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	2023-08-10		日　　期		
			批示：　☐接受　☐有条件接受		
备注（ZX 填写）：					

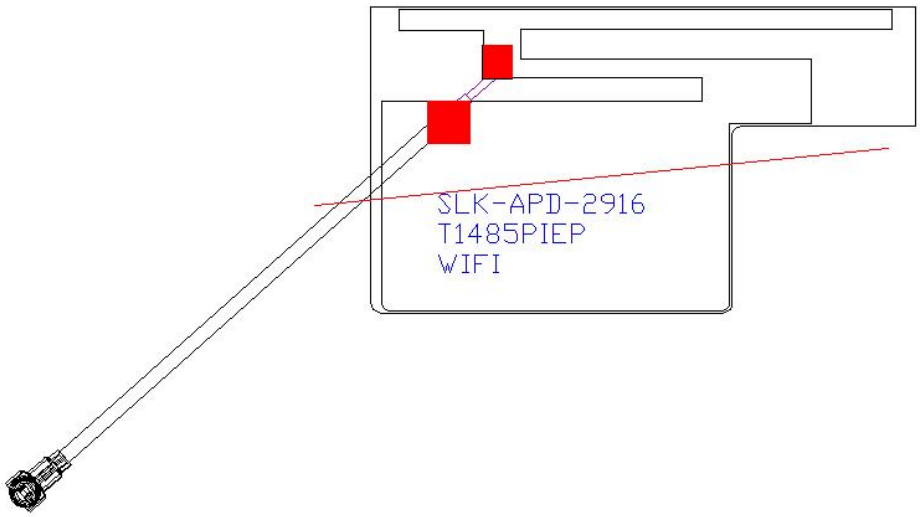
供应商名称:深圳市亿圣邦科技有限公司
供应商地址: 东莞市塘厦镇蛟乙塘银园街 5 号厂房 2 楼
电　　话：0755-29470882　　传　　真：0755-29163512

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

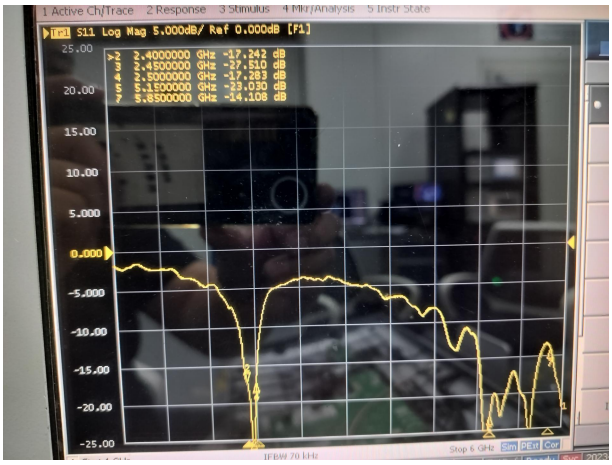
5-1

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.

