

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

Company name (to be filled in by customer): Shenzhen Yiden technology Co., LTD

Material code (filled in by customer): _____

Gauge type number (filled in by customer): AP2718T

Acceptance date (for customer): _____

Name of supplier (SLK): Shenzhen Yiden technology Co., LTD

For quotient gauge type number (fill in SLK): WIFI1:SLK-YLD-P10212-R-140I-B

WIFI2:SLK-YLD-P10212-L-190I-G

Acknowledge the signature

Acceptance by supplier (SLK field)			Shenzhen Yiden technology Co., LTD		
engineer	audit	approval	engineer	audit	approval
Chen Shilian	Huangzhne	Lin Meicai			
Seal and sign			Seal and sign		
day			day		
written instructions or comments: ☐ take in ☐ conditional acceptance					
Remarks (filled by customer) :					

Supplier :Shenzhen Yishengbang Technology Co., LTD Supplier Address:
Workshop 2 / F, No. 5 Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan
City

Telephone: 0769-82553115 Real: 0769-82553116

WIFI1 Antenna (P10212)

1. Explanation of Product number :

S L K - Y L D - P 1 0 2 1 2 - L - 1 4 0 I - B

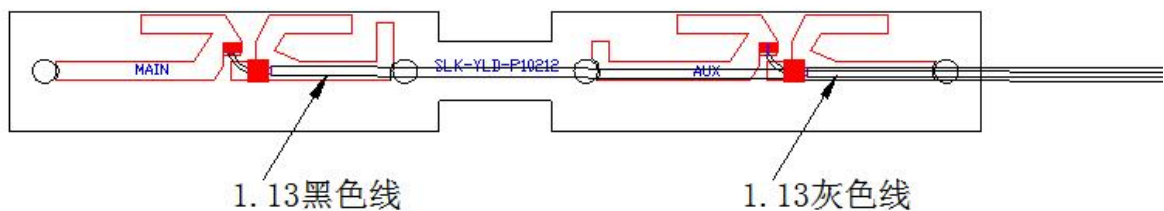
1

2

3

4

5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

P10212: SLK-YLD-P10212 (WIFI1 antenna)

(3) Welding Position

R: Right

(4) Cable Length:

140I: 140*1.13MM一代端子

(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

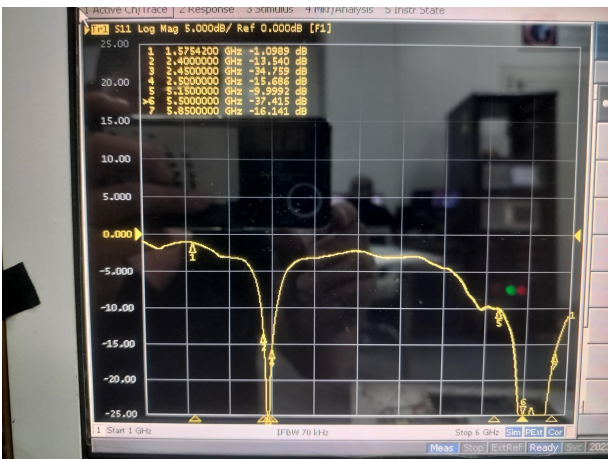
Characteristics	Specifications	Unit
Outline Dimensions	102*12.6*0.2	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

