

# 样品承认规格书

## PART SHEET FOR APPROVAL

客户名称 Customer Name	深圳市科金明电子股份有限公司 Shenzhen KJM Electronics Co. , Ltd
客户地址 Customer Address	Block B7, Yintian Industrial Park, Xi xiang Street, Bao' an Dist. , Shenzhen, P. R. C.
供应商名称 Supplier Name	深圳市亿圣邦科技有限公司 Shenzhen Yi Sheng Bang technology Co. , LTD
供应商地址 Supplier Address	101, Building C, Shenzhen Qianwan Hard Science and Technology Industrial Park, Bao 'an District, Shenzhen
供应商型号 Supplier Model	SLK-KJM-2813A1-M-150I-G-1.13
承认日期 Approval date	2025-03-21

### 供应商承认 Supplier confirmation

承办 Made By	审核 Engineer	批准 Approver
范新竹	黄震	林美财

### 科金明承认 KJM confirmation

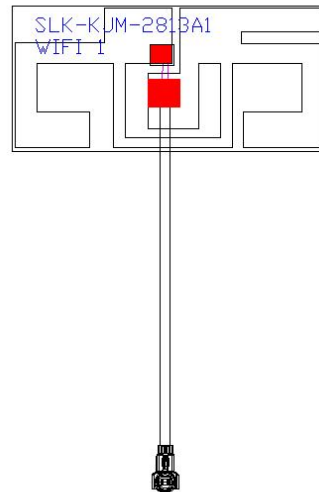
承认原因 Approval Reason	<input type="checkbox"/> 新物料 <input type="checkbox"/> 替代物料			
承办 Made By	审核 Engineer			批准 Approver
	研发 R&D	品质 Quality	业务 Sales	

#### 承认书要求：

- 承认书数量：一式三份（每份承认书匹配独立的样品，样品需要贴好样品标签）；
- 承认书内容要求：封面/图纸（注明公差）/产品规格/测试报告/SGS 检测报告/认证报告；
- 细节说明：易碎品采用保护包装/光学部件采用贴膜/批量物料交付需要做防尘考虑；

# WIFI

## 1. Explanation of Product number :



Product Code:

- (1) Customer:科金明
- (2) Antenna Name:WIFI 天线 (WIFI Antenna)
- (3) Connector:1.13灰色线, 总长150mm, 1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

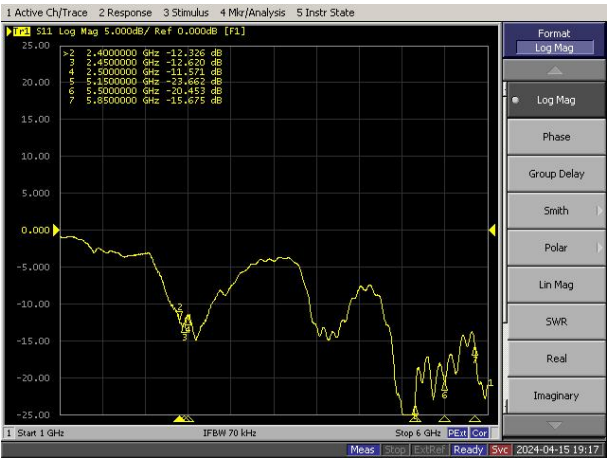
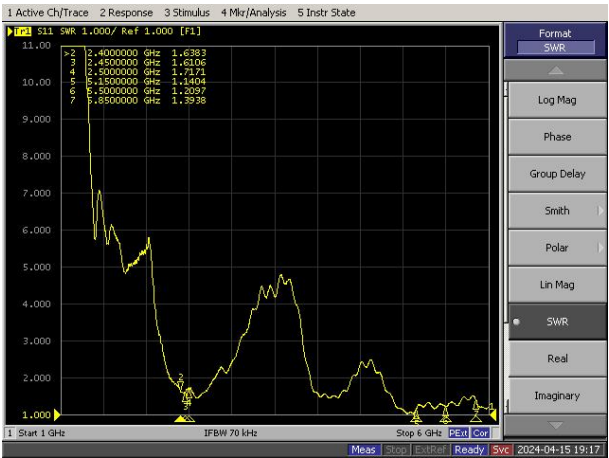
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.32	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

