Shenzhen Yishengbang Technology Co., LTD

SPECIFICATION FOR APPROVAL

Company name (filled in by customer) :Shenzhen Weihejia electronic Technology Co., LTD

Material code (fill in by customer) :

Gauge type number (filled in by customer) : 180单

Acceptance date (for customer):

Supplier Name: Shenzhen Yishengbang Technology Co., LTD

Specification: WIFIMAIN:SLK-WHJ-1614F1-R-100IV-B

WIFIAUX:SLK-WHJ-1614F2-R-70IV-G

APPROVAL SIGNATURE					
COMPANY Name			Shenzhen Weihejia electronic Technology Co., LTD		
ENGINEER	QUALITY	ME	ENGINEER	CHECK	APPROVAL
Chenshilian	Chenjiexing	Liucailiang			
APPROVAL	Lin Cai		SIGNATURE		
DATE	2023-11-07		DATE		
REMARK:					

Supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier Address: 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Bao 'an District, Shenzhen

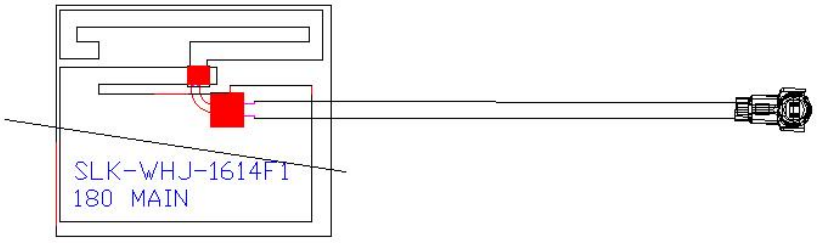
Tel: 18525305599 Tel: 18666299104

WIFIMAIN Antenna (1614F1)

1. Explanation of Product number :

S L K - W H J - 1 6 1 4 F 1 - R - 1 0 0 I V - B

1 2 3 4 5



Product Code:
(1) Customer:
WHJ:伟合佳
(2) Project:
1614F1: SLK-1614F1(WIFIMAIN antenna)
(3) Welding Position
R:Right
(4) Cable Length:
100IV: 100*0.81MM四代端子
(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 (802.11 a/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

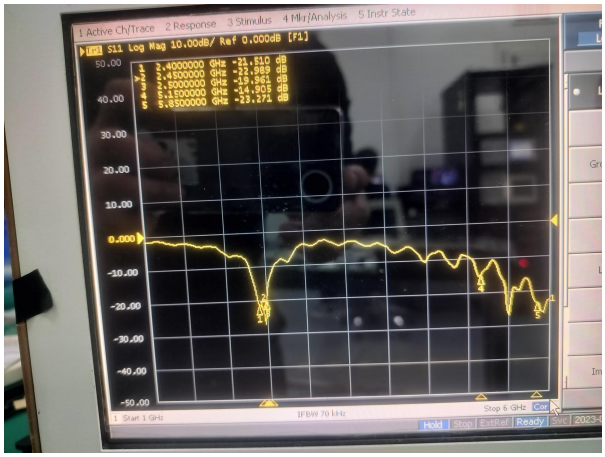
5-1

Characteristics	Specifications	Unit
Outline Dimensions	**16.71x14.03x 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.

