

深圳市亿圣邦科技有限公司
The Holy bond Electronics Co., Ltd.
样 品 承 认 书

SPECIFICATION FOR APPROVAL

公 司 名 称 (客户填写) : 深圳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) : T8085P0LA
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+GPS:SLK-APD-1712H

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳市艾普达科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日 期 2025-12-27			日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

The Holy bond Electronics Co., Ltd.
Address: 101, Building C, Shenzhen Qianwan Hard Science and Technology Industrial Park,
Nanchang Community, Xixiang Street, Bao 'an District, Shenzhen, China

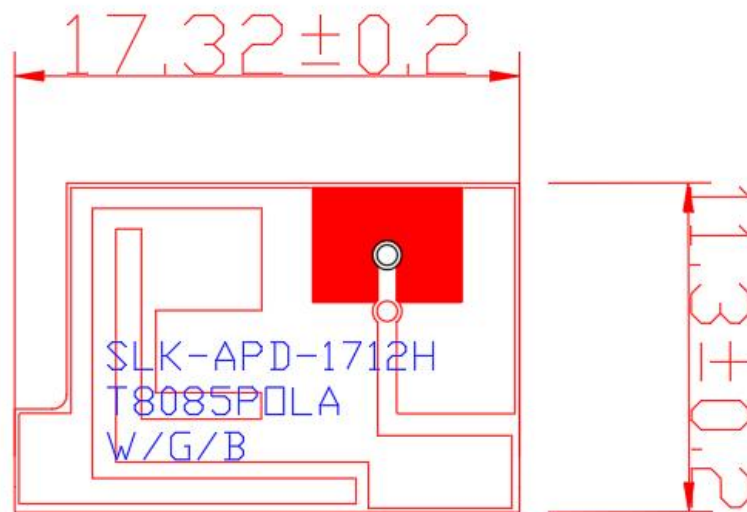
WIFI+GPS Antenna (1 7 1 2 H)

1. Explanation of Product number :

S L K - A P D - 1 7 1 2 H

1

2



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

1712H: SLK-1712H (WiFi+GPS antenna)

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)GPS functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/b/g/n) GPS 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

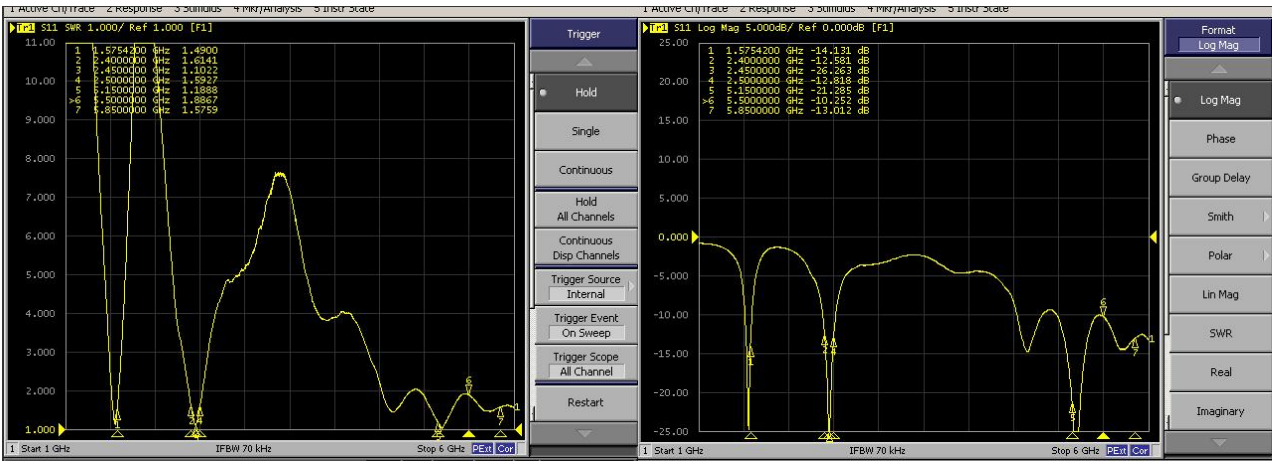
5-1

Characteristics	Specifications	Unit
Outline Dimensions	17.32x 11.3x 0.12	mm
Center Frequency	1.575+2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	50min	MHz
VSWR	3max	

5-2.

