

深圳市亿圣邦科技有限公司
Shenzhen Yishengbang Technology Co., Ltd

样品承认书

SPECIFICATION FOR APPROVAL

公司名称 (客户填写): 东莞市艾普达科技有限公司
物料代码 (客户填写):
规格型号 (客户填写): N1081P0DA
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
供应商名称 (SLK 填写): WIFI:SLK-APD-1712-R-270IV-B

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			东莞市艾普达科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
刘顺	黄震	林美财			
盖章签署			盖章签署		
日 期	2024-06-17		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

Address: 101, Building C, Qianwan Hard Technology Industrial Park,
Bao'an District, Shenzhen, China

Phone: +86-18025305599

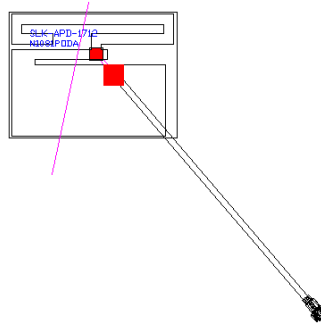
WIFI Antenna (1712)

1. Explanation of Product number :

S L K - A P D - 1 7 1 2 - R - 2 7 0 I V - B

1

2



Product Code:

(1) Customer:

APD: 艾普达

(2) Project:

1712: SLK-APD-1712 (WIFI antenna)

(3) Welding Position

R:Right

(4) Cable Length:

270IV: 270*1.13MM 四代端子

(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 (802.11 a/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.

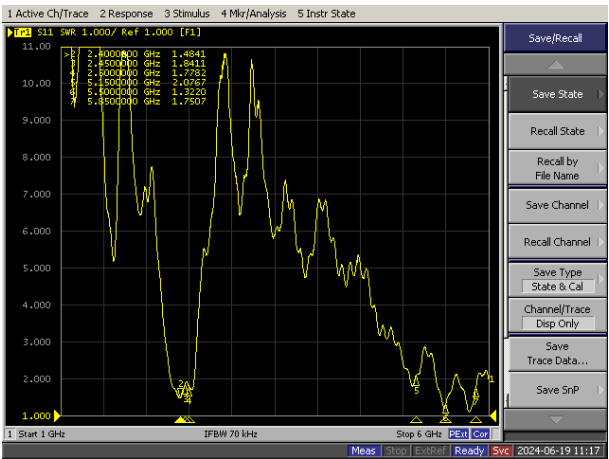
5. Electrical Specifications

5-1

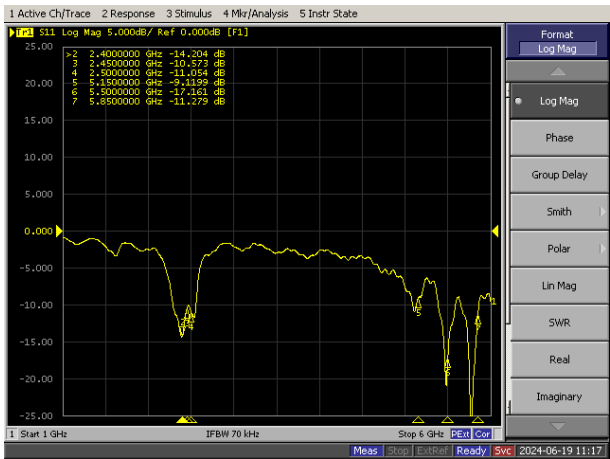
Characteristics	Specifications	Unit
Outline Dimensions	16.71x12.48x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.90	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



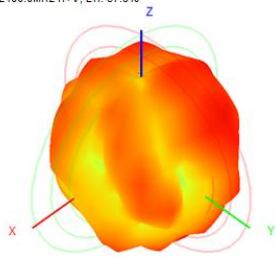
S11



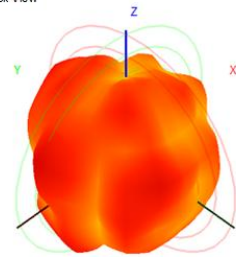
5-3. WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.20	1.21	37.94
2410	-4.16	1.27	38.35
2420	-3.97	1.78	40.06
2430	-4.12	1.57	38.72
2440	-4.04	1.50	39.36
2450	-4.17	1.08	38.25
2460	-3.75	1.67	42.13
2470	-4.25	1.83	37.51
2480	-4.38	1.93	36.40
2490	-4.22	1.95	37.79
2500	-4.24	1.84	37.59
5150	-4.36	1.93	36.57
5250	-4.33	2.22	36.86
5450	-3.88	2.03	40.88
5850	-3.81	2.24	41.56