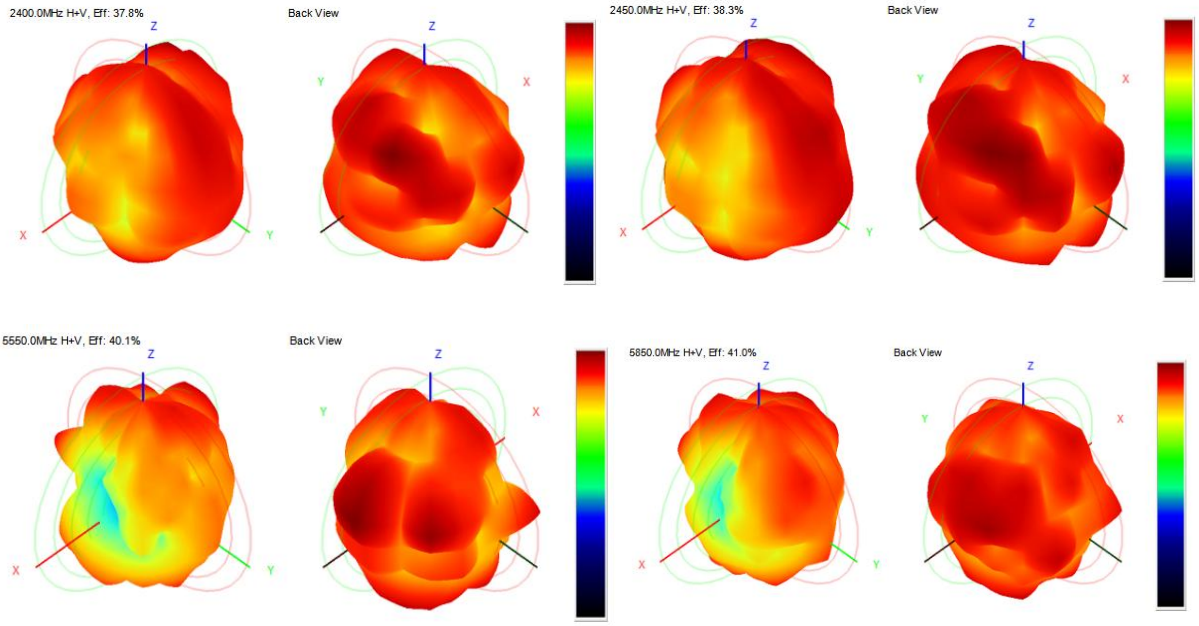
VSWR

S11

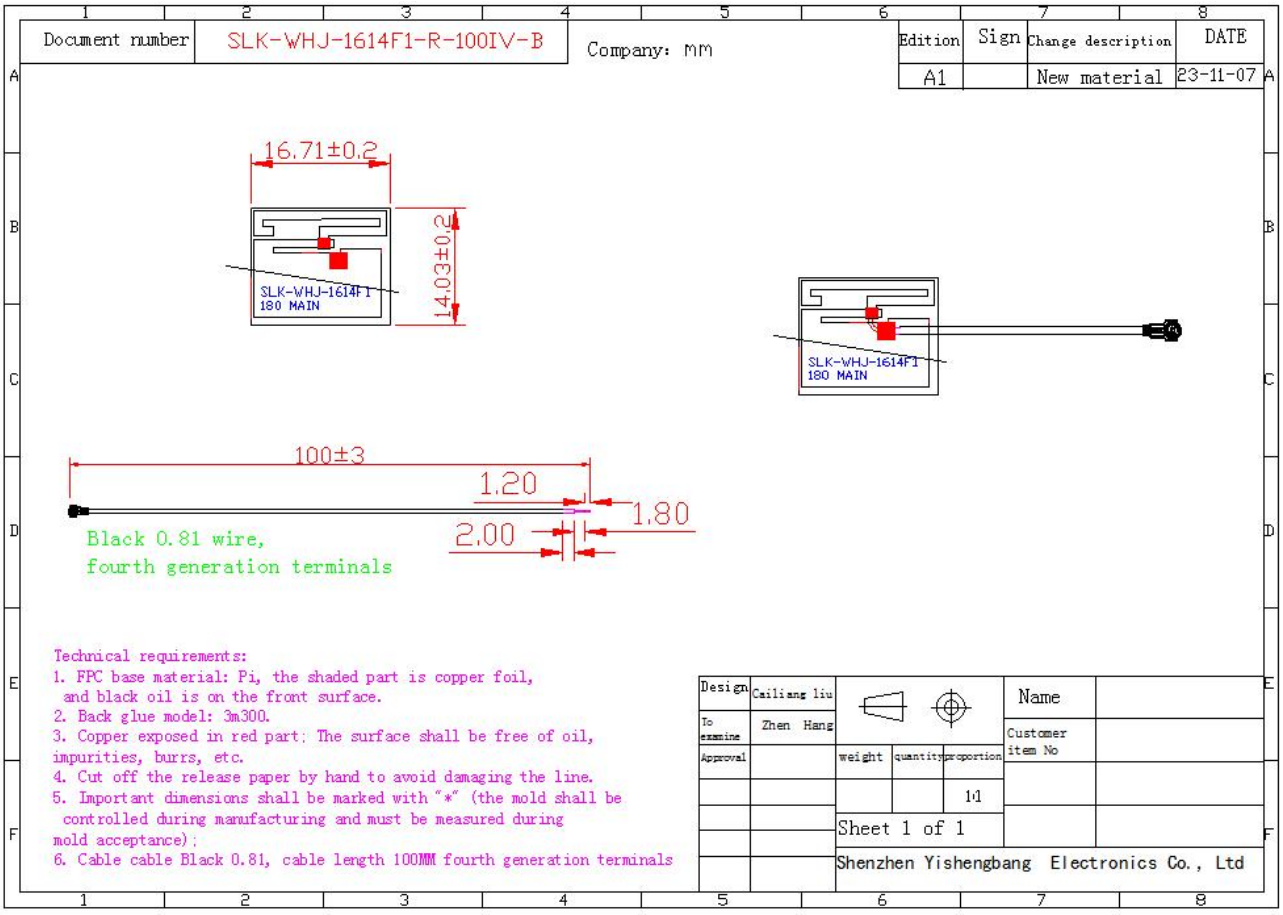


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.23	2.27	37.80
2410.0	-4.02	2.38	39.65
2420.0	-3.92	2.22	40.58
2430.0	-3.83	1.94	41.41
2440.0	-4.02	1.51	39.61
2450.0	-4.16	1.35	38.35
2460.0	-4.08	1.34	39.11
2470.0	-4.58	0.97	34.80
2480.0	-4.56	1.76	35.02
2490.0	-4.43	2.14	36.06
2500.0	-4.27	2.31	37.44
5150.0	-4.02	1.70	39.64
5350.0	-4.33	2.76	36.88
5725.0	-3.97	2.05	40.08
5750.0	-3.58	2.47	43.86
5850.0	-3.87	2.56	41.05



6. Antenna Dimensions (unit: mm)

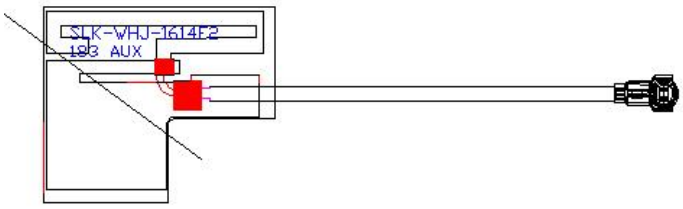


WIFIAUX Antenna (1614F2)

1.Explanation of Product number :

S L K - W H J - 1 6 1 4 F 2 - R - 7 0 I V - G

1 2 3 4 5



Product Code:
(1) Customer:
WHJ: 伟合佳
(2) Project:
1614F2: SLK-1614F2(WIFIAUX antenna)
(3) Welding Position
R:Right
(4) Cable Length:
70IV: 70*0.81MM四代端子
(5)Cable Color
G: Gray

2. Features

*Stable and reliable in performances
*Compact size
*RoHS compliance

3. Applications

* IEEE802.11 (a/b/g/n)
* Hand-held devices when WIFI (802.11 a/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.

