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

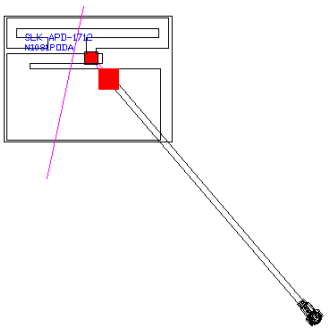
Phone: +86-18025305599

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.

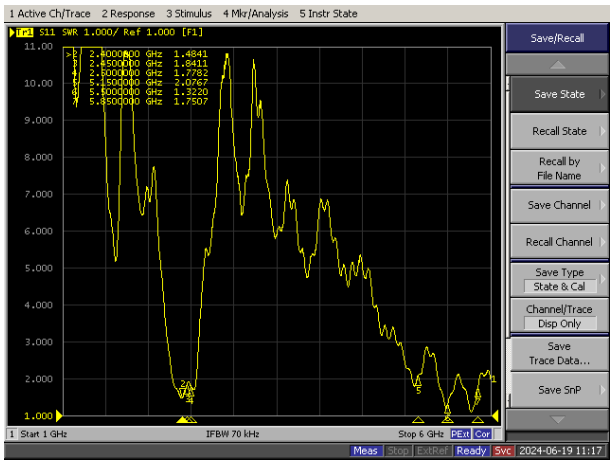
5. Electrical Specifications

5-1

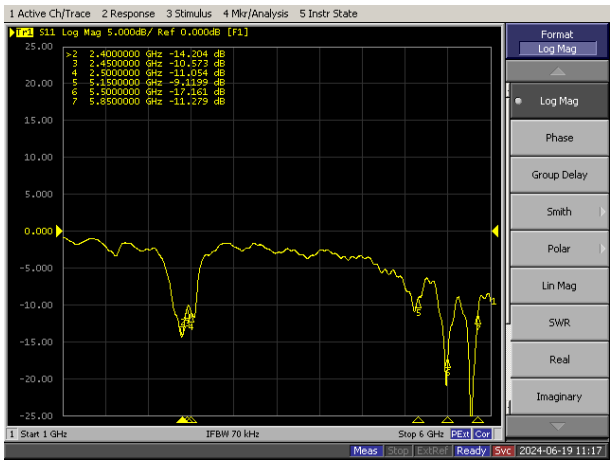
Characteristics	Specifications	Unit
Outline Dimensions	**16.71x12.48x 0.12**	**mm**
Center Frequency	**2.4-2.5+5.15-5.90**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

5-2.

VSWR

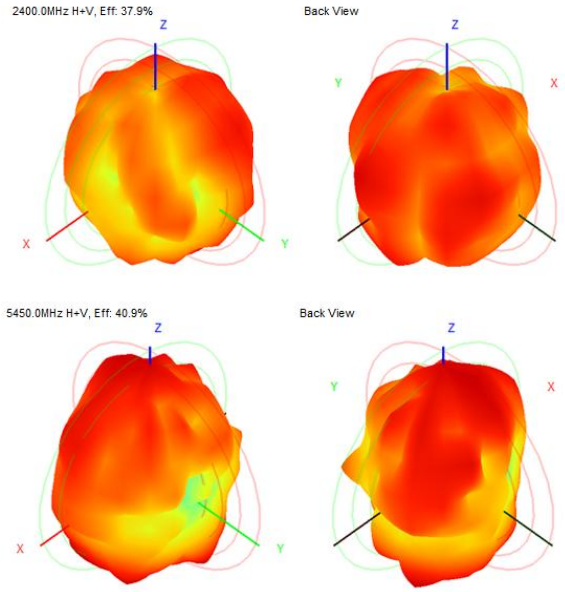


S11

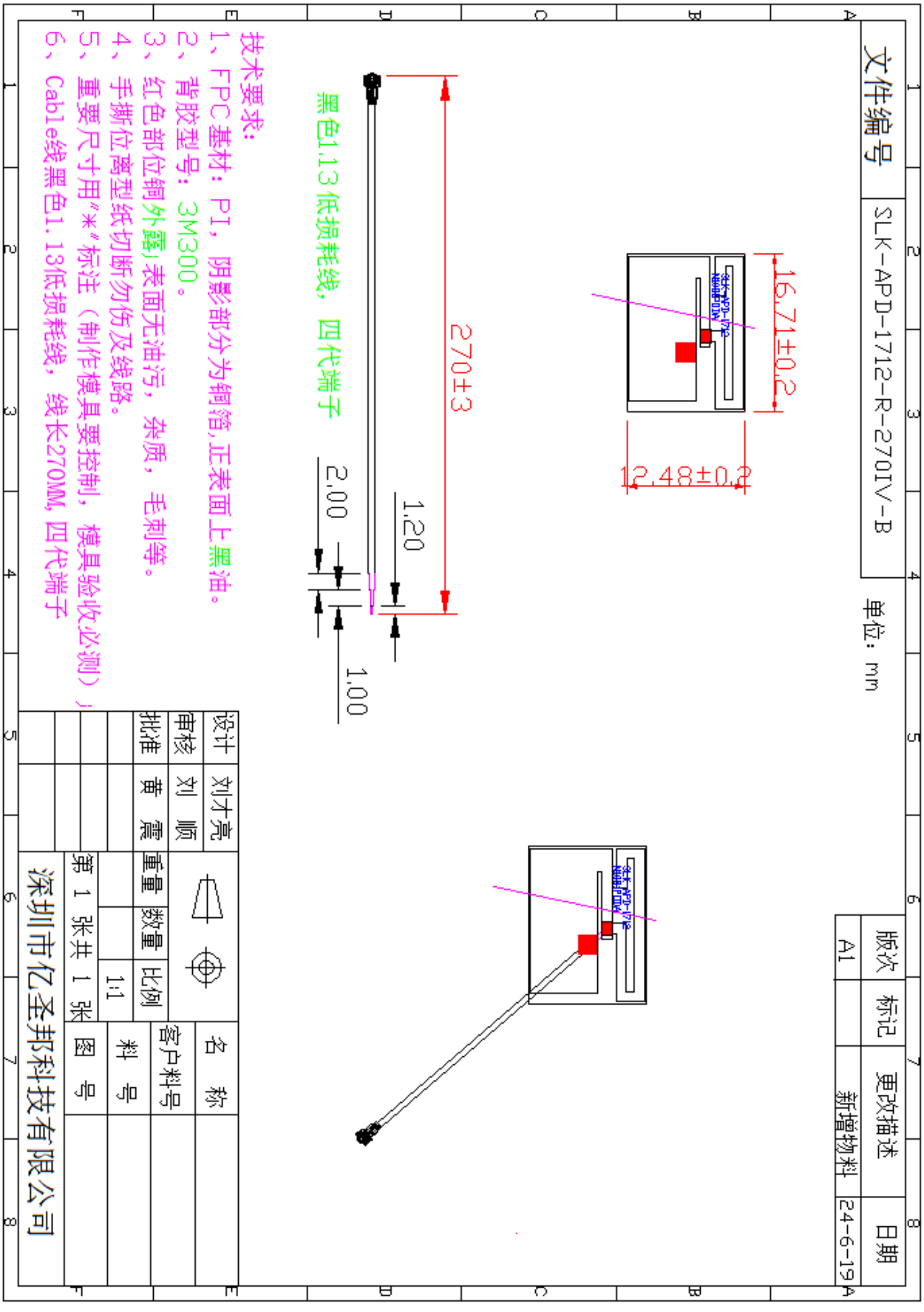


5-3. WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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



6. Antenna Dimensions (unit: mm)



7. Antenna Picture