

# 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) : 深圳市迈迪杰电子科技有限公司  
物料代码 (客户填写) : 2.18.0236  
规格型号 (客户填写) : N116FJL01  
承认日期 (客户填写) : \_\_\_\_\_  
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 2:SLK-MDJ-2520B-R-220I-B

### 承 认 签 章

供 应 商 承 认 (SLK 填写栏)			深圳市迈迪杰电子科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
范新竹	黄震	林美财			
盖章签署			盖章签署		
日 期	2022-10-2		日 期		
批示: <input type="checkbox"/> 接受 <input type="checkbox"/> 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: 深圳市宝安区西乡街道南昌社区前湾硬科技产业园 C 栋 101

电 话: 18666299104

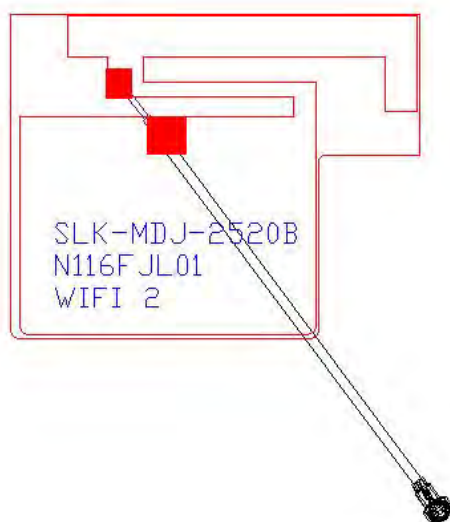
传 真: 0769-82553116

## WIFI 2 Antenna (2520B)

### 1. Explanation of Product number :

**S L K - M D J - 2 5 2 0 B - R - 2 2 0 I - B**

**1                      2                      3                      4                      5**



Product Code:

(1) Customer:

MDJ:迈迪杰

(2) Project:

2520B: SLK-MDJ-2520B(WIFI 2 antenna)

(3) Welding Position

R:Right

(4) Cable Length:

220I: 220\*1.13MM 1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

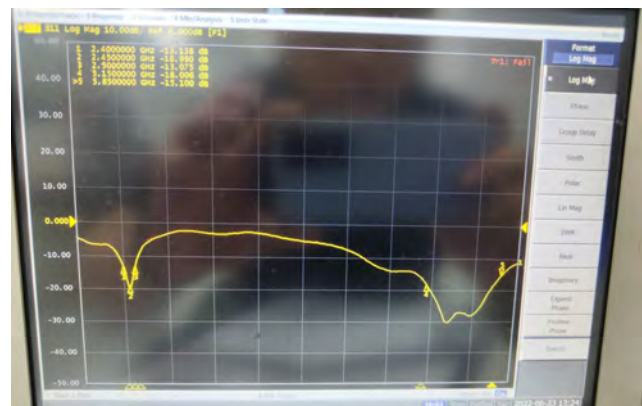
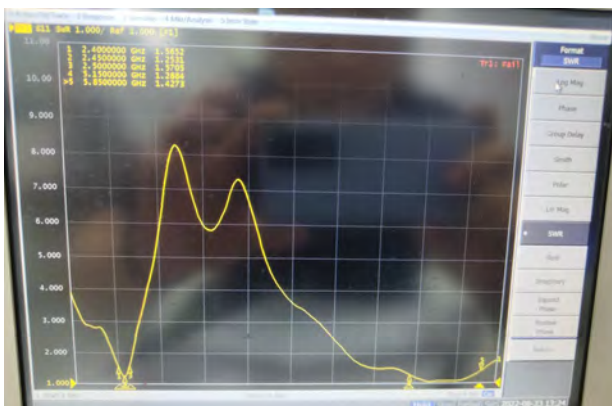
### 5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x20.09x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

