

Shenzhen Yi Sheng Bang technology Co., LTD

Sample acceptance

SPECIFICATION FOR APPROVAL

Name of the company (Customer filling): Shenzhen Maoxian Electronics Co., LTD

Material code (Customer filling): _____

Grid type number (Customer filling): _____ ANB01

Acceptance date (Customer filling): _____

For the name of the business (SLK field): Shenzhen Yi Sheng Bang technology Co., LTD

Supplier gauge type number (SLK field): WIFIMAIN:SLK-MX-2516R-R-115IV-B

WIFIAUX:SLK-MX-2118-R-75IV-G

Acceptance stamp					
Acceptance by supplier (SLK field)			Shenzhen Maoxian Electronics Co., LTD		
engineer	check	approval	engineer	check	approval
陈仕联	黄震	林美财			
Seal and sign			Seal and sign		
Day period		2024-3-15	Day period		
Instructions: ☐ Accepted ☐ Accepted with conditions					
remark (Customer filling):					

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

Supplier Address: 2nd Floor, No. 5, Yinyuan Street, Jiaoyitang,
Tangxia Town, Dongguan City

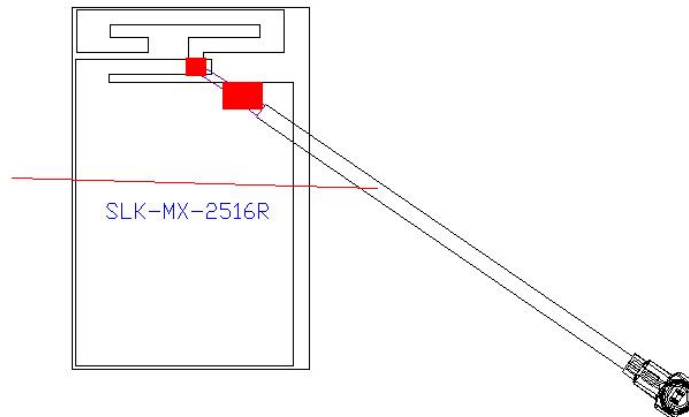
Tel: 0755-29475882 Transmission: 0755-29163512

WIFIMAIN Antenna (2516R)

1. Explanation of Product number :

S L K - M X - 2 5 1 6 R - R - 1 1 5 I V - B

1 2 3 4 5



Product Code:

(1) Customer:

MX:茂现

(2) Project:

2516R: SLK-MX-2516R (WIFIMAIN antenna)

(3) Welding Position

R: Right

(4) Cable Length:

115IV: 115*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 (802.11a/b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11a/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.

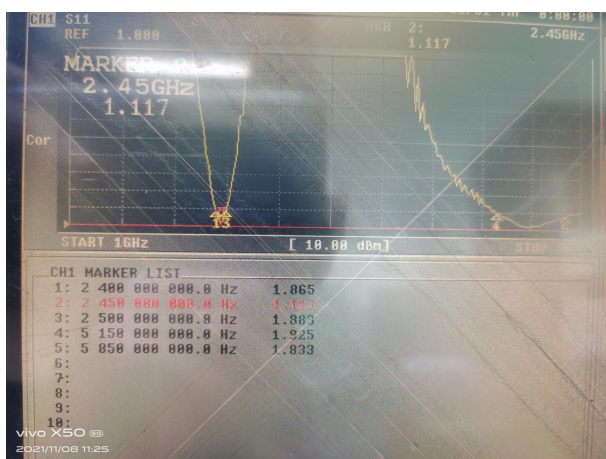
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.4x 16.71x 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



