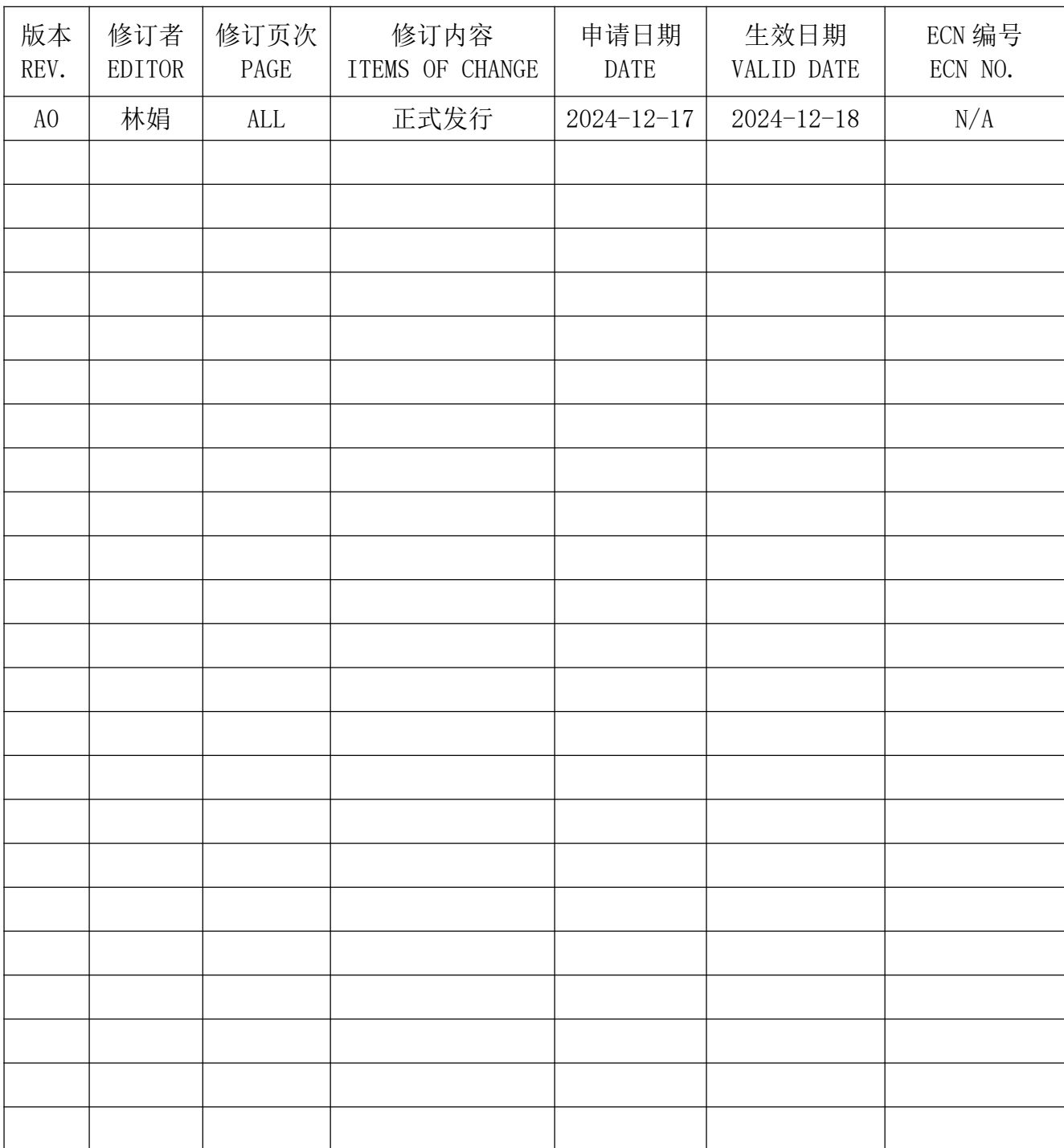




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SPECIFICATION FOR APPROVAL

公 司 名 称 (客户填写): SG

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): 佳邦科技股份有限公司

供 应 商 名 称 (SLK 填写): WIFI:SLK-HB-3119-R-120I-B

承 认 签 章

供 应 商 承 认 (SLK 填写栏)

