

深圳市亿圣邦科技有限公司
Shenzhen Yishengbang Technology Co., Ltd.

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): A2712P0YE
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
供应商型号 (SLK 填写): WIFI MAIN:SLK-APD-2813B-M-370IV-B
WIFI AUX:SLK-APD-2813C-M-385IV-G

承认签章

供应商承认

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

范新竹

黄震

林美财

盖章签署

盖章签署

日期

2024-11-04

日期

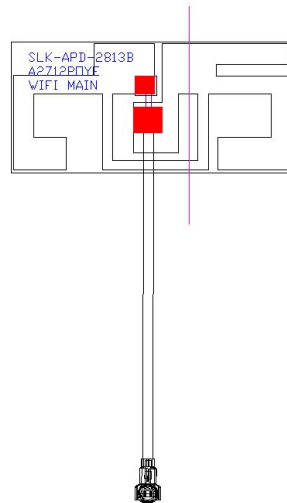
批示: ☐接受 ☐有条件接受

备注 (客户填写):

供应商地址: 深圳市宝安区西乡街道南昌社区前湾硬科技产业园 C 栋 101
Address: 101, Building C, Qianwan Hard Technology Industrial Park,
Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, China
电话: 18666299104 传真: 0769-82553116

WIFI MAIN

1. Explanation of Product number :



Product Code:

- (1) Customer: 艾普达
- (2) Antenna Name: WIFI 天线 (WIFI Antenna)
- (3) Connector: 1.13 黑色线, 总长 370mm, 4代端子

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n/a)
- * Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) 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

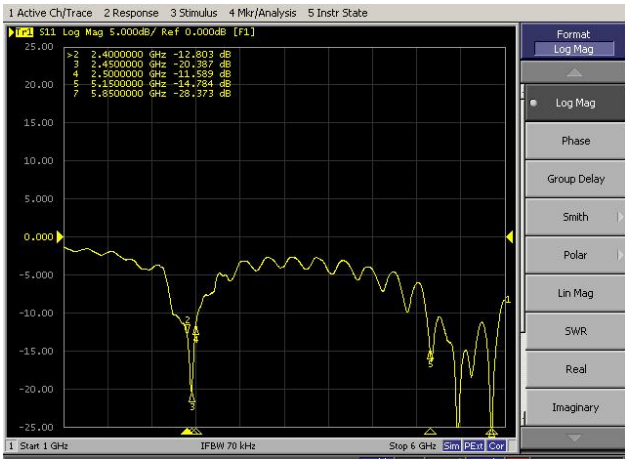
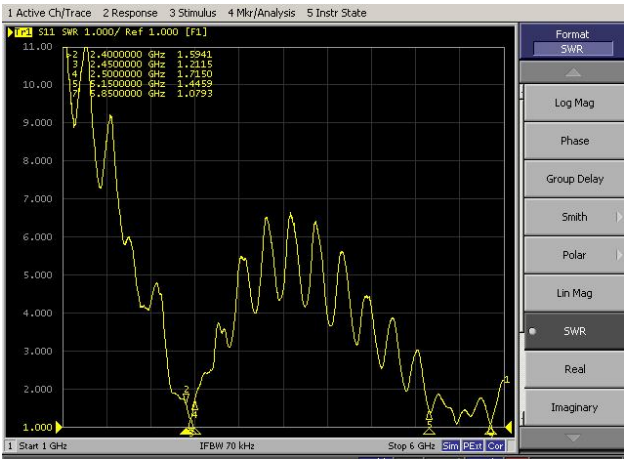
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

