

深圳市亿圣邦科技有限公司
The Holybond Electronics 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: T1385P1WT
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: W/G/B: SLK-APD-6019HV4-R-250IV-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	2025-12-05		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

The Holybond Electronics Co., Ltd.

Addr: Room 101, Building C, Shenzhen Hard Technology Industrial Park, Bao'an District,
Shenzhen, China

Phone: +86-18025305599

W/G/B Antenna (6019HV4)

1. Explanation of Product number :

S L K - A P D - 6 0 1 9 H V 4 - R - 2 5 0 I V - B - 0 . 8 1

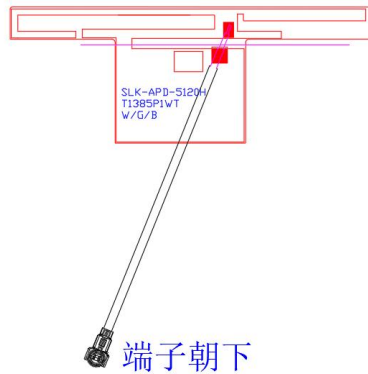
1

2

3

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5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

6019HV4: SLK-APD-6019HV4 (W/G/B antenna)

(3) Welding Position

R:Right

(4) Cable Length:

250IV: 250*0.81MM 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 W/G/B (802.11a/b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for W/G/B (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.

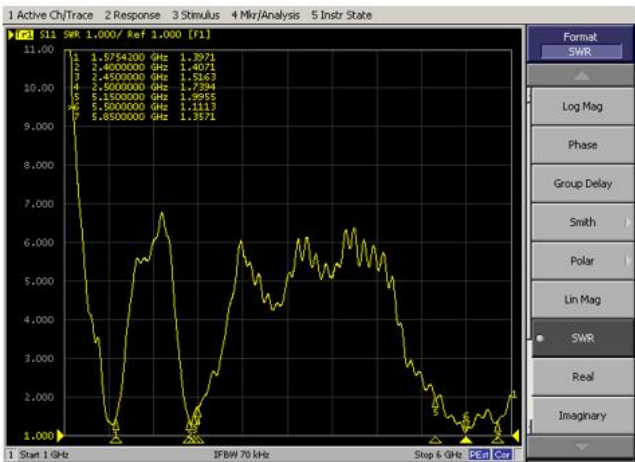
5. Electrical Specifications

5-1

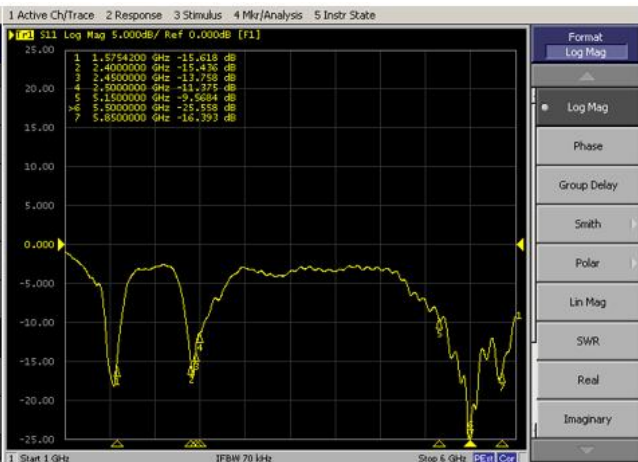
Characteristics	Specifications	Unit
Outline Dimensions	59.95x19.13x 0.12	mm
Center Frequency	1.575/2.4-2.5/5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