深圳市禾邦有限公司

工 程 师

审 核

批 准

工 程 师

审 核

批 准

林娟

胡志清

唐龙

盖章签署

盖章签署

日 期

2024-12-18

日 期

批示: ☐接受 ☐有条件接受

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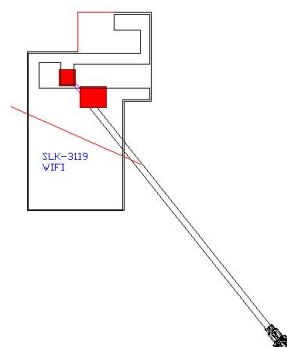
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WIFI Antenna (3119)

1. Explanation of Product number :

S L K - H B - 3 1 1 9 - R - 1 2 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

SG

(2) Project:

3119: SLK-HB-3119 (WIFI antenna 2.4~2.5G)

(3) Welding Position

R: Right

(4) Cable Length:

120I: 120*1.13MM 一代端子

(5)Cable Color

B: Black

2. Features

*Stable and reliable in performances

*Compact size

*RoHS compliance

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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 (802.11 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

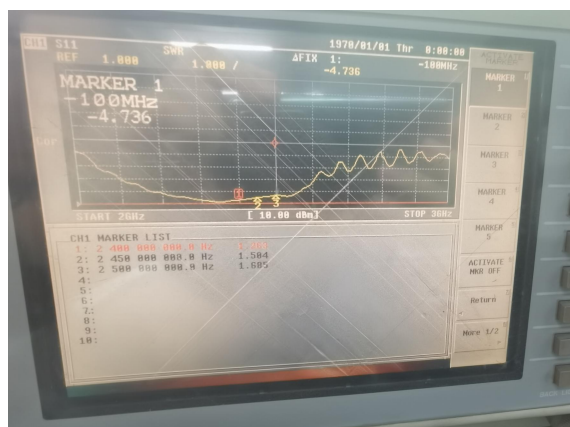
5-1

Characteristics	Specifications	Unit
Outline Dimensions	31.1x 19.43x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
	50	Ω
Polarization	Linear Polarization	

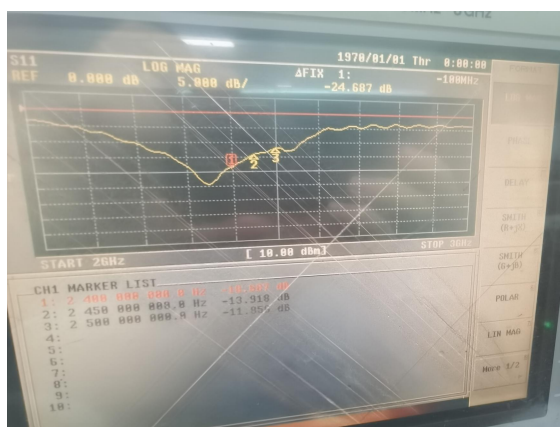
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5-2. VSWR

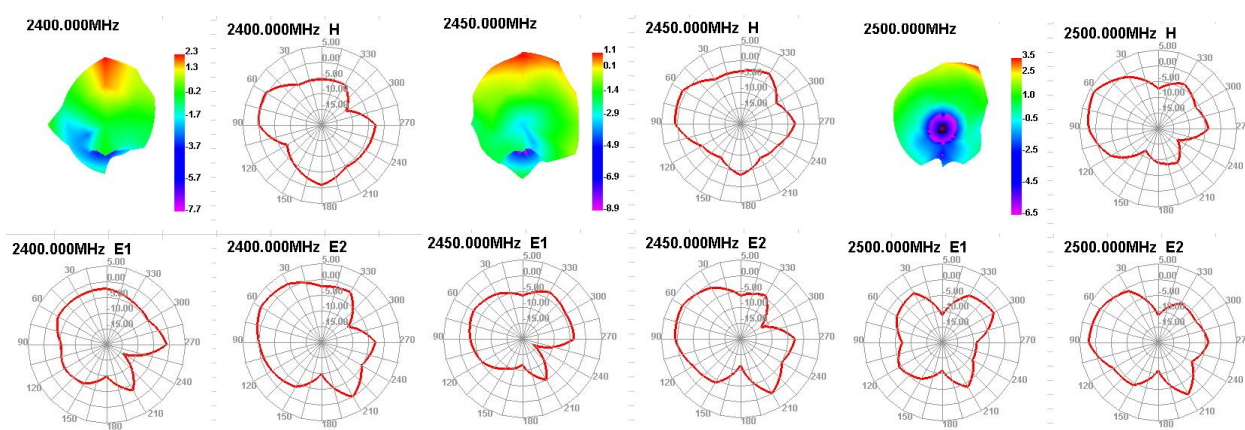


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5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	49.69	-3.04	2.26
2410	45.87	-3.38	1.85
2420	52.24	-2.82	2.28
2430	41.83	-3.79	1.12
2440	48.84	-3.11	1.56
2450	46	-3.37	1.12
2460	53.54	-2.71	2.09
2470	43.47	-3.62	1.68
2480	51.19	-2.91	2.85
2490	45.31	-3.44	2.63
2500	52.87	-2.77	3.54



