

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) : 2.18.0235
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 1:SLK-MDJ-2520A-L-150I-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

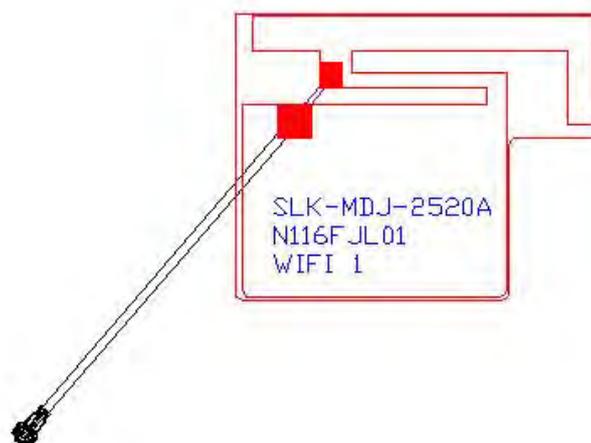
传 真: 0769-82553116

WIFI 1 Antenna (2520A)

1. Explanation of Product number :

S L K - M D J - 2 5 2 0 A - L - 1 5 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

MDJ:迈迪杰

(2) Project:

2520A: SLK-MDJ-2520A(WIFI 1 antenna)

(3) Welding Position

L: Left

(4) Cable Length:

150I: 150*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.

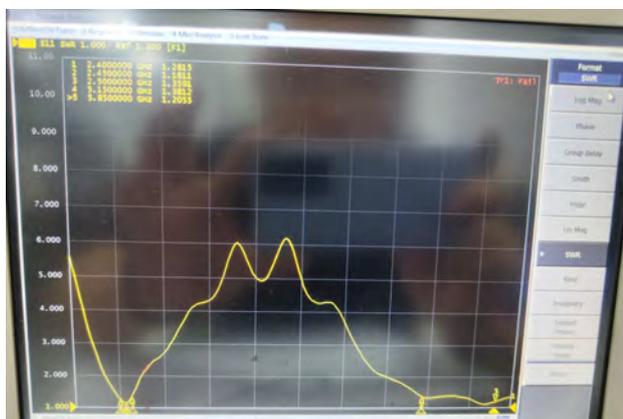
5. Electrical Specifications

5-1

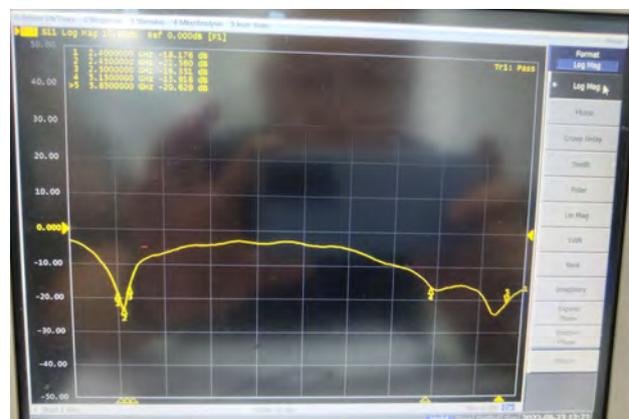
Characteristics	Specifications	Unit
Outline Dimensions	25.43x20.09x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



