

Shenzhen Yishengbang Technology Co., LTD
Sample acceptance letter
SPECIFICATION FOR APPROVAL

The name of the company: Dongguan Aipuda Technology Co., Ltd

The material code: _____

Specifications: N1410P3EE

Admitted to date: _____

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

Supplier standard type number: WIFI MAIN:SLK-APD-3212A2-R-220IV-B

WIFI AUX:SLK-APD-3628A-M-245IV-G

Admit signature

For acceptance by the contractor			Dongguan Aipuda Technology Co., Ltd		
Rf Engineer	quality department	Structural engineer	The engineer	The reviewer	approved
Xin Zhu Fan	Jie xing Chen	Cailiang Liu			
approved			Signed and sealed		
date 2023-10-11			date		
instructions: ☐ accept ☐ Conditional acceptance					
note:					

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

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

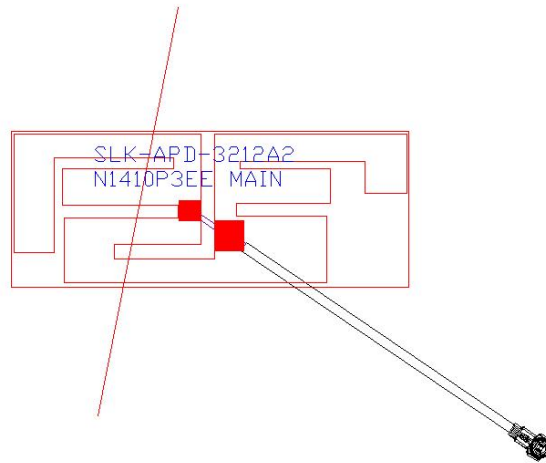
telephone: 18666299104

telephone: 18666299104

Shenzhen Yishengbang Technology Co., LTD

WIFI MAIN

1. Explanation of Product number :



Product Code:

- (1) Customer:Aipuda
- (2) Antenna Name:WIFI Antenna (WIFI Antenna)
- (3) Connector:1.13 Black line, Total length 220mm, 4th generation terminals

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.

Shenzhen Yishengbang Technology Co., LTD

5. Electrical Specifications

5-1

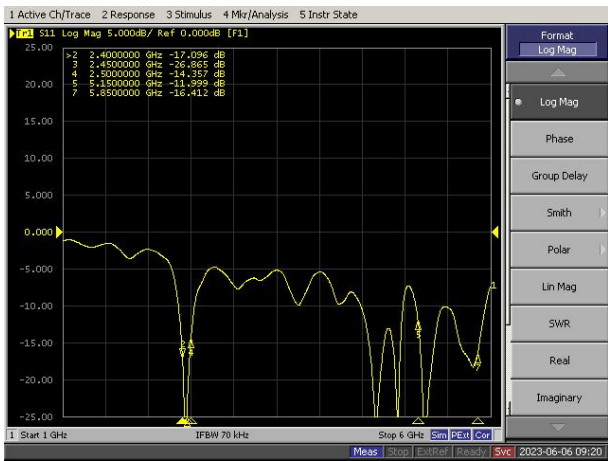
Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



