

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) : Y5016T
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:SLK-YLD-4312-R-170I-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
刘顺	陈瑞兴	刘才亮	刘建红		
批准	林美财		盖章签署		
日 期	2025-4-8		日 期		
批示： ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

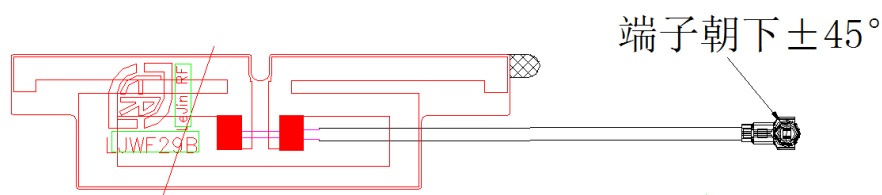
供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电 话: 18025305599 电 话: 18666299104

WIFI 1 Antenna (4312)

1.Explanation of Product number :

S L K - Y L D - 4 3 1 2 - R - 1 7 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

4312:SLK-4312 (WIFI antenna)

(3) Welding Position

R:Right

(4) Cable Length:

170I: 170*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 (a/b/g/n)
- * Hand-held devices when WIFI (802.11a/b/g/n) functions are needed

4. Description

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

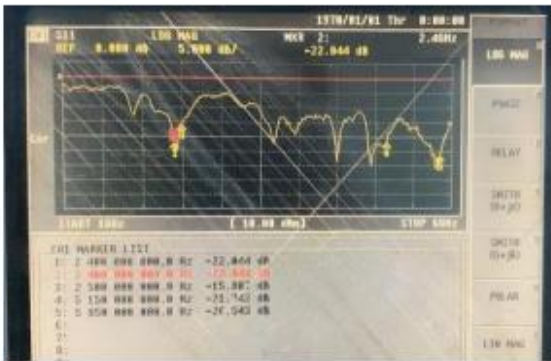
Characteristics	Specifications	Unit
Outline Dimensions	42.99x11.61x0.12	mm
Center Frequency	2400-2500 5170-5850	MHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5.2

VSWR

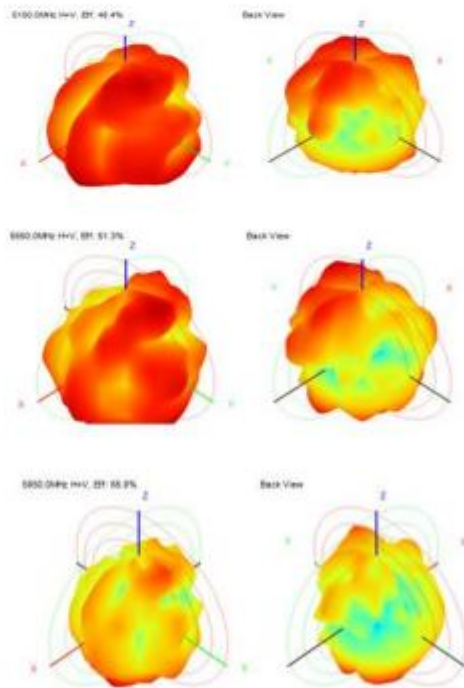
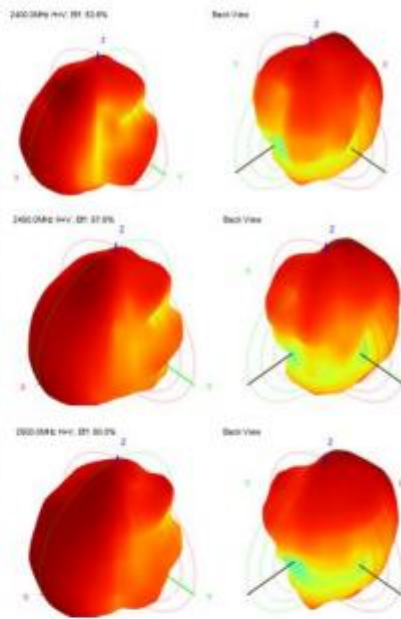


