

Shenzhen Yishengbang Technology Co., Ltd

SPECIFICATION FOR APPROVAL

公 司 名 称 (客户填写) : SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

物 料 代 码 (客户填写) : _____

规 格 型 号 (客户填写) : FA2169

承 认 日 期 (客户填写) : _____

Manufacturer : Shenzhen Yishengbang Technology Co., Ltd

Model : WIFI:SLK-YLD-3210A-R-150I-B

Manufacturer Address: Room 101, Building C, Qianwan Hard
Technology Industrial Park, Baoan District, Shenzhen

Phone: 18025305599

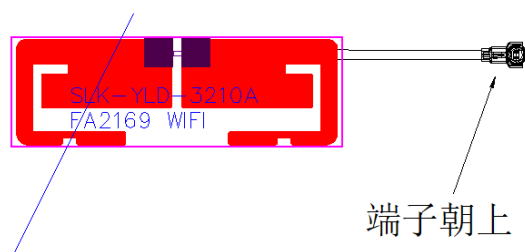
Phone: 18666299104

WIFI 1 Antenna (3210A)

1.Explanation of Product number :

S L K - Y L D - 3 2 1 0 A - R - 1 5 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

3210A:SLK-3210A (WIFI antenna)

(3) Welding Position

R:Right

(4) Cable Length:

150I: 150*1.13MM一代端子

(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 (802.11a/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

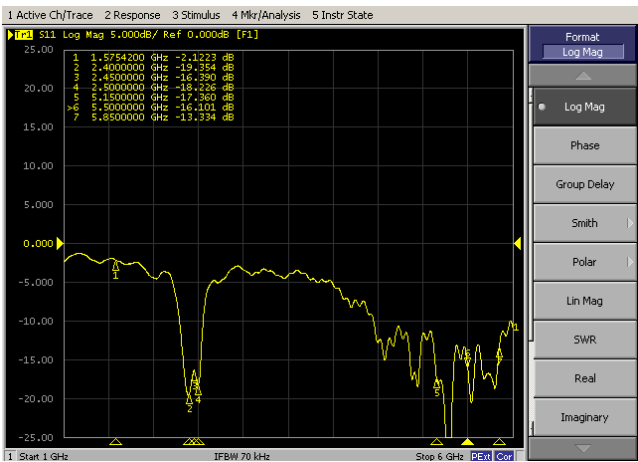
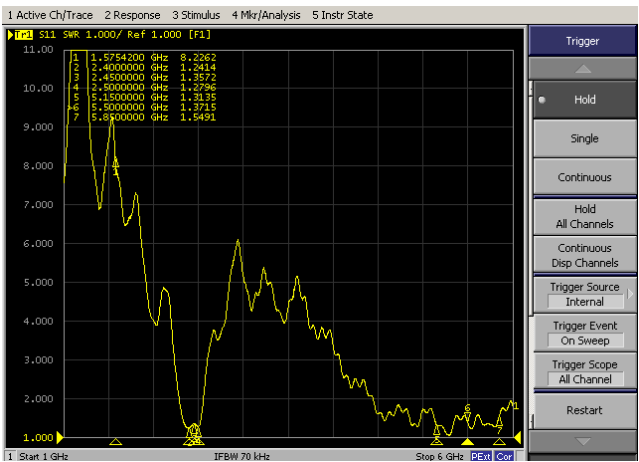
5-1

Characteristics	Specifications	Unit
Outline Dimensions	31.77x10.5x0.12	mm
Center Frequency	2400-2500 5150-5850	MHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5.2