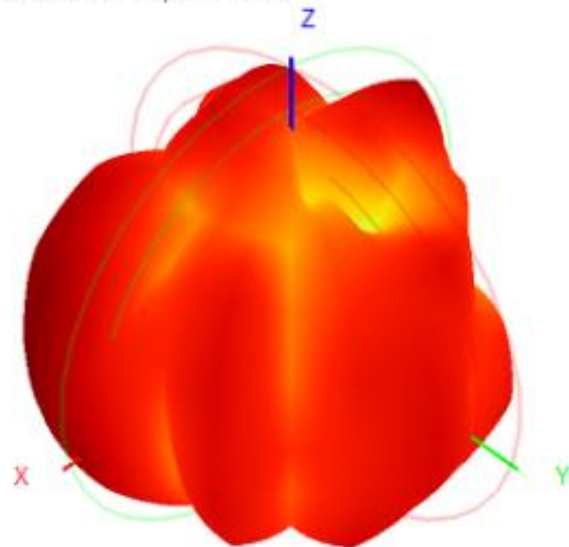
S11



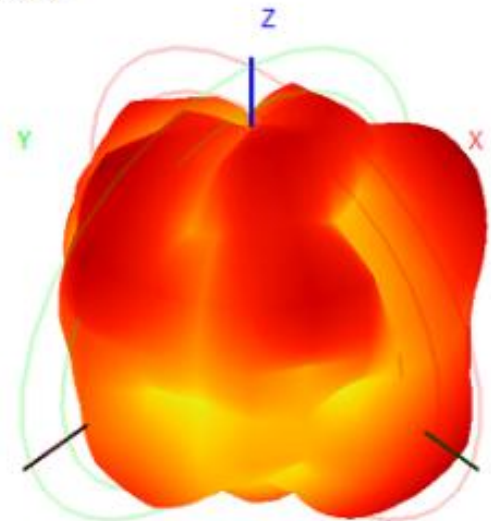
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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)	-3.80	-3.82	-3.65	-3.60	-3.53	-3.55	-3.36	-3.49	-3.36	-3.25	-3.34	-3.76	-3.57	-3.46	-3.89	-3.14
Gain (dBi)	1.53	1.53	1.71	1.70	1.72	1.61	2.13	1.63	1.84	2.04	2.28	2.95	2.81	2.01	2.55	2.75
Efficiency (%)	41.65	41.47	43.07	43.60	44.30	44.15	46.05	44.68	46.08	47.21	46.34	42.10	43.95	45.07	40.86	48.55