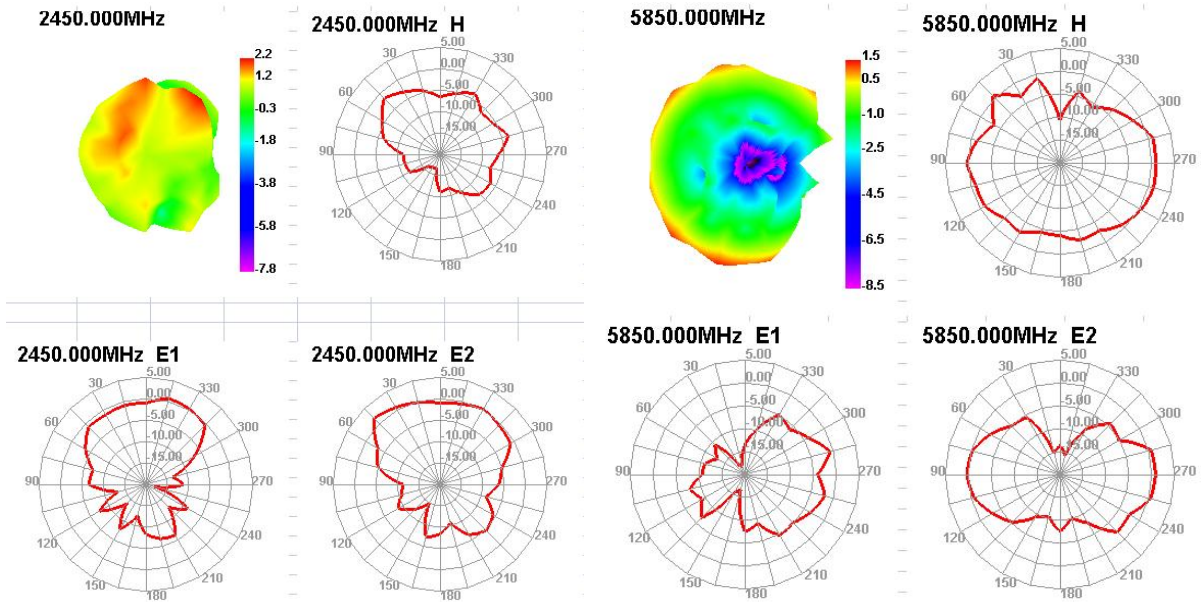
S11



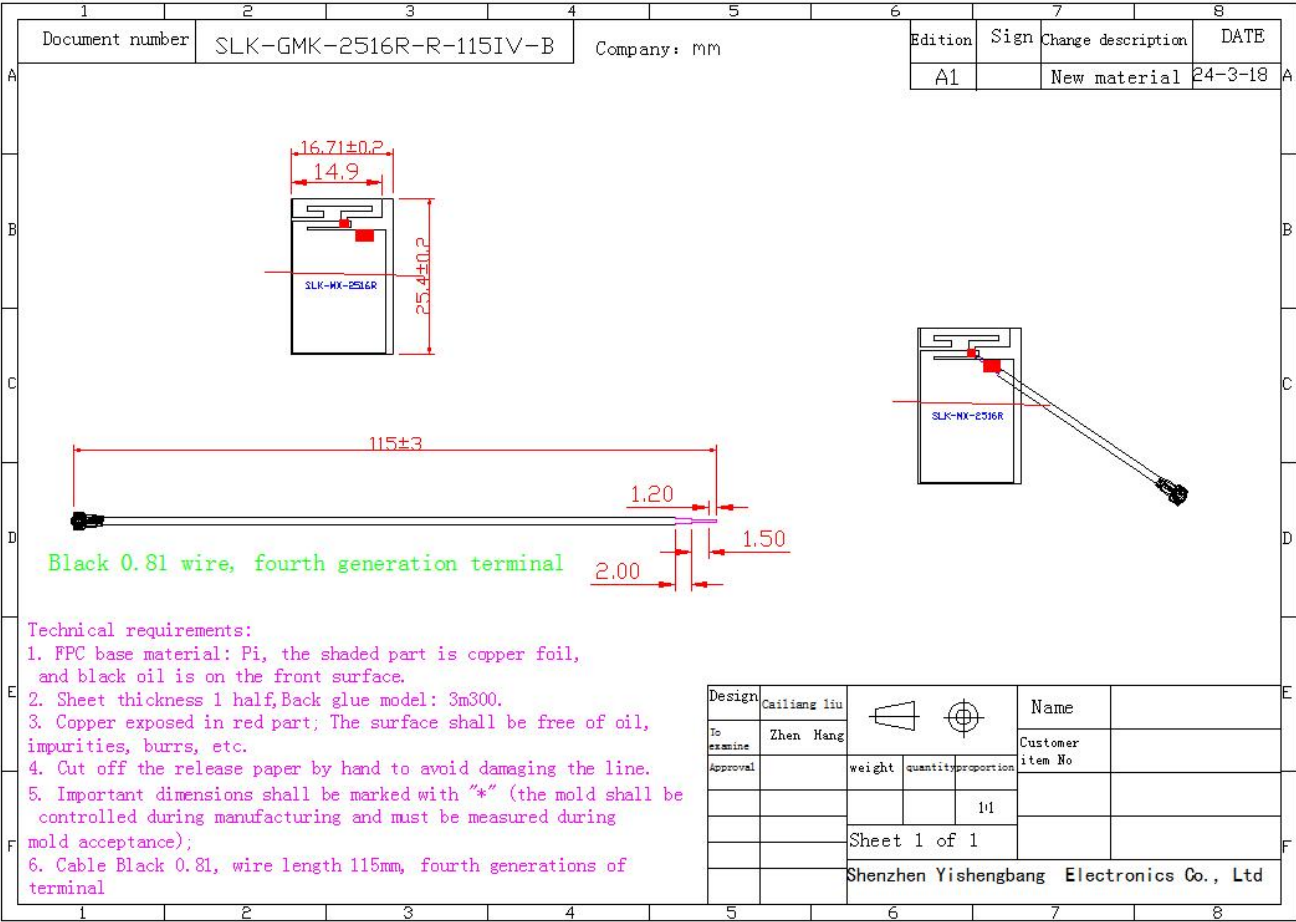
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.88	-3.88	2.32
2410	42.15	-3.75	2.52
2420	40.4	-3.94	2.33
2430	39.34	-4.05	2.21
2440	39.68	-4.01	2.23
2450	38.93	-4.1	2.2
2460	37.83	-4.22	2.01
2470	37.58	-4.25	2.03
2480	39.04	-4.09	2.01
2490	42.14	-3.75	2.26
2500	44.5	-3.52	2.4
5150	34.88	-4.57	0.74
5250	35.33	-4.52	1.06
5550	36.15	-4.42	0.8
5750	35.52	-4.5	0.94
5850	39.35	-4.05	1.48