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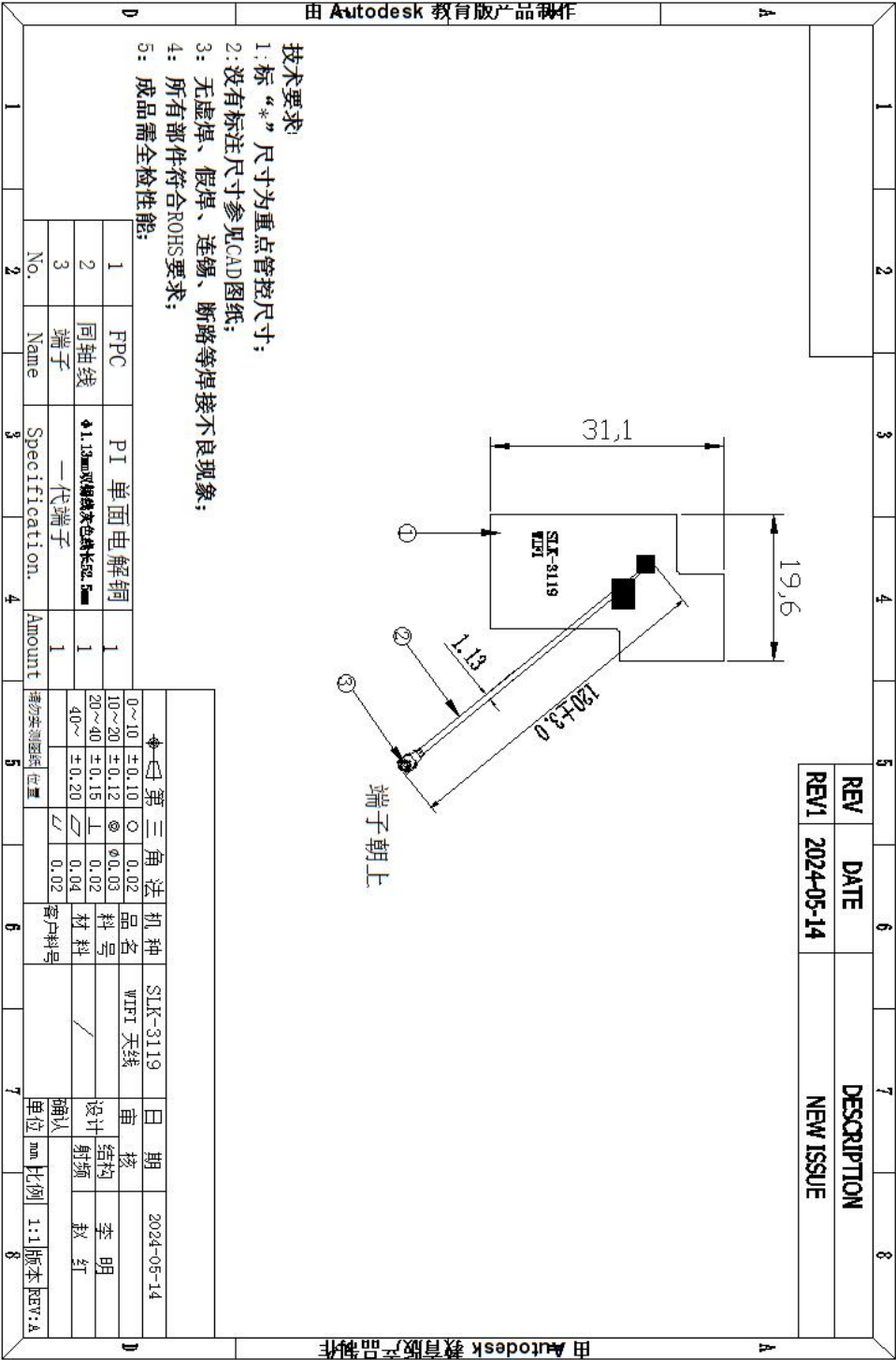
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6. Antenna Dimensions (unit: mm)



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