

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): 深圳市晟达智联科技有限公司
物料代码 (客户填写): HSD-M01-ANT-01
规格型号 (客户填写): M01
承认日期 (客户填写): 2025. 4. 16
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:SLK-SDZL-2124A-L-370I-B-1.13

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳市晟达智联科技有限公司		
工 程 师	品 质	结 构	工 程 师	审 核	批 准
詹裕昌	陈揭兴	刘才亮	胡周波		
批准			盖章签署		
日 期	2025-04-16		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

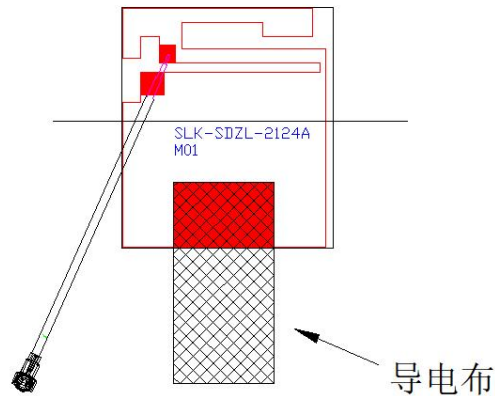
供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电 话: 18025305599 电 话: 18666299104

WIFI Antenna (2520A3)

1.Explanation of Product number :

S L K - S D Z L - 2 1 2 4 A - L - 3 7 0 I - B - 1 . 1 3

1 2 3 4 5



Product Code:

(1) Customer:

SDZL:晟达智联

(2) Project:

2124A:SLK-2124A (WIFI antenna)

(3) Welding Position

L:Left

(4) Cable Length:

370I: 370*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.

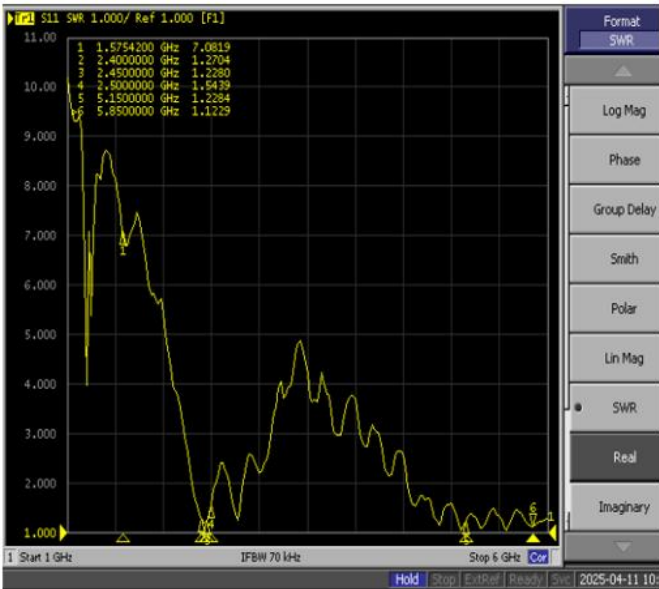
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	21.1x24x0.12	mm
Center Frequency	2400-2500 5150-5850	MHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5.2

