

深圳市亿圣邦科技有限公司
样品承认书

SPECIFICATION FOR APPROVAL

公 司 名 称：深圳市亿莱顿科技有限公司
物 料 代 码：
规 格 型 号：
承 认 日 期：
供 应 商 名 称：深圳市亿圣邦科技有限公司
供 应 商 规 格 型 号：WIFI:SLK-YLD-2616-L-240I-B

承 认 签 章					
供 应 商 承 认			深圳市亿莱顿科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
刘才亮	胡雪文	林美财	刘建红		
盖章签署			盖章签署		
日 期			日 期		
2024-6-15					
批示： ☐ 接受 ☐ 有条件接受					
备注（客户填写）：					

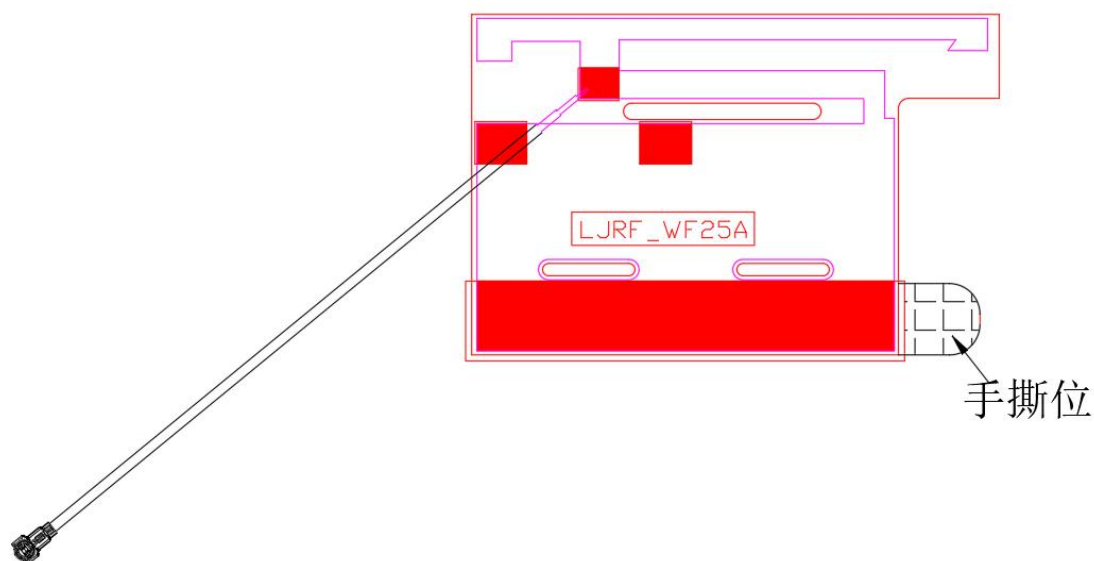
供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳硬科技产业园 C 栋 101
电 话: 18025305599 电 话: 18666299104

WIFI Antenna (2616)

1. Explanation of Product number :

S L K - Y L D - 2 6 1 6 - L - 2 4 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

2616: SLK-YLD-2616 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

240I: 240*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 (802.11 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.

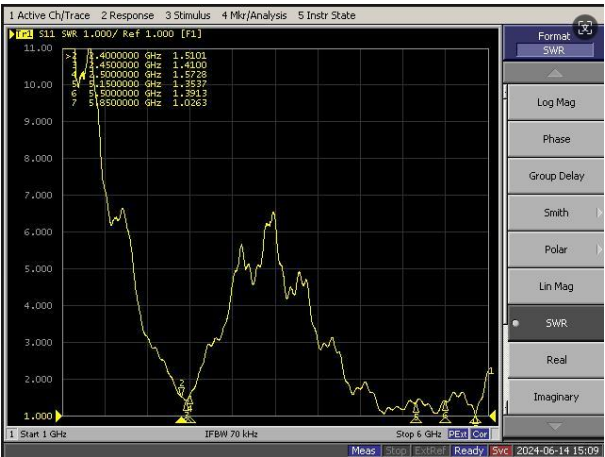
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.9x16.7x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR

