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）：深圳市芸麦科技有限公司

物　料　代　码（客户填写）：

规　格　型　号（客户填写）：

承　认　日　期（客户填写）：2024.1.8

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-YS-4406-M-70I-B

承　认　签　章					
供　应　商　承　认（SLK 填写栏）			深圳市芸麦科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日　　期	2024-1-8		日　　期		
批示：　☐接受　☐有条件接受					
备注（客户填写）：					

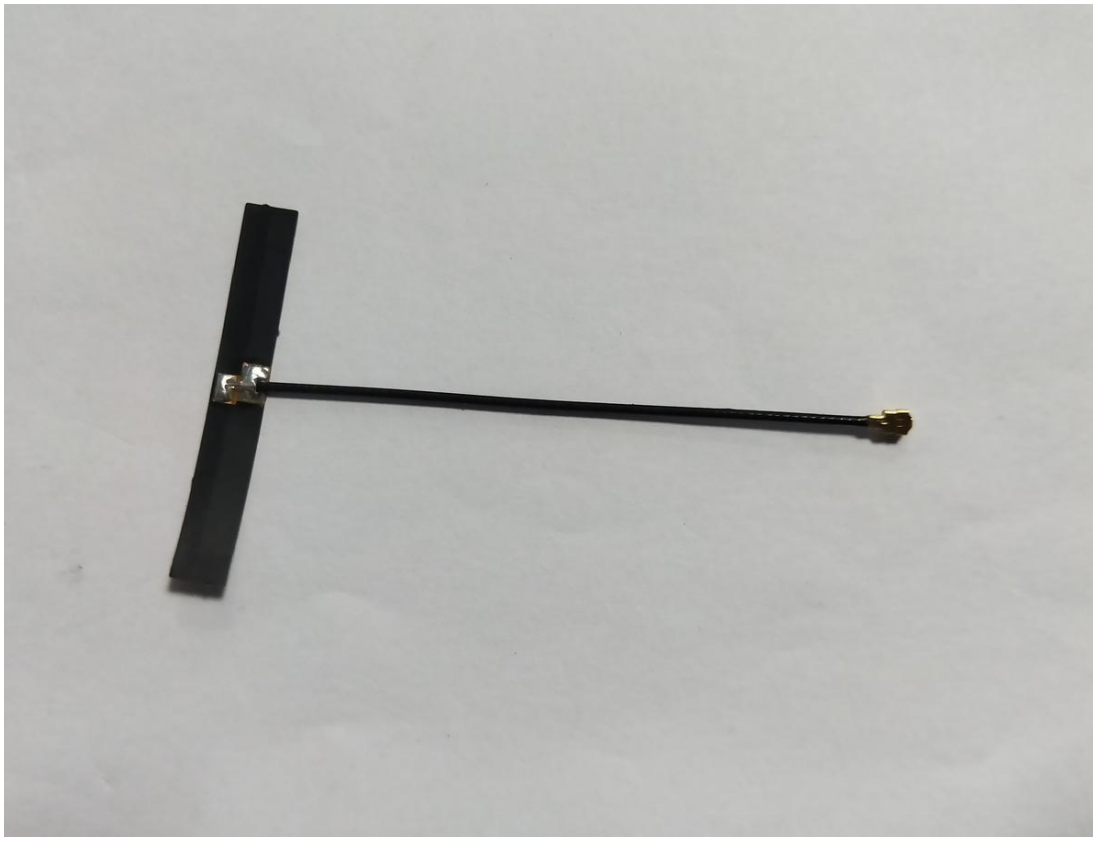
供应商名称:深圳市亿圣邦科技有限公司
供应商地址:深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电　　话：18666299104

WIFI Antenna (4406)

1. Explanation of Product number :

S L K - Y M - 4 4 0 6 - M - 7 0 I - B

1 2 3 4 5



Product Code:
(1) Customer:
YM:芸麦
(2) Project:
4406: SLK-4406 (WIFI +BT antenna)
(3) Welding Position
M: Middle
(4) Cable Length:
70I: 70*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 (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.

