

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) : 深圳亿莱顿科技有限公司
物料代码 (客户填写) :
规格型号 (客户填写) : SW2495 (136 主板)
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 1:SLK-YLD-4312A-L-300I-B

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳市亿莱顿科技有限公司		
工 程 师	品 质	结 构	工 程 师	审 核	批 准
罗涛	陈揭兴	刘才亮	刘建红		
批准			盖章签署		
日 期	2024-4-3		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

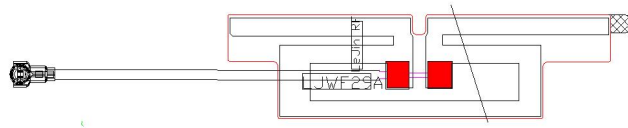
供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电 话: 18025305599 电 话: 18666299104

WIFI 1 Antenna (4312A)

1.Explanation of Product number :

S L K - Y L D - 4 3 1 2 A - L - 3 0 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

4312A:SK-4312A (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

300I: 300*1.13MM一代端子

(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 (802.11b/g/n) functions are needed

4. Description

Holy bond’s FPC antenna series are specially designed for WIFI (802.11b/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	42.99x11.61	mm
Center Frequency	2400-2500 5150-5850	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	5max	

5.2

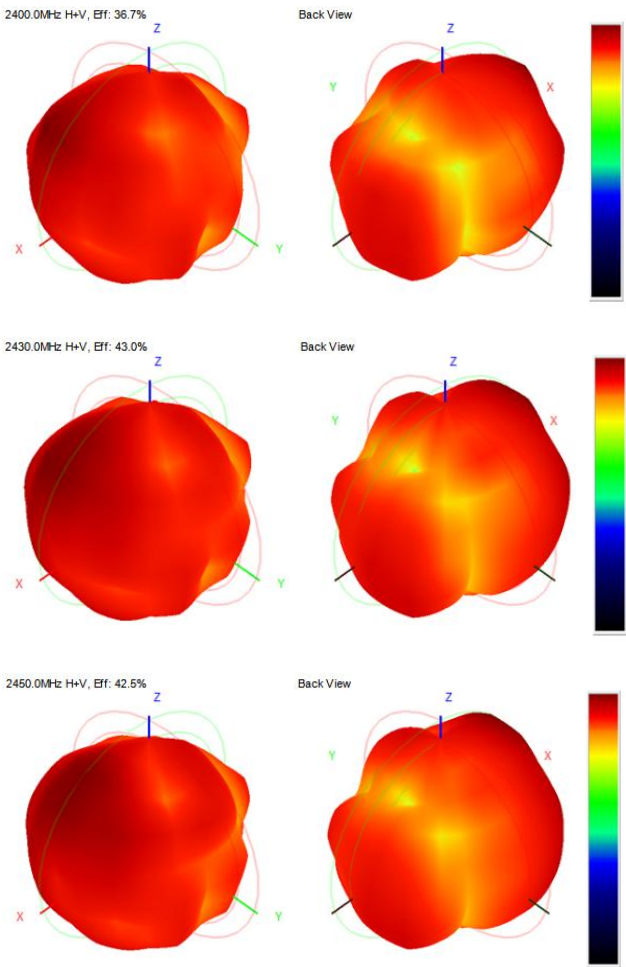
VSWR

S11

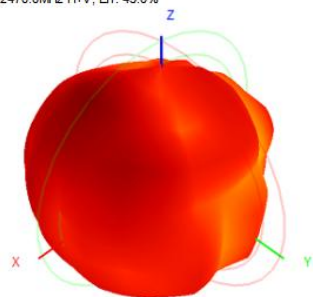


5-3.WIFI 1 Antenna Gain/Efficiency/Radiation Pattern of 3D

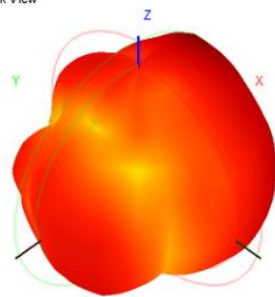
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.35	0.90	36.74
2410	-3.98	1.26	40.00
2420	-3.84	1.20	41.33
2430	-3.67	0.92	42.97
2440	-3.78	0.75	41.90
2450	-3.72	0.92	42.48
2460	-3.49	1.21	44.74
2470	-3.66	1.31	43.04
2480	-3.67	1.02	42.92
2490	-3.68	0.79	42.83
2500	-3.86	0.89	41.14
5150	-3.34	2.58	46.35
5250	-3.99	0.80	39.91
5550	-4.27	0.92	37.41
5750	-3.60	1.82	43.61
5850	-3.54	1.70	44.23



