

深圳市亿圣邦科技有限公司

样品承认书

SPECIFICATION FOR APPROVAL

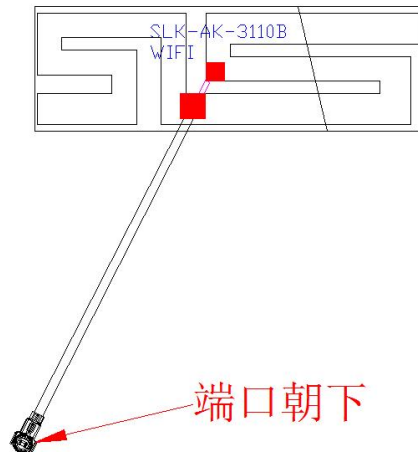
公司名称 (客户填写): 深圳市艾科维达科技有限公司
物料代码 (客户填写): _____
规格型号 (客户填写): P2-H713-V1.1
承认日期 (客户填写): _____
供应商名称 (SLK 填写): 深圳市亿圣邦科技有限公司
供应商型号 (SLK 填写): WIFI :SLK-AK-3110B-L-160I-B

承 认 签 章					
供 应 商 承 认			深圳市艾科维达科技有限公司		
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	2024-08-29		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: 深圳市宝安区西乡街道南昌社区前湾硬科技产业园 C 栋 101
电 话: 18666299104 传 真: 0769-82553116

WIFI

1. Explanation of Product number :



Product Code:

- (1) Customer: 艾科
- (2) Antenna Name: WIFI 天线 (WIFI Antenna)
- (3) Connector: 1.13 黑色线, 总长160mm, 一代端子

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

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

4. Description

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

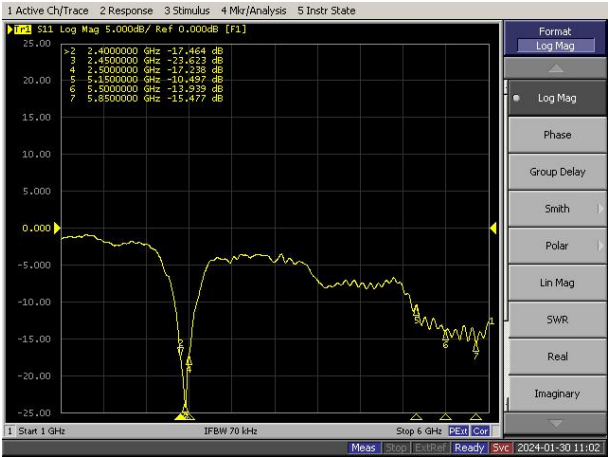
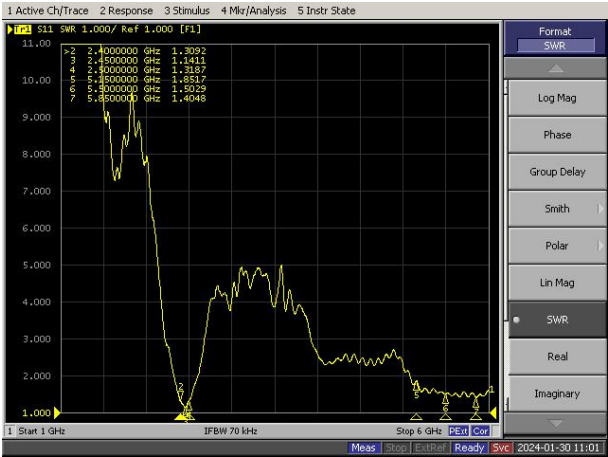
5-1

Characteristics	Specifications	Unit
Outline Dimensions	31.5x10x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2

