

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): 深圳市亿东科技股份有限公司

物 料 代 码 (客户填写):

规 格 型 号 (客户填写):

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-YD-3212-L-160I-B

承 认 签 章					
供 应 商 承 认			深圳亿东科技股份有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
范新竹	黄震	林美财			
盖章签署			盖章签署		
日 期	2022-10-17		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写):					

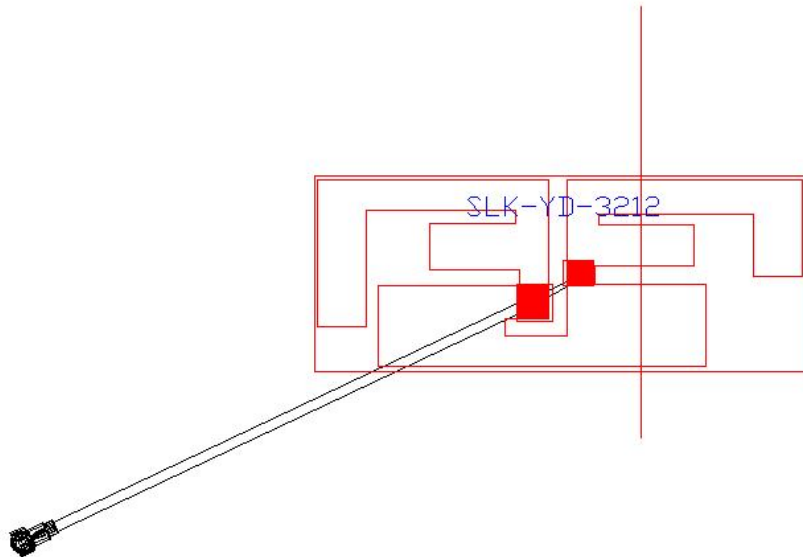
Manufacturer: Shenzhen Yi Sheng Bang technology Co., LTD
Address: 101, Building C, Shenzhen Qianwan Hard Science and
Technology Industrial Park, Bao 'an District,
Shenzhen, China

WIFI Antenna (3212)

1. Explanation of Product number :

S L K - Y D - 3 2 1 2 - L - 1 6 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

YD: 亿东

(2) Project:

3212: SLK-YD-3212(WIFI antenna)

(3) Welding Position

L:Left

(4) Cable Length:

160IV:160*1.13MM 1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

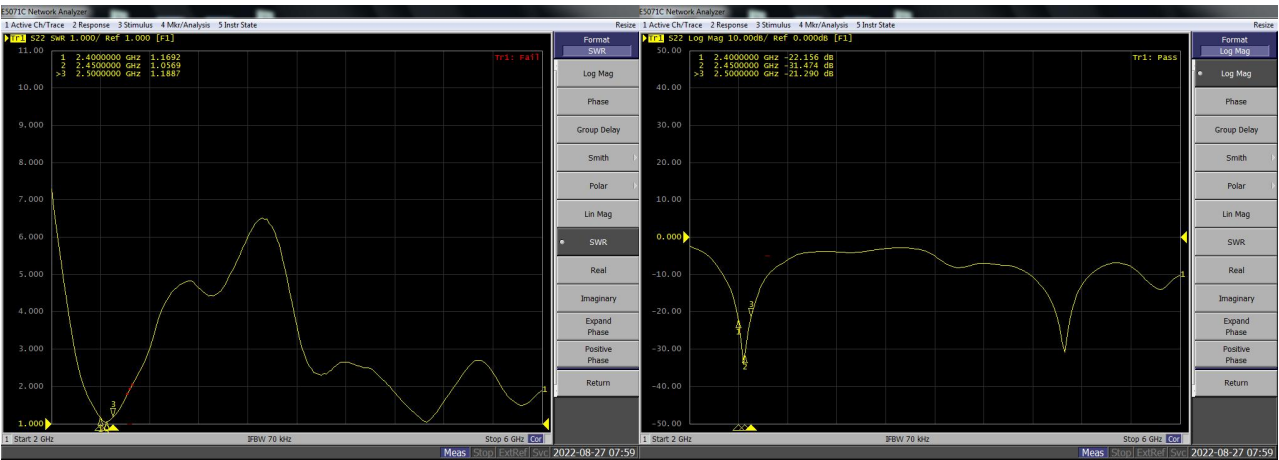
5-1

Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

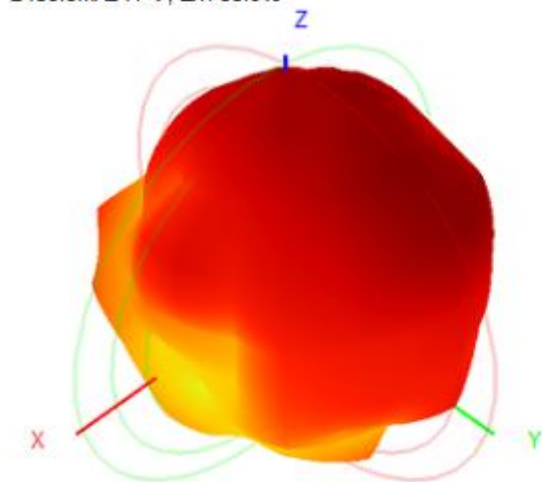
S11



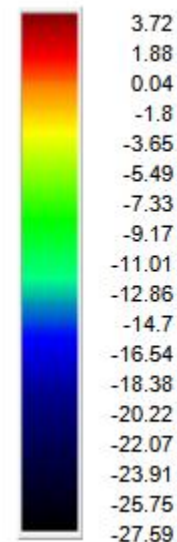
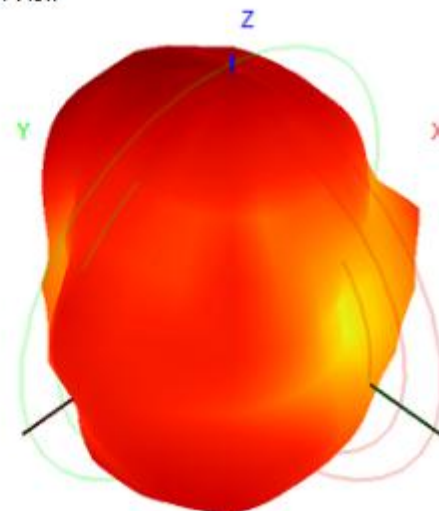
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150	5350	5500	5650	5850
Efficiency (dBi)	-2.50	-2.46	-2.46	-2.34	-2.39	-2.54	-2.70	-2.79	-2.77	-2.90	-2.89	-3.6	-3.65	-3.52	-3.47	-3.54
Gain (dBi)	3.53	3.47	3.42	3.49	3.71	3.72	3.64	3.67	3.71	3.71	3.30	2.28	2.22	2.34	2.17	2.46
Efficiency (%)	56.28	56.74	56.79	58.37	57.69	55.77	53.69	52.66	52.87	51.33	51.31	43.59	43.09	44.41	44.7	44.25