频段	1	6	11
B-TRP-11MBps	10.17	9.87	9.28
B-TIS-11MBps	-76.86	-77.53	-77.23
G-TRP-54MBps	8.31	9.89	8.16
G-TIS-54MBps	-64.69	-64.5	-65.32
N-TRP-MCS7	8.84	9.19	8.26
N-TIS-MCS7	-62.74	-62.97	-62.81
频段	36	149	165
A-TRP-54Bps	9.64	11.14	11.95
A-TIS-54Bps	-69.59	67.09	67.52



6. Antenna Dimensions (unit: mm)

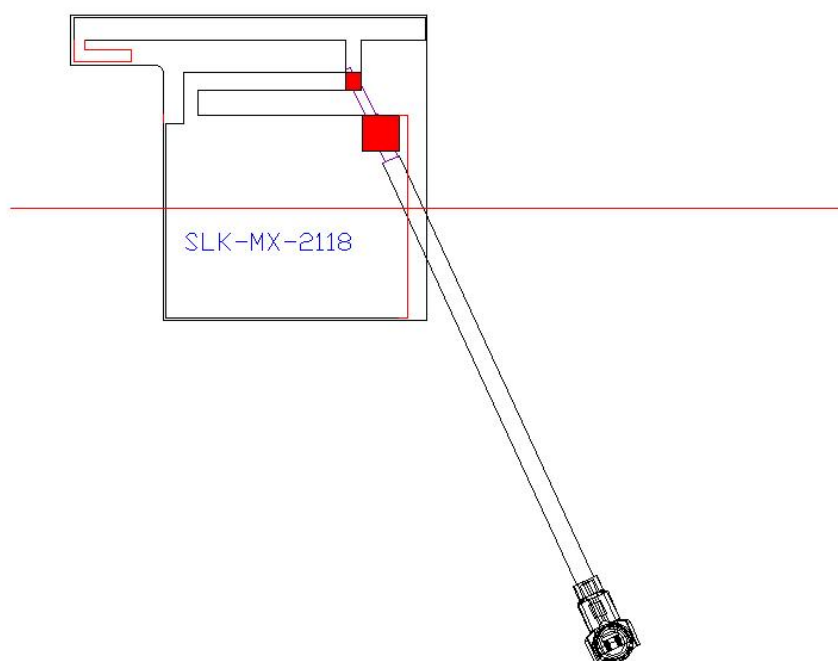


WIFIAUX Antenna (2118)

1. Explanation of Product number:

S L K - M X - 2 1 1 8 - R - 7 5 I V - G

1 2 3 4 5



Product Code:

(1) Customer:

MX: 茂现

(2) Project:

2118: SLK-MX-2118 (WIFIAUX antenna)

(3) Welding Position

R: Right

(4) Cable Length:

75IV: 75*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 (802.11a/b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11a/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.

