

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): 深圳亿莱顿科技有限公司
物料代码 (客户填写): _____
规格型号 (客户填写): WF2158
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): WIFI 1:SLK-YLD-3222A-R-345I-B

承认签章

供应商承认 (SLK填写栏)			深圳市亿莱顿科技有限公司		
工程师	品质	结构	工程师	审核	批准
胡雪文	陈揭兴	刘才亮	刘建红		
批准日期	林美财		盖章签署		
日期	2024-5-23		日期		
批示: <input type="checkbox"/> 接受 <input type="checkbox"/> 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

Manufacturer: Shenzhen Yishengbang Technology Co., Ltd.

供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101

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

电话: 18025305599

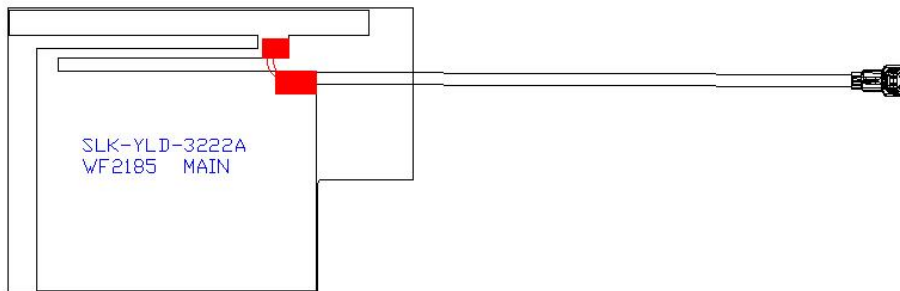
电话: 18666299104

WIFI 1 Antenna (3222A)

1.Explanation of Product number :

S L K - Y L D - 3 2 2 2 A - R - 3 4 5 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

3222A:SK-3222A (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

345I: 345*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 (b/g/n)
- * Hand-held devices when WIFI (802.11b/g/n) functions are needed

4. Description

Holy bond’s FPC antenna series are specially designed for WIFI (802.11b/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

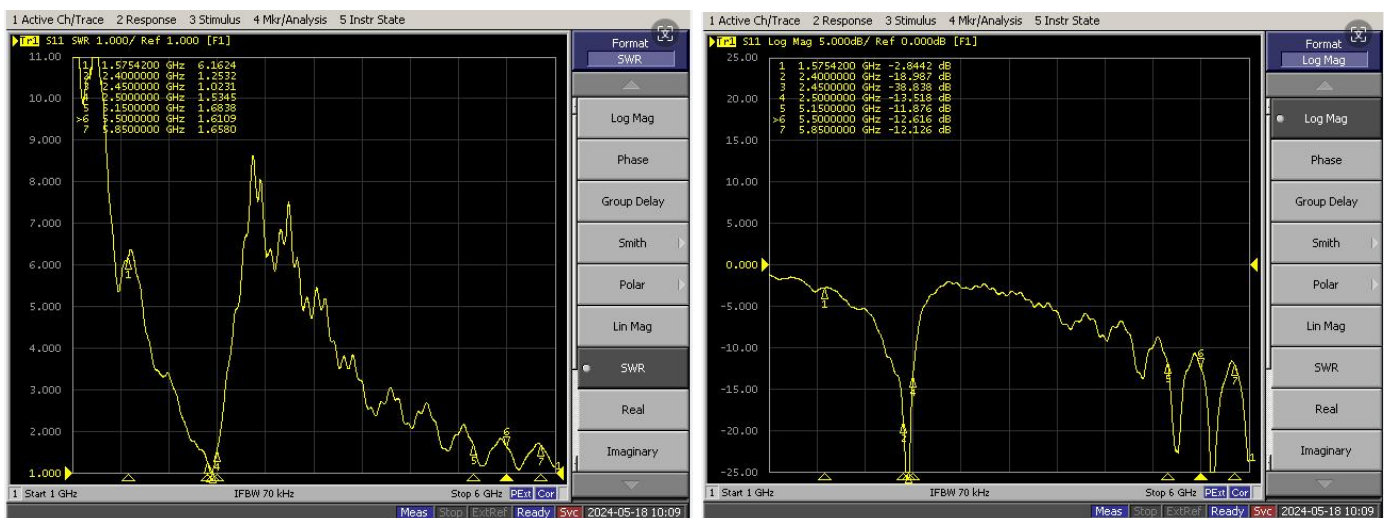
5-1

Characteristics	Specifications	Unit
Outline Dimensions	31.95x22.5x0.12	mm
Center Frequency	2400-2500 5150-5850	MHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	