VSWR

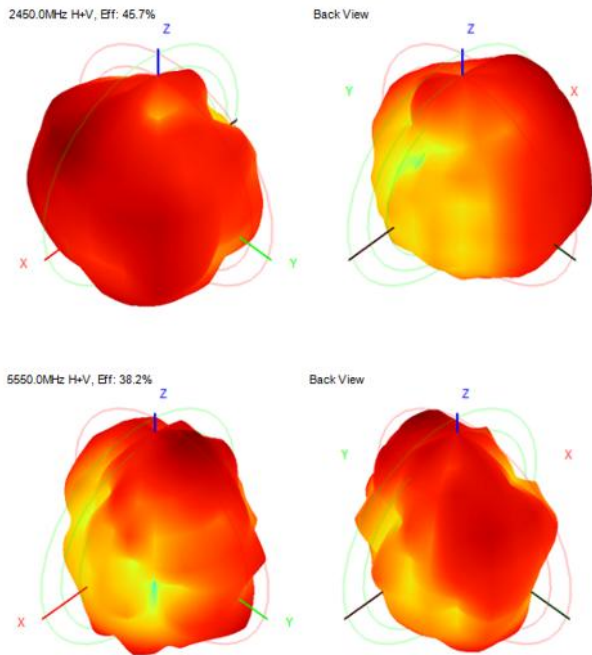


S11



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

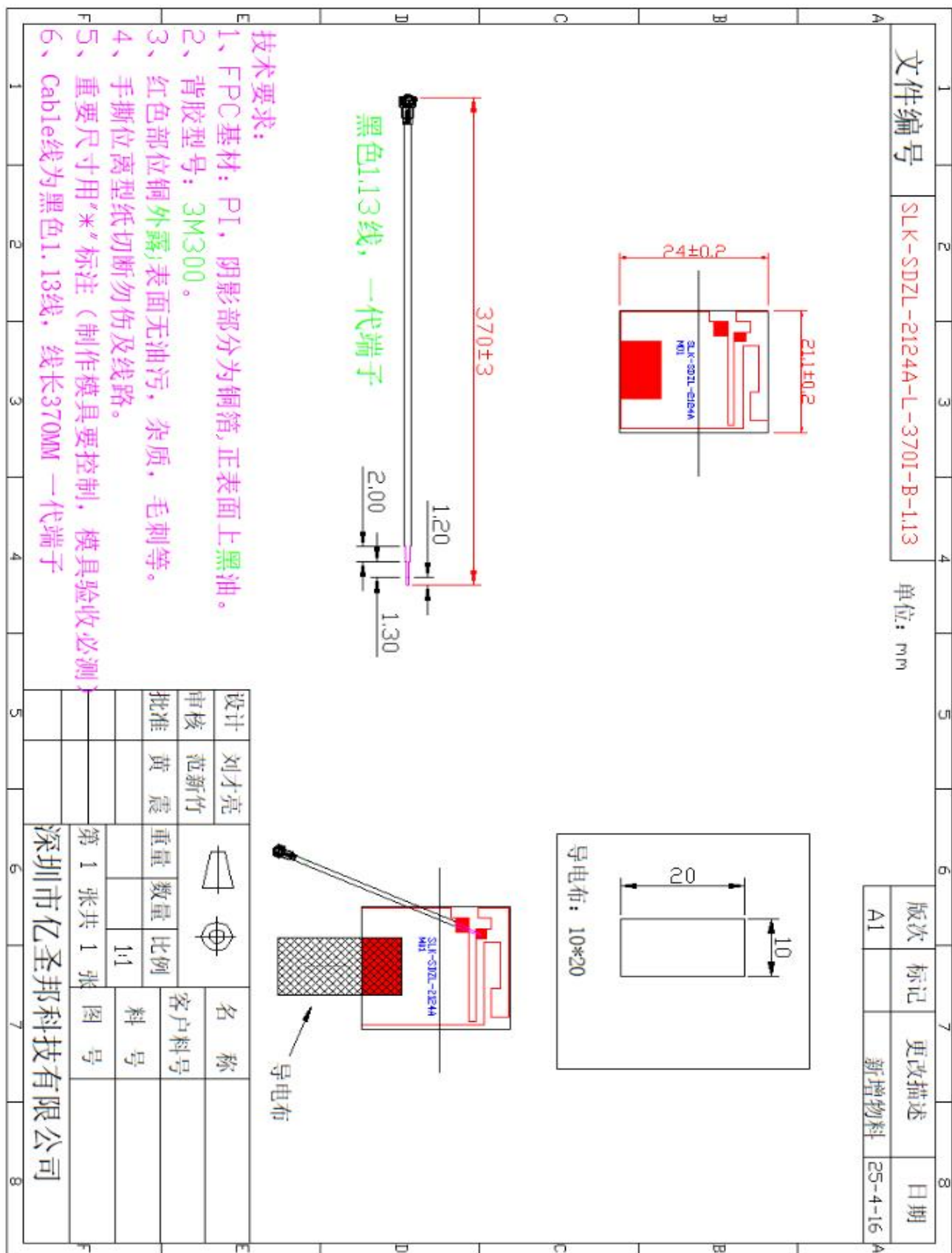
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-9.59	2.23	35.52
2410	-9.21	2.05	35.01
2420	-8.86	2.55	43.05
2430	-8.54	2.80	44.51
2440	-8.24	2.89	43.67
2450	-7.96	2.97	45.69
2460	-7.70	2.34	37.80
2470	-7.45	2.28	37.96
2480	-7.21	2.90	35.39
2490	-6.99	3.06	39.57
2500	-6.78	2.72	37.59
5150	-4.95	2.87	44.42
5350	-4.44	3.40	43.38
5550	-3.98	2.89	38.17
5750	-3.57	3.01	43.28
5850	-3.37	3.43	42.22