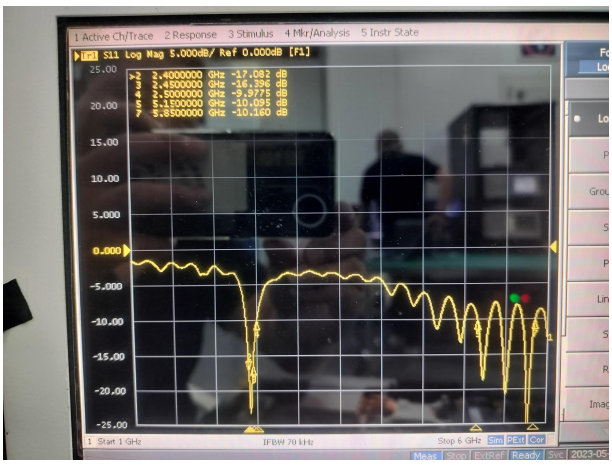
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	**16.71x14.03x 0.12**	**mm**
Center Frequency	**2.4-2.5-5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

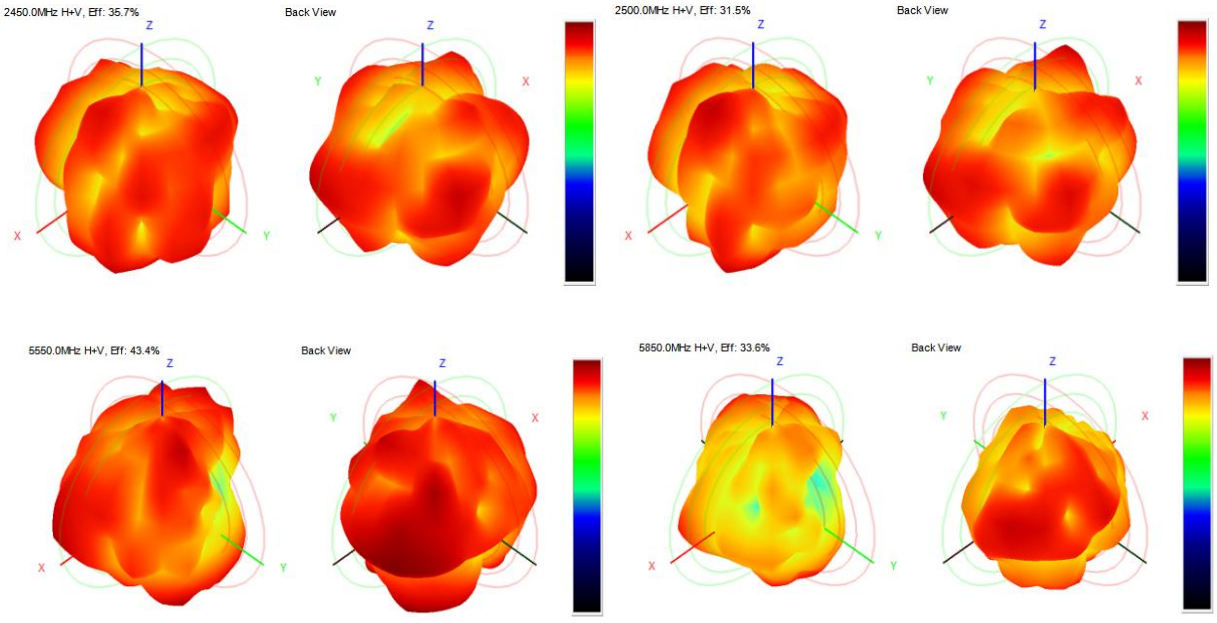
5-2.