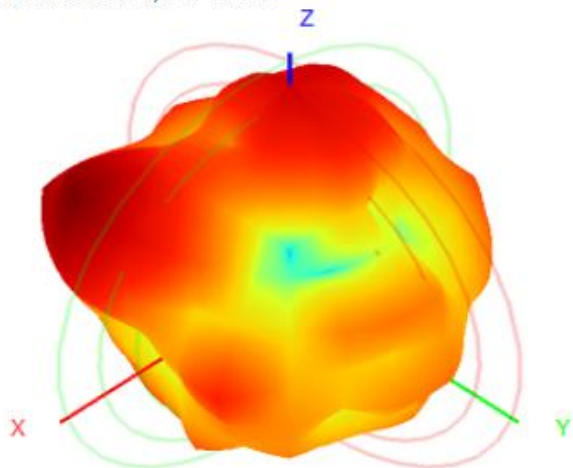
S11



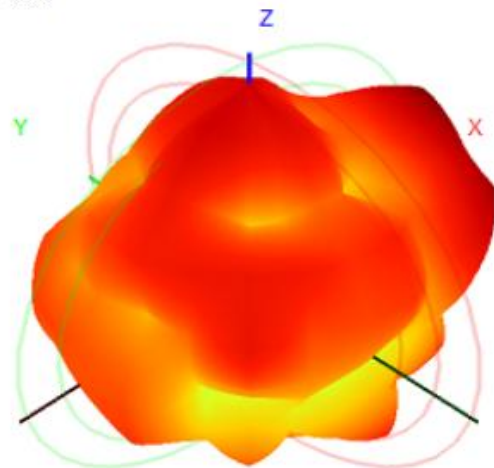
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.88	-3.64	-3.36	-3.26	-3.20	-3.26	-3.27	-3.39	-3.27	-3.43	-3.72	-3.49	-3.39	-3.81	-3.77	-3.65
Gain (dBi)	1.29	1.97	1.78	2.06	2.47	2.75	2.72	2.81	2.85	2.41	1.99	2.42	1.51	2.30	2.89	2.17
Efficiency (%)	40.83	43.19	46.13	47.15	47.77	47.17	47.08	45.80	47.01	45.29	42.39	44.77	45.79	41.62	41.96	43.08