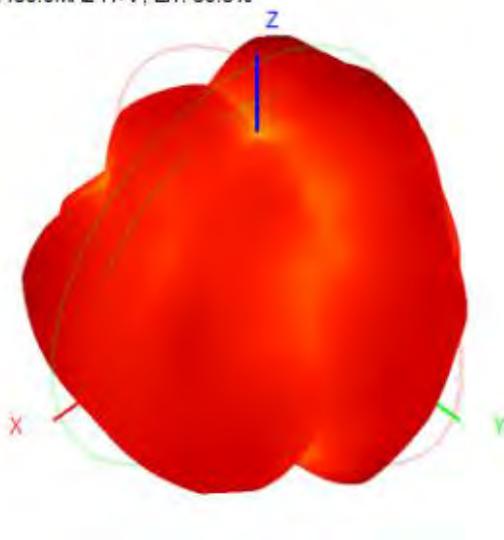
S11



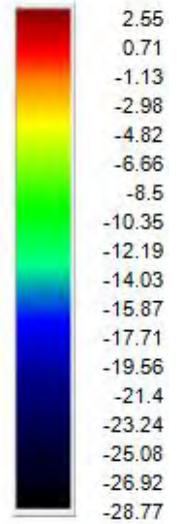
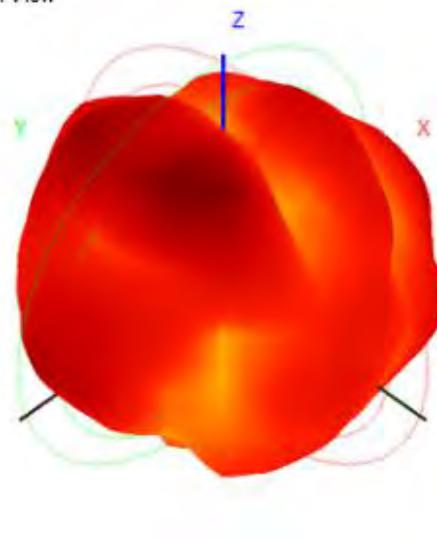
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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)	-2.37	-2.36	-2.32	-2.36	-2.31	-2.33	-2.19	-2.38	-2.79	-2.65	-2.62	-2.25	-2.21	-2.33	-2.17	-1.84
Gain (dBi)	2.94	2.79	2.38	2.34	2.42	2.55	2.71	2.63	2.15	2.33	2.50	4.06	5.20	4.02	4.02	5.59
Efficiency (%)	57.89	58.09	58.68	58.12	58.71	58.50	60.46	57.78	52.58	54.38	54.66	59.53	60.18	58.48	60.70	65.43

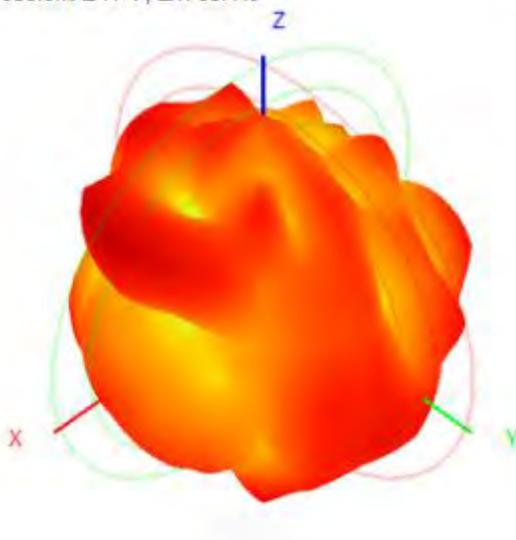
2450.0MHz H+V, Eff: 58.5%



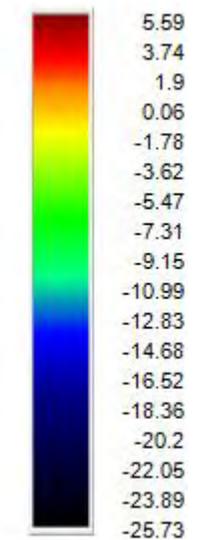
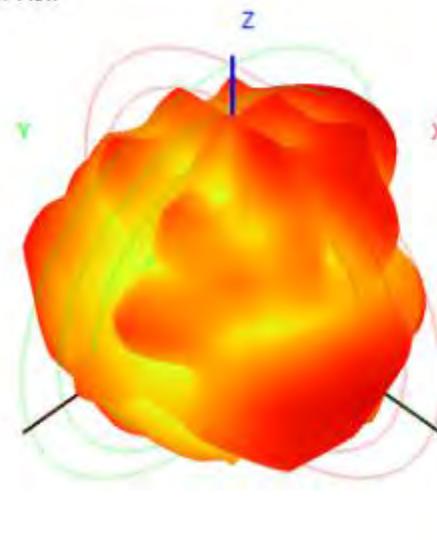
Back View