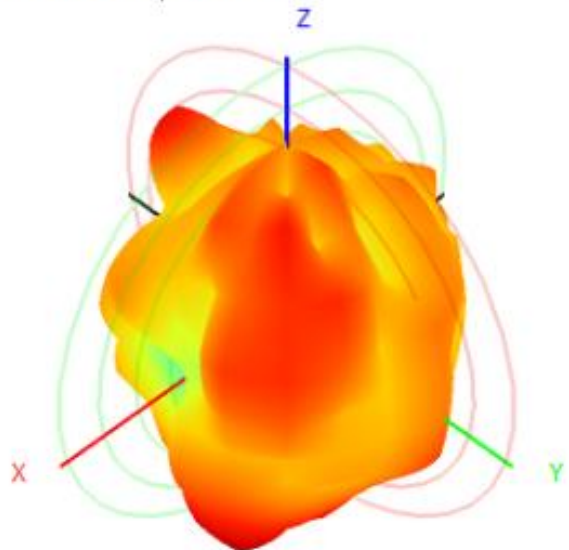
2450.0MHz H+V, Eff: 44.1%



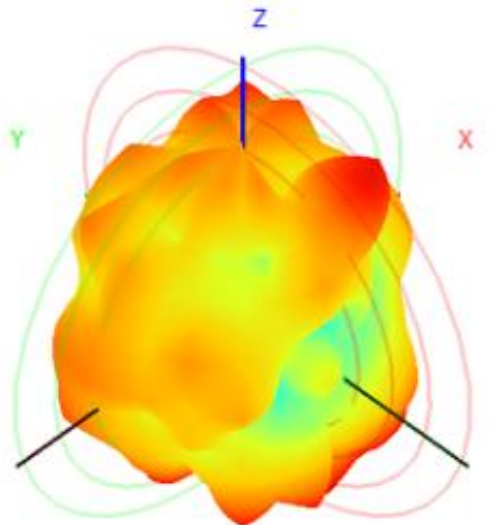
Back View



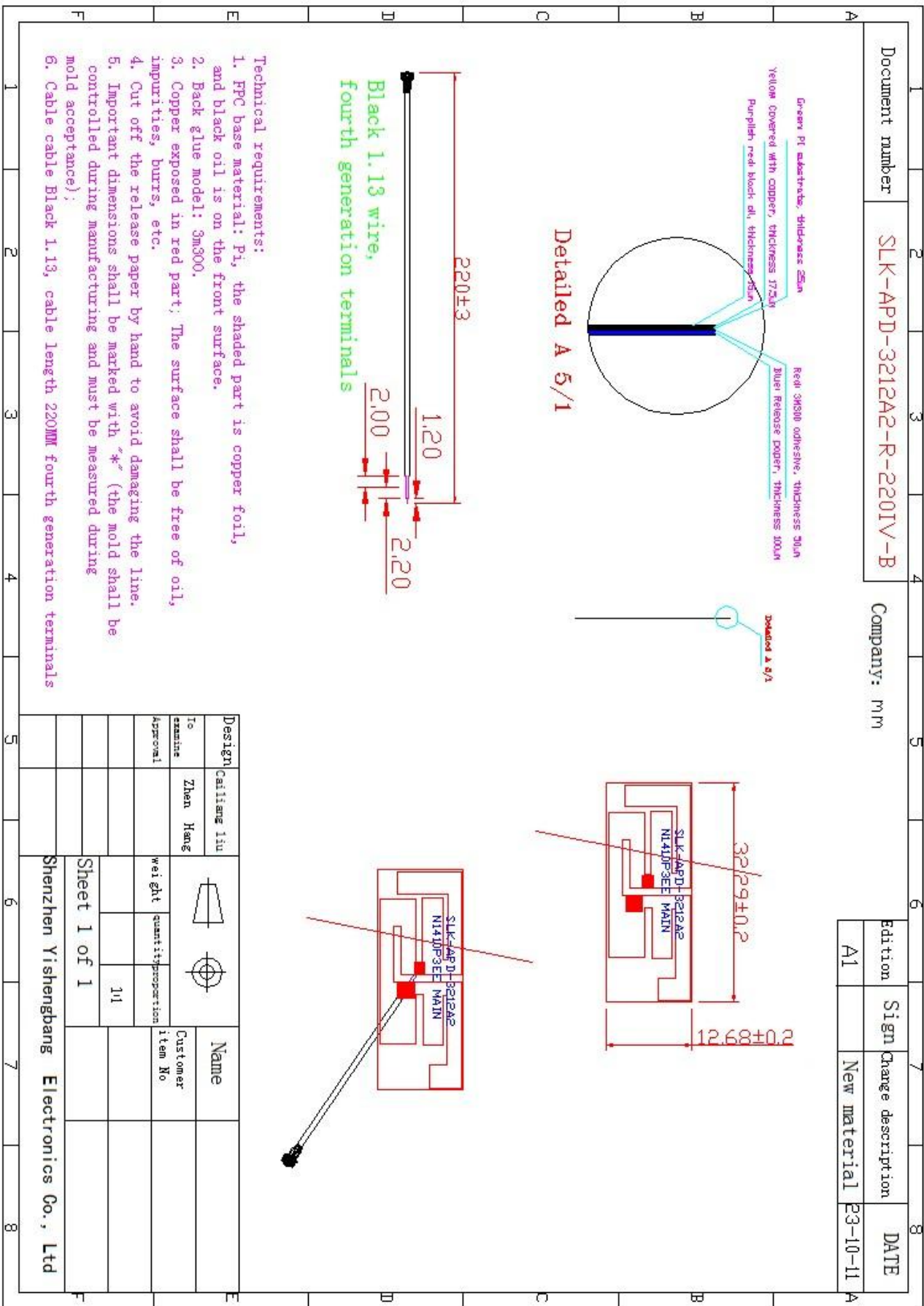
5850.0MHz H+V, Eff: 48.5%



Back View

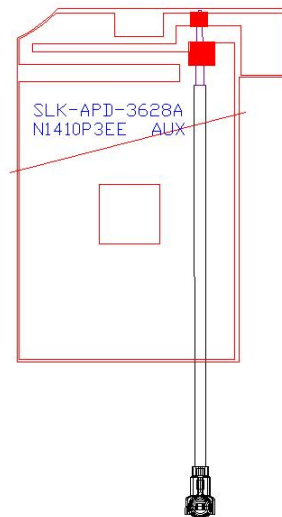


6. Antenna Dimensions (unit: mm)



WIFI AUX

1. Explanation of Product number :



Product Code:

(1) Customer:Aipuda

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

(3) Connector:1.13 Grey line, Total length 245mm, 4th generation terminals

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.

Shenzhen Yishengbang Technology Co., LTD

5. Electrical Specifications

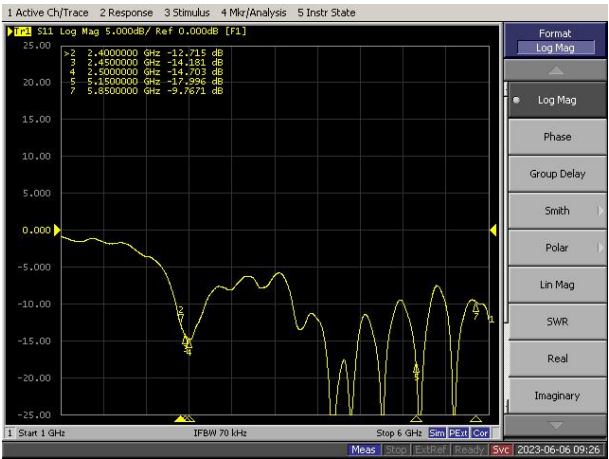
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x36.46x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

