

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): 东莞市艾普达科技有限公司
物料代码 (客户填写):
规格型号 (客户填写): N1569P0WB
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
供应商名称 (SLK 填写): WIF I MAIN: SLK-APD-2516BV1-R-450 IV-B
WIF I AUX: SLK-APD-2616AV1-R-300 IV-G

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			东莞市艾普达科技有限公司		
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	2024-11-22		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

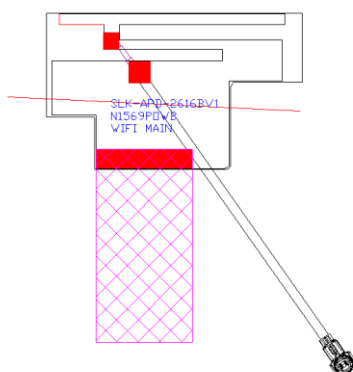
供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电 话: 18070305599 电 话: 186610099104

WIFI MAIN Antenna (2516BV1)

1. Explanation of Product number :

S L K - A P D - 2 5 1 6 B V 1 - R - 4 5 0 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

2516BV1: SLK-APD-2516BV1 (WIFI MAIN antenna)

(3) Welding Position

R:Right

(4) Cable Length:

450IV: 450*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.

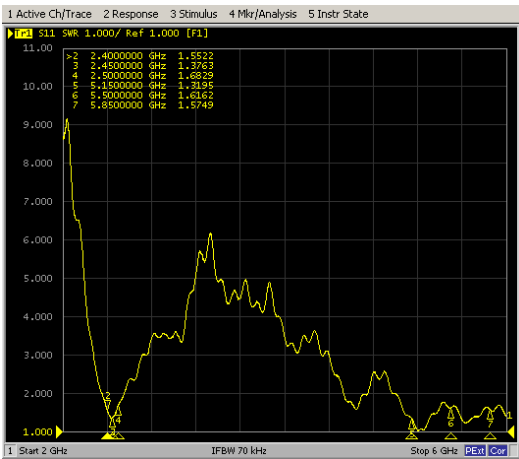
5. Electrical Specifications

5-1

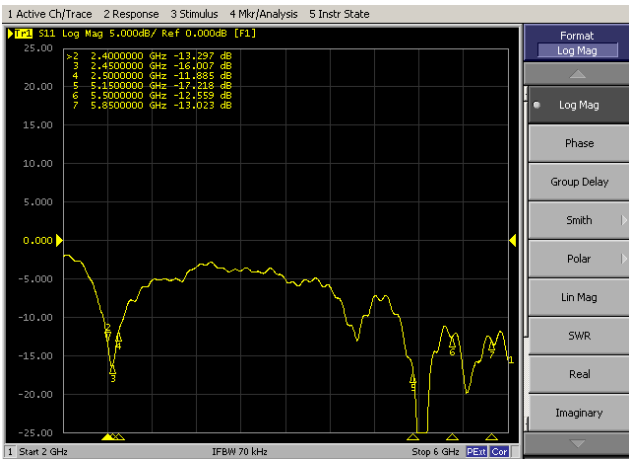
Characteristics	Specifications	Unit
Outline Dimensions	26.49x16.19x 0.6	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	50min	MHz
VSWR	4max	

5-2.