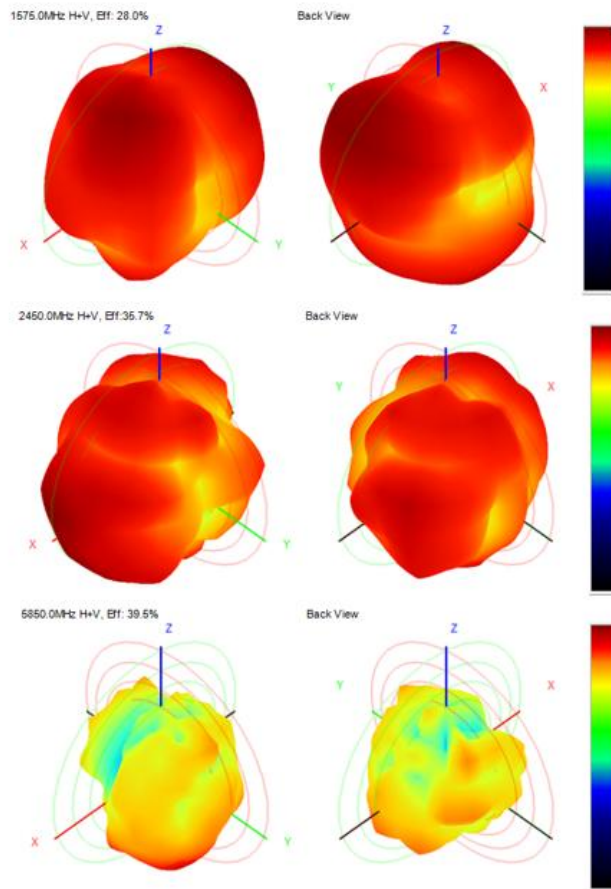


S11

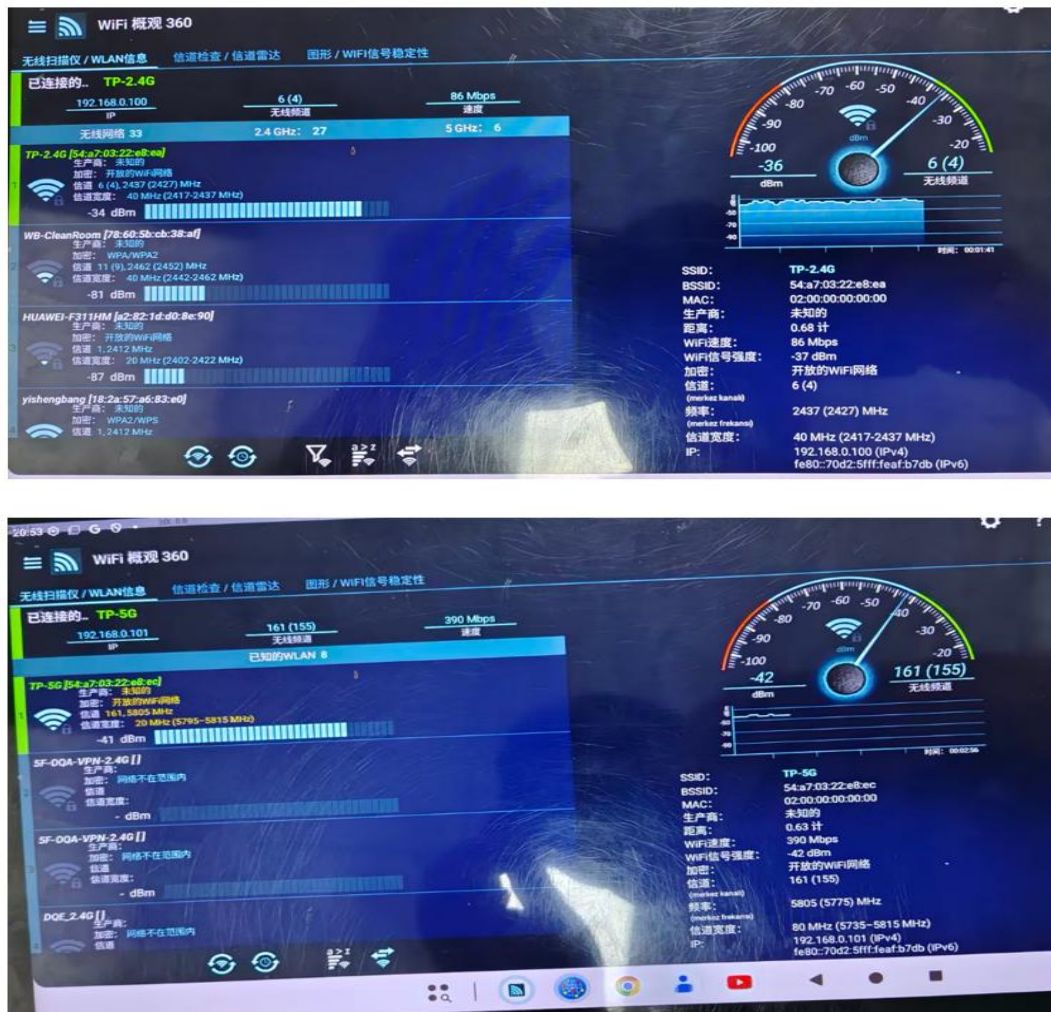


5-3.WIFI+GPS Antenna Gain/Efficiency/3D DATE

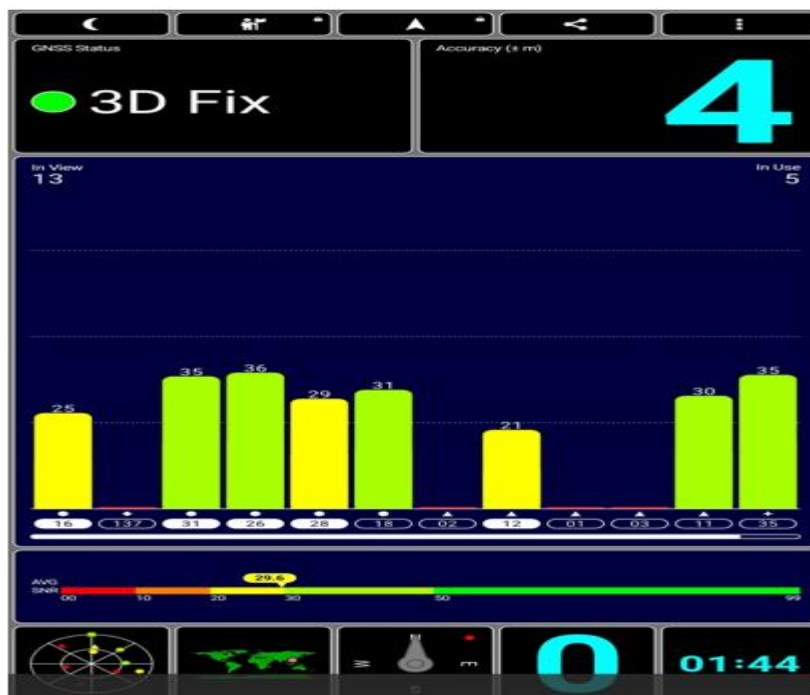
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-5.34	1.05	29.27
1575.0	-5.54	1.06	27.95
1580.0	-5.47	0.92	28.39
2400.0	-4.48	0.81	35.66
2410.0	-4.34	0.94	36.80
2420.0	-4.28	1.55	37.32
2430.0	-4.38	1.53	36.49
2440.0	-4.39	1.57	36.39
2450.0	-4.47	1.56	35.72
2460.0	-4.18	1.63	38.17
2470.0	-4.53	1.41	35.21
2480.0	-4.45	1.36	35.91
2490.0	-4.37	1.34	36.55
2500.0	-4.55	1.18	35.05
5150.0	-4.66	1.27	34.20
5350.0	-4.30	2.11	37.17
5550.0	-4.45	2.68	35.87
5750.0	-4.10	2.58	38.87
5850.0	-4.04	2.10	39.45