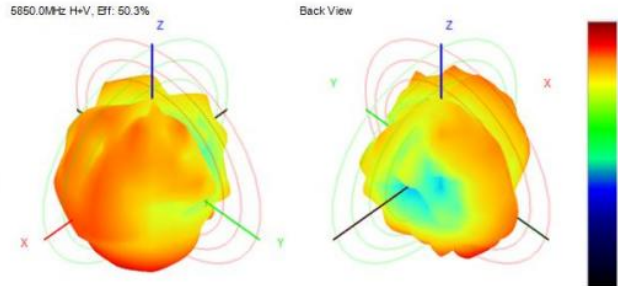
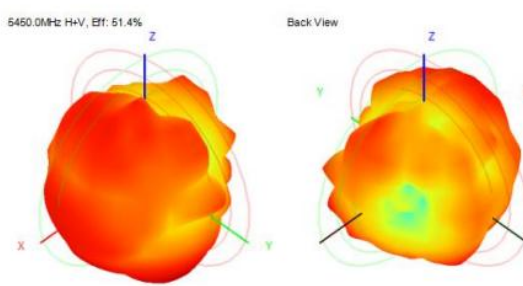
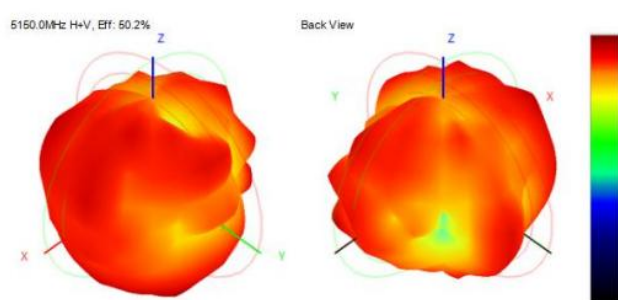
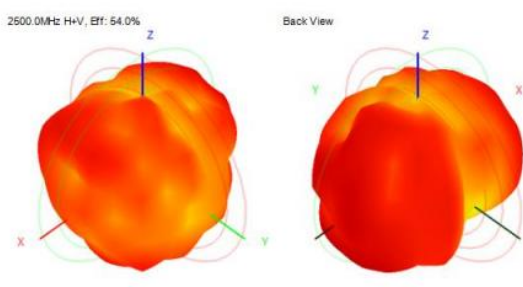
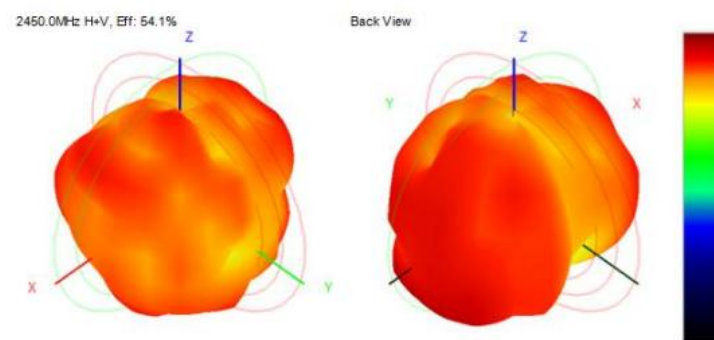
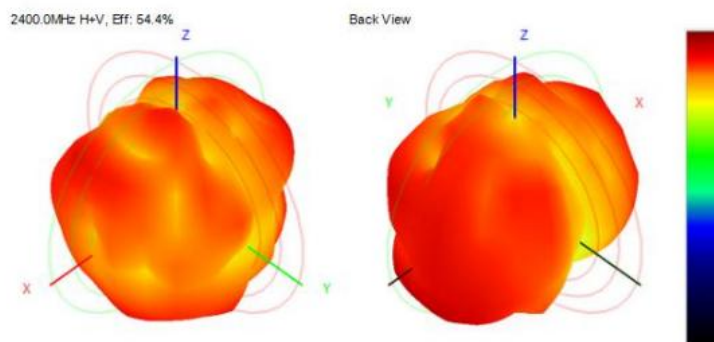