VSWR



S11

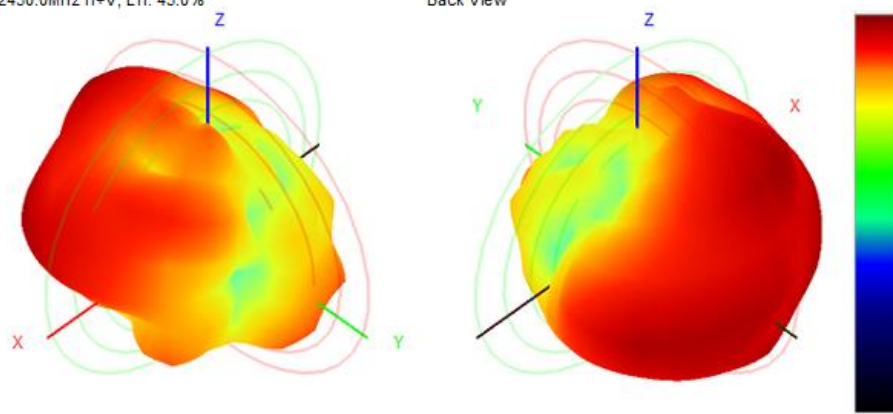


5-3.WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.51	1.63	44.55
2410	-3.36	1.67	46.11
2420	-3.31	1.84	46.69
2430	-3.26	1.01	47.19
2440	-3.53	1.20	44.41
2450	-3.47	1.49	44.98
2460	-3.27	1.92	47.11
2470	-3.57	1.73	43.94
2480	-3.48	1.80	44.88
2490	-3.60	1.64	43.63
2500	-3.61	1.14	43.53
5150	-3.20	2.15	47.82
5250	-3.35	2.21	46.22
5450	-3.24	2.40	47.46
5850	-3.25	2.75	47.28