S11

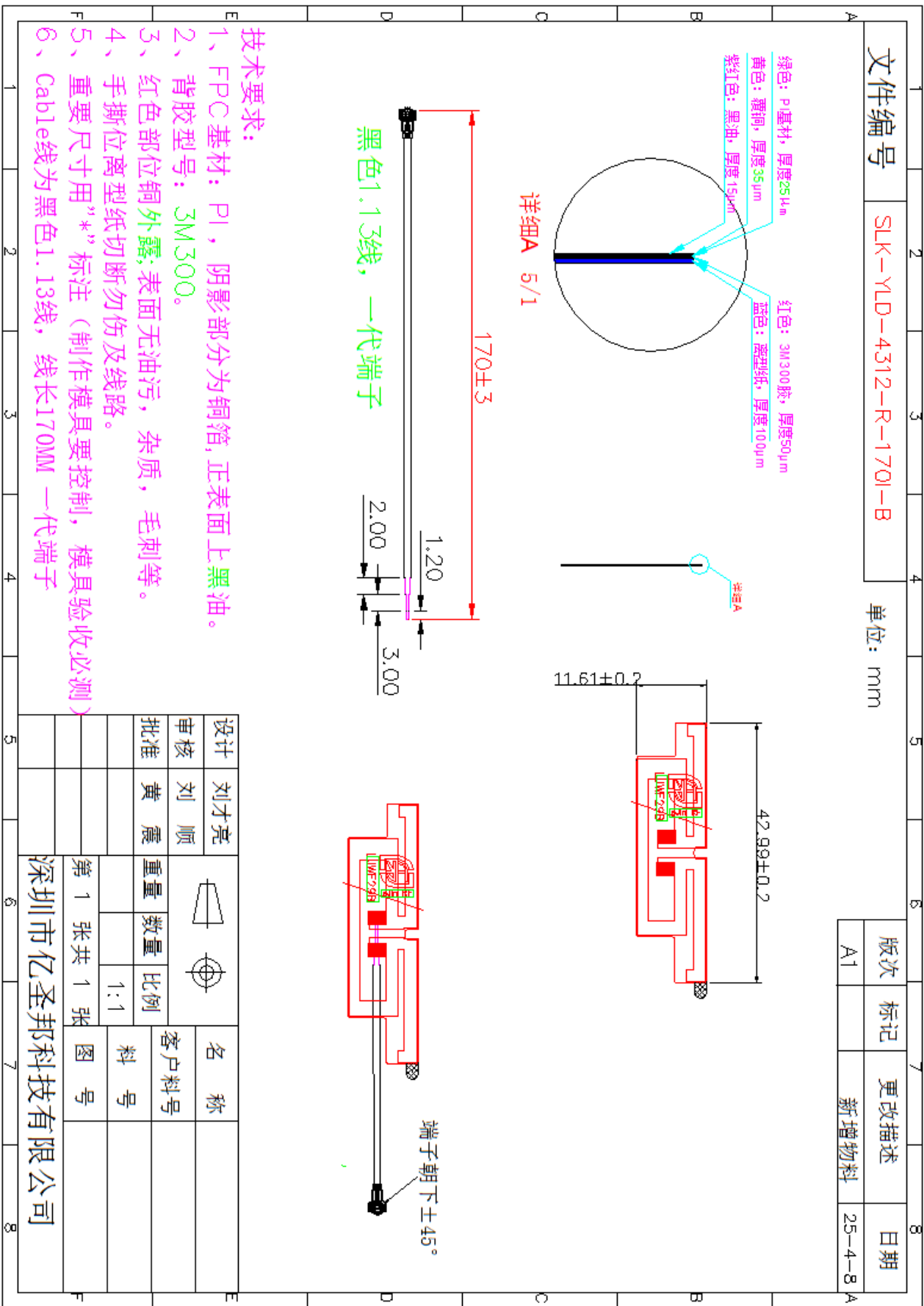


5-3.WIFI 1 Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-2.71	1.19	53.56
2410.0	-2.68	1.74	53.99
2420.0	-2.56	1.91	55.51
2430.0	-2.45	2.52	56.87
2440.0	-2.37	2.59	57.98
2450.0	-2.39	2.57	57.65
2460.0	-2.28	2.77	59.22
2470.0	-2.40	2.63	57.48
2480.0	-2.32	3.06	58.65
2490.0	-2.20	2.53	60.29
2500.0	-2.22	3.01	60.02
5150.0	-3.15	2.10	48.38
5350.0	-3.13	2.98	48.62
5550.0	-2.90	1.28	51.26
5650.0	-2.76	1.91	52.98
5850.0	-1.81	2.84	65.84



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