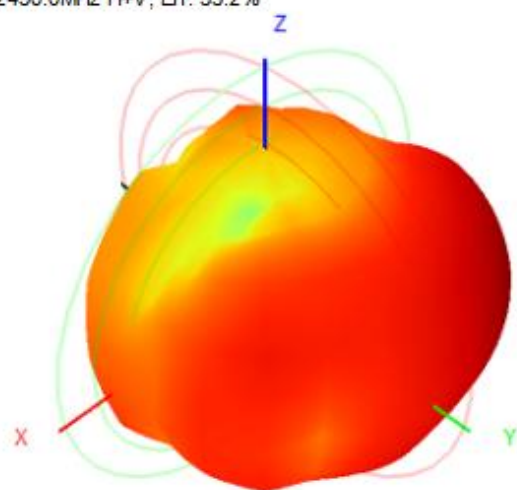
S11



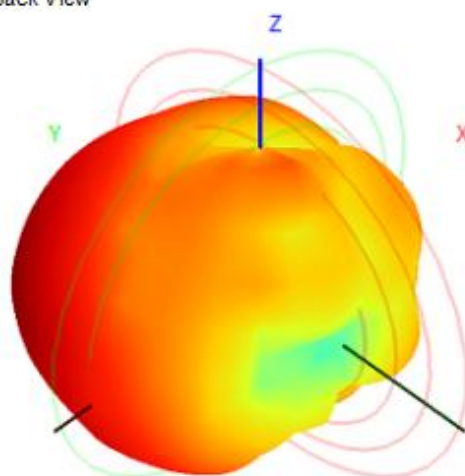
### 5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5500	5650	5850
Efficiency (dBi)	-3.03	-2.88	-2.55	-2.57	-2.68	-2.74	-2.56	-2.84	-2.75	-2.68	-2.84	-2.61	-2.52	-2.71	-2.62	-2.74
Gain (dBi)	1.91	1.99	2.21	2.19	1.96	1.87	2.22	2.13	2.33	2.63	2.66	2.49	2.44	2.16	2.27	2.95
Efficiency (%)	49.77	51.52	55.64	55.31	54.00	53.23	55.41	52.05	53.05	53.91	51.97	54.81	55.94	53.52	54.60	53.16