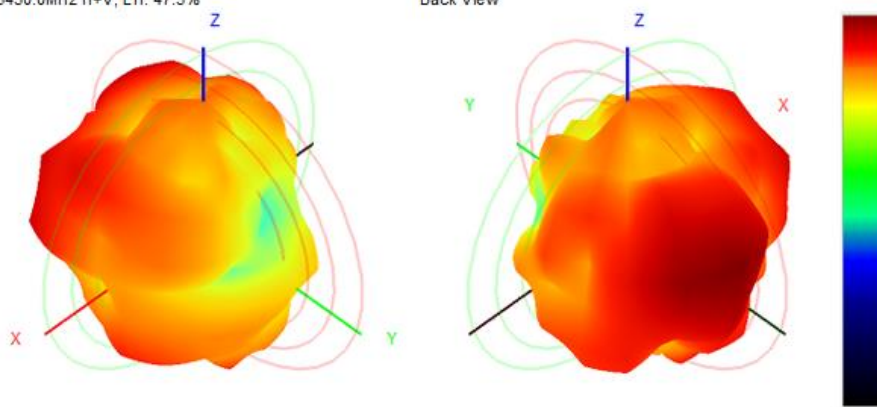
2450.0MHz H+V, Eff: 45.0%

Back View

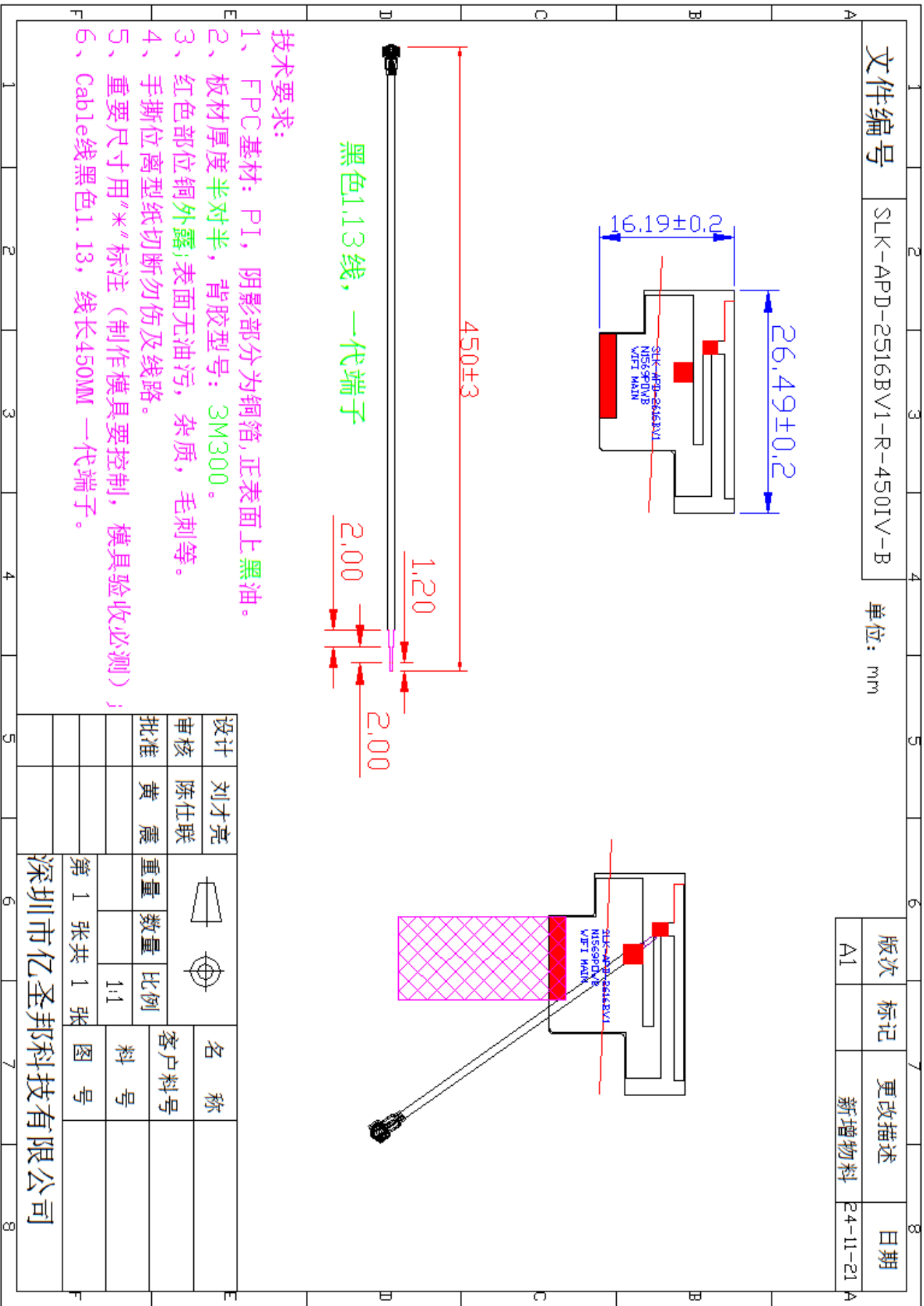


5450.0MHz H+V, Eff: 47.5%

Back View



6. Antenna Dimensions (unit: mm)



WIFI AUX Antenna (2616AV1)

1.Explanation of Product number :

SLK - APD - 2616AV1 - R - 300IV - G

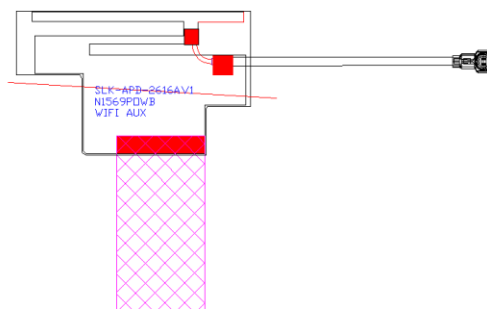
1

2

3

4

5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

2616AV1: SLK-APD-2616AV1 (WIFI AUX antenna)

(3) Welding Position

R:Right

(4) Cable Length:

300IV: 300*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.