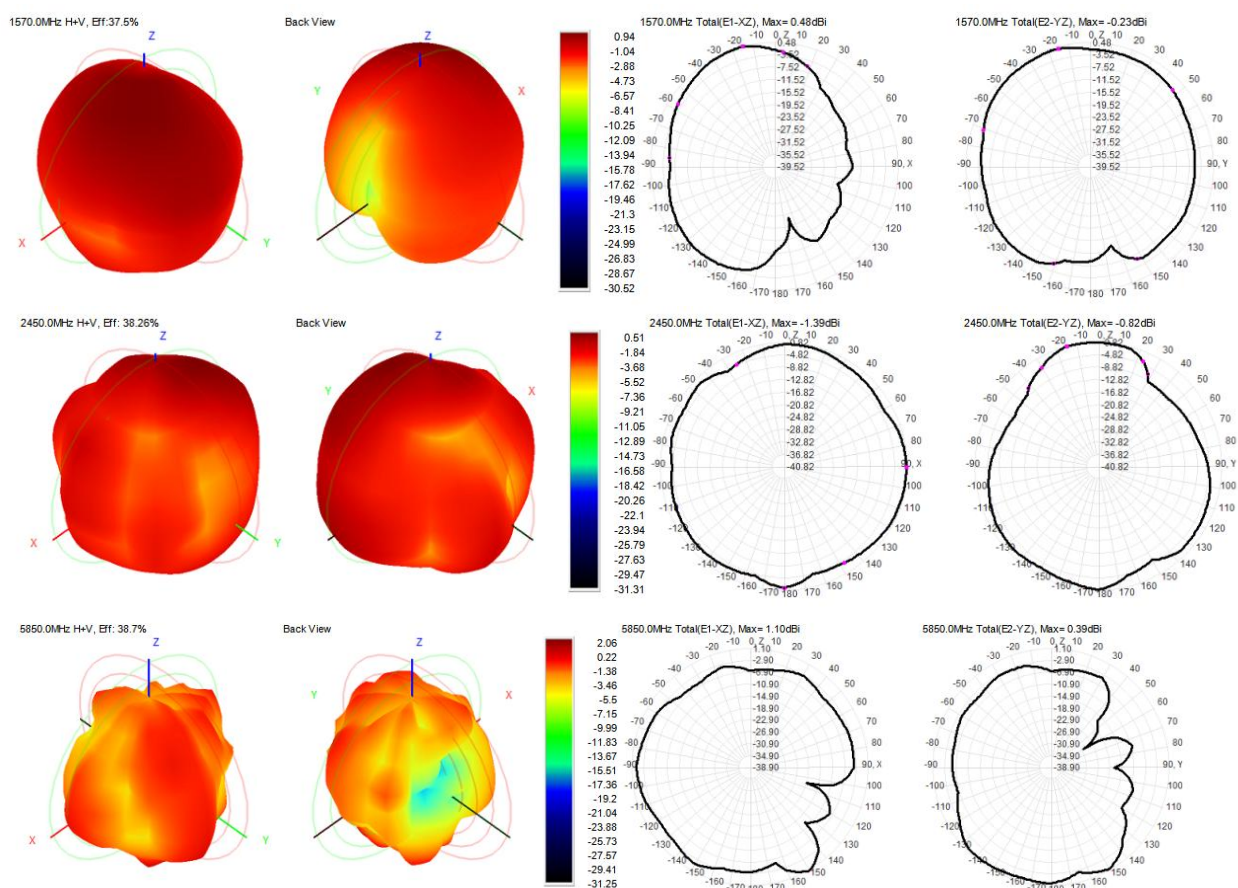
VSWR

S11

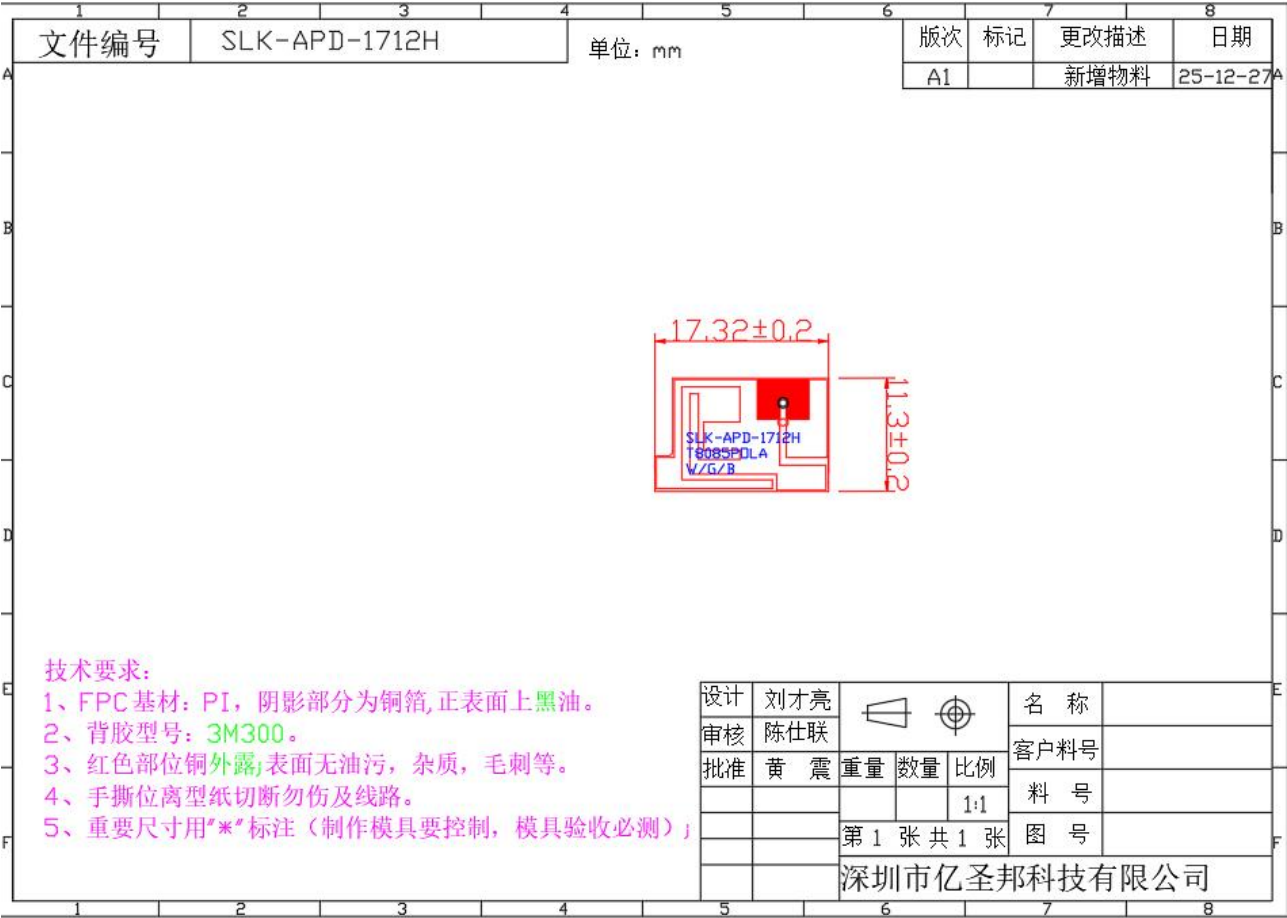


5-3.WIFI +GPS Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-4.26	0.94	37.48
1575.0	-4.09	1.02	39.01
1580.0	-4.30	0.92	37.16
2400.0	-4.28	0.61	37.36
2410.0	-4.18	0.73	38.20