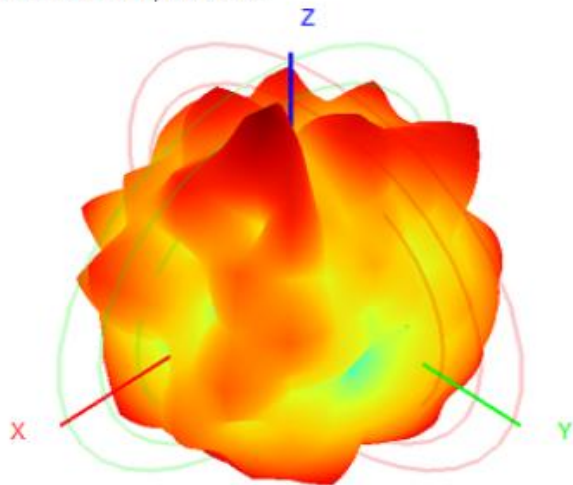
2450.0MHz H+V, Eff. 47.2%



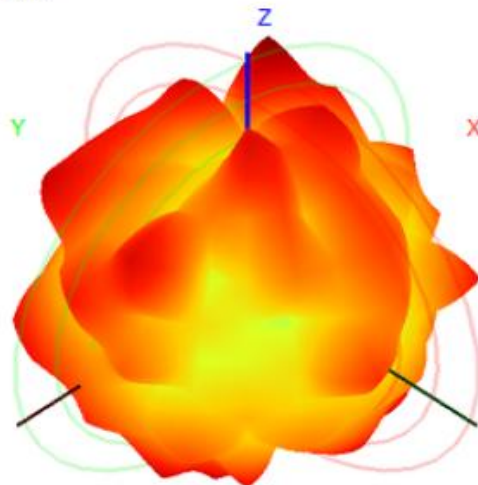
Back View



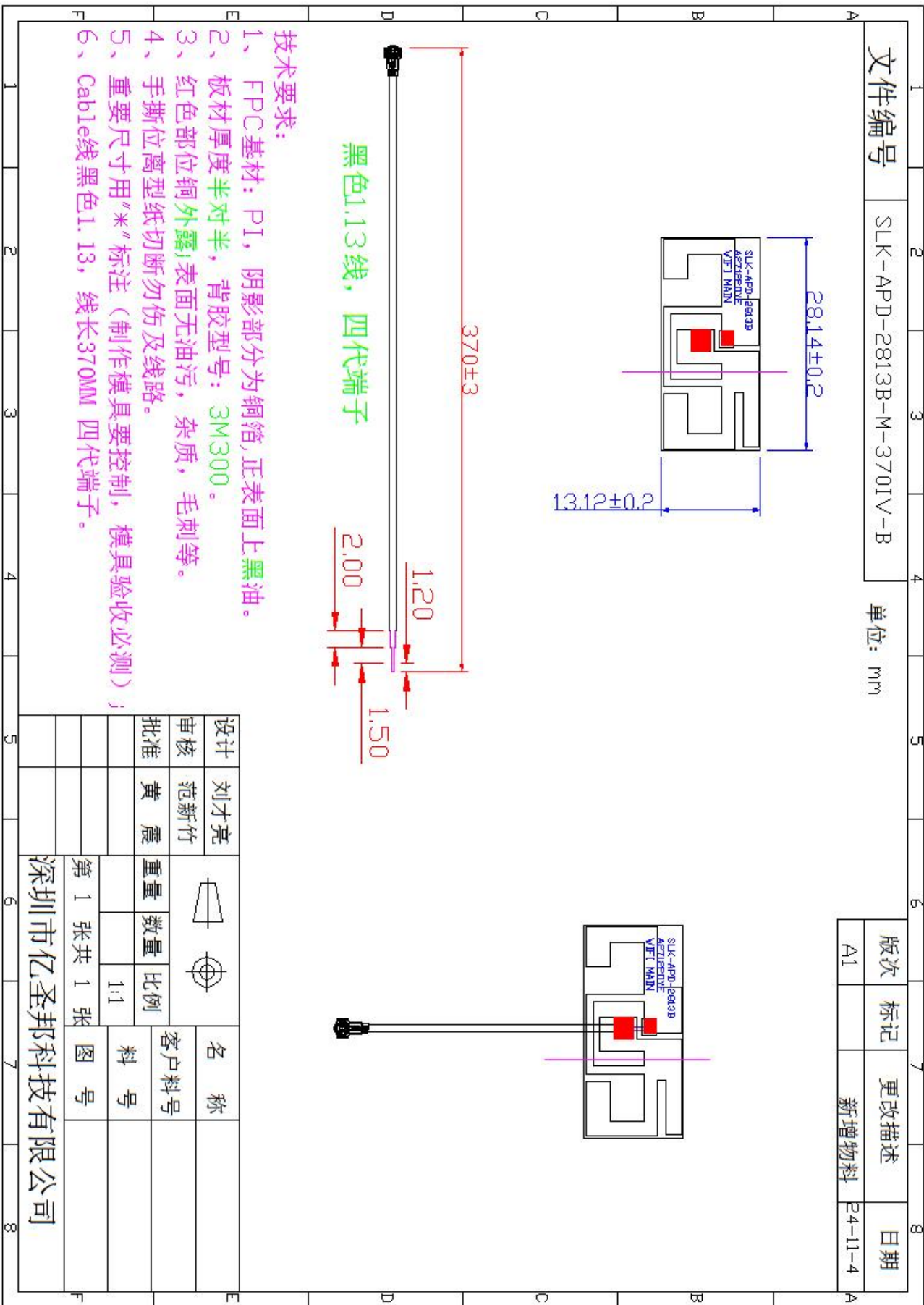
5850.0MHz H+V, Eff. 43.1%



Back View

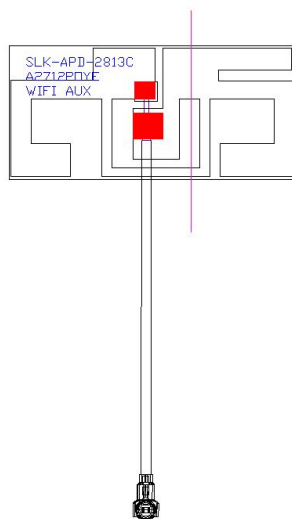


6. Antenna Dimensions (unit: mm)



WIFI AUX

1. Explanation of Product number :



Product Code:

(1) Customer: 艾普达

(2) Antenna Name: WIFI 天线 (WIFI Antenna)

(3) Connector: 1.13 灰色线, 总长 385mm, 4代端子

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n/a)
- * Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) 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

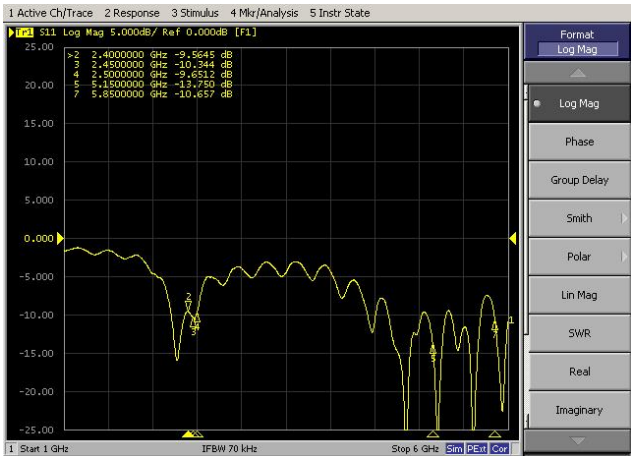
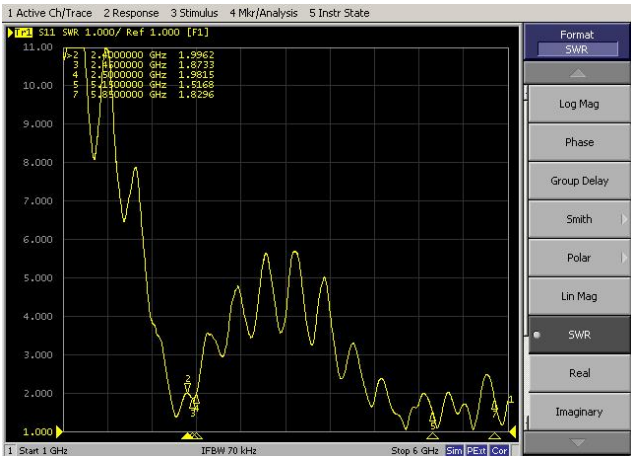
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

