

深圳市亿圣邦科技有限公司

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): T8085PILA

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 MAIN:SLK-APD-1413C

承 认 签 章

供 应 商 承 认			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
曾立文	黄 震	林美财			
盖章签署			盖章签署		
日 期 2023-07-24			日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

Company Shenzhen Yishengbang Technology Co., Ltd

Address: Room 101, Building C, Shenzhen Qianwan Hard Technology
Industrial Park, Nanchang Community, Xixiang Street, Bao'an
District, Shenzhen, China

电 话: 0769-82553115

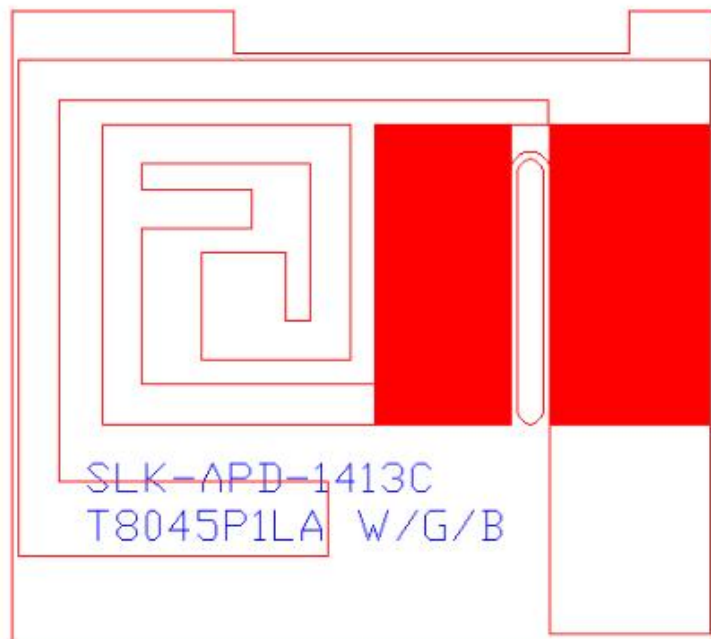
传 真: 0769-82553116

W/G/B Antenna (1413C)

1. Explanation of Product number :

S L K - A P D - 1 4 1 3 C

1 2 3 4 5



Product Code:

(1) Customer:

APD:艾普达

(2) Project:

1413C: SLK-APD-1413C(WIFI/GPS antenna 1.575~GHz 5~5.85GHz)

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 External 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 External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

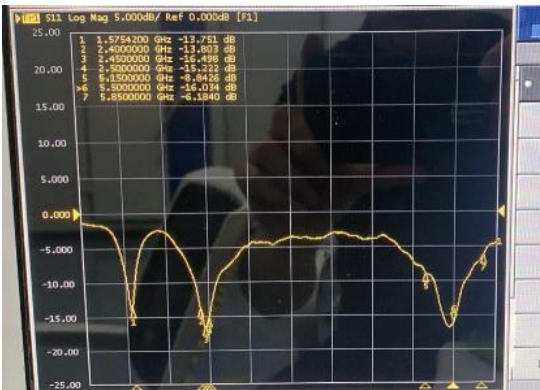
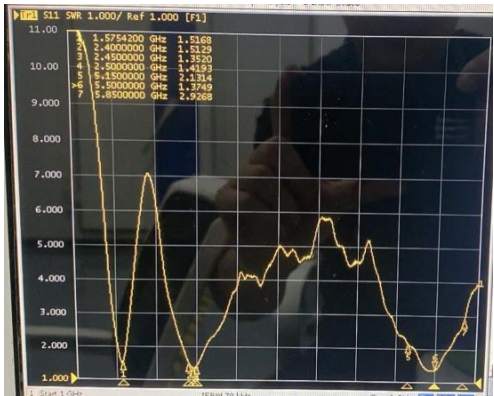
5-1

Characteristics	Specifications	Unit
Outline Dimensions	32.22*22.23*0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2

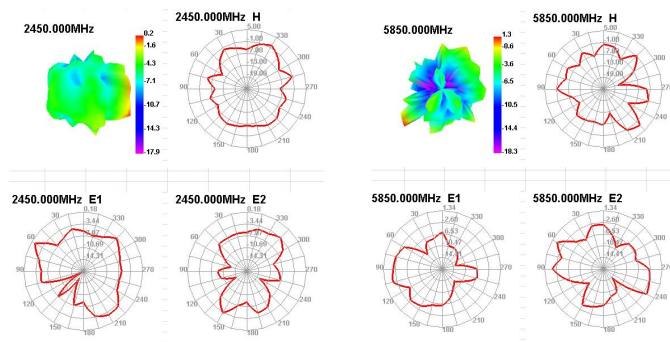
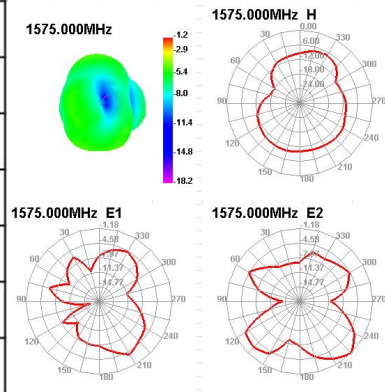
VSWR

