

The Holy bond Electronics Co., Ltd.

SPECIFICATION FOR APPROVAL

Company Name : Shenzhen Hongshengda Optoelectronic Technology Co., Ltd

Material Code : _____

Model : H01

Date : _____

Supplier : The Holy bond Electronics Co., Ltd.

Material : WIFI:SLK-HSD-2622-M-3701-B

Supplier: The Holy bond Electronics Co., Ltd.

Address: Room 101, Building C, Qianwan Hard Technology
Industrial Park, Baoan District, Shenzhen

Phone: 18025305599

Tel: 18666299104

WIFI Antenna (2622)

1. Explanation of Product number :

S L K - H S D - 2 6 2 2 - M - 3 7 0 I - B

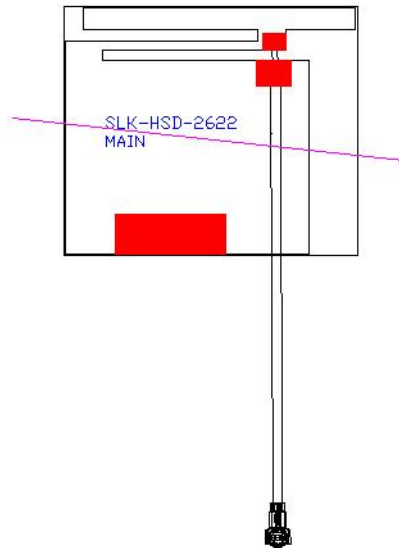
1

2

3

4

5



Product Code:

(1) Customer:

HSD:鸿晟达

(2) Project:

2622: SLK-HSD-2622 (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

370: 370*1.13MM

(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.

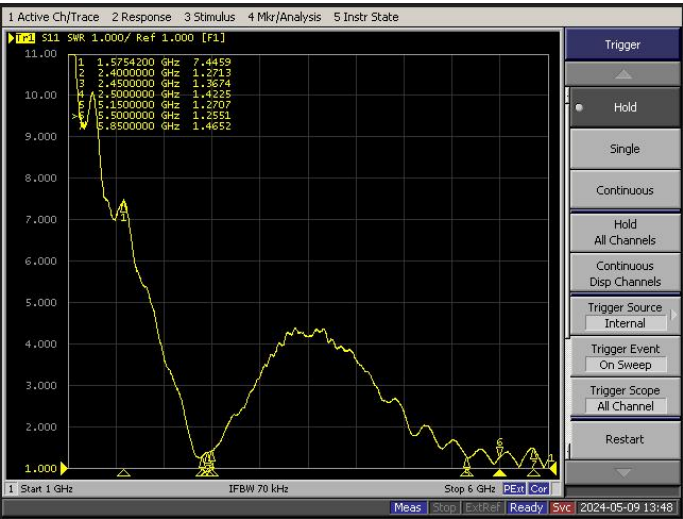
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	26.5x 22.5x 0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR

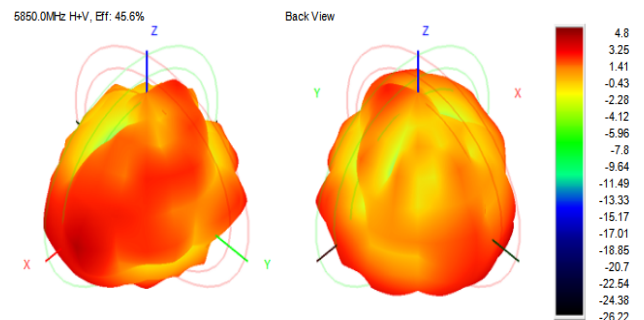
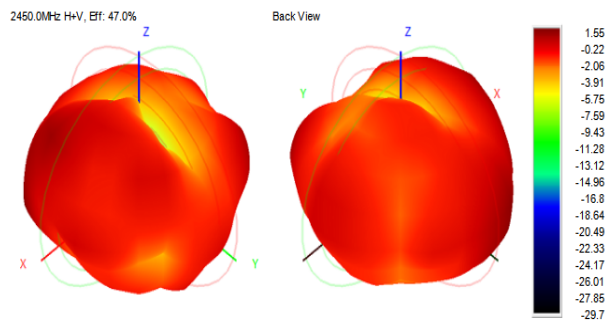


