



深圳市亿圣邦科技有限公司

样品承认书



SPECIFICATION FOR APPROVAL

公司名称: 深圳市创鑫股份有限公司
物料代码: 321500247
规格型号:
承认日期: 2024-7-29
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-CX-W2DB-WIFI-SMA

承认签章

供应商承认			深圳市创鑫股份有限公司		
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	2024-7-29		日期		
批示: ☐ 接受 ☐ 有条件接受					

备注:

MAX 创鑫激光		版本	V1.0
确认	MX146 45	2024-07-30 13:37:28	料号 321500247
批准	MX1195	2024-07-30 13:39:24	名称 天线端子

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

Name: Shenzhen Yishengbang Technology Co., Ltd
Address: 101, Building C, Qianwan Hard Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen
TEL: 18025305599 TEL: 18666299104

WIFI Antenna

1. Explanation of Product number :

S L K - C X - W 2 D B - W I F I - S M A

1 2 3 4



Product Code:

(1) Customer:

CX:创鑫

(2) Project:

W2DB: SLK-W2DB 白色

(3) Welding Position

WIFI: WIFI antenna (2.4~2.5GHz)

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.

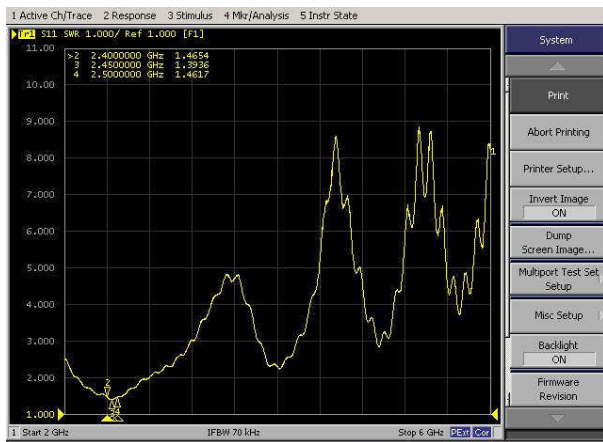
5. Electrical Specifications

5-1

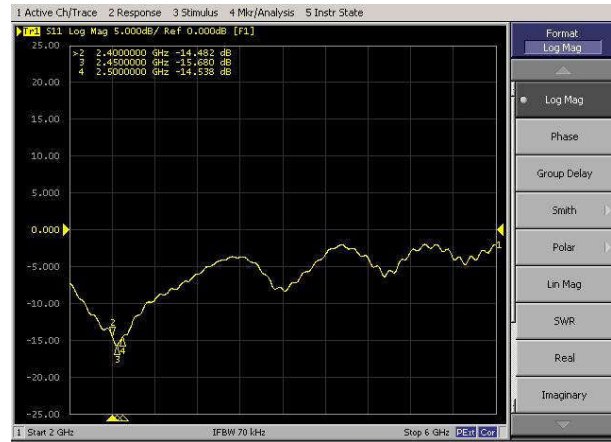
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2 ± 0.5	Gain(dBi)	2 ± 0.5
输出电压 驻波比	≤ 3	VSWR	≤ 3
最大功率	10W	Maximum power	10W
极化方式	水平/垂直极化	Polarization	Horizontal/vertical polarization
方向性	全向性	Radiation	Omni-directional
连接方式	SMA	Connector Type	SMA
物理性能		Physical Properties	
天线材料	ABS	Antenna cover	ABS
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

5-2.

VSWR



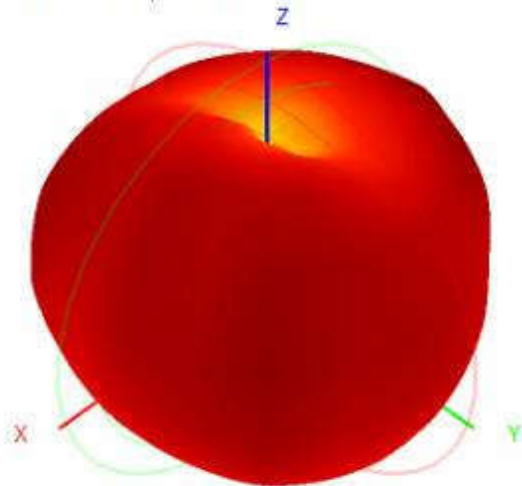
S11



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

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-2.69	-2.36	-2.40	-2.46	-2.50	-2.31	-2.05	-2.17	-2.09	-2.29	-2.44
Gain (dBi)	1.52	2.00	2.03	1.72	1.50	1.48	1.60	1.44	1.42	1.29	1.21
Efficiency (%)	53.83	58.02	57.58	56.74	56.28	58.81	62.35	60.63	61.76	58.99	57.06

2450.0MHz H+V, Eff: 58.8%



Back View