S11



5-3.WIFI MAIN Antenna Gain/Efficiency/3DDATA

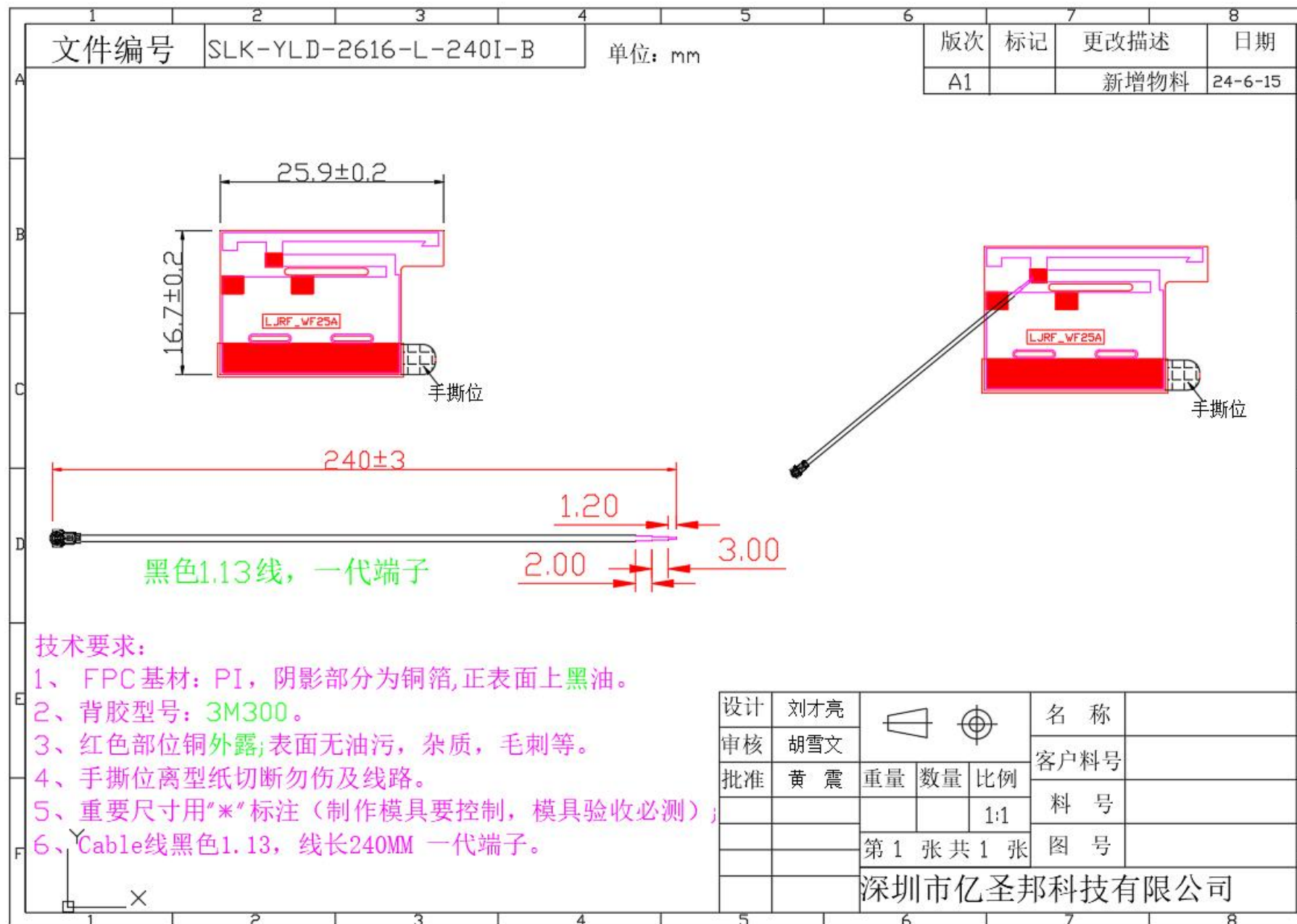
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.64	1.25	54.41
2410	-2.62	1.23	54.70
2420	-2.44	1.42	57.00
2430	-2.46	1.35	56.70
2440	-2.53	1.41	55.82
2450	-2.67	1.13	54.09
2460	-2.60	1.29	54.99
2470	-2.83	1.93	52.17
2480	-2.73	1.05	53.31
2490	-2.61	1.32	54.88
2500	-2.68	1.83	54.00
5150	-2.99	2.70	50.27
5250	-3.32	2.56	46.52
5350	-3.01	2.92	50.05
5450	-2.92	2.39	51.41
5550	-2.67	2.07	54.09
5650	-2.90	2.63	51.33
5750	-2.83	2.06	52.13
5850	-2.99	2.04	50.26