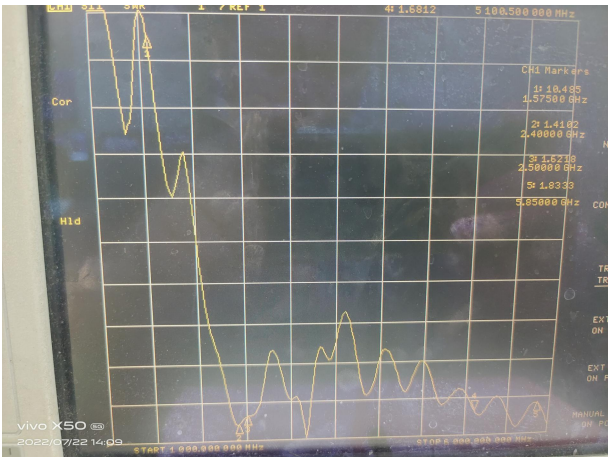
5. Electrical Specifications

5-1

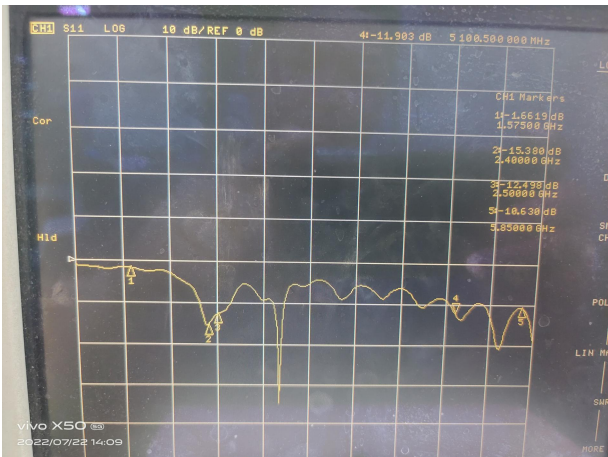
Characteristics	Specifications	Unit
Outline Dimensions	21.8x 18.6 x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