### 5-2.

VSWR

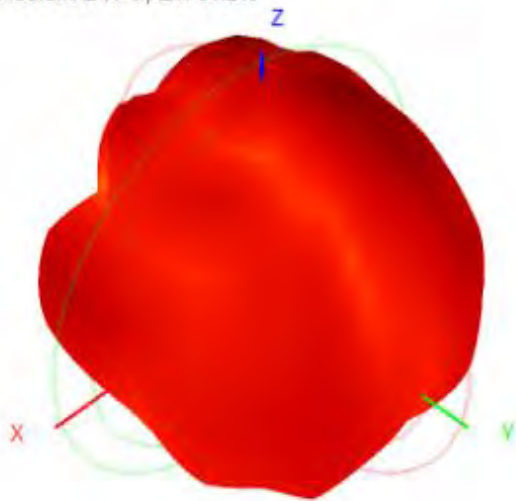
S11



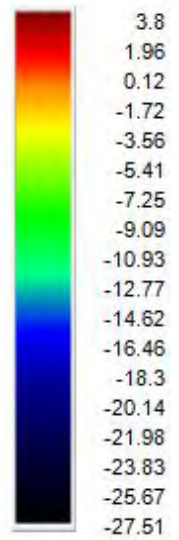
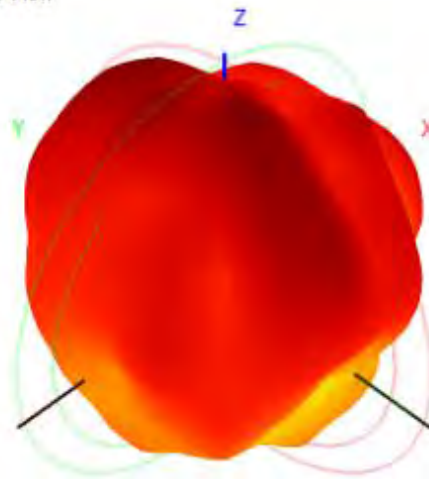
### 5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-2.42	-2.35	-2.37	-2.27	-2.24	-2.13	-2.04	-2.07	-2.19	-2.04	-1.92	-2.41	-1.98	-2.07	-1.77	-1.55
Gain (dBi)	3.96	3.94	3.52	3.49	3.59	3.80	4.09	3.88	3.79	3.71	3.94	2.25	3.14	2.50	4.10	4.57
Efficiency (%)	57.25	58.20	57.91	59.33	59.73	61.19	62.48	62.15	60.39	62.50	64.22	57.35	63.38	62.09	66.58	70.04

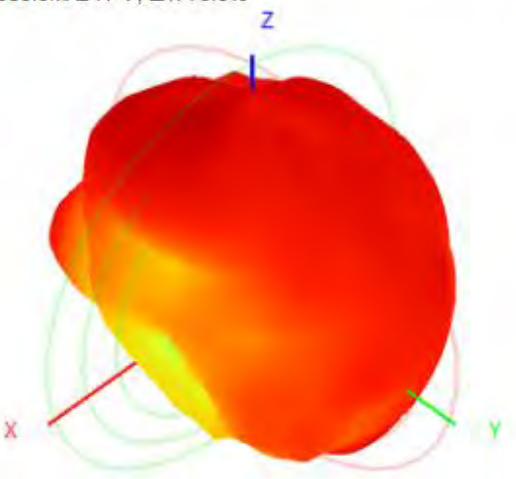
2450.0MHz H+V, Eff: 61.2%



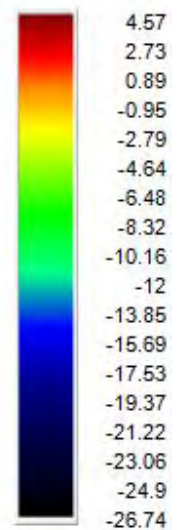
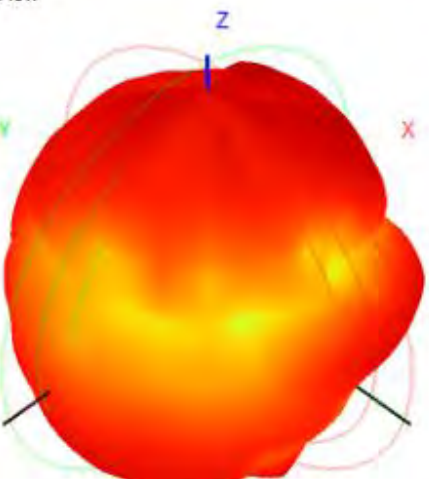
Back View



