

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): T1485PLEP

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

供应商规格型号 (SLK 填写): WIFI/BT:SLK-APD-2916-L-35IV-B

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

2023-08-19

日

期

批示: ☐接受 ☐有条件接受

备注 (ZX 填写):

供应商名称: 深圳市亿圣邦科技有限公司

供应商地址: 东莞市塘厦镇蛟乙塘银园街 5 号厂房 2 楼

电话: 0755-29470882

传真: 0755-29163512

WIFI Antenna (2916)

1. Explanation of Product number :

S L K - A P D - 2 9 1 6 - L - 3 5 I V - B

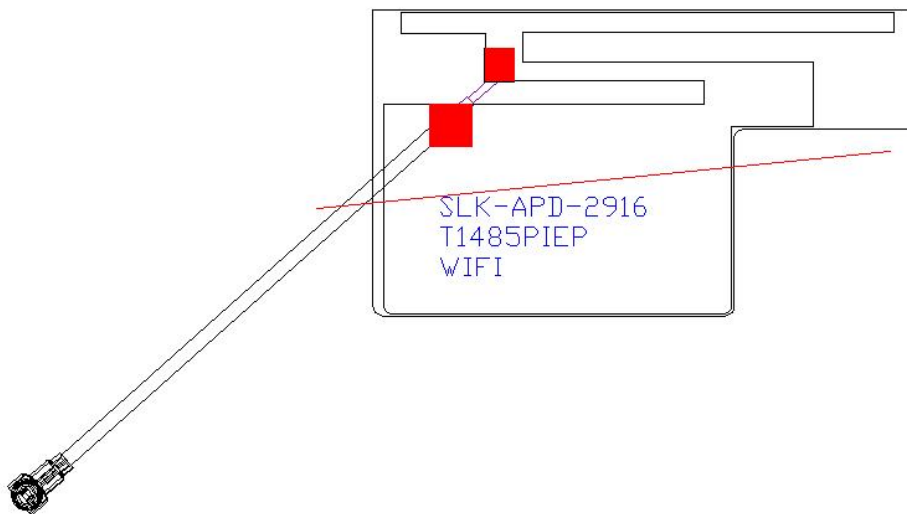
1

2

3

4

5



Product Code:

(1) Customer:

APD: 艾普达

(2) Project:

2916: SLK-2916 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

35IV: 35IV*0.81MM

(5) Cable Color

B: Black

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)
- * Hand-held devices when WIFI (802.11 b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 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

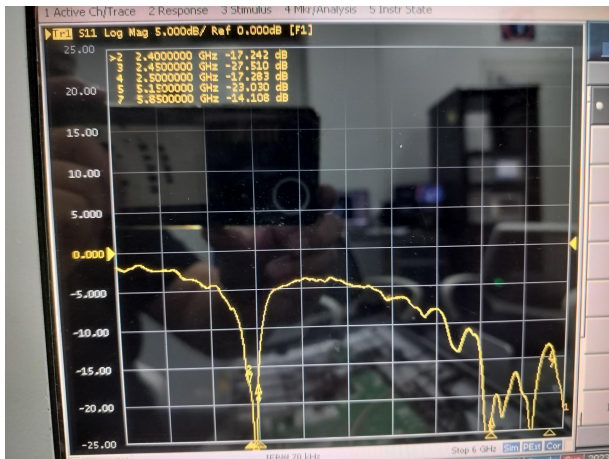
Characteristics	Specifications	Unit
Outline Dimensions	28.82x 16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR