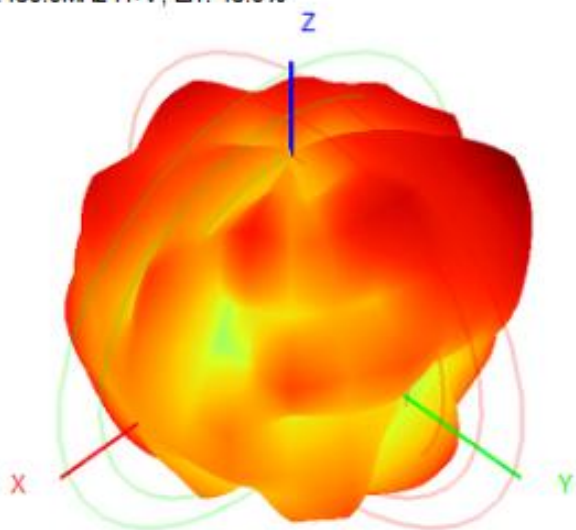
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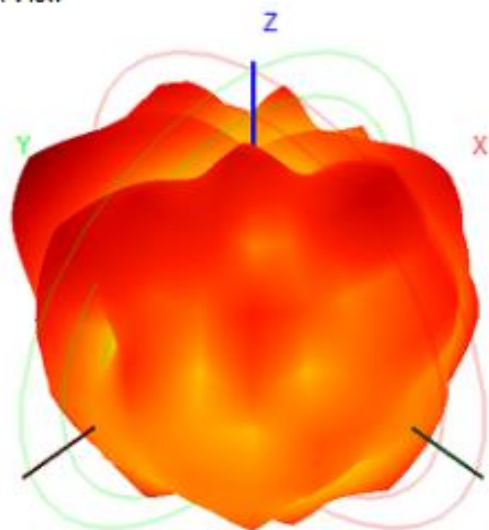
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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)	-3.82	-3.89	-3.95	-3.90	-3.73	-3.66	-3.48	-3.43	-3.22	-3.17	-3.25	-3.76	-3.64	-3.11	-3.37	-3.41
Gain (dBi)	2.24	2.15	1.92	1.75	1.96	2.50	2.66	2.83	2.78	2.73	2.47	2.87	2.98	2.43	2.51	2.02
Efficiency (%)	41.43	40.81	40.24	40.67	42.34	42.97	44.85	45.39	47.63	48.19	47.29	42.04	43.22	48.83	46.02	45.56