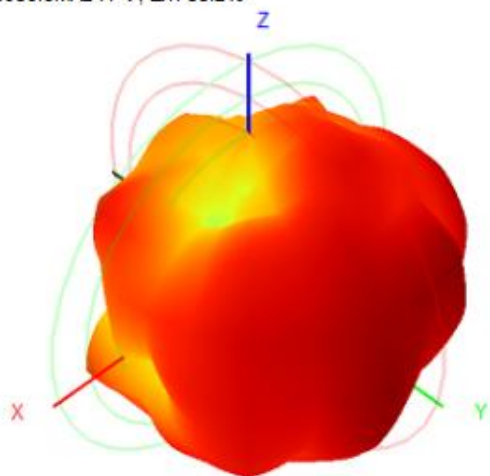
2450.0MHz H+V, Eff: 53.2%



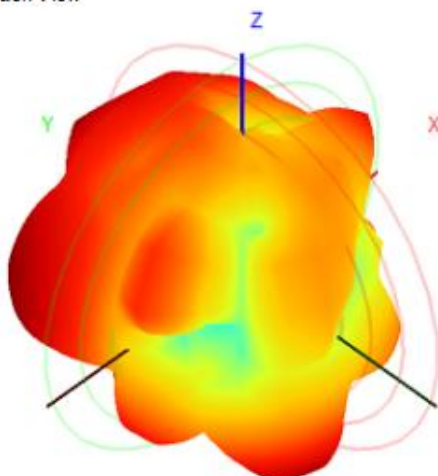
Back View



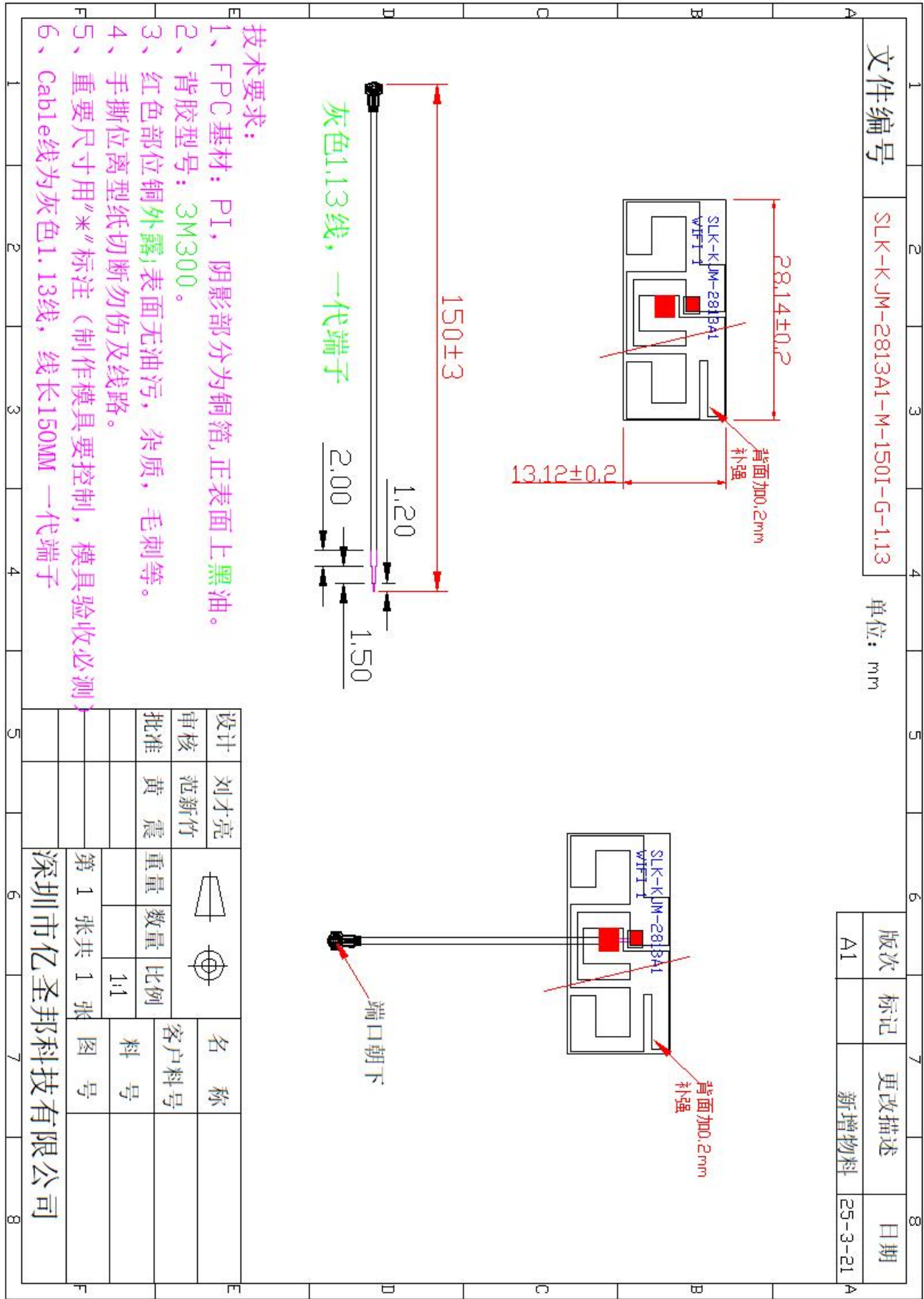
5850.0MHz H+V, Eff: 53.2%



Back View



6. Antenna Dimensions (unit: mm)





## 10. Antenna Picture