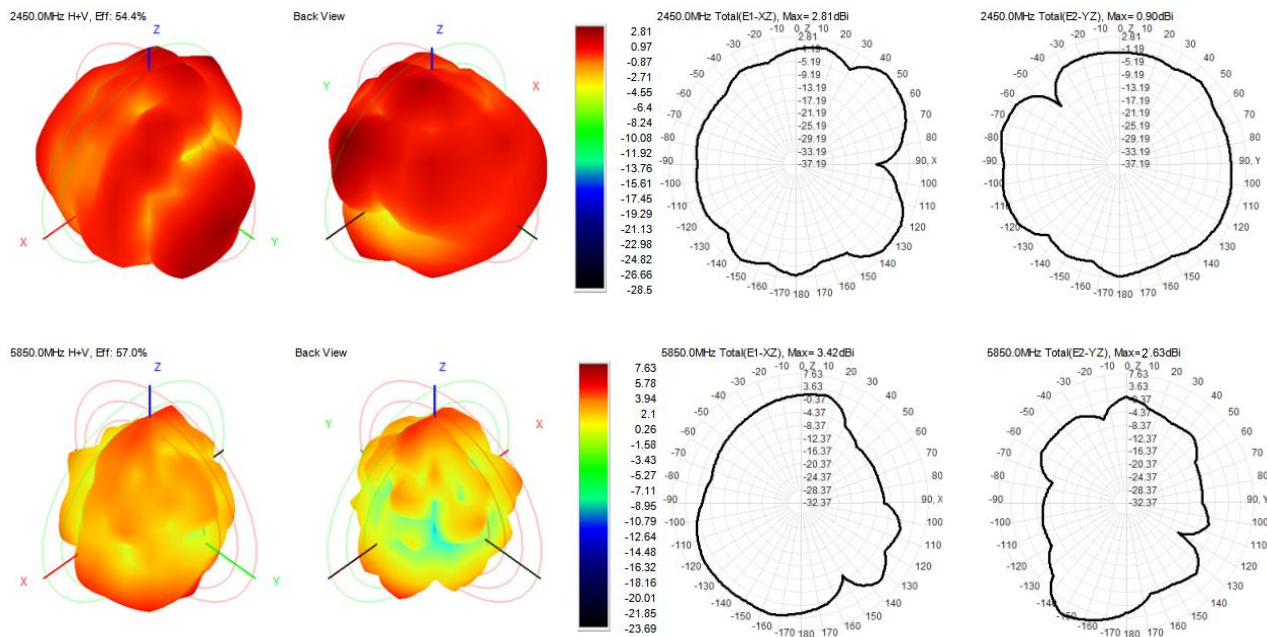


S11

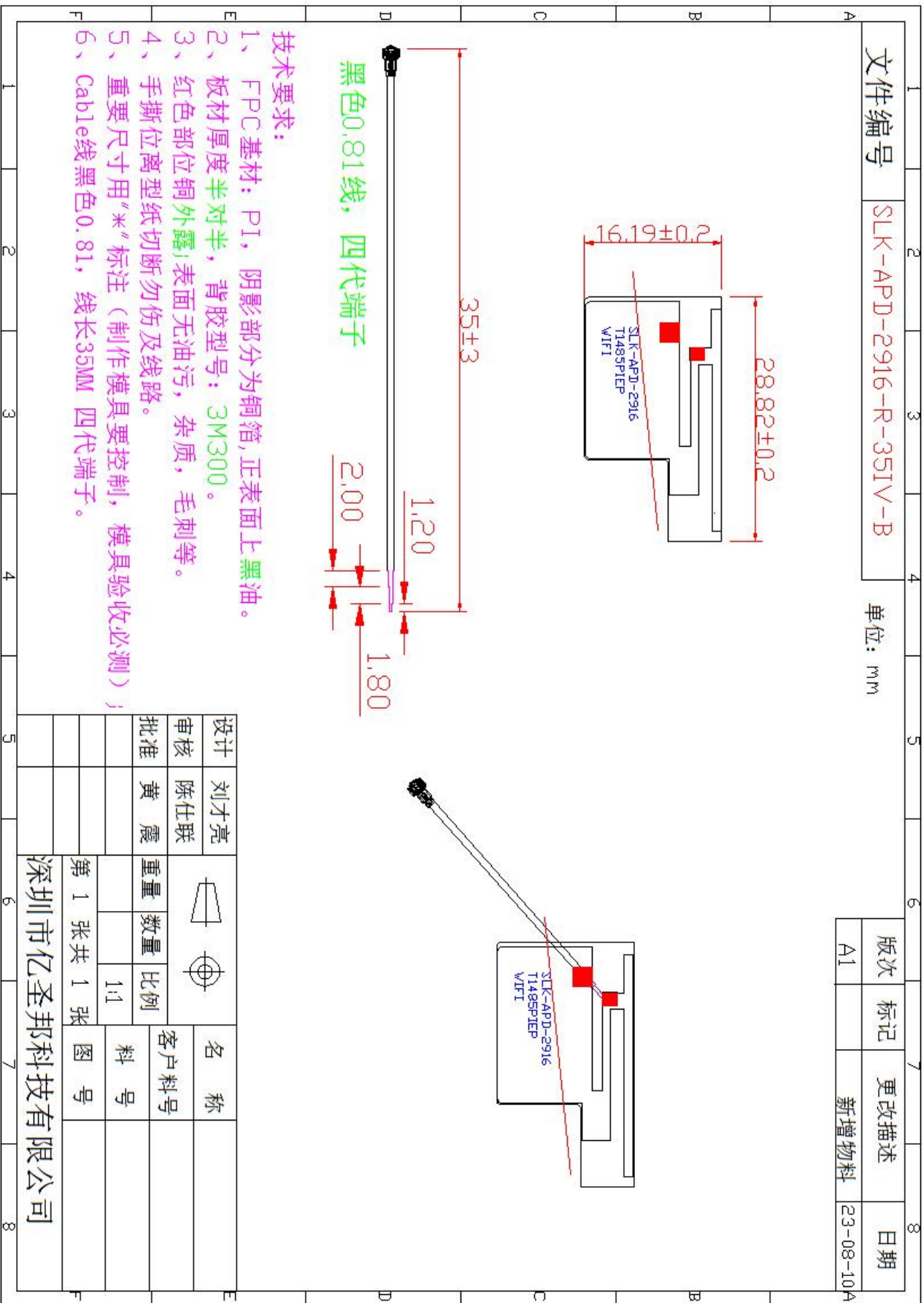


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

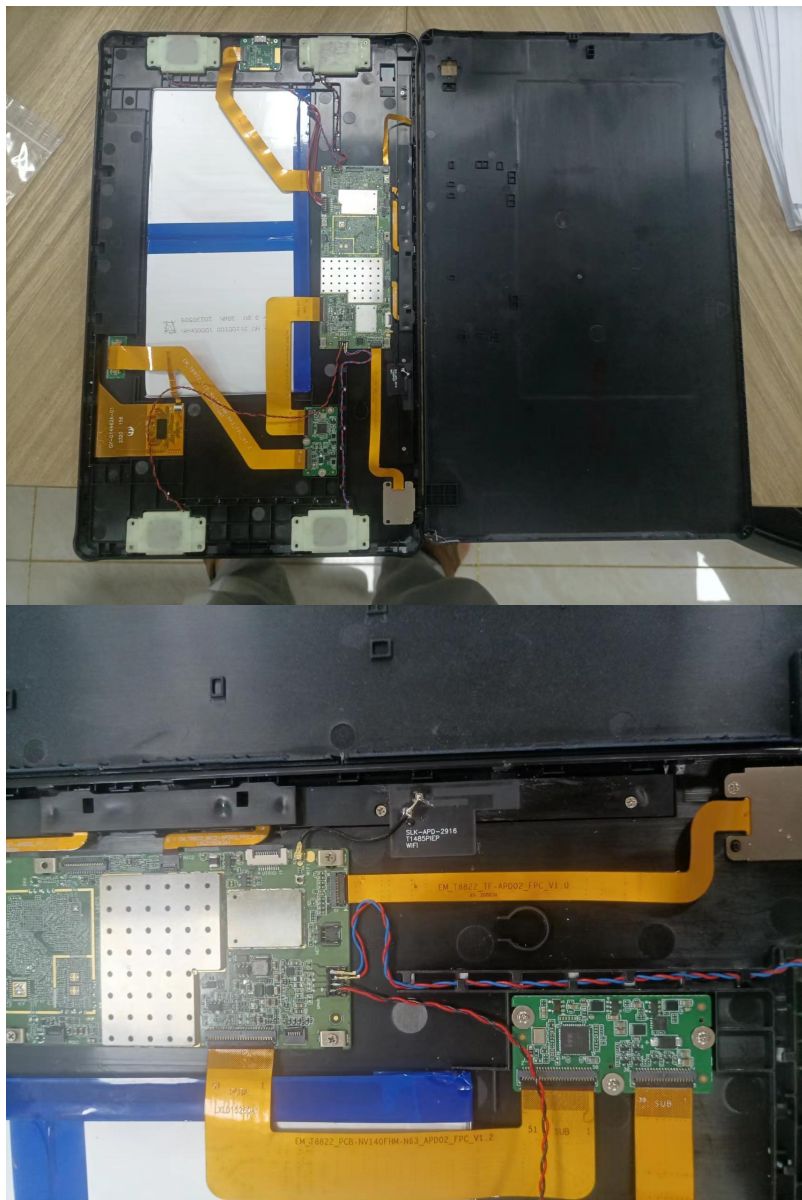
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.09	1.88	49.14
2410.0	-2.87	2.29	51.64
2420.0	-2.62	2.67	54.74
2430.0	-2.54	2.72	55.77
2440.0	-2.62	2.72	54.73
2450.0	-2.64	2.81	54.43
2460.0	-2.39	2.01	57.69
2470.0	-2.73	2.61	53.38
2480.0	-2.70	2.47	53.70
2490.0	-2.76	2.13	52.91
2500.0	-2.85	2.17	51.89
5150.0	-2.68	2.16	53.89
5350.0	-3.00	2.49	50.10
5550.0	-2.67	2.57	54.10
5750.0	-2.12	2.74	61.42
5850.0	-2.44	3.42	56.96



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 天线