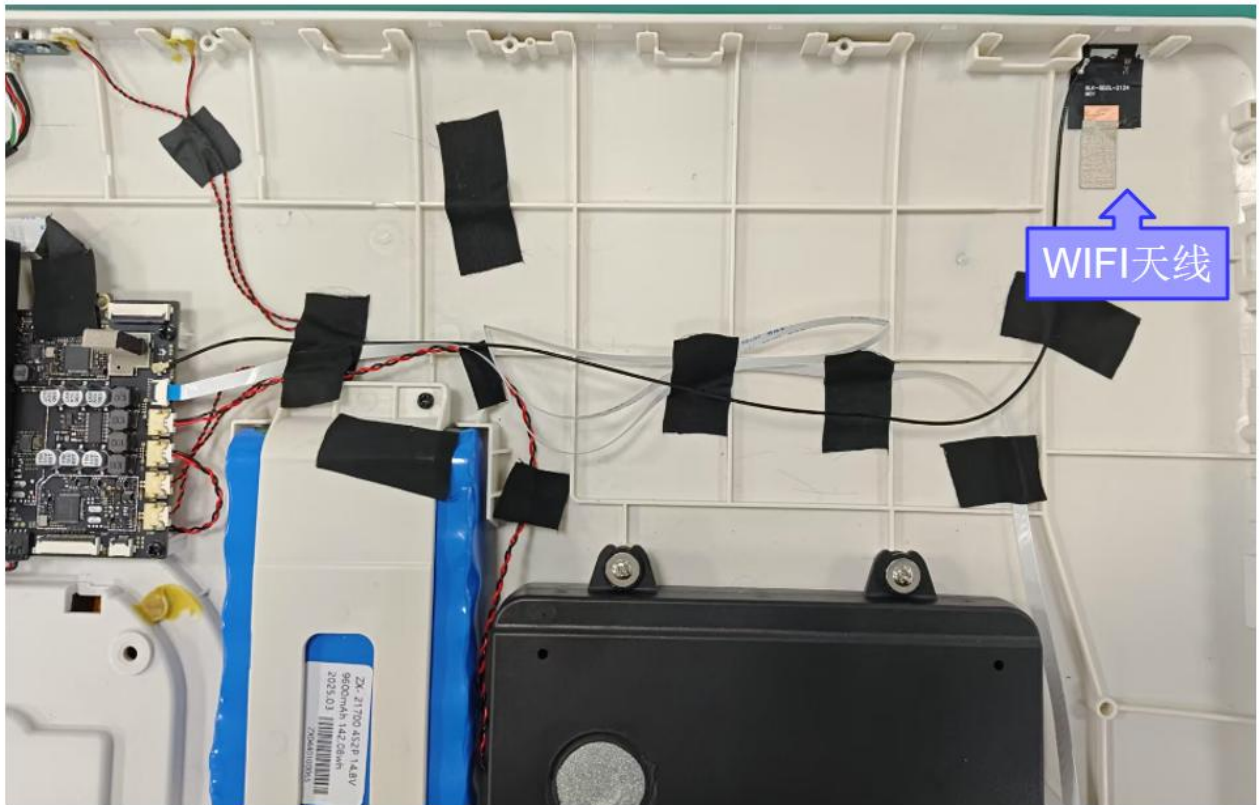
WiFi OTA Test Result

状态	制式		速率	测试项	CH	TRP(dBm)	TIS(dBm)
2.4G	WiFi 11b_TRP&TIS	2.4G 11b	TRP 11M	TRP/TIS(3D)	1	12.07	-79.37
			TIS 11M		6	12.38	-79.35
					11	12.39	-78.64
	WiFi 11g_TRP&TIS	2.4G 11g	TRP 54M	TRP/TIS(3D)	1	10.15	-68.57
			TIS 54M		6	10.21	-68.81
					11	10.16	-68.49
	WiFi 11n_TRP&TIS	2.4G 11n	TRP MCS 7	TRP/TIS(3D)	1	10.19	-65.27
			TIS MCS 7		6	10.15	-64.2
					11	10.32	-64.5
5.8G	WiFi 11a_TRP&TIS	5G 11a	TRP 54M	TRP/TIS(3D)	36	9.29	-71.59
			TIS 54M		149	10.2	-71.68
					165	10.43	-71.72

6. Antenna Dimensions (unit: mm)



7. Antenna Picture



红色框内
WiFi模块需
贴导电泡棉
与锌合金接
地处理。

