深圳市亿圣邦科技有限公司
样 品 承 认 书

SPECIFICATION FOR APPROVAL

公　　司　　名　　称：深圳市集鼎电子有限公司

物　　料　　代　　码：

规　　格　　型　　号：

承　　认　　日　　期：2025.4.9

供　　应　　商　　名　　称：深圳市亿圣邦科技有限公司

供 应 商 规 格 型 号：WIFI:SLK-JD-4706-R-165II-B-0.81

承　　认　　签　　章					
供　应　商　承　认			深圳市集鼎电子有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
刘才亮	黄　震	林美财			
盖章签署			盖章签署		
日　　期	2025-4-9		日　　期		
批示：　☐接受　　☐有条件接受					
备注（客户填写）：					

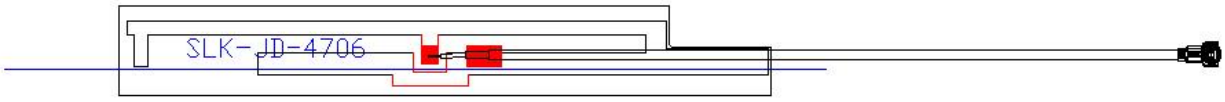
供应商名称:深圳市亿圣邦科技有限公司
供应商地址:深圳市宝安区深圳前湾硬科技产业园 C 栋 101
电　　话：18025305599　　电　　话：18666299104

WIFI Antenna (4706)

1. Explanation of Product number :

S L K - J D - 4 7 0 6 - R - 1 6 5 I I - B - 0 . 8 1

1 2 3 4 5



Product Code:
(1) Customer:
JD:集鼎
(2) Project:
4706: SLK-JD-4706(WIFI antenna)
(3) Welding Position
R:Right
(4) Cable Length:
165II: 165*0.81MM 二代端子
(5)Cable Color
B: Black

2. Features

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

3. Applications

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/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.

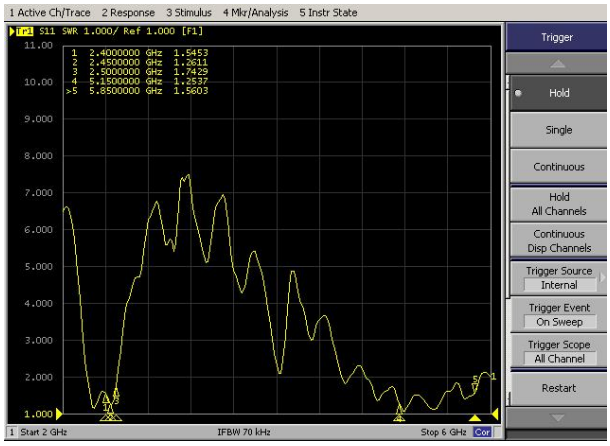
5. Electrical Specifications

5-1

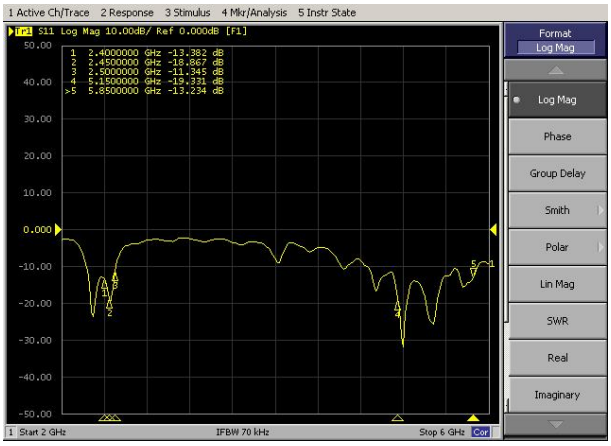
Characteristics	Specifications	Unit
Outline Dimensions	**46.75x6.45x 0.12**	**mm**
Center Frequency	**2.4-2.5/5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	
Impedance	**50**	**Ω**
Polarization	**Linear Polarization**	

5-2.