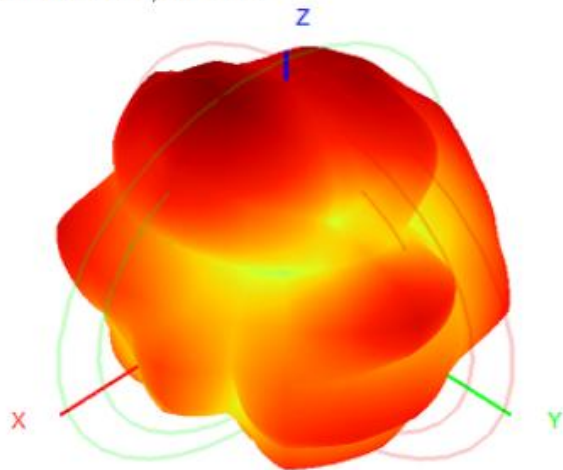
S11



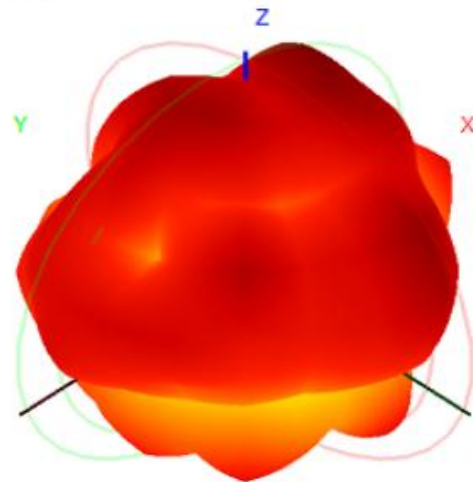
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.87	-3.64	-3.50	-3.45	-3.37	-3.42	-3.42	-3.46	-3.36	-3.38	-3.63	-3.83	-3.60	-3.73	-3.71	-3.57
Gain (dBi)	2.10	2.32	2.68	2.74	2.91	2.89	2.35	2.27	2.54	2.55	2.77	2.26	1.35	2.53	2.63	1.99
Efficiency (%)	40.95	43.19	44.57	45.11	46.00	45.41	45.44	45.00	46.03	45.87	43.31	41.39	43.61	42.40	42.51	43.89