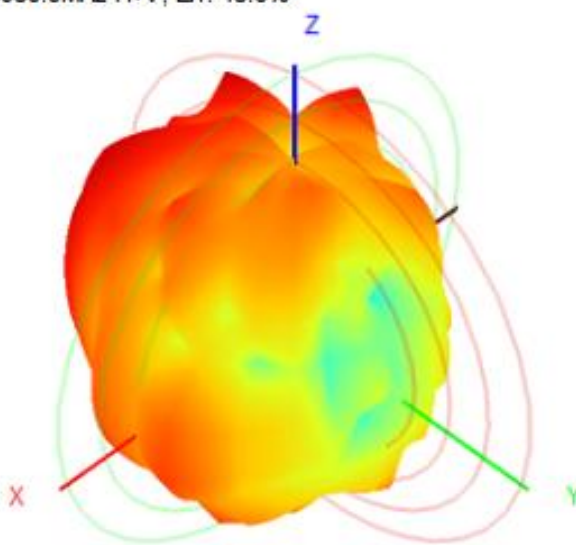
2450.0MHz H+V, Eff: 43.0%



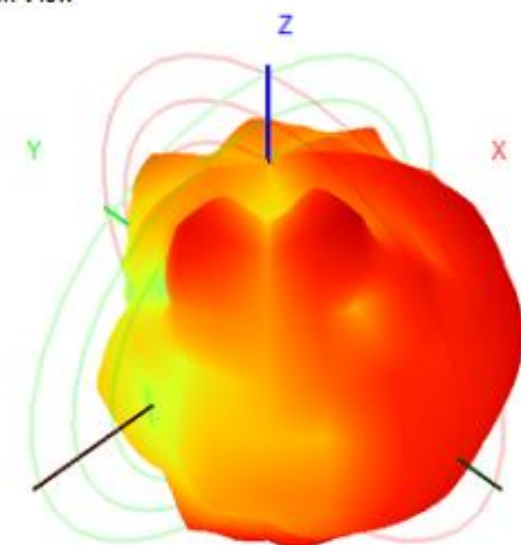
Back View



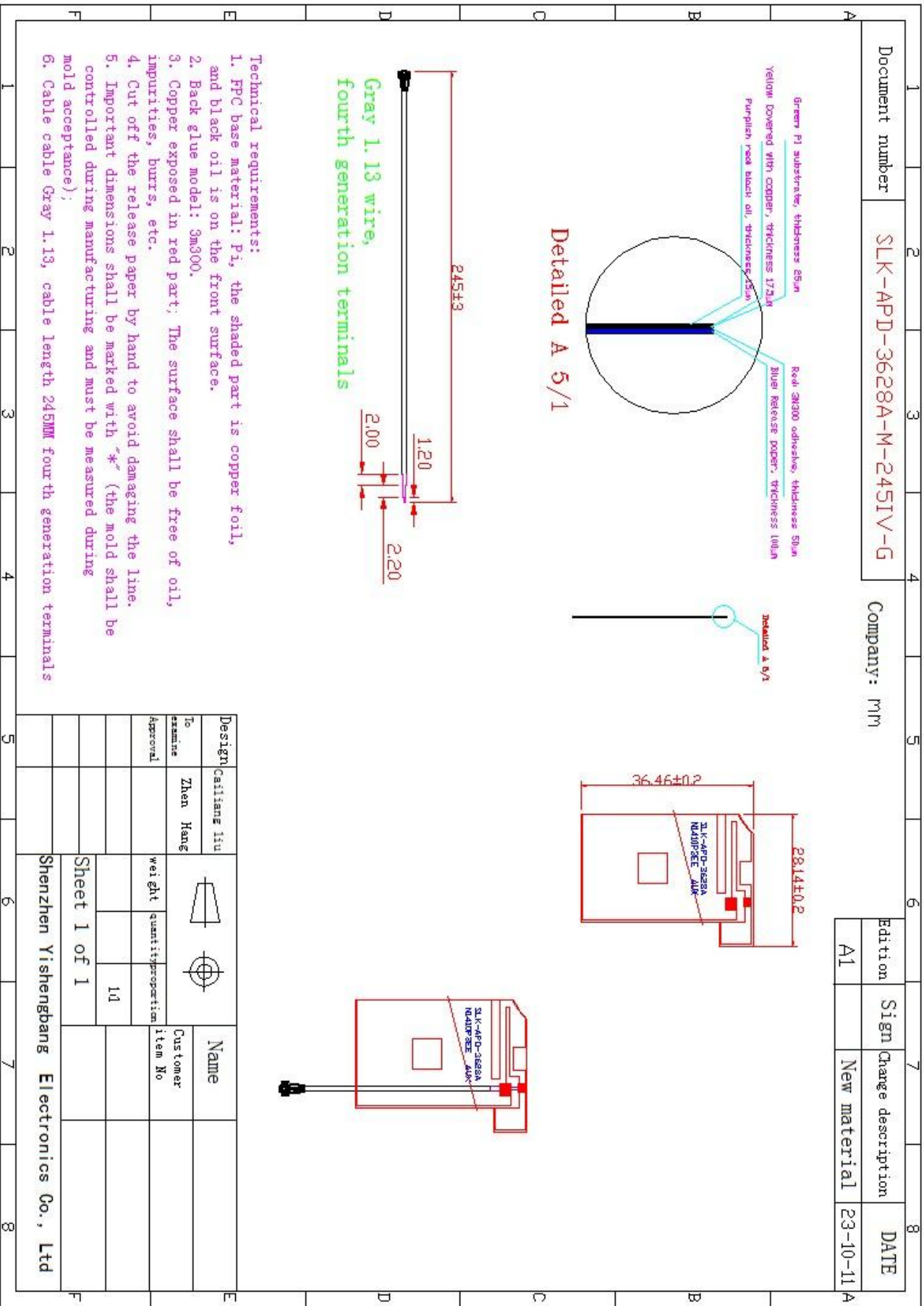
5850.0MHz H+V, Eff: 45.6%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