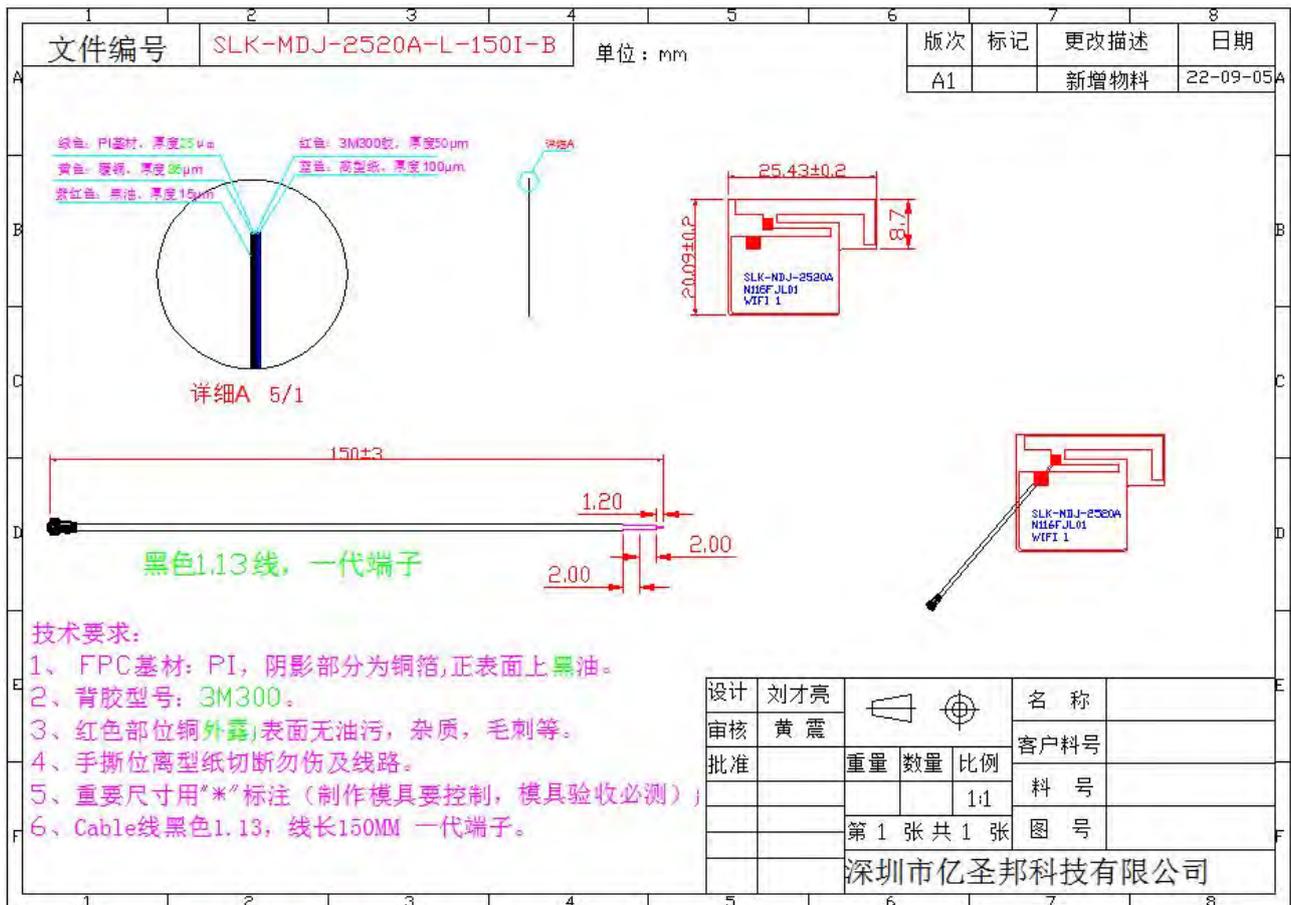
5850.0MHz H+V, Eff: 65.4%



Back View



6. Antenna Dimensions (unit: mm)



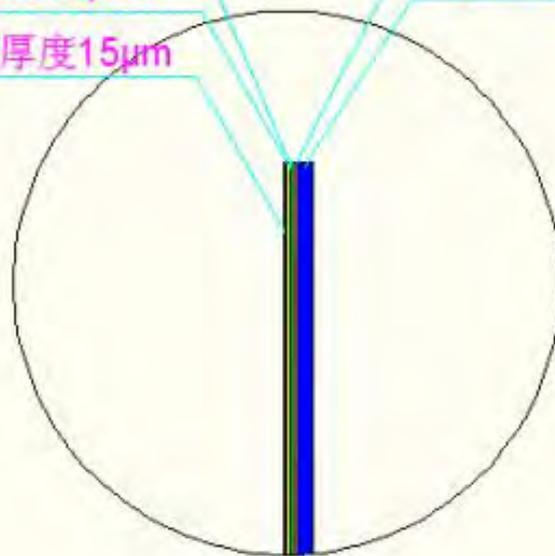
绿色: PI基材, 厚度25 µm