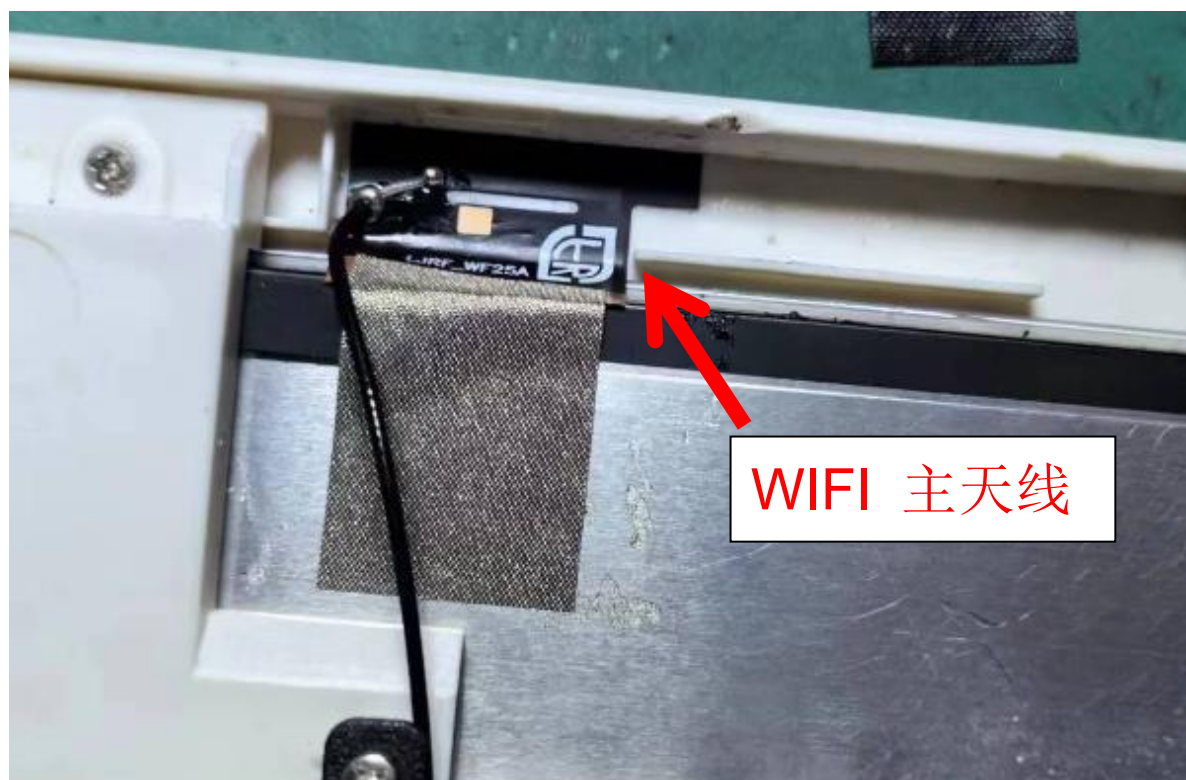
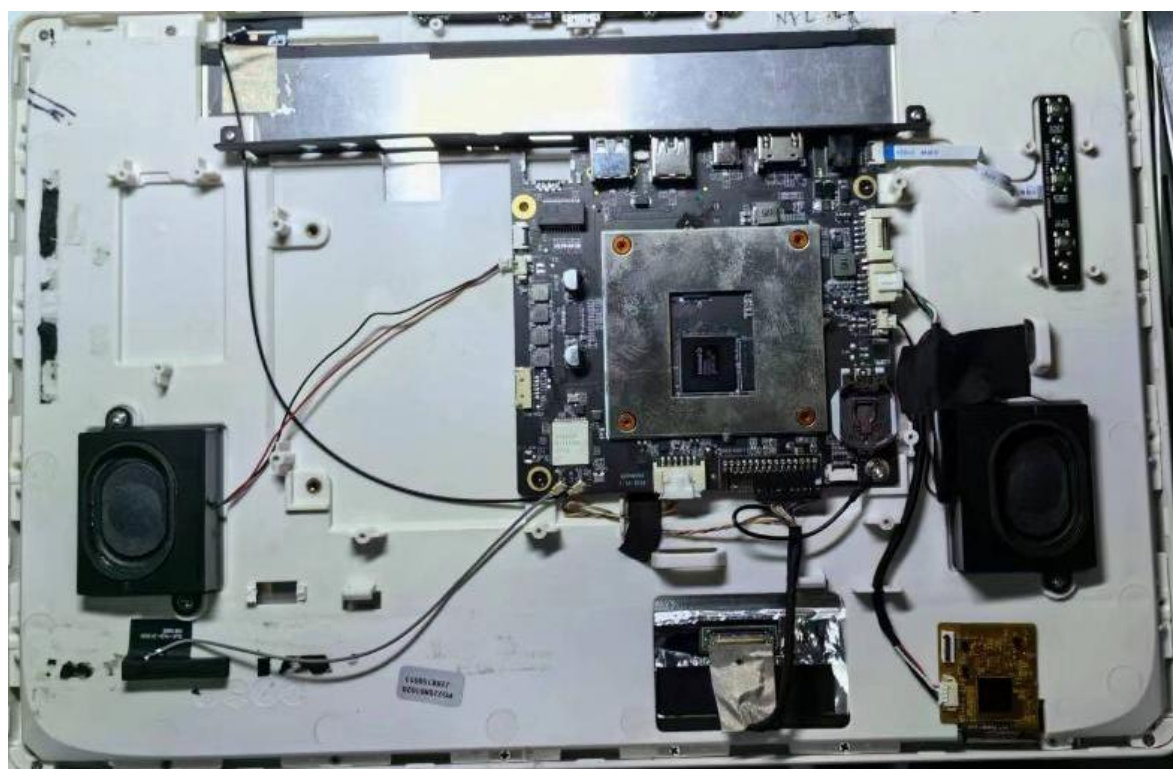
5-4.WIFI active test

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	14.8	13.64	13.56
B-TIS-11Mbps	-84.52	-84.40	-83.85
G-TRP-54Mbps	13.57	13.66	13.84
G-TIS-54Mbps	-70.24	-71.88	-71.64
N-TRP-MCS7	12.86	13.28	13.46
N-TIS-MCS7	-68.44	-68.10	-67.39
频段	36	149	165
A-TRP-54Mbps	15.20	15.64	15.27
A-TIS-54Mbps	-73.05	-72.54	-72.37

6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 主天线