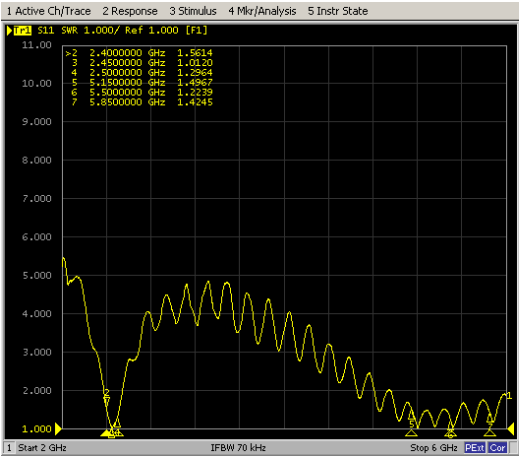
5. Electrical Specifications

5-1

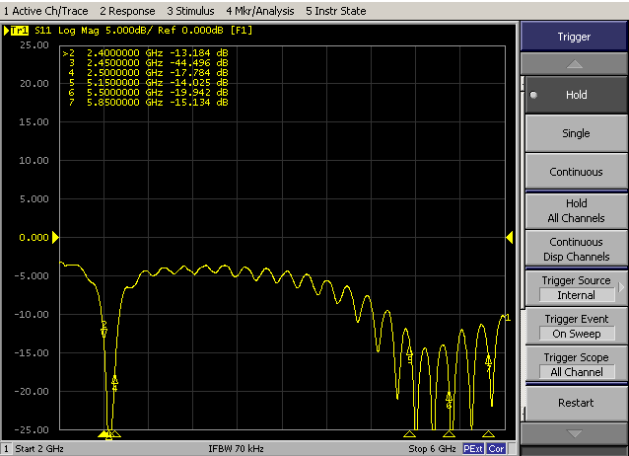
Characteristics	Specifications	Unit
Outline Dimensions	26.49x16.19x 0.6	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	50min	MHz
VSWR	3max	

5-2.