黄色: 覆铜, 厚度35µm

紫红色: 黑油, 厚度15µm

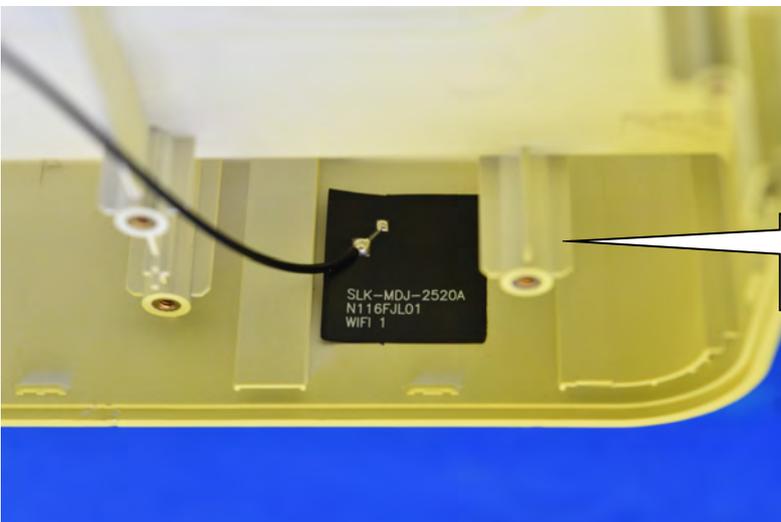
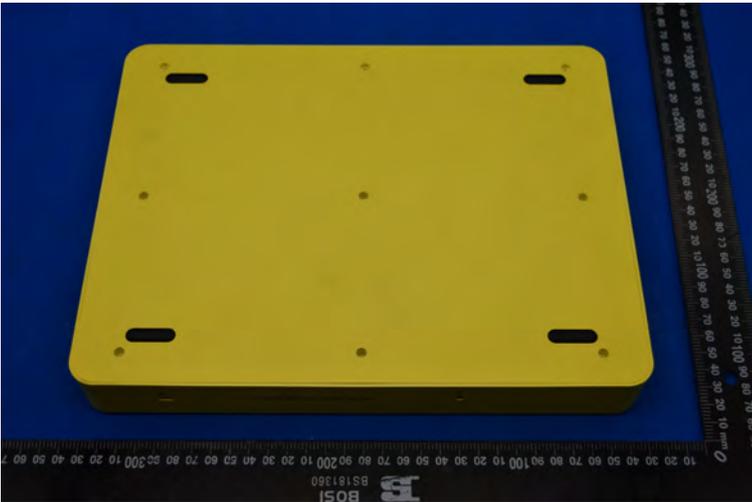
红色: 3M300胶, 厚度50µm

蓝色: 离型纸, 厚度100µm



详细A 5/1

7. Antenna Picture



TFI 1 天线