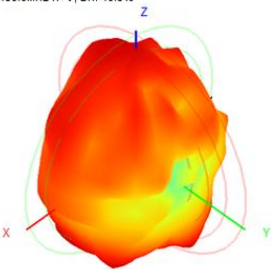
2400.0MHz H+V, Eff: 37.9%



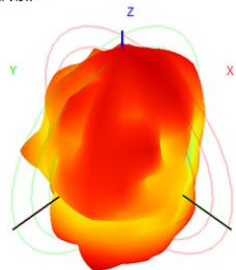
Back View



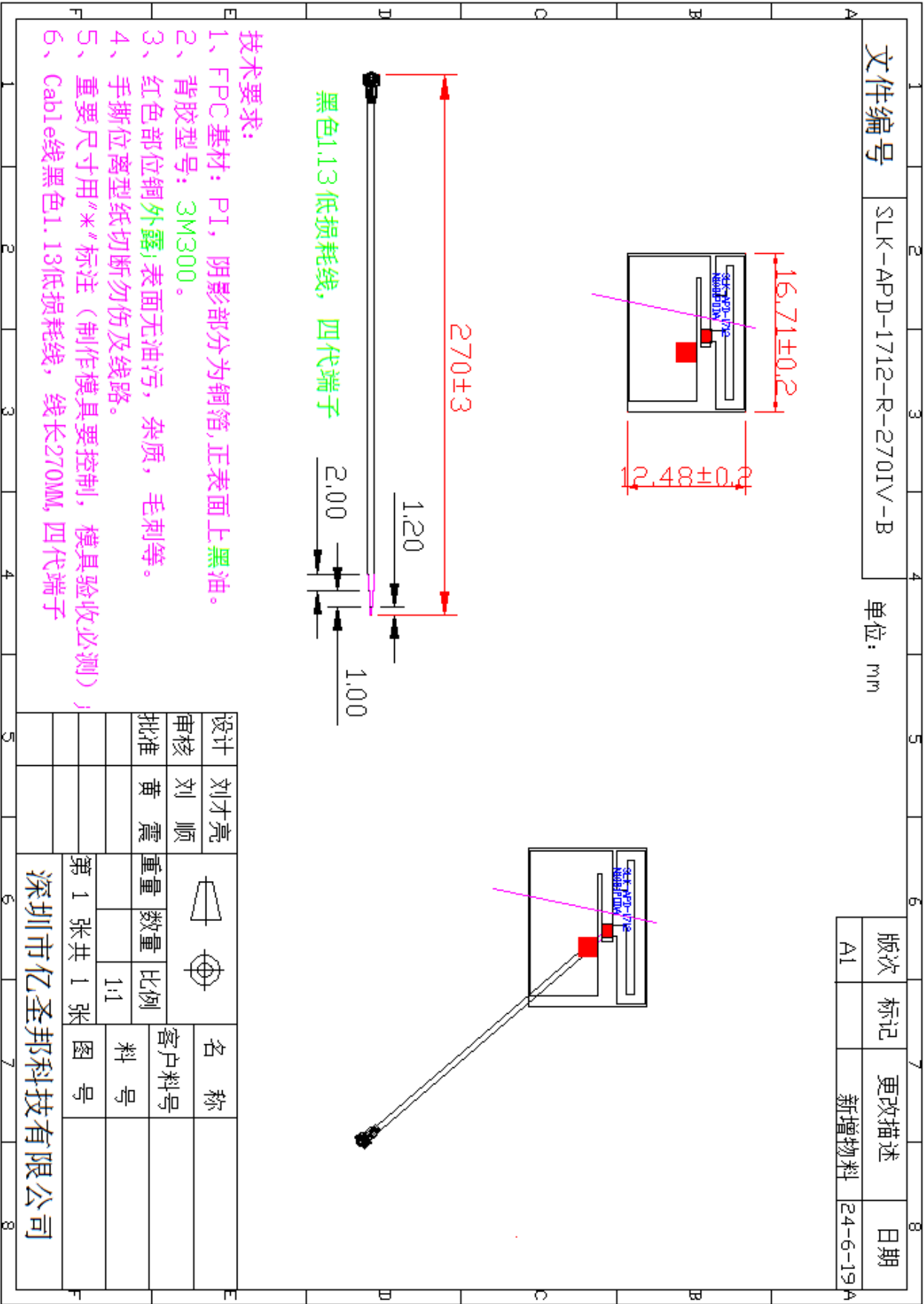
5450.0MHz H+V, Eff: 40.9%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

