

深圳市亿圣邦科技有限公司
Shenzhen Yisheng Technology Co., Ltd.
样品承认书

SPECIFICATION FOR APPROVAL

公司名称: 深圳市艾普达电子有限公司
物料代码: _____
规格型号: T1285M1ET
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-APD-2517C3-L-100III-B-0.81](#)

承认签章

供 应 商 承 认			深圳市艾普达电子有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
詹裕昌	黄震	林美财			
盖章签署			盖章签署		
日 期			日 期		
2025-08-02					
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

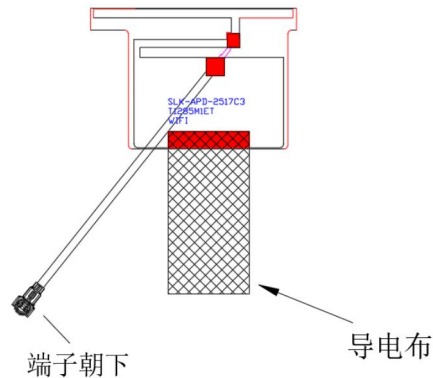
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Shenzhen, China
Phone: +86-18666299104

WIFI Antenna (2517C3)

1. Explanation of Product number :

S L K - A P D - 2 5 1 7 C 3 - L - 1 0 0 I I I - B - 0 . 8 1

1 2 3 4 5



Product Code:

(1) Customer:

APD: 艾普达

(2) Project:

2517C3: SLK-APD-2517C3 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

100III: 100*0.81MM 三代端子

(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.

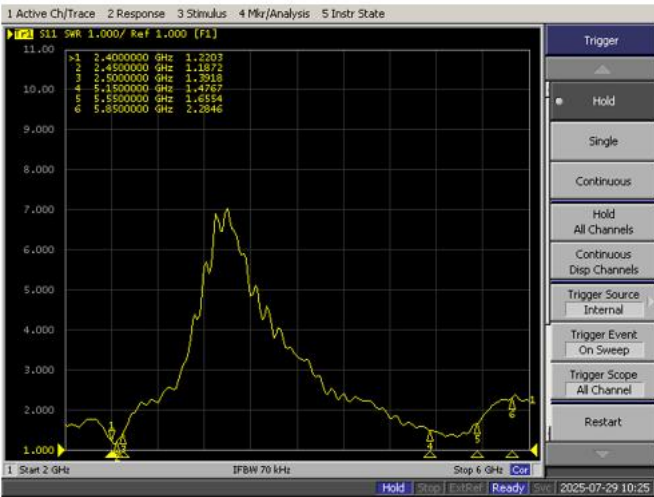
5. Electrical Specifications

5-1

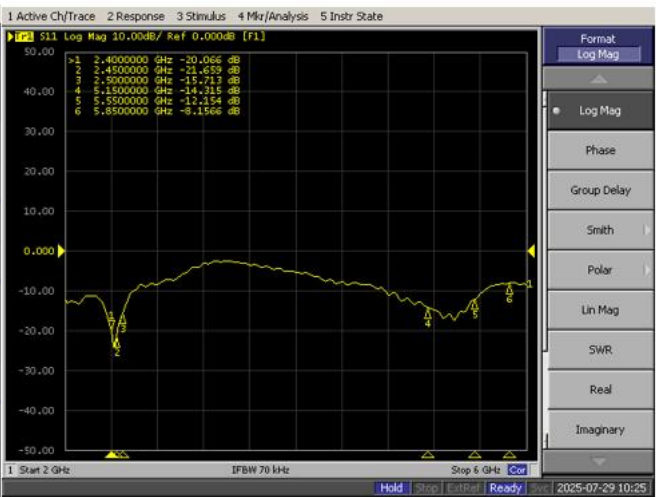
Characteristics	Specifications	Unit
Outline Dimensions	25.36x17.34x 0.12	mm
Center Frequency	2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

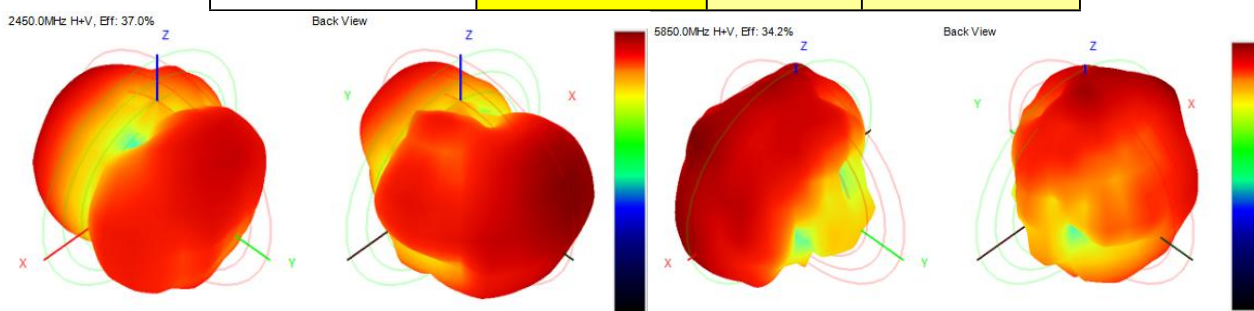


S11



5-3.WIFI Antenna Gain/Efficiency/3D DATE

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.60	1.16	34.64
2410.0	-4.51	1.28	35.38
2420.0	-4.46	1.18	35.81
2430.0	-4.38	1.13	36.44
2440.0	-4.34	1.25	36.82
2450.0	-4.32	1.52	37.02
2460.0	-4.47	1.55	35.75
2470.0	-4.40	1.61	36.28
2480.0	-4.34	1.52	36.80
2490.0	-4.34	1.63	36.80
2500.0	-4.45	1.58	35.88
5150.0	-5.15	2.33	30.54
5350.0	-5.07	1.52	31.11
5550.0	-5.15	2.09	30.57
5750.0	-4.69	2.11	34.00
5850.0	-4.66	2.04	34.22



5-4.WIFI Signal strength test



室内测试2.4G十米范围信号强度-40dBm



室内测试5G十米范围信号强度-45dBm

Technical drawing of a cable assembly, showing dimensions and labels in Chinese.

Dimensions:

- Top view: 25.36±0.2, 17.34±0.2, 100±3, 1.20, 2.00, 1.60
- Side view: 18.5, 5, 3, 5, 20.00, 10.00

Labels:

- 加0.2mm 补强 PET (Add 0.2mm reinforcement PET)
- 导电海棉: 18*5*3 (Conductive sponge: 18*5*3)
- 单面背胶 (Single-sided adhesive)
- 导电布: 10*20 (Conductive cloth: 10*20)
- 端子朝下 (Terminal facing down)
- 导电布 (Conductive cloth)

Technical Requirements:

- 1、FPC基材: PI, 阴影部分为铜箔,正表面上黑油。
- 2、背胶型号: 3M300。
- 3、红色部位铜外露,表面无油污,杂质,毛刺等。
- 4、手撕位离型纸切断勿伤及线路。
- 5、重要尺寸用"※"标注(制作模具要控制,模具验收必测);
- 6、Cable线黑色0.81线,线长100MM 三代端子。

7. Antenna Picture



WIFI天线



如图红框所示：
红框内贴导电
泡棉与主板露
铜接地处理！