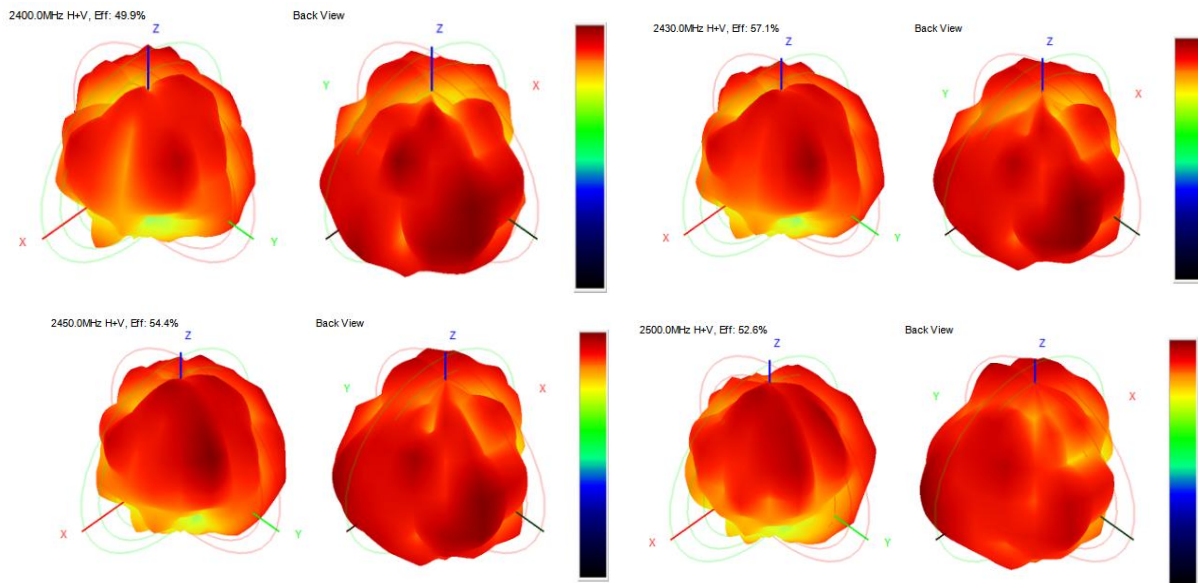


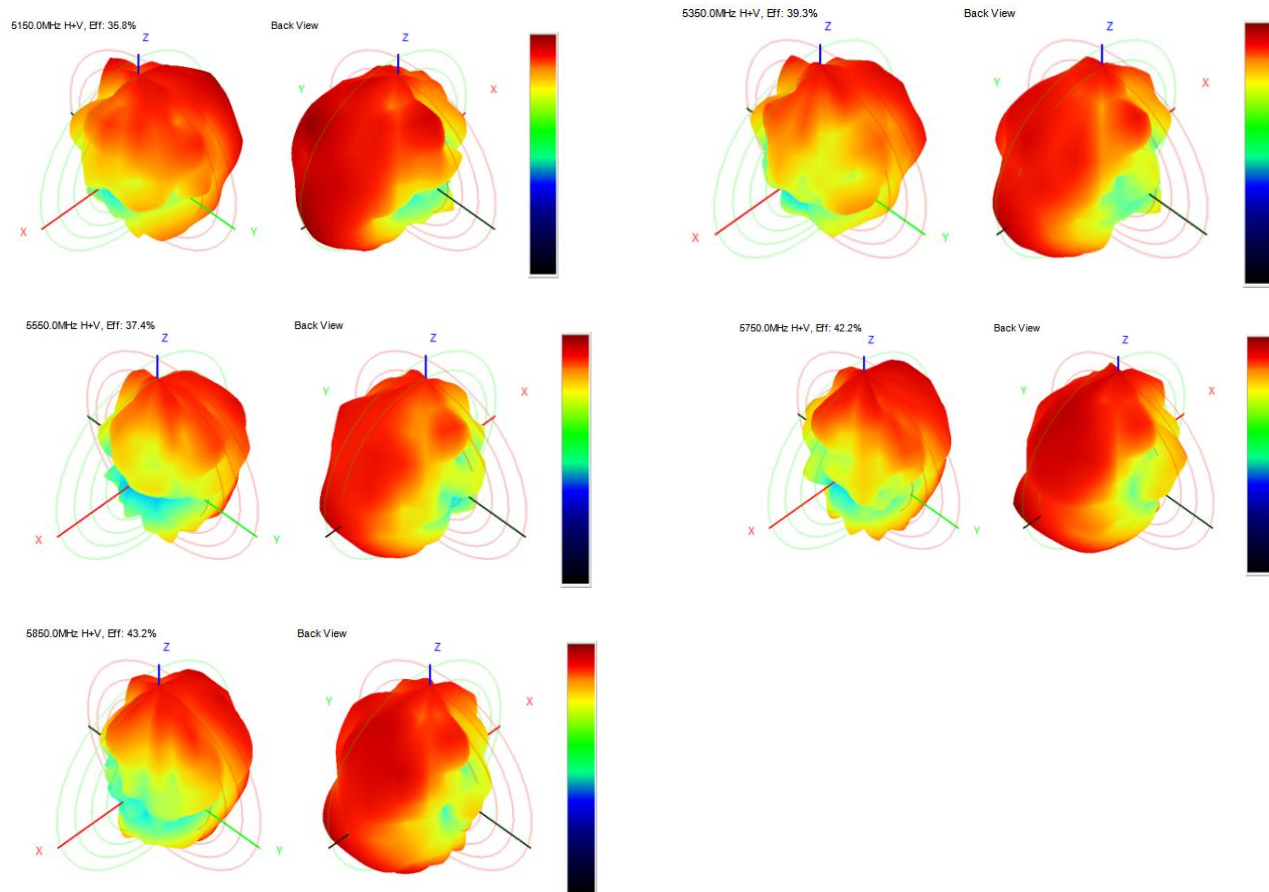
S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.02	2.78	49.87
2410.0	-2.75	2.14	53.06
2420.0	-2.63	2.14	54.52
2430.0	-2.44	2.08	57.06
2440.0	-2.65	2.71	54.37
2450.0	-2.65	2.49	54.37
2460.0	-2.46	2.58	56.73
2470.0	-2.73	2.43	53.35
2480.0	-2.73	2.39	53.36
2490.0	-2.76	2.55	52.96
2500.0	-2.79	2.19	52.65
5150.0	-4.46	2.29	35.78
5350.0	-4.05	2.10	39.33
5550.0	-4.27	2.39	37.37
5750.0	-3.75	2.52	42.16
5850.0	-3.65	2.49	43.18