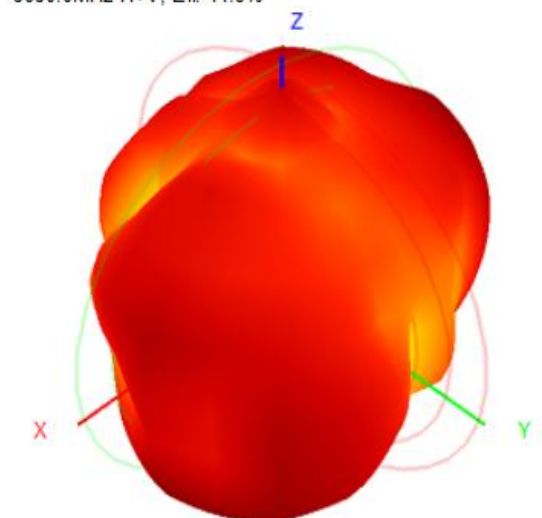
2450.0MHz H+V, Eff: 55.8%



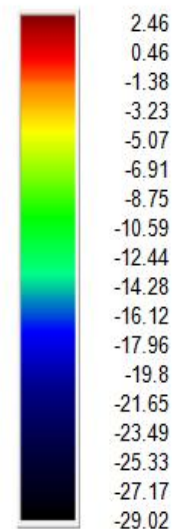
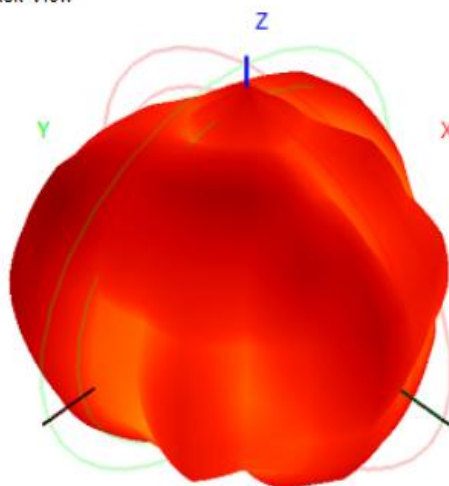
Back View



