

# Shenzhen Yi Sheng Bang technology Co., LTD

## SPECIFICATION FOR APPROVAL

Company name : HENA  
Material code : \_\_\_\_\_  
Specification and model : HA142  
Date of recognition : \_\_\_\_\_  
Supplier name : Shenzhen Yi Sheng Bang technology Co., LTD  
Supplier specification number: : WIFI/BT:SLK-YH-3020D-L-2201V-B

### Seal and sign

Supplier recognition			HENA		
Engineer	Quality	Structure	Engineer	Examine	permission
曾立文	黄震	林美财			
permission			Seal and sign		
Date	2023-01-02		Date		
Remark:					

Supplier name: Shenzhen Yi Sheng Bang technology Co., LTD

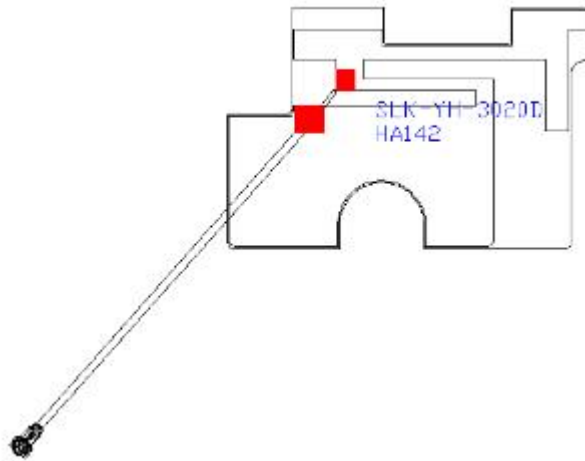
Supplier address: 2 / F, No. 13, Yinyuan Street, Jiaoyi Tang, Tangxia Town,  
Dongguan City

Tel: 0769-82553115

Fax: 0769-82553116

# WiFi Antenna

## 1. Explanation of Product number :



Product Code:

(1) Customer: HENA

(2) Antenna Name: WiFi Antenna (2.4-2.5/5.15-5.85GHz)

(3) Connector: 1.13 Black line L=220mm

## 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 External antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

## 5. Electrical Specifications

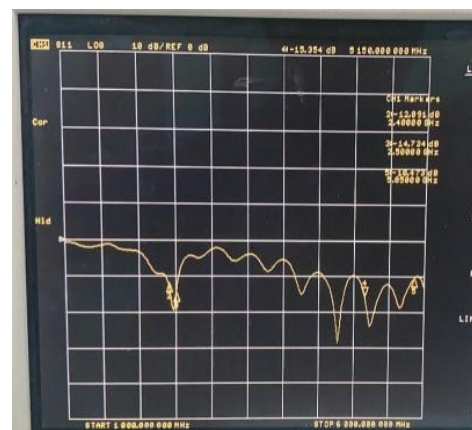
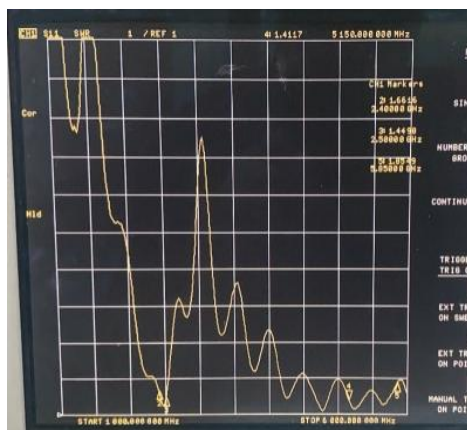
5-1

Characteristics	Specifications	Unit
Outline Dimensions	30.3*20.0*0.12	mm
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	$\Omega$
Polarization	Linear Polarization	