VSWR

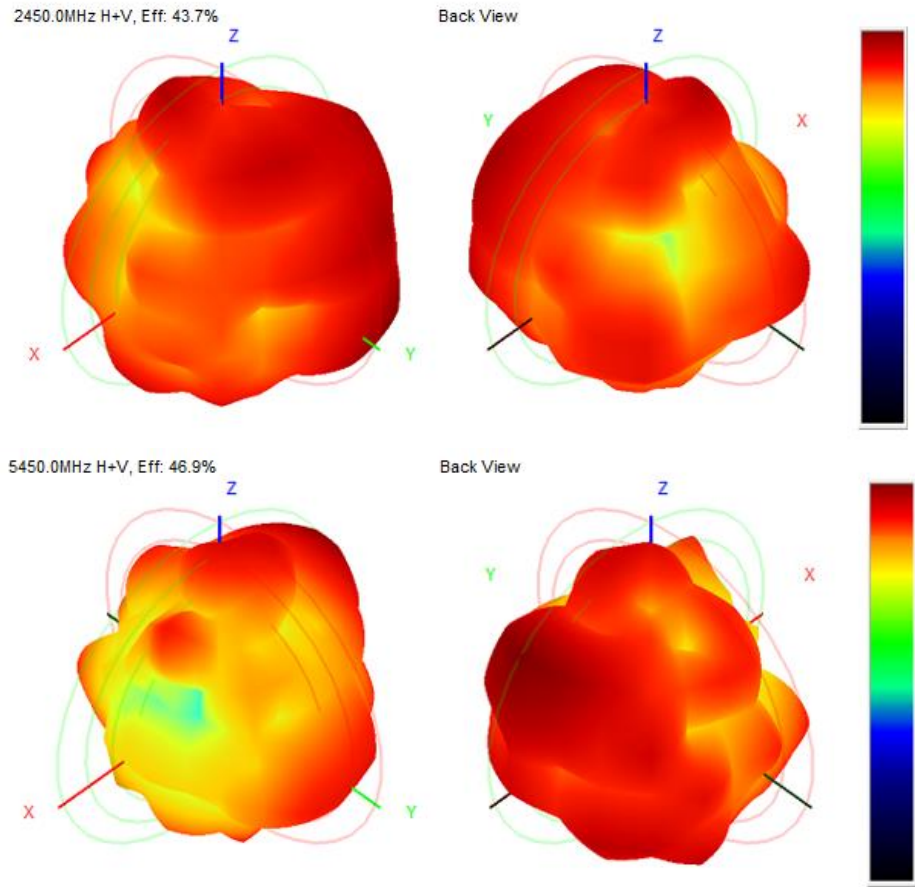


S11

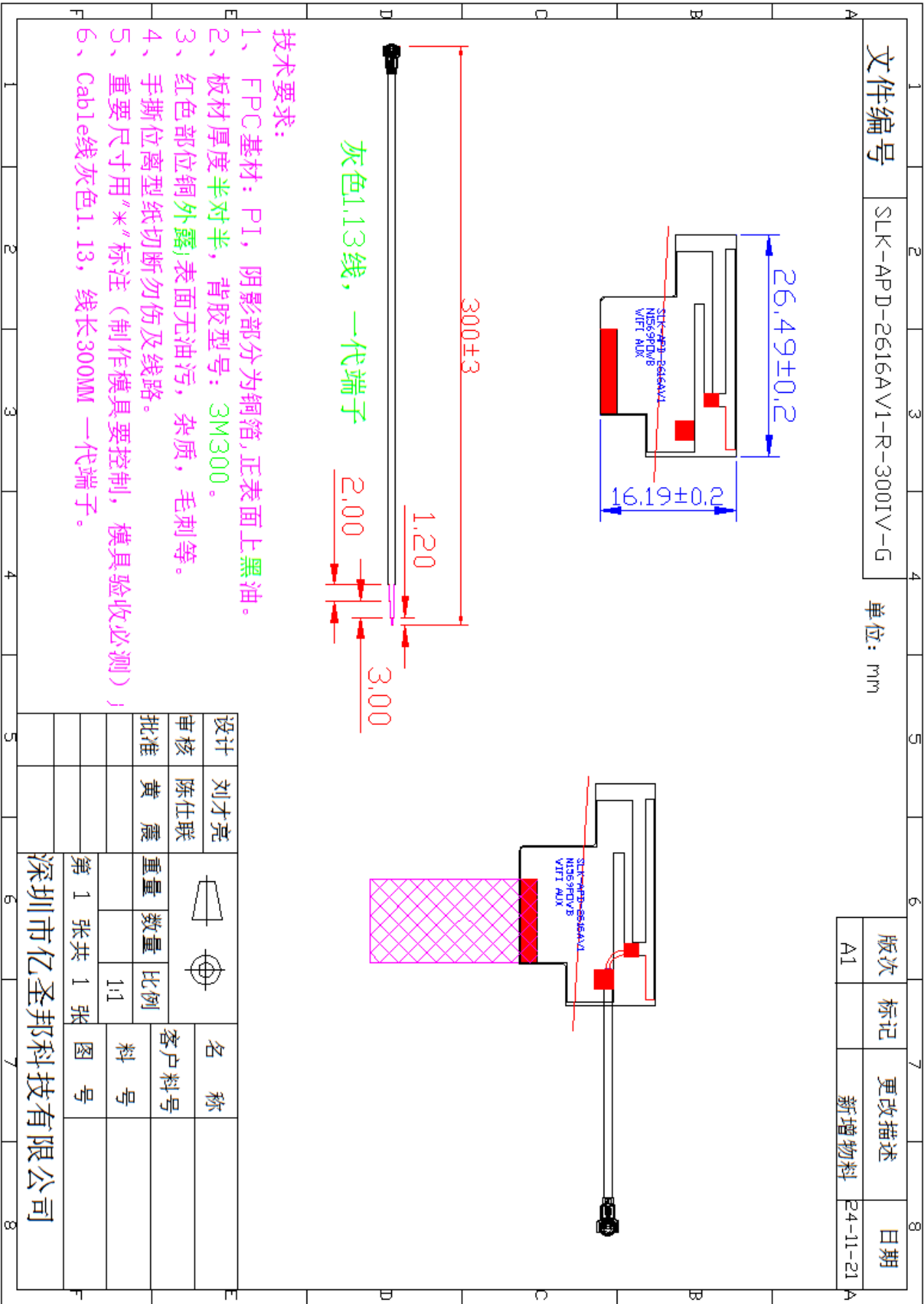


5-3.WIFI AUX Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.57	1.70	43.93
2410	-3.85	1.92	41.14
2420	-3.80	1.99	41.65
2430	-3.73	2.30	42.33
2440	-3.60	2.13	43.59
2450	-3.59	2.38	43.72
2460	-3.66	2.77	42.97
2470	-3.59	2.60	43.69
2480	-3.59	2.67	43.71
2490	-3.80	2.41	41.65
2500	-3.58	2.11	43.79
5150	-3.25	3.82	47.28
5250	-3.26	4.37	47.17
5450	-3.28	3.78	46.94
5850	-3.28	3.34	46.96



6.Antenna Dimensions (unit: mm)



7. Antenna Picture