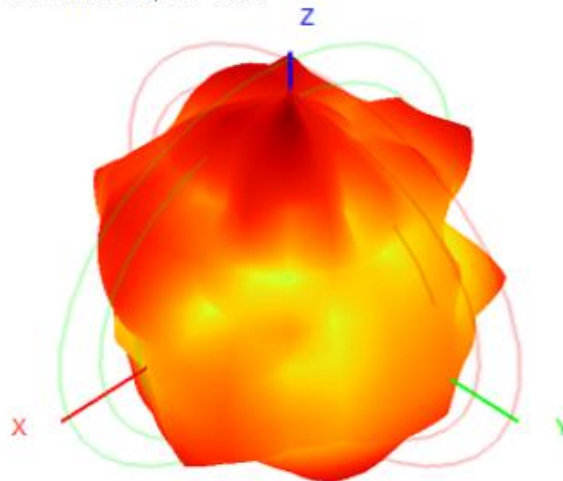
2450.0MHz H+V, Eff. 45.4%



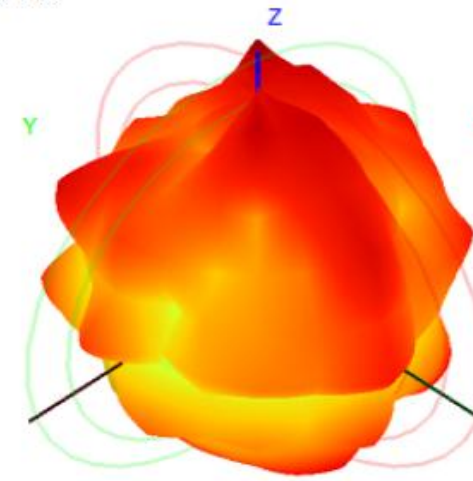
Back View



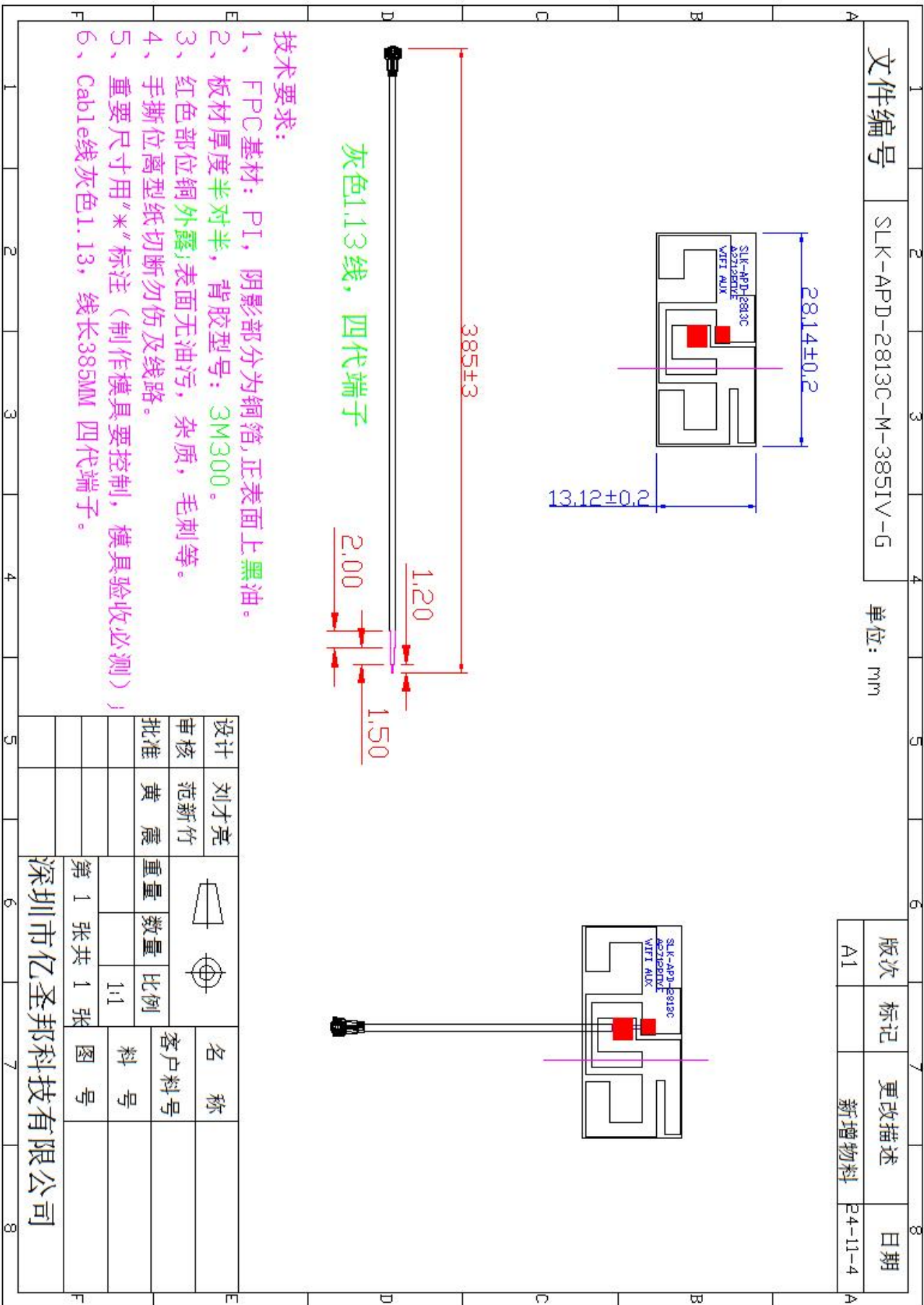
5850.0MHz H+V, Eff. 43.9%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

