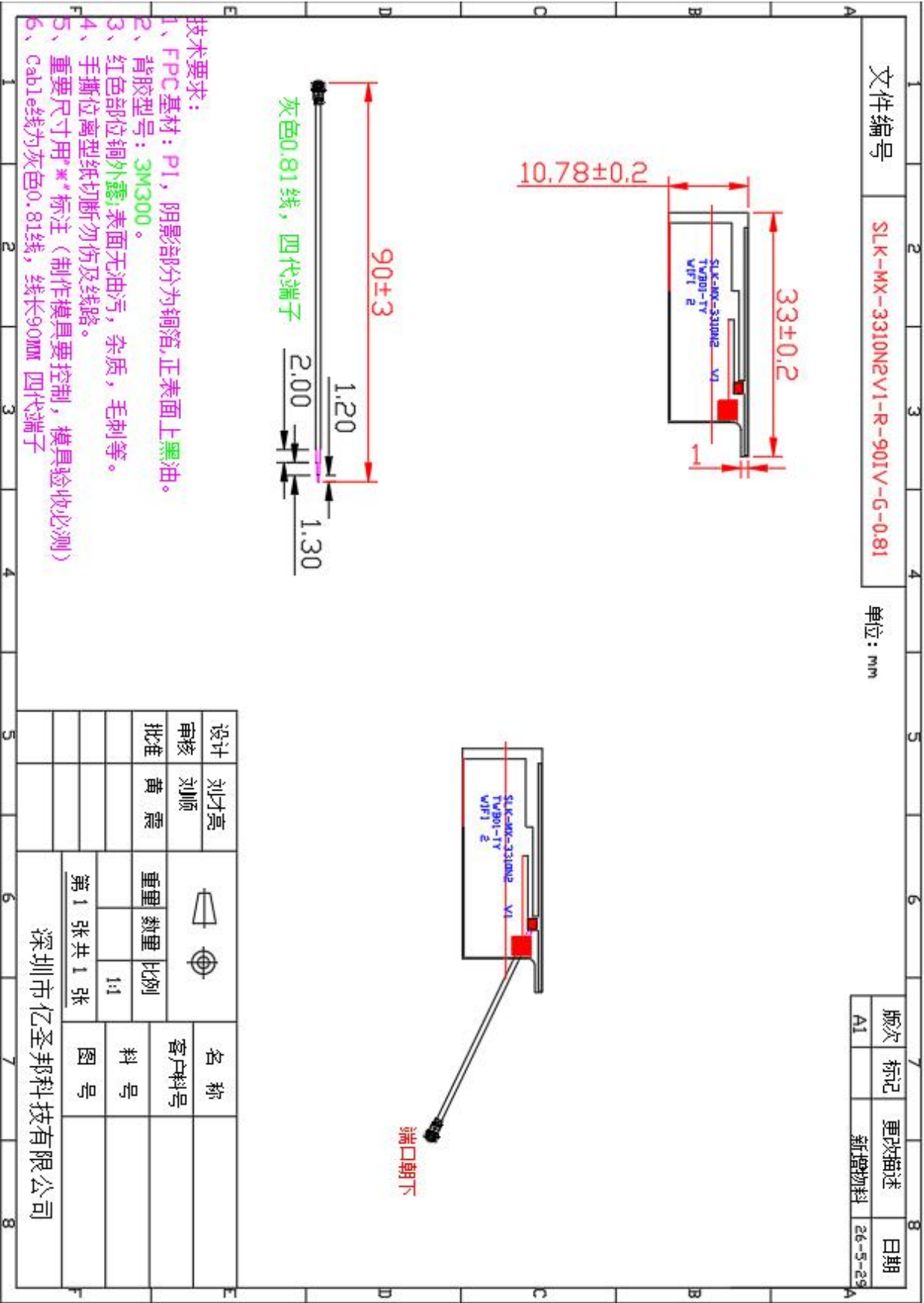


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.63	2.41	34.41
2410.0	-4.45	2.78	35.89
2420.0	-4.61	2.98	34.52
2430.0	-4.59	2.89	34.74
2440.0	-4.56	3.89	34.96
2450.0	-4.47	2.15	35.71
2460.0	-4.68	2.43	33.99
2470.0	-4.92	2.36	32.15
2480.0	-4.89	2.33	32.39
2490.0	-4.70	2.40	33.84
2500.0	-4.50	2.62	35.45
5150.0	-3.44	3.97	45.23
5350.0	-3.34	3.35	46.33
5550.0	-3.32	3.53	46.52
5750.0	-3.44	3.12	45.22
5850.0	-3.62	3.74	43.37



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