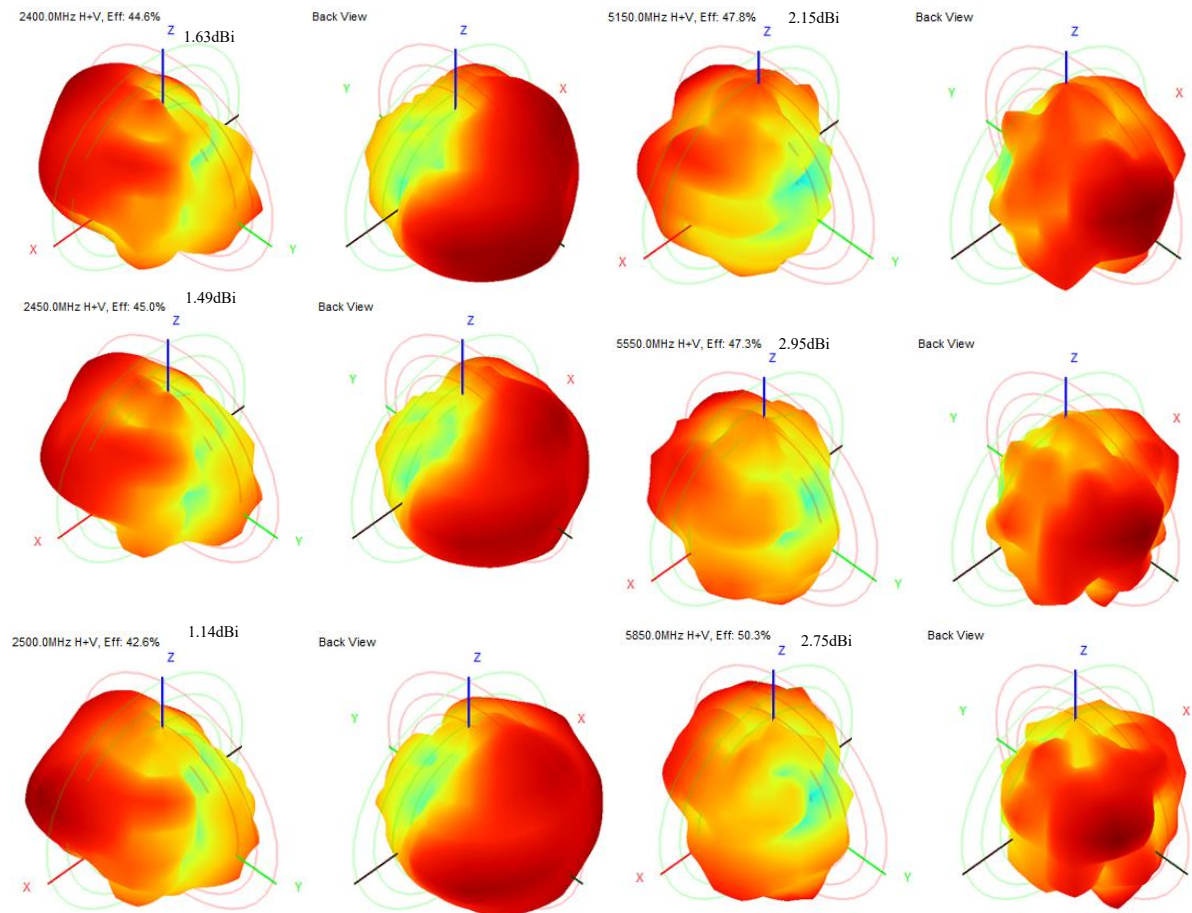
VSWR

S11

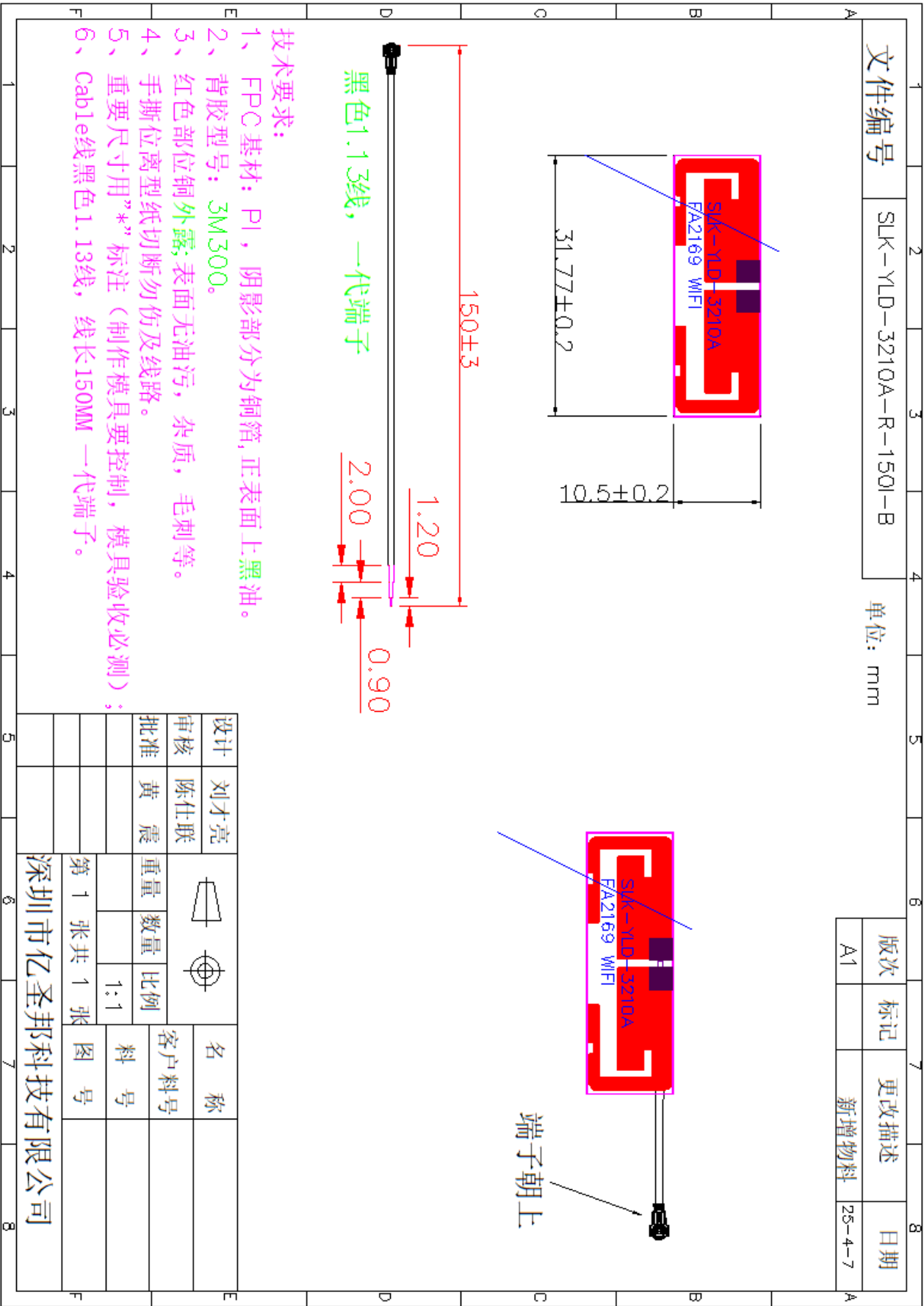


5-3.WIFI 1 Antenna Gain/Efficiency/Radiation Pattern of 3D

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	1.81	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	-3.70	1.14	42.63
5150	-3.20	2.15	47.82
5350	-3.28	2.79	47.02
5550	-3.25	2.95	47.29
5750	-2.82	2.71	52.19
5850	-2.99	2.75	50.28



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