VSWR

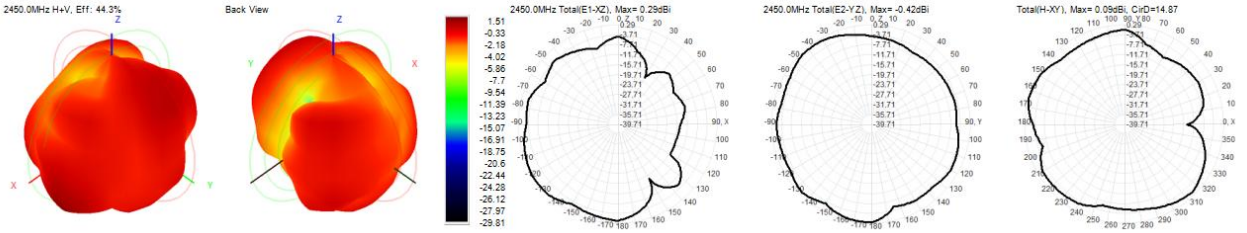


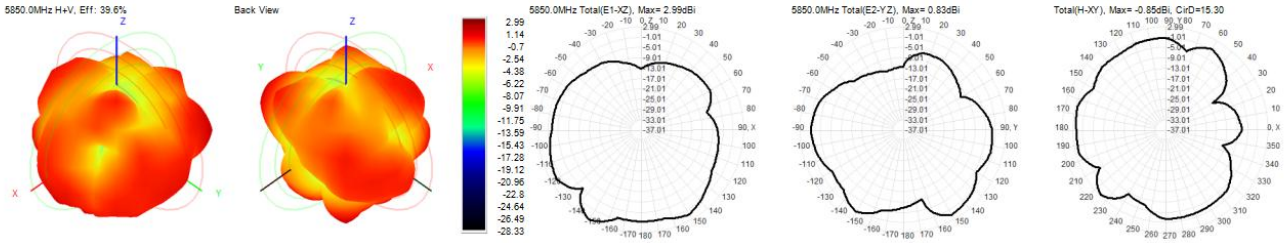
S11



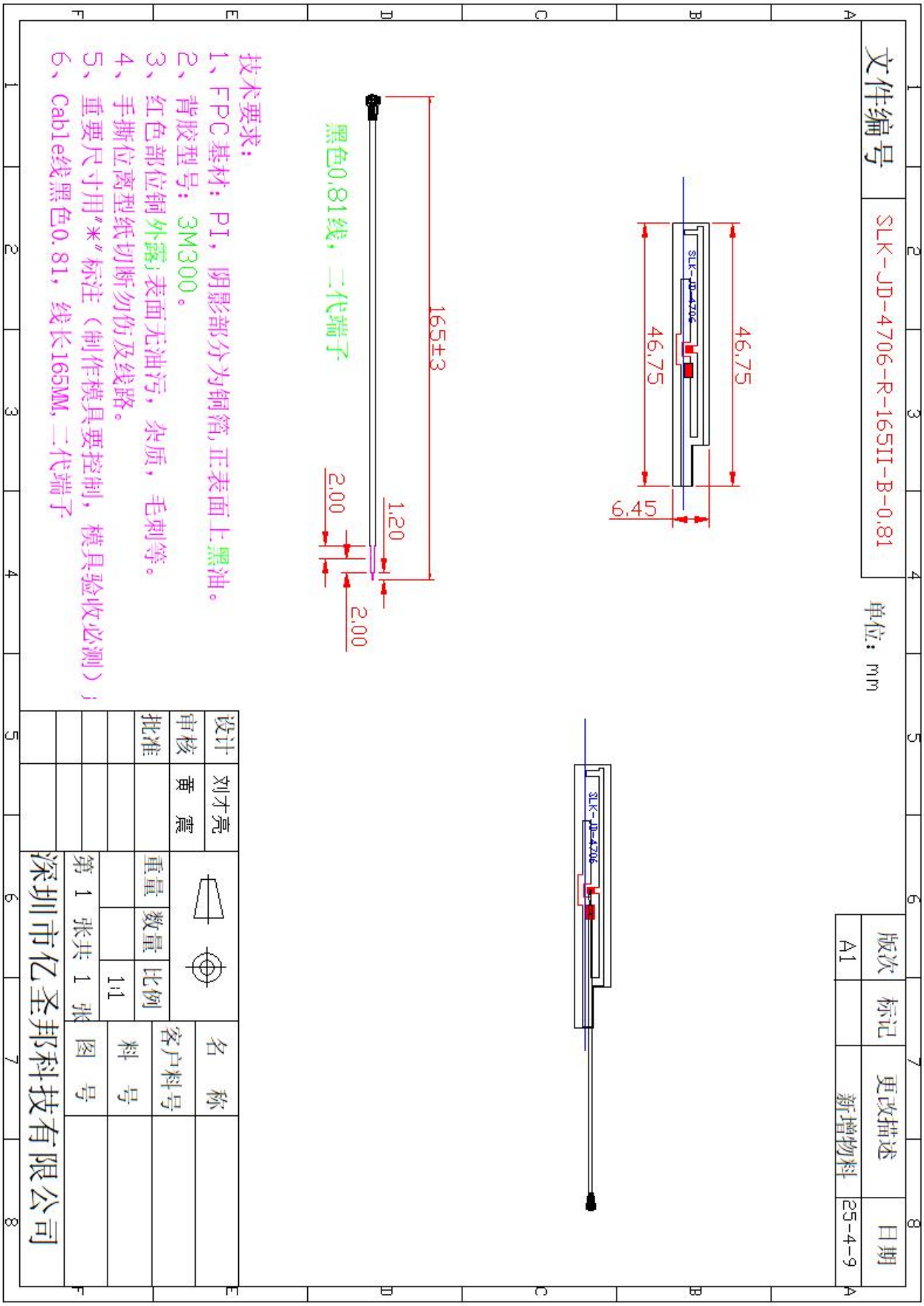
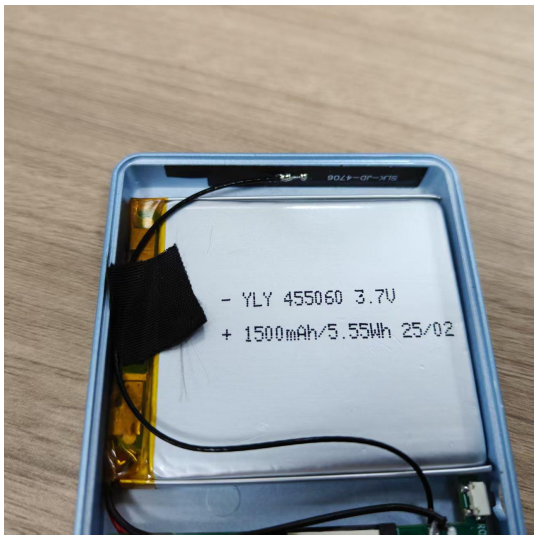
5-3.WIFI MAIN Antenna Gain/Efficiency/3DDATA

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5550	5750	5800	5850
Efficiency (dBi)	-3.77	-3.59	-3.41	-3.43	-3.55	-3.53	-3.26	-3.51	-3.43	-3.37	-3.42	-3.77	-3.90	-3.95	-3.61	-4.04	-4.02
Gain (dBi)	1.32	1.21	1.40	1.49	1.30	1.51	1.87	1.48	1.67	2.15	2.12	3.12	5.13	4.97	4.27	3.34	2.99
Efficiency (%)	42.02	43.79	45.60	45.38	44.20	44.33	47.24	44.54	45.40	46.01	45.48	41.95	40.75	40.27	43.57	39.42	39.65





6. Antenna Dimensions (unit: mm)



7. Antenna Picture