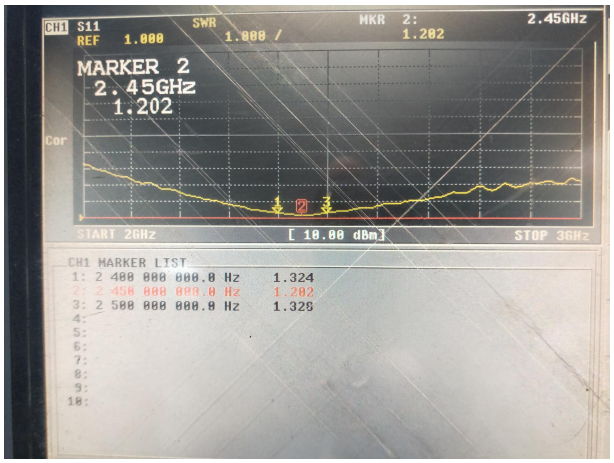
5. Electrical Specifications

5-1

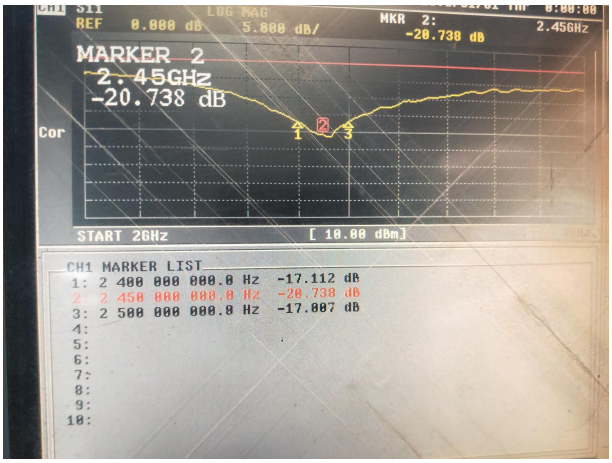
Characteristics	Specifications	Unit
Outline Dimensions	**44.6x 6.33 x 0.12**	**mm**
Center Frequency	**2.4-2.5**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**2max**	
Impedance	**50**	**Ω**
Polarization	**Linear Polarization**	

5-2.