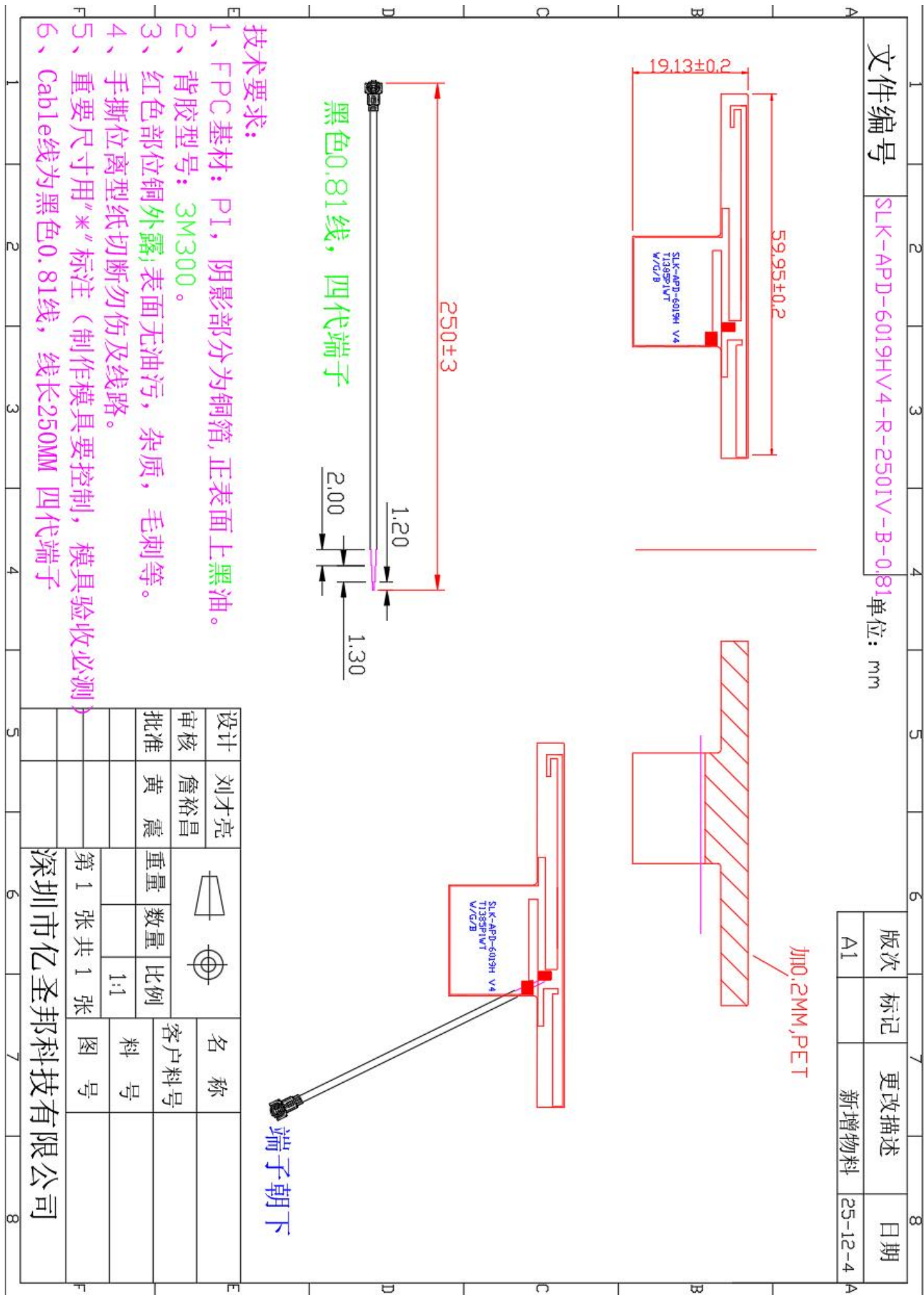
5-4.WIFI throughput test



5-6.GPS practical Test



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



如图红框所示：
红框内贴导电
泡棉与主板露
铜接地处理！

深圳市亿圣邦科技有限公司