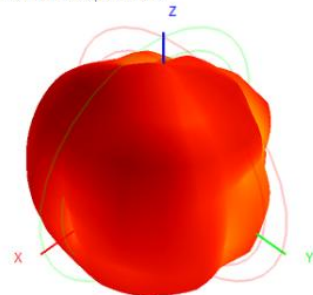
2470.0MHz H+V, Eff: 43.0%



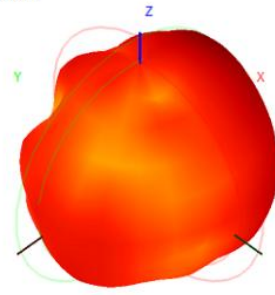
Back View



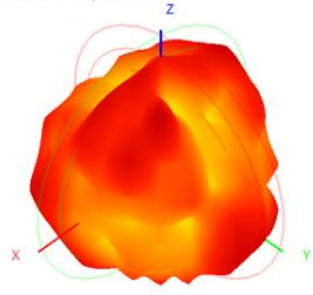
2500.0MHz H+V, Eff: 41.1%



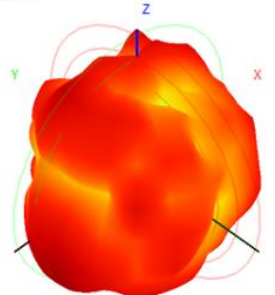
Back View



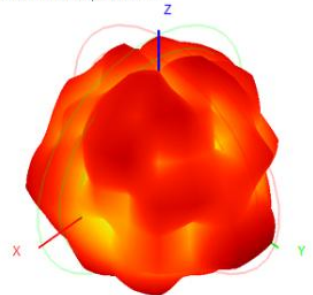
5150.0MHz H+V, Eff: 46.3%



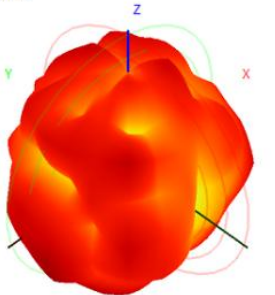