5.2

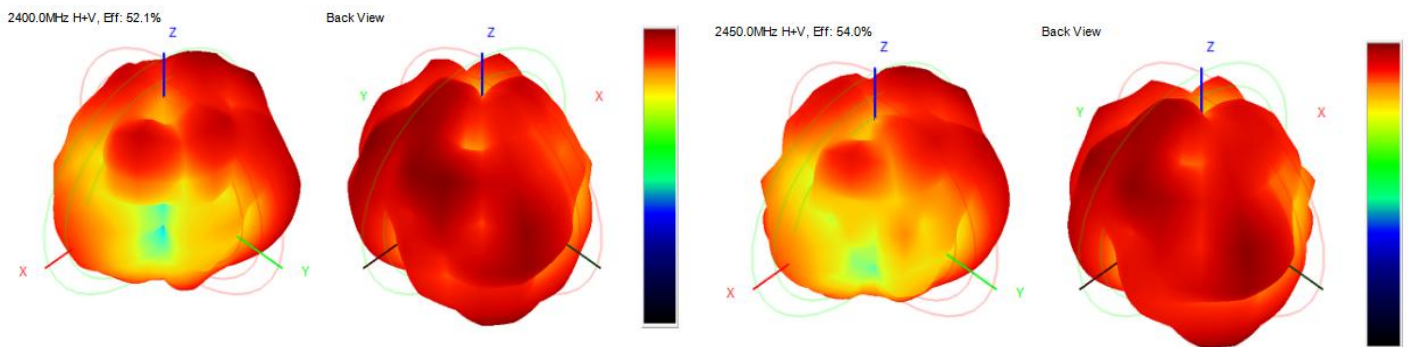
VSWR

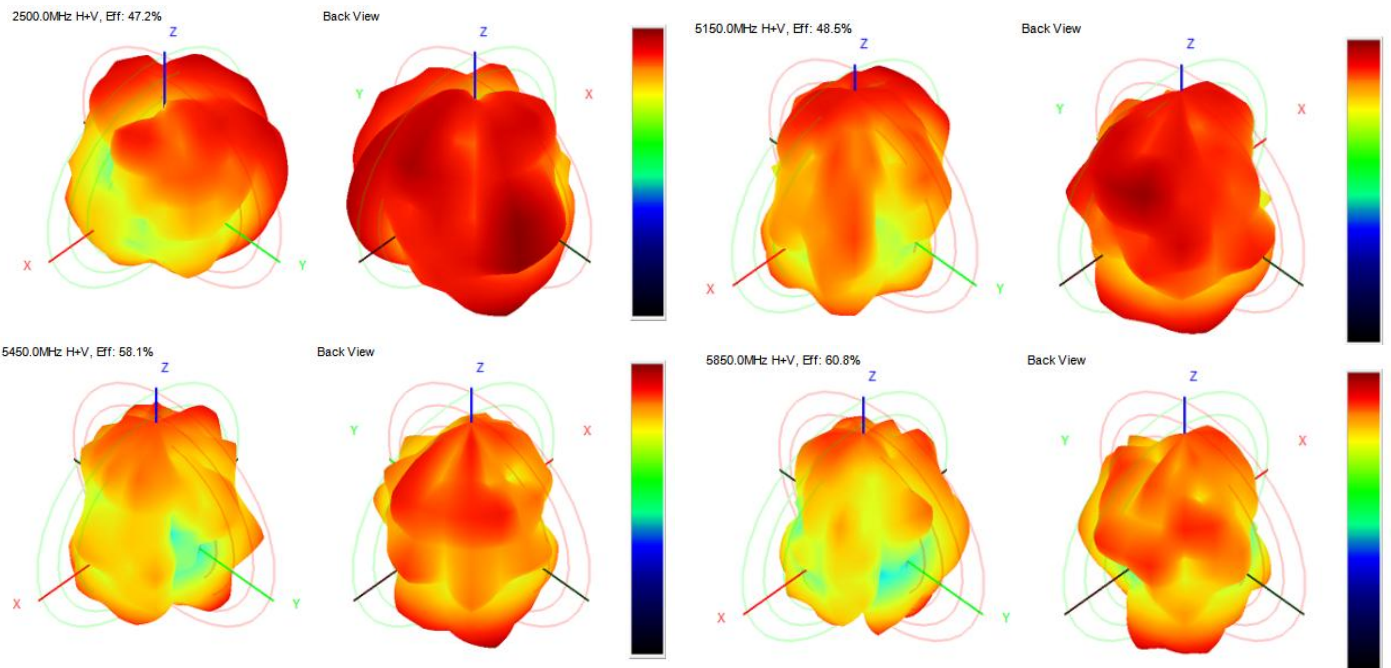
S11



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

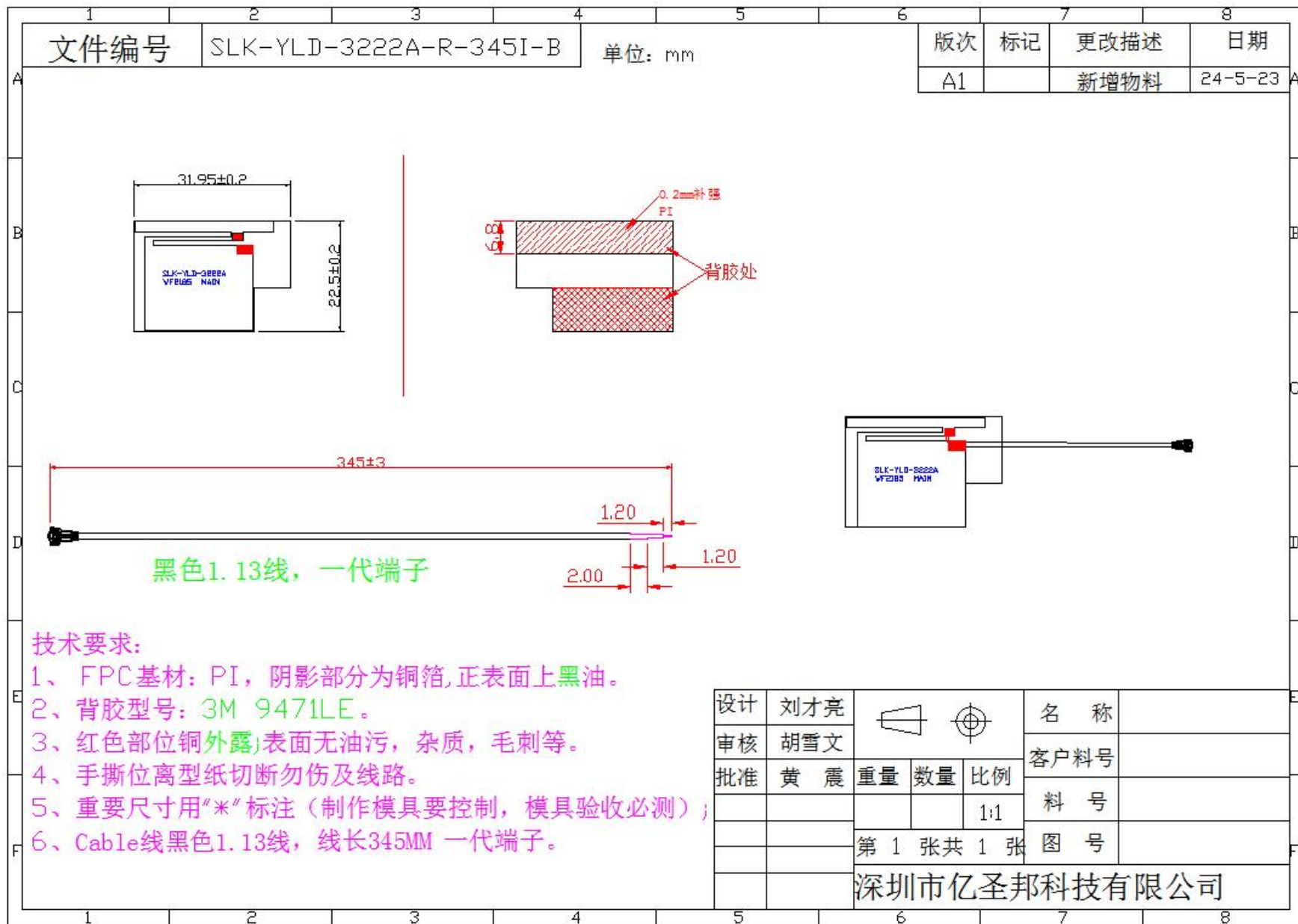
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.83	2.22	52.07
2410	-2.83	2.29	52.06
2420	-2.45	2.84	56.87
2430	-2.54	2.76	55.77
2440	-2.48	3.05	56.54
2450	-2.68	2.89	53.96
2460	-2.47	3.39	56.60
2470	-2.93	3.06	50.96
2480	-3.13	3.11	48.69
2490	-3.05	3.44	49.55
2500	-3.26	3.01	47.20
5150	-3.14	2.50	48.52
5250	-3.65	3.72	43.20
5350	-3.22	3.45	47.67
5450	-2.36	2.83	58.10
5550	-2.73	2.46	53.38
5650	-2.72	2.79	53.44
5750	-2.71	2.99	53.53
5850	-2.16	2.56	60.78





WIFI 有源测试			
频段	1	6	11
B-TRP-11Mbps	12.39	13.58	13.26
B-TIS-11Mbps	-81.47	-82.56	-82.78
G-TRP-54Mbps	10.84	12.53	11.75
G-TIS-54Mbps	-71.59	-72.86	-72.06
N-TRP-MCS7	10.22	11.49	11.16
N-TIS-MCS7	-68.12	-69.28	-69.38
频段	36	149	165
A-TRP-54Mbps	12.23	13.24	12.34
A-TIS-54Mbps	-72.10	-72.93	-72.41

6. Antenna Dimensions (unit: mm)



7. Antenna Picture