5-2

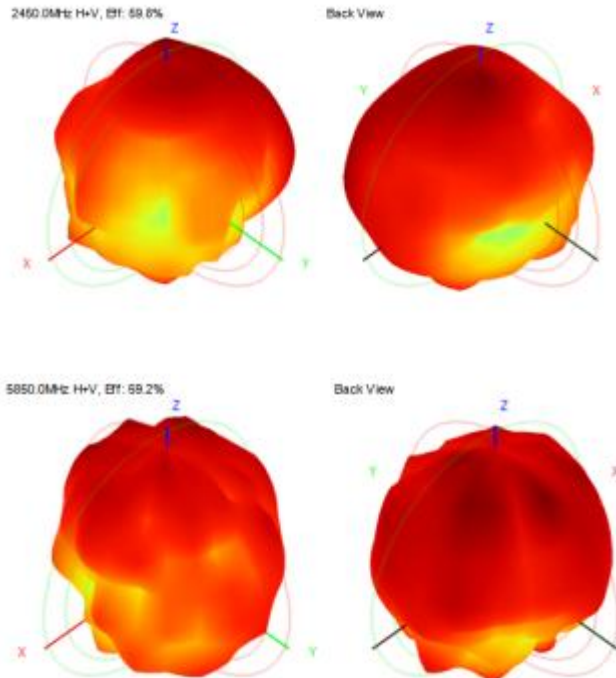
VSWR

S11

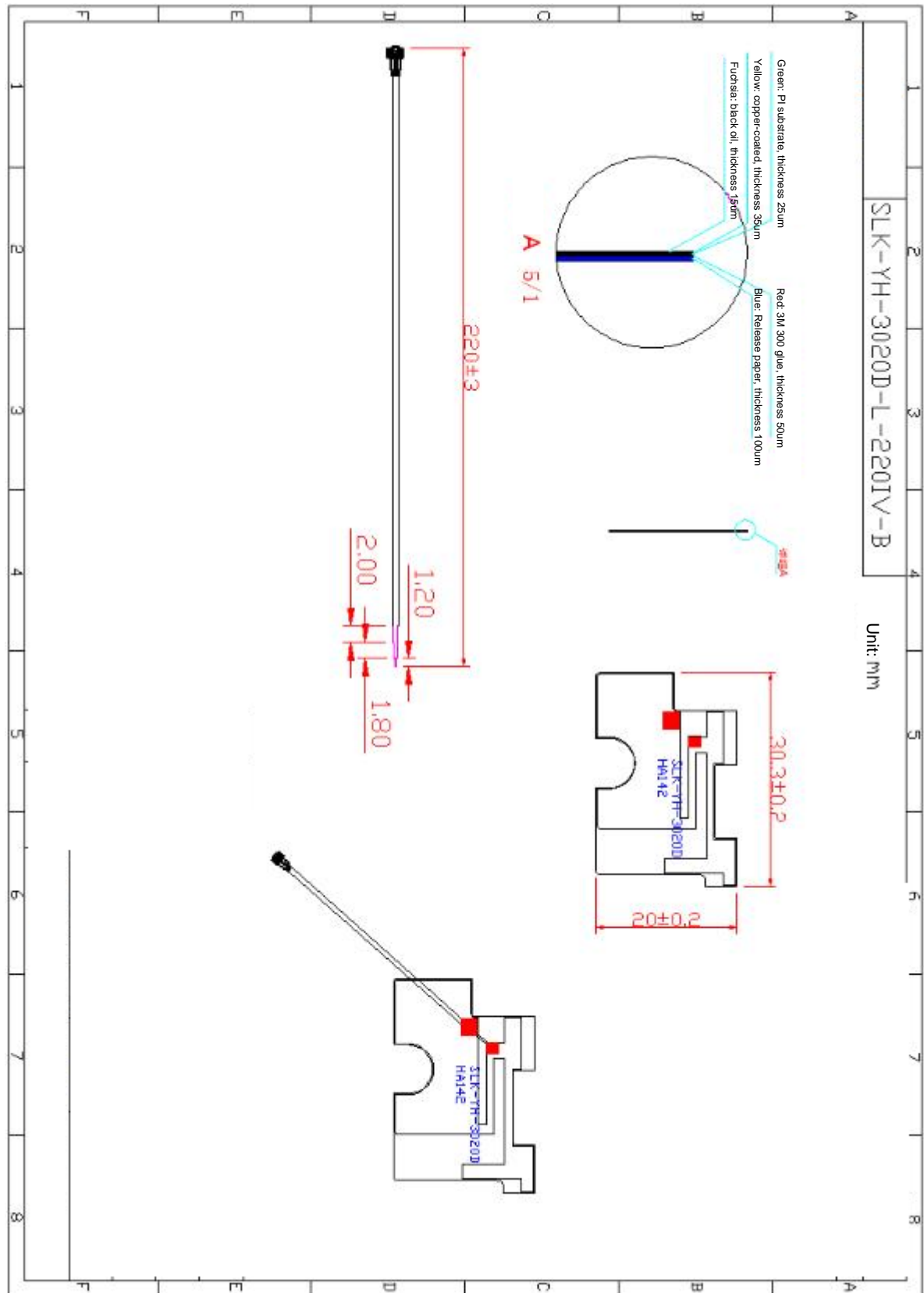


### 5-3.WIFI/BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-2.46	3.44	56.70
2410.0	-2.29	3.35	59.01
2420.0	-2.38	3.48	57.88
2430.0	-2.14	3.81	61.12
2440.0	-2.23	4.01	59.87
2450.0	-2.24	4.19	59.76
2460.0	-2.20	3.83	60.23
2470.0	-2.44	3.51	56.96
2480.0	-2.36	3.50	58.05
2490.0	-2.23	3.73	59.82
2500.0	-2.41	3.78	57.38
5150.0	-2.54	3.01	55.73
5350.0	-2.45	2.71	56.87
5550.0	-2.90	2.58	51.44
5650.0	-2.54	3.47	55.73
5850.0	-2.27	3.97	59.25



## 6. Antenna Dimensions (unit: mm)



## 7. Antenna Pictur