S11

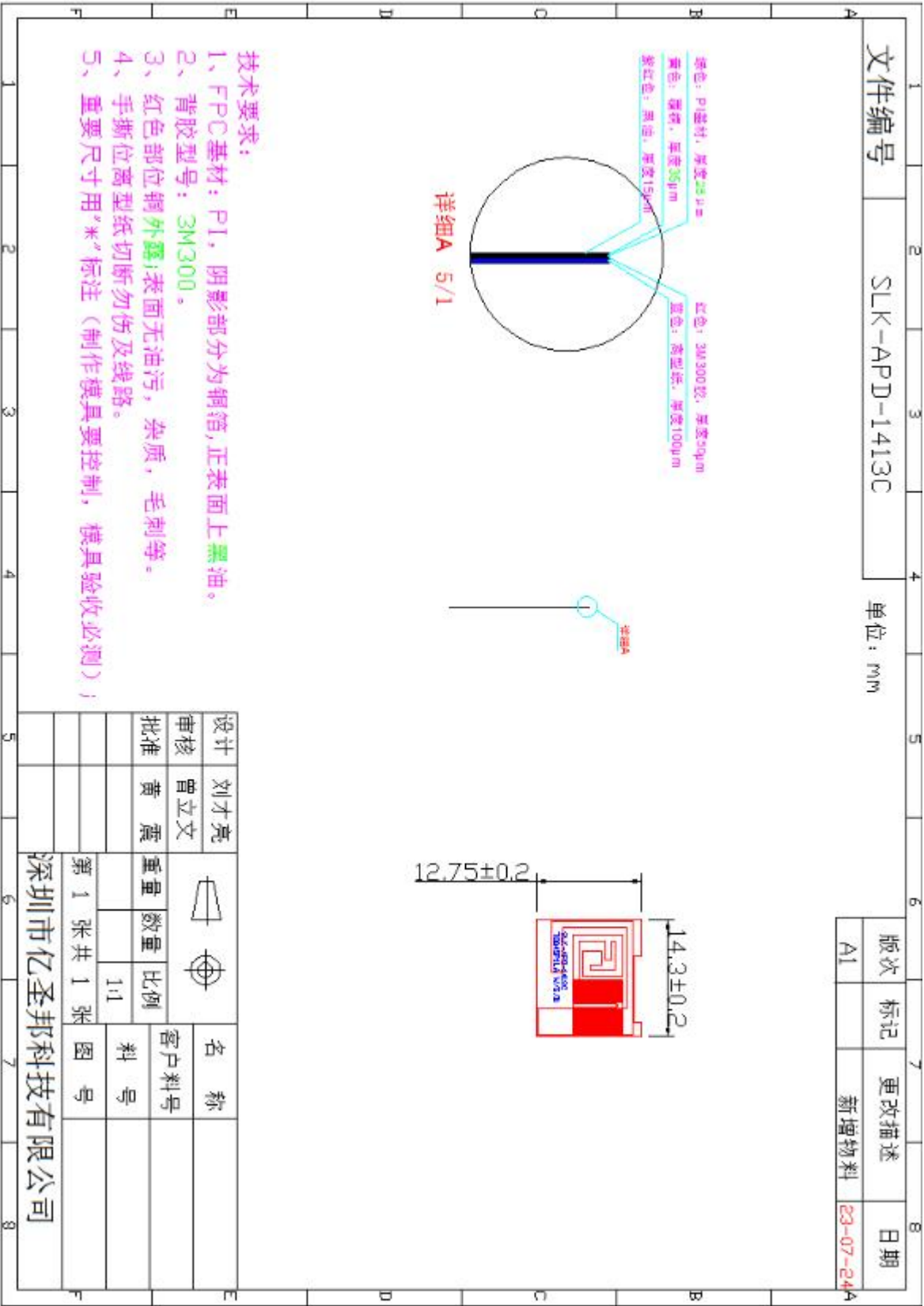


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency(MHz)	Efficiency (%)	Average Gain(dB)	Peak GAIN (dBi)
1570	38.25	-4.17	1.3
1575	39.86	-4	1.21
1580	40.32	-3.94	1.2
2400	32.64	-4.86	2.1
2410	32.88	-4.83	2.4
2420	32.96	-4.82	2.8
2430	35.02	-4.56	2.6
2440	35.96	-4.44	2.56
2450	36.4	-4.39	2.42
2460	37.84	-4.22	2.2
2470	39.48	-4.04	2.2
2480	39.04	-4.08	2.1
2490	36.96	-4.32	2.15
2500	38.98	-4.09	-2.1
5150	26.07	-5.84	-1.89
5250	26.88	-5.71	-1.82
5350	27.64	-5.58	-1.92
5470	30.09	-5.22	-1.64
5600	31.57	-5.01	-1.41
5700	30.58	-5.15	-1.82
5800	30.41	-5.17	-1.6
5850	31.33	-5.04	-1.63



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



W/G/B 天线