VSWR

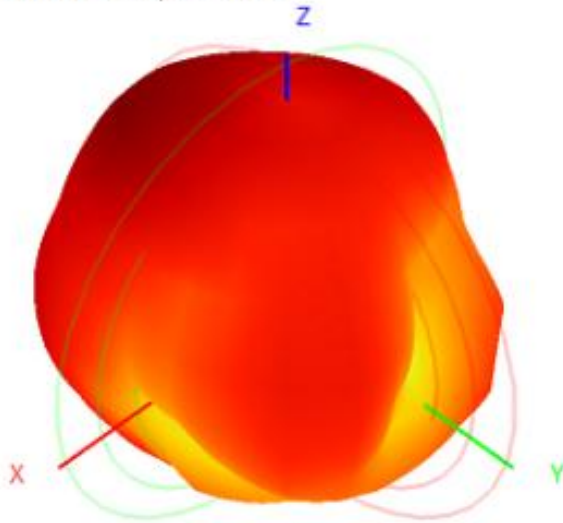
S11



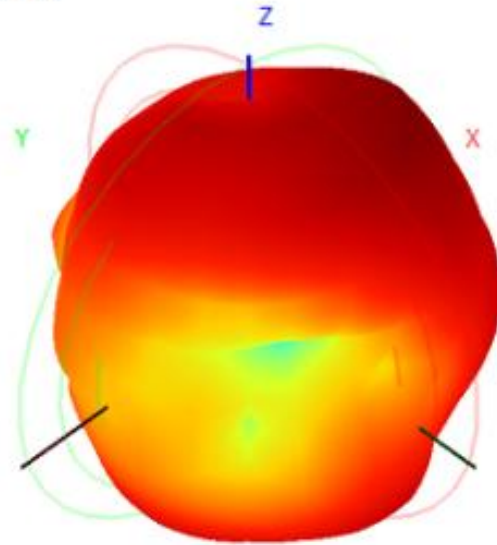
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5500	5650	5850
Efficiency (dBi)	-2.73	-2.64	-2.71	-2.73	-2.95	-3.05	-2.97	-3.08	-2.94	-2.87	-2.89	-3.83	-3.50	-3.02	-3.25	-2.97
Gain (dBi)	2.48	2.59	2.64	2.60	2.43	2.35	2.32	2.46	2.50	2.49	2.38	2.39	2.21	2.08	2.10	2.89
Efficiency (%)	53.38	54.42	53.58	53.37	50.74	49.57	50.42	49.26	50.84	51.69	51.40	41.41	44.69	49.89	47.32	50.46