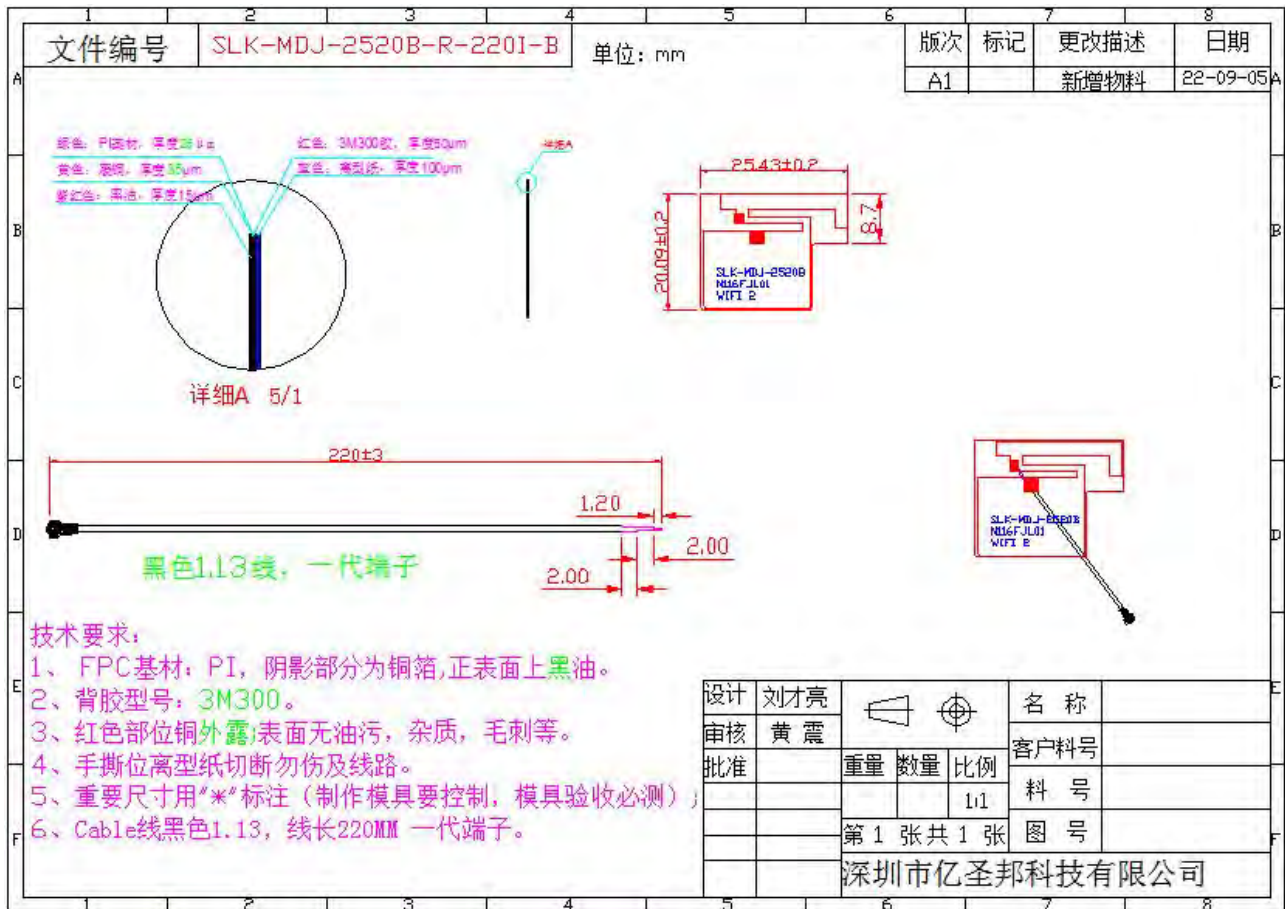
5850.0MHz H+V, Eff: 70.0%



Back View



## 6. Antenna Dimensions (unit: mm)



绿色: PI基材, 厚度25 μm

红色: 3M300胶, 厚度50 μm

黄色: 覆铜, 厚度35 μm

蓝色: 离型纸, 厚度100 μm

紫红色: 黑油, 厚度15 μm

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## 7. Antenna Picture