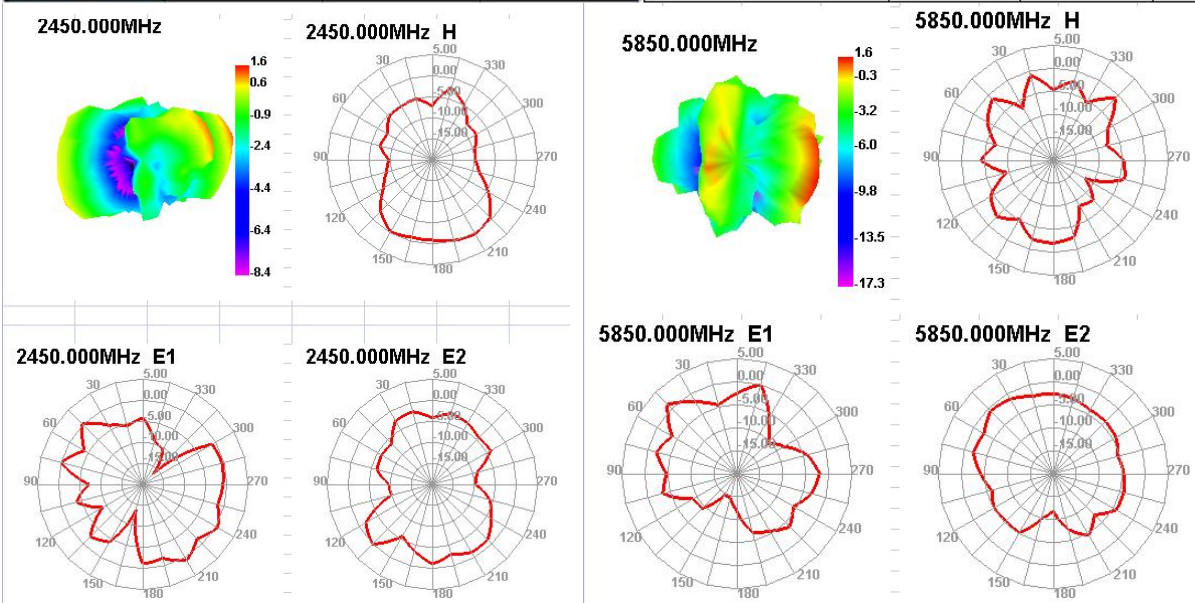
S11



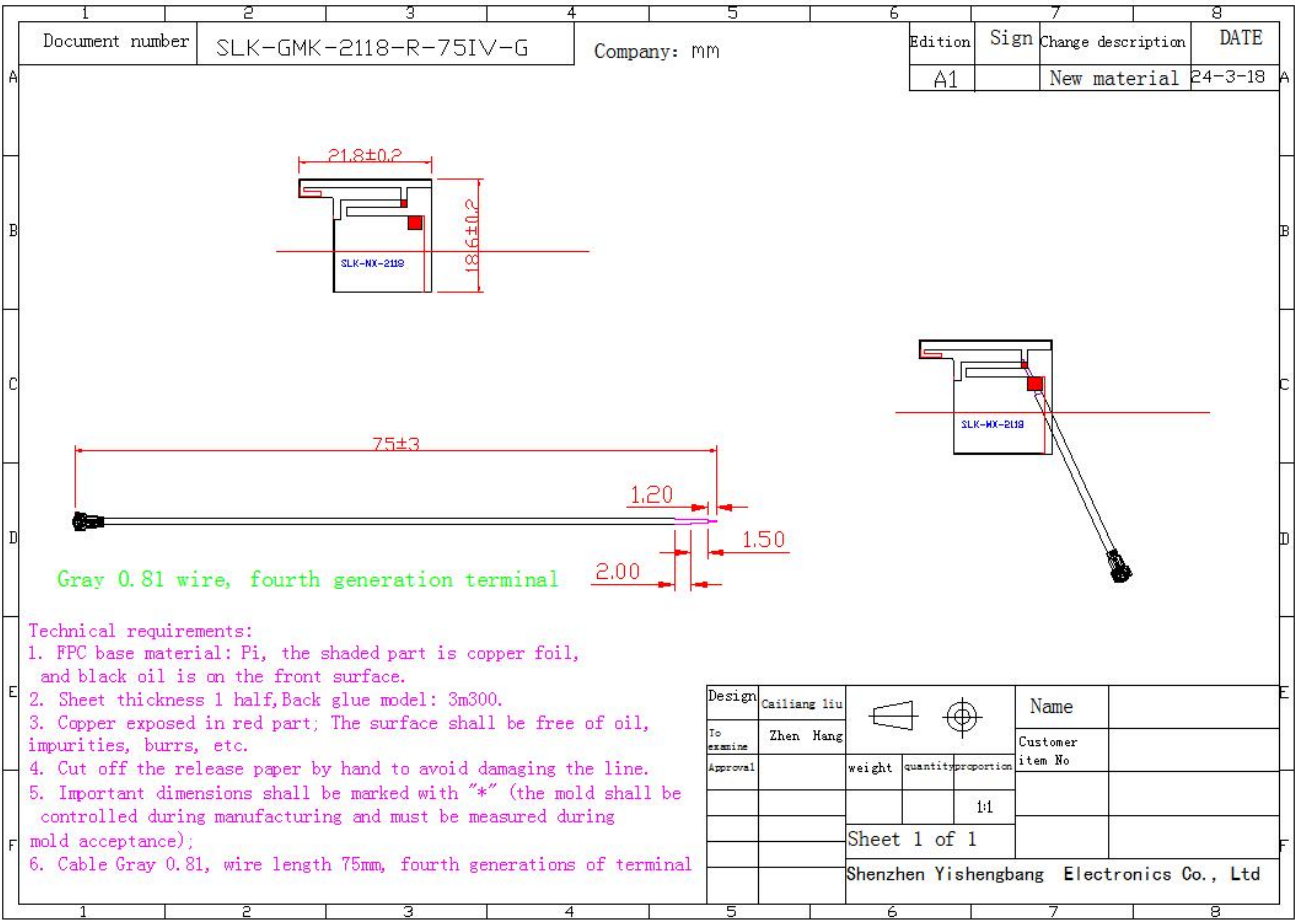
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	38.19	-4.18	1.89
2410	38.69	-4.12	1.75
2420	38.69	-4.12	1.62
2430	41.7	-3.8	1.57
2440	40.95	-3.88	1.23
2450	45.85	-3.39	1.63
2460	39.79	-4	1.05
2470	45.78	-3.39	1.67
2480	42.48	-3.72	1.37
2490	41.76	-3.79	1.34
2500	40.4	-3.94	1.23
5150	38.05	-4.2	1.79
5250	35.12	-4.54	2.76
5550	36.63	-4.36	1.85
5750	37.17	-4.3	2.56
5850	34.32	-4.64	1.57

频段	1	6	11
B-TRP-11MBps	10.17	9.87	9.28
B-TIS-11MBps	-76.86	-77.53	-77.23
G-TRP-54MBps	8.31	9.89	8.16
G-TIS-54MBps	-64.69	-64.5	-65.32
N-TRP-MCS7	8.84	9.19	8.26
N-TIS-MCS7	-62.74	-62.97	-62.81
频段	36	149	165
A-TRP-54Bps	9.64	11.14	11.95
A-TIS-54Bps	-69.59	67.09	67.52



6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI main antenna



WIFI diversity antenna