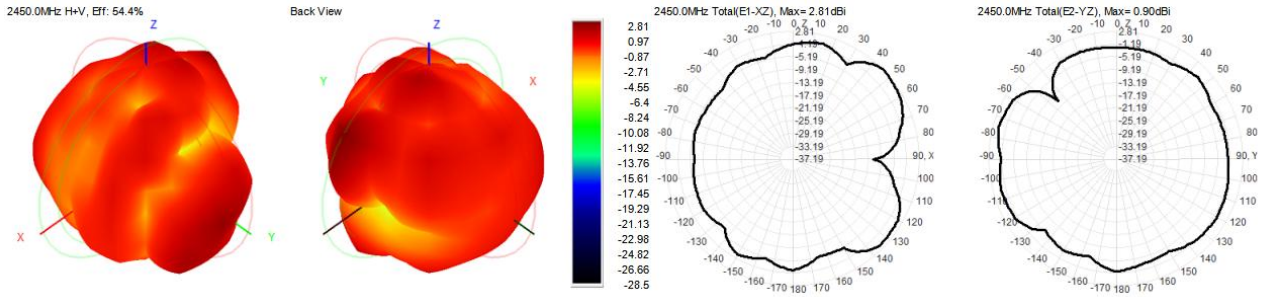
VSWR

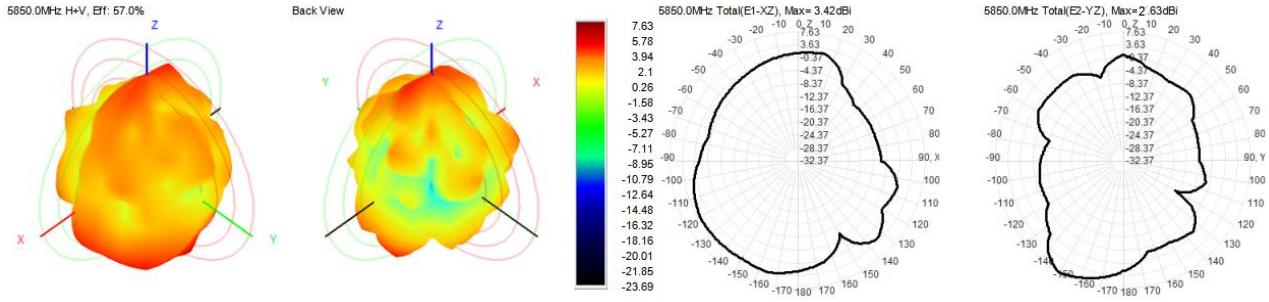
S11



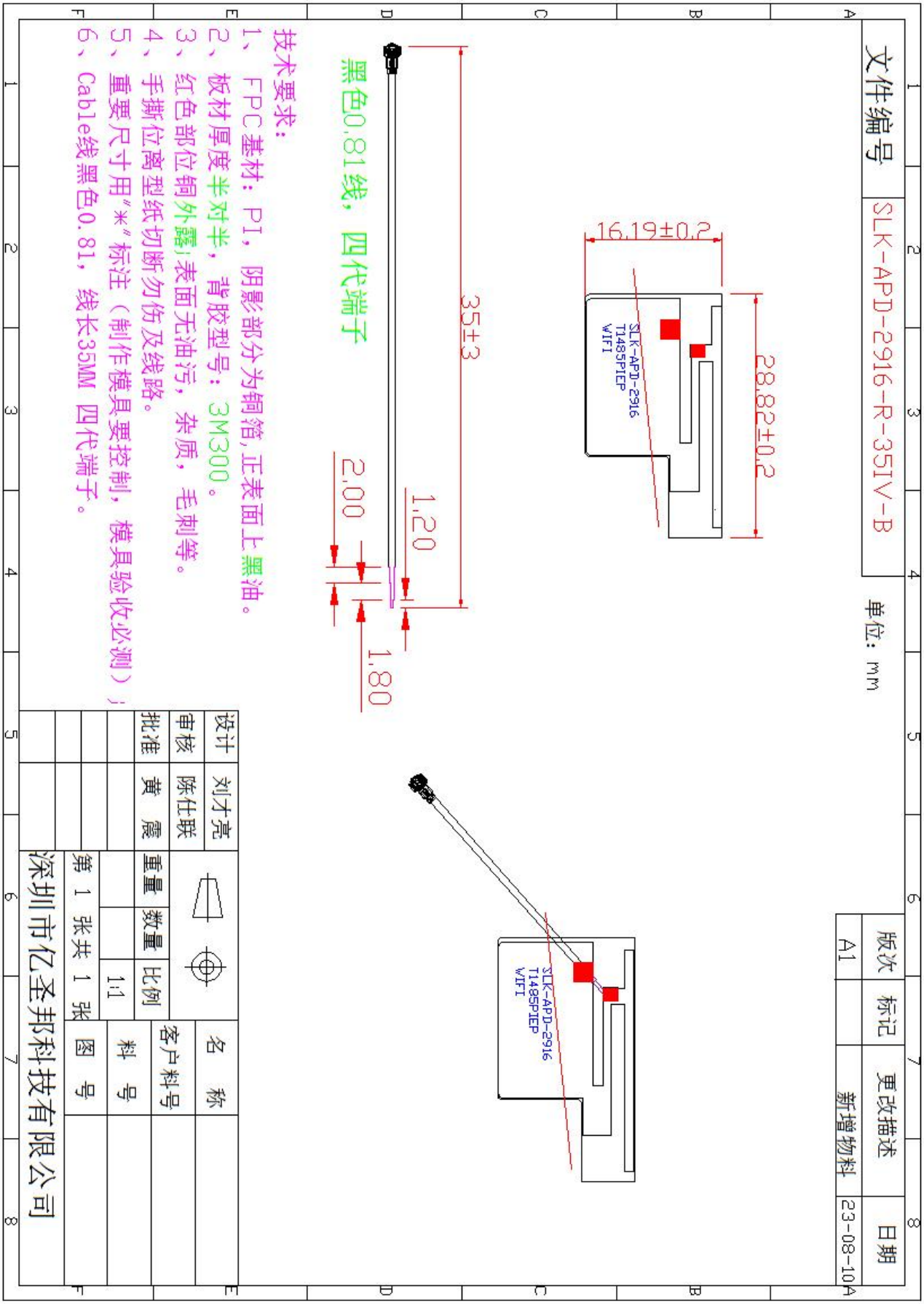
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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