VSWR

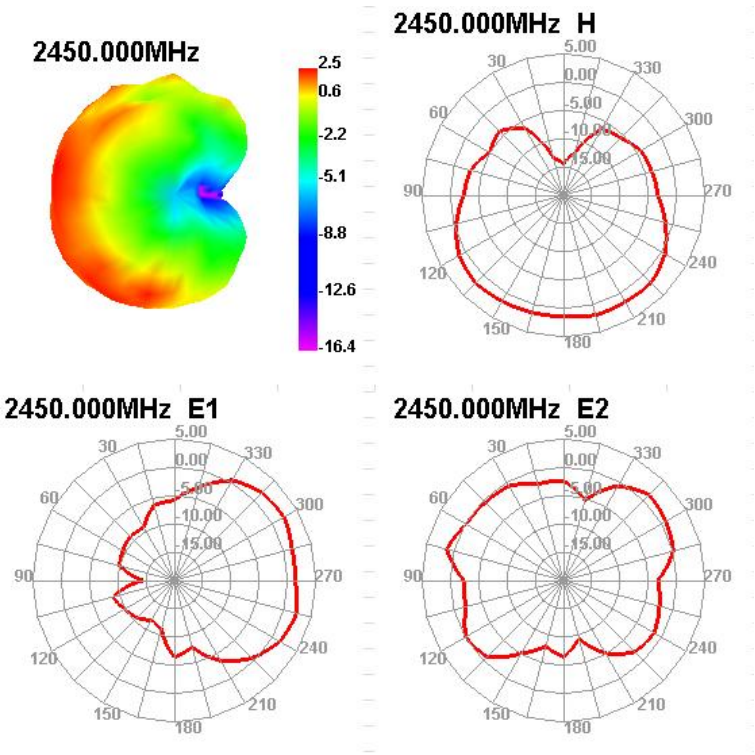
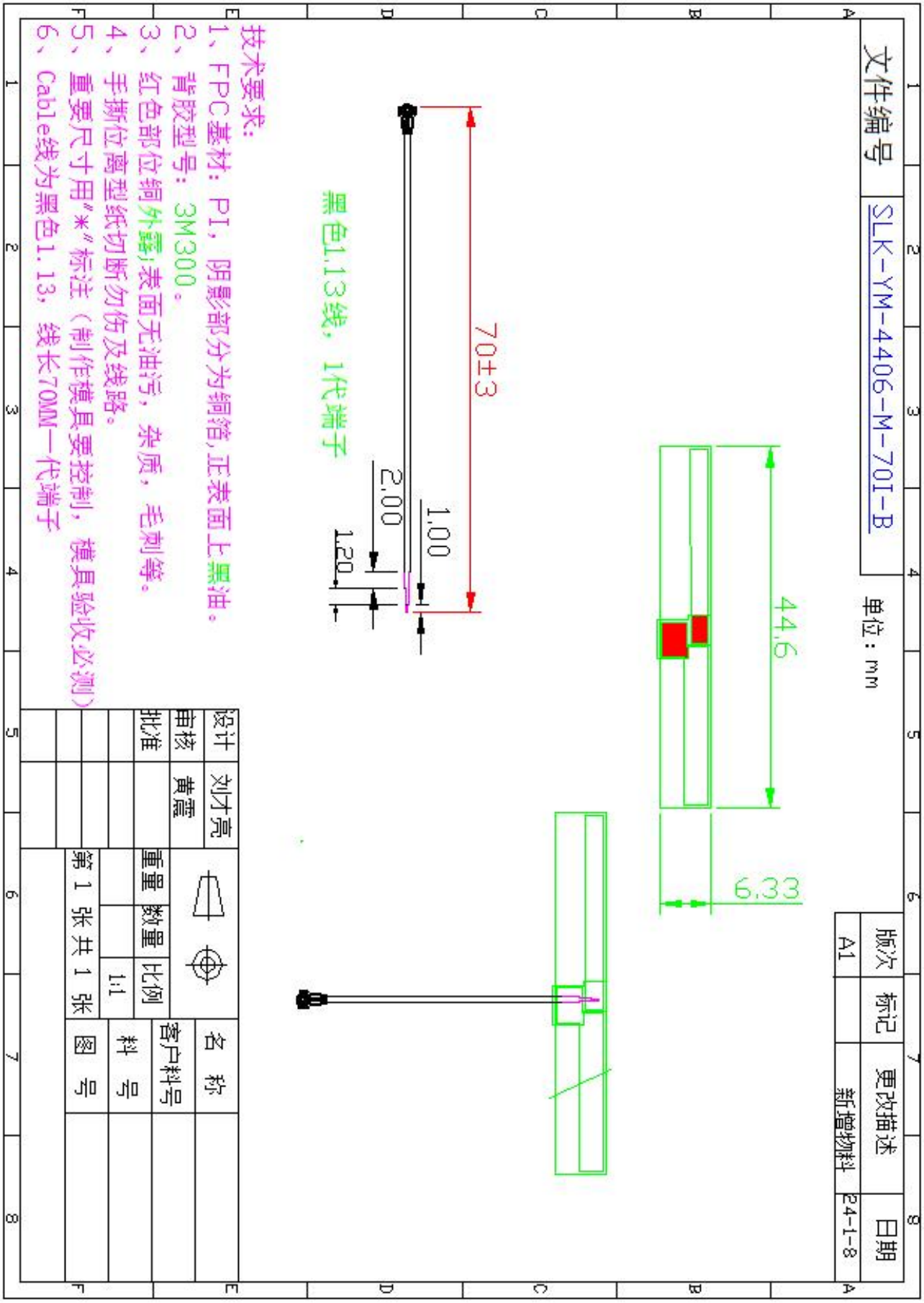


S11



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

Frequency(MHz)	Efficiency (%)	AverageGAIN(dB)	Peak GAIN (dBi)
2400	65.58	-1.83	1.79
2410	58.73	-2.31	2.01
2420	59.79	-2.23	1.72
2430	57.77	-2.38	1.3
2440	58.32	-2.34	1.31
2450	57.6	-2.4	1.27
2460	58.48	-2.33	1.37
2470	59.79	-2.23	1.5
2480	62.73	-2.02	1.82
2490	64.83	-1.88	1.99
2500	68.26	-1.66	1.61



6. Antenna Dimensions (unit: mm)