Back View



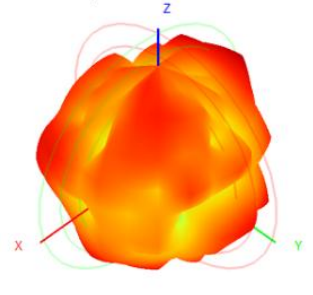
5550.0MHz H+V, Eff: 37.4%



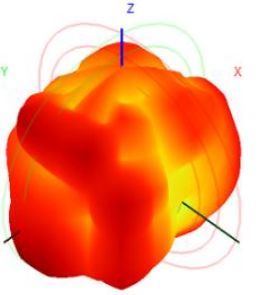
Back View



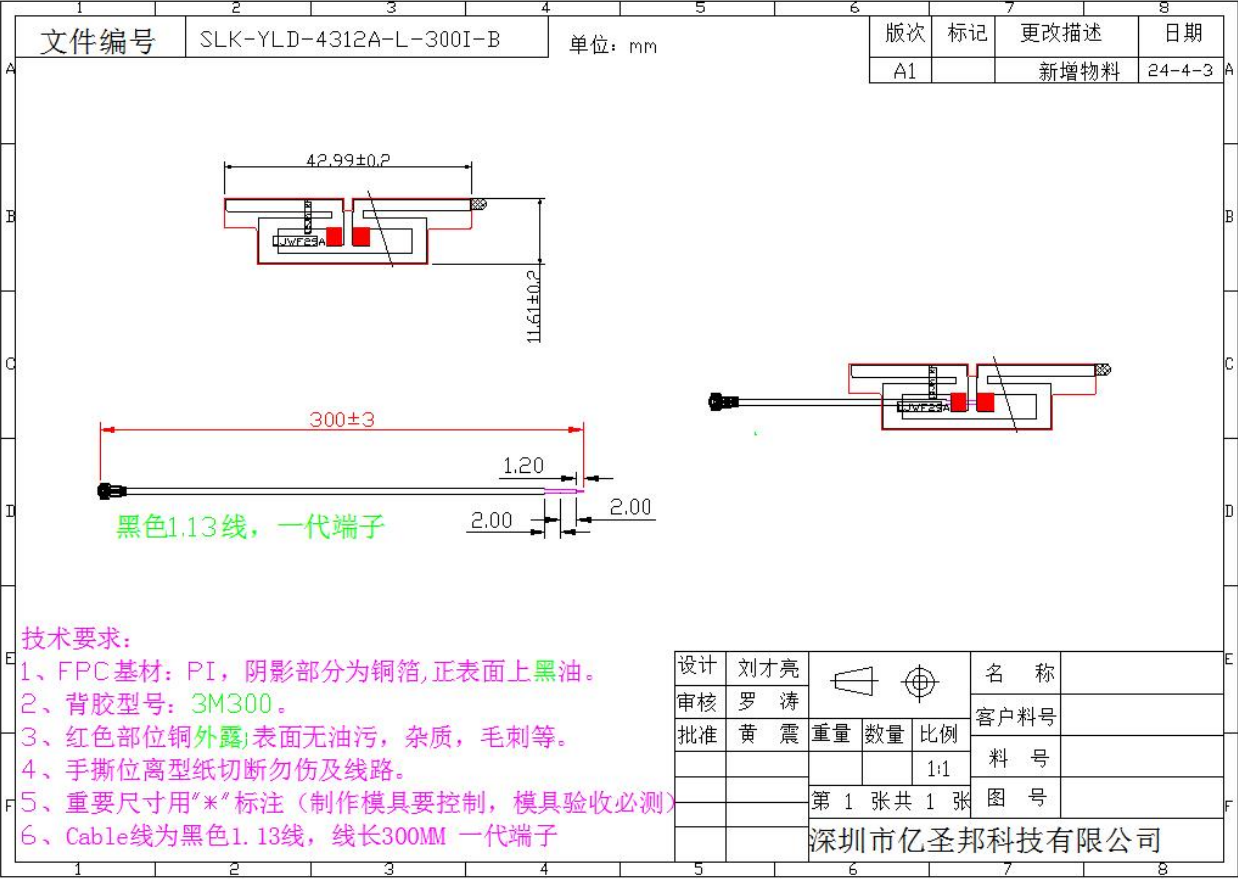
5850.0MHz H+V, Eff: 44.2%



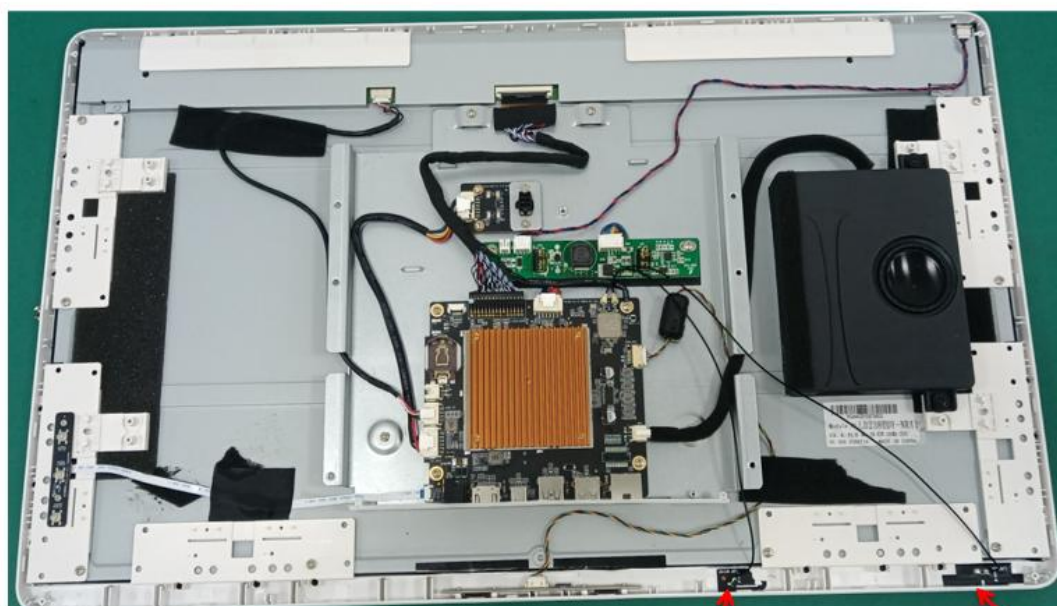
Back View



6.Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI2 天线

WIFI1 天线

WIFI 天线