VSWR **S11**

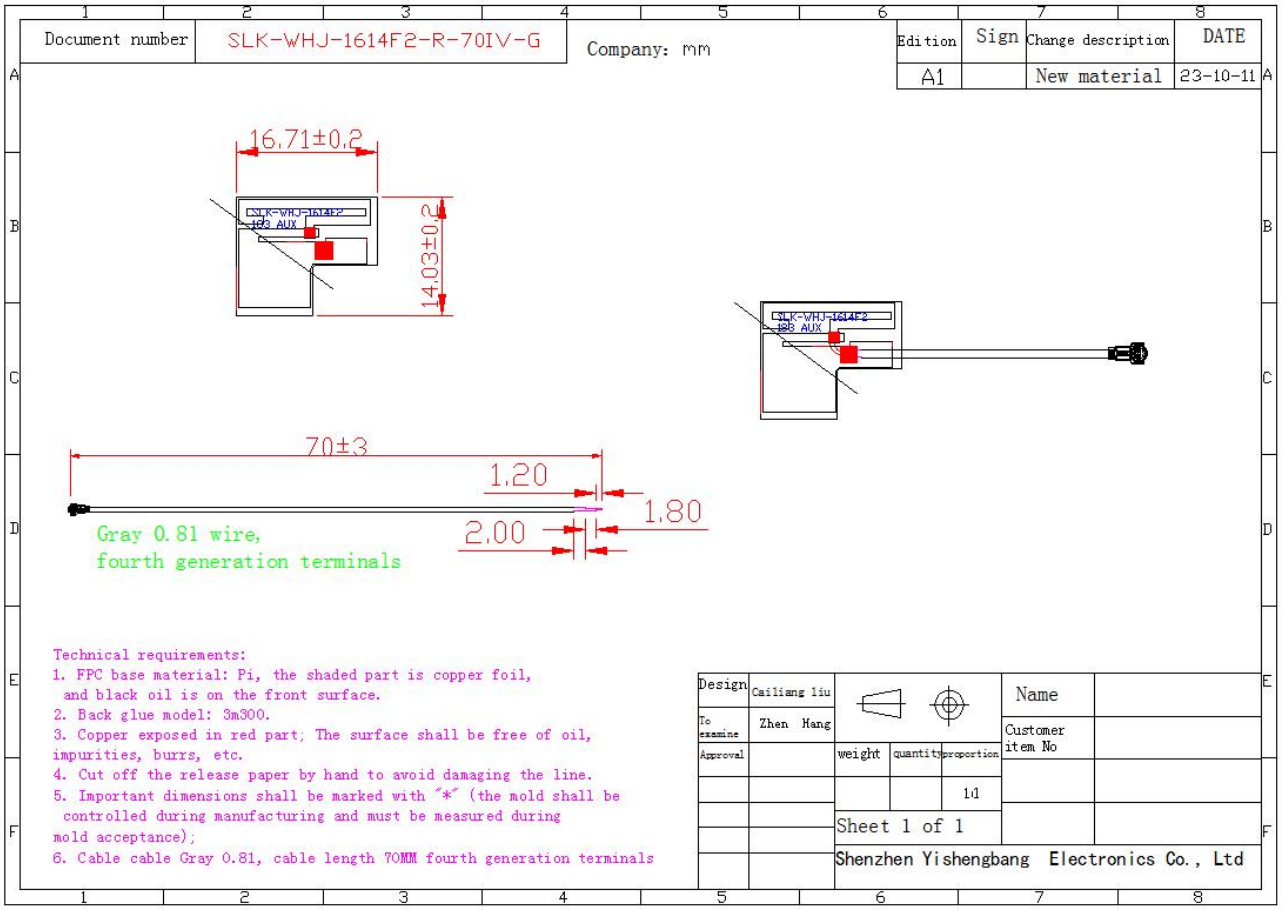


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.58	3.16	34.80
2410.0	-4.76	2.96	33.45
2420.0	-4.56	2.70	35.03
2430.0	-4.30	2.95	37.19
2440.0	-4.46	2.66	35.83
2450.0	-4.47	2.53	35.73
2460.0	-4.41	2.63	36.22
2470.0	-4.67	2.30	34.16
2480.0	-4.50	2.71	35.49
2490.0	-4.74	2.90	33.59
2500.0	-5.01	2.58	31.53
5150.0	-4.44	2.67	36.00
5350.0	-4.30	2.49	37.11
5725.0	-3.62	2.30	43.44
5750.0	-3.93	2.27	40.48
5800.0	-4.02	2.77	39.65
5850.0	-4.74	2.51	33.56



6. Antenna Dimensions (unit: mm)



7. Antenna Picture