2420.0	-4.19	0.52	38.07
2430.0	-4.04	0.67	39.49
2440.0	-4.02	0.77	39.61
2450.0	-4.17	0.51	38.26
2460.0	-4.27	0.21	37.37
2470.0	-4.19	0.37	38.13
2480.0	-4.29	0.34	37.27
2490.0	-4.04	0.49	39.42
2500.0	-4.14	0.41	38.56
5150.0	-3.33	2.12	46.42
5350.0	-3.07	2.19	49.35
5550.0	-4.23	2.07	37.76
5750.0	-3.76	1.49	42.12
5850.0	-4.13	2.06	38.68



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

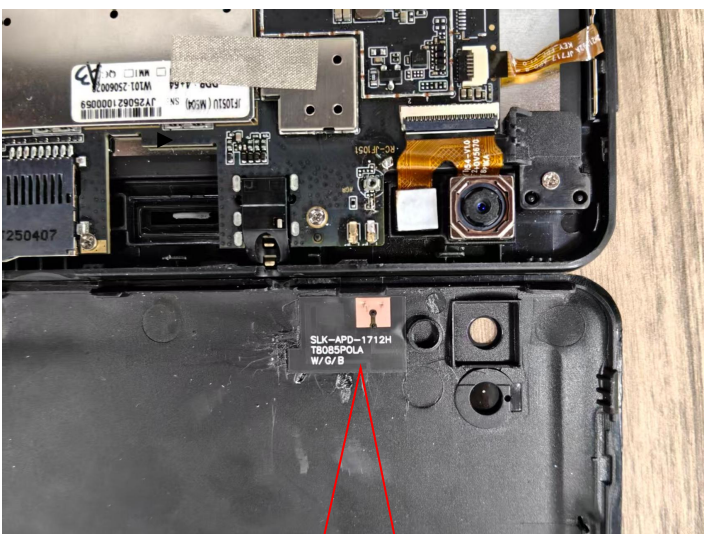
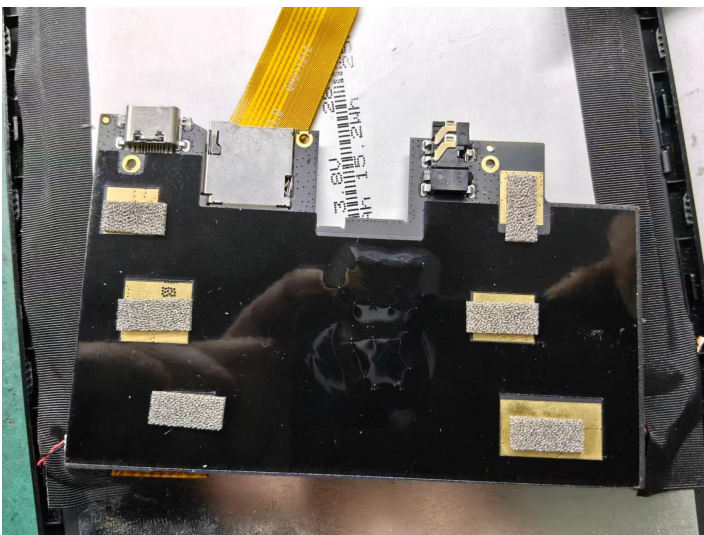


如图所示:

1. 在主板屏蔽罩贴一块导电布拉到屏接地处理.

2. 屏排线贴一块导电布包起来屏蔽干扰处理

3. 主板底部漏铜区贴 6 块导电海绵与屏接地处理。



WIFI/GPS 天线