S11

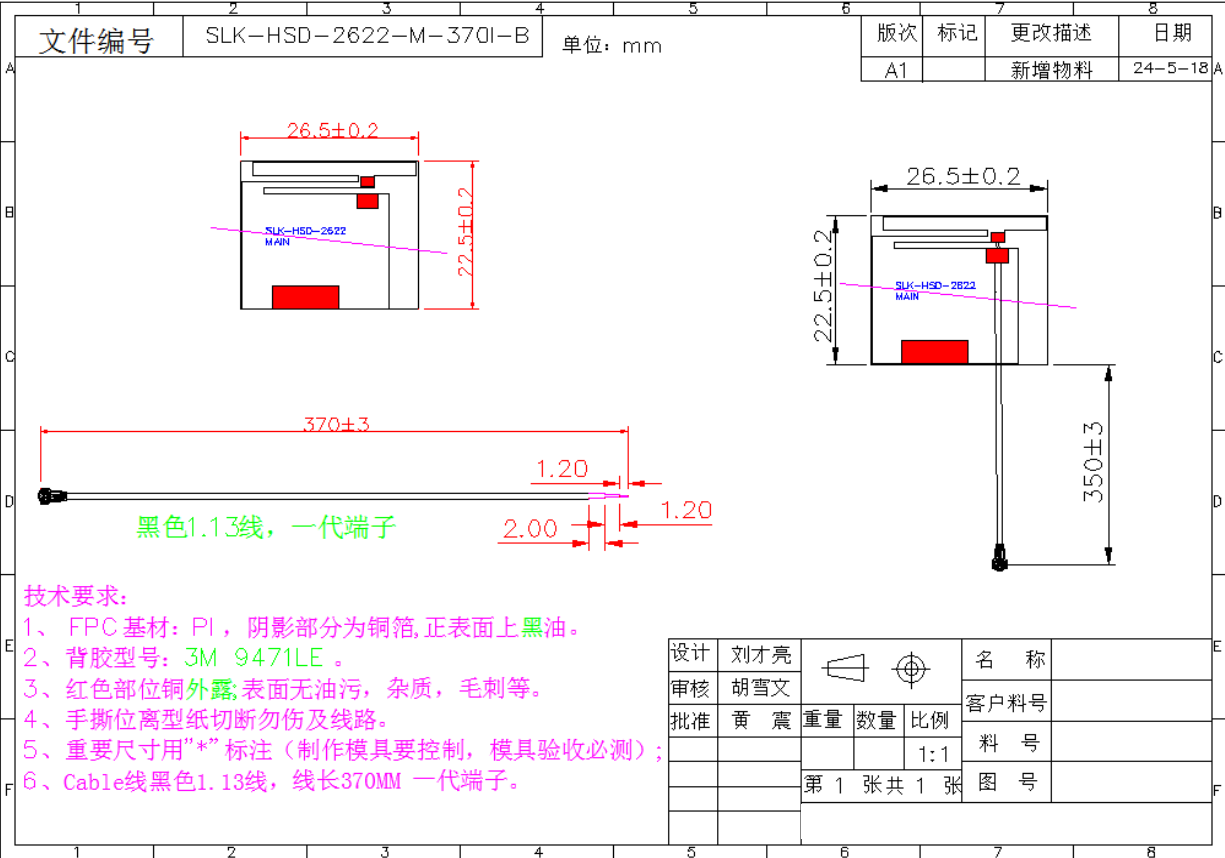


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.41	0.94	45.57
2410	-3.39	0.94	45.80
2420	-3.01	1.52	50.01
2430	-3.21	1.40	47.79
2440	-3.16	1.55	48.35
2450	-3.28	1.55	47.04
2460	-2.99	2.11	50.24
2470	-3.27	1.95	47.06
2480	-3.20	2.15	47.84
2490	-3.10	2.44	49.03
2500	-3.12	2.11	48.71
5150	-3.66	3.00	43.06
5350	-3.45	3.46	45.18
5450	-3.17	3.83	48.14
5550	-3.48	2.45	44.86
5750	-3.57	3.51	44.00
5850	-3.41	4.80	45.57



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