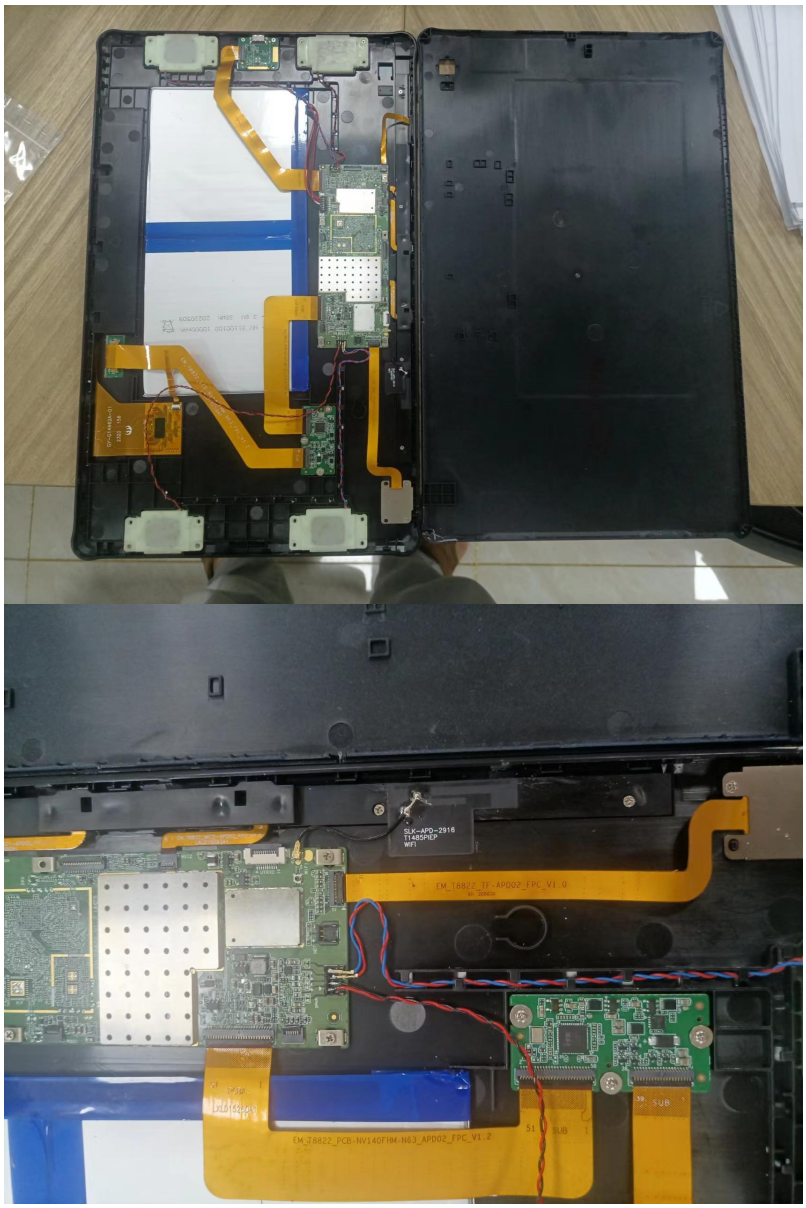




6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 天线