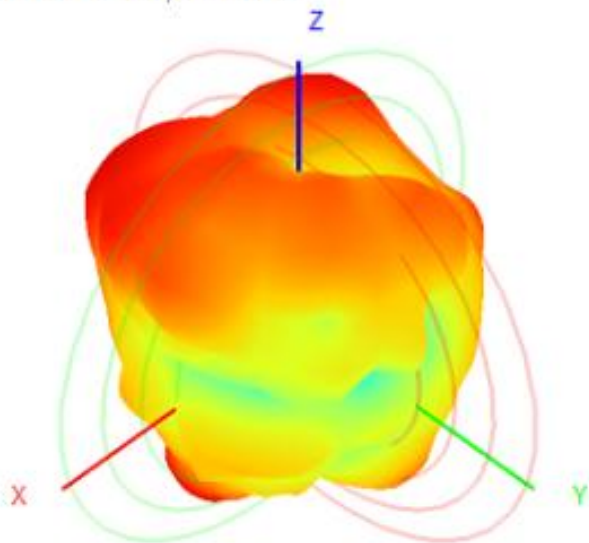
2450.0MHz H+V, Eff: 49.6%



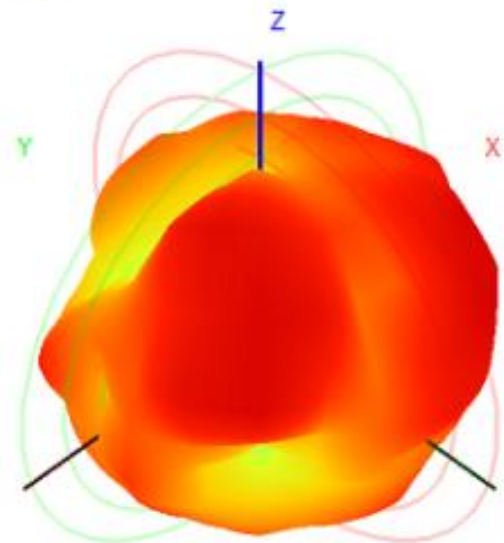
Back View



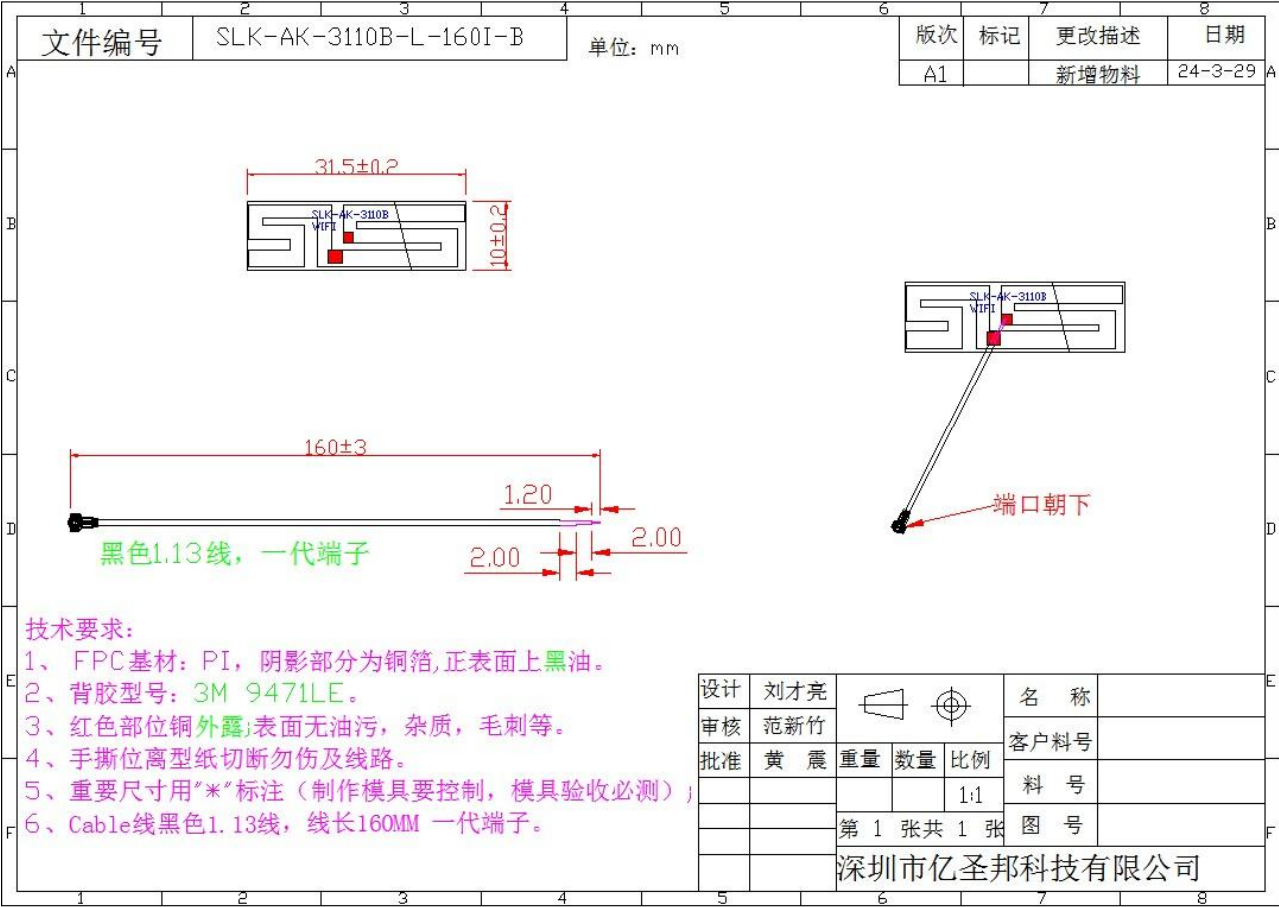
5850.0MHz H+V, Eff: 50.5%



Back View



6. Antenna Dimensions (unit: mm)



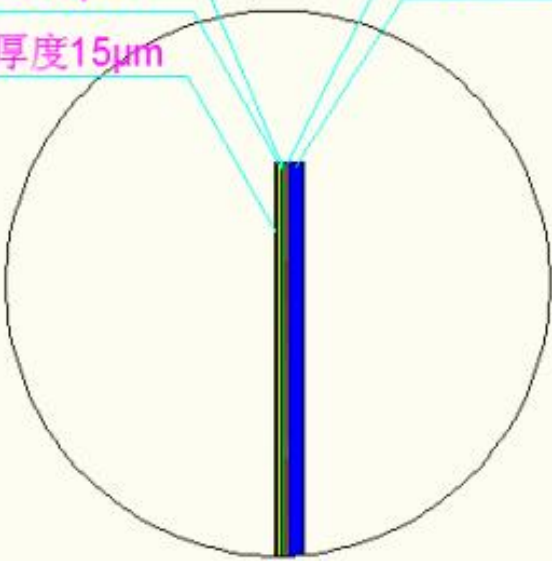
绿色: PI基材, 厚度25 μm

黄色: 覆铜, 厚度35 μm

紫红色: 黑油, 厚度15 μm

红色: 3M300胶, 厚度50 μm

蓝色: 离型纸, 厚度100 μm



详细A 5/1

7. Antenna Picture