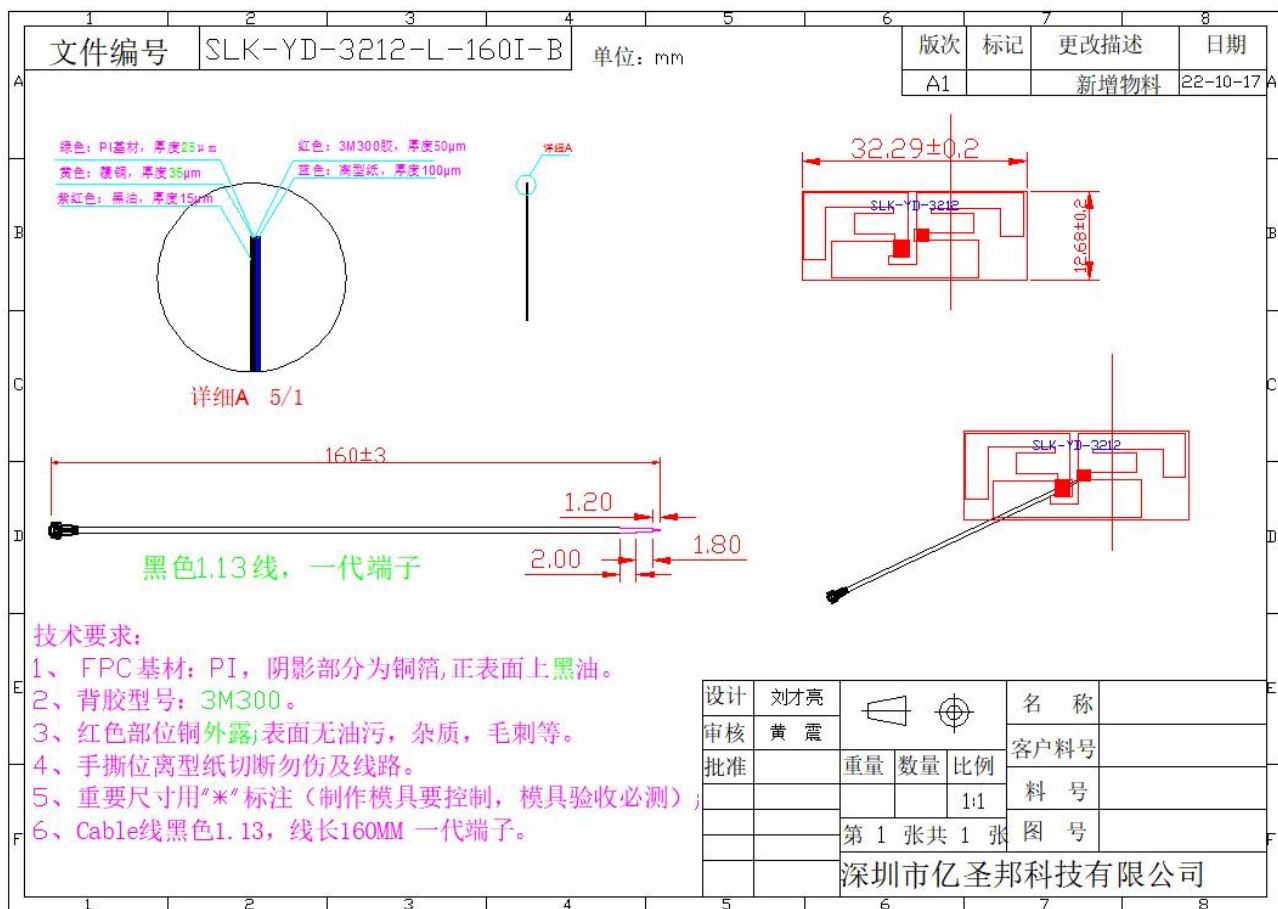
5850.0MHz H+V, Eff: 44.3%



Back View



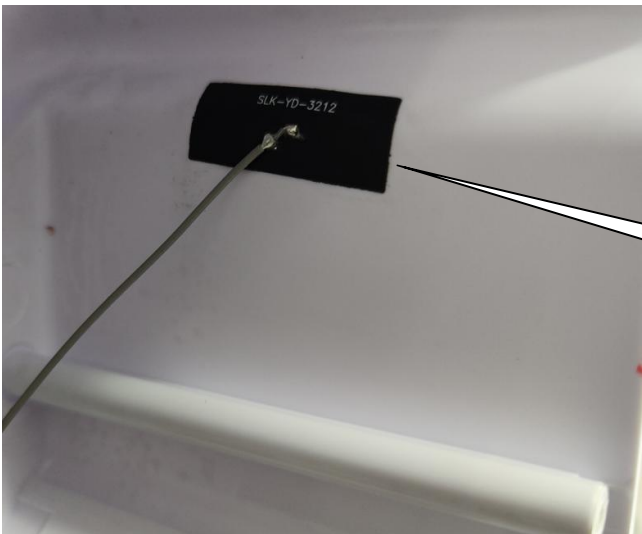
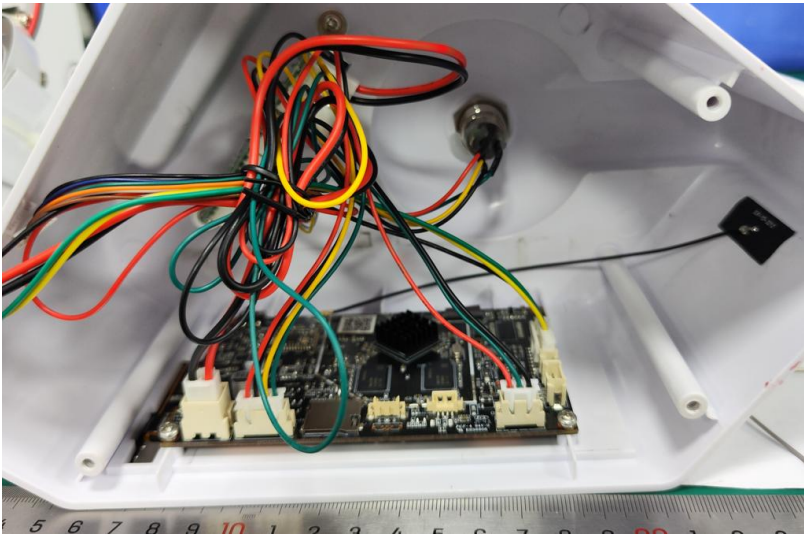
6. Antenna Dimensions (unit: mm)



绿色: PI基材, 厚度 $25\mu\text{m}$
红色: 3M300胶, 厚度 $50\mu\text{m}$
黄色: 覆铜, 厚度 $35\mu\text{m}$
蓝色: 离型纸, 厚度 $100\mu\text{m}$
紫红色: 黑油, 厚度 $15\mu\text{m}$

详细A 5/1

7. Antenna Picture



WIFI 天线