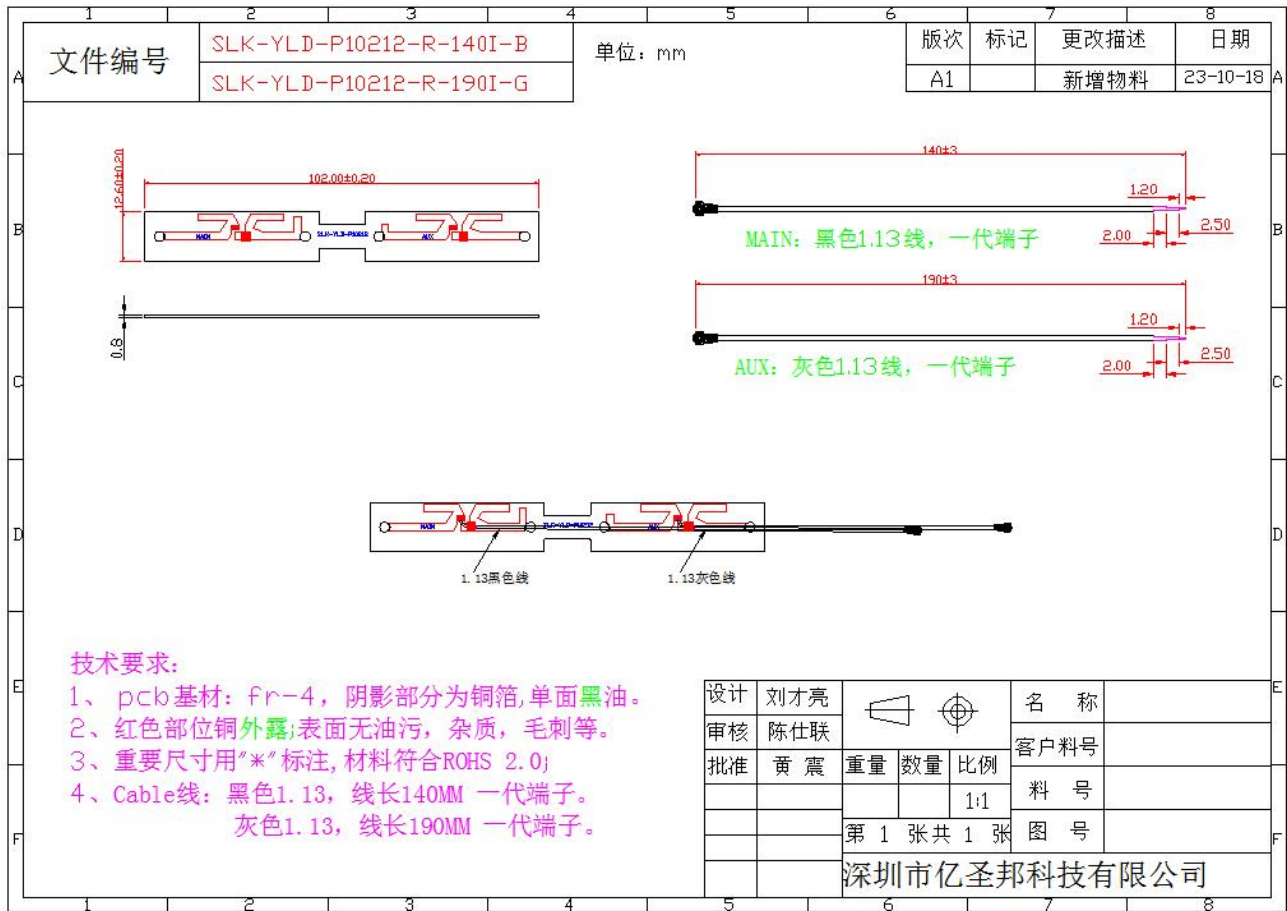




WIFI 有源测试

频段	1	6	11
B-TRP-11MBps	16.28	17.58	17.2
B-TIS-11MBps	-81.2	-81.36	-82.29
G-TRP-54MBps	16.21	17.18	17.49
G-TIS-54MBps	-68.55	-68.06	-68.24
N-TRP-MCS7	15.88	16.61	17.69
N-TIS-MCS7	-70.64	-70.15	-70.79
频段	36	149	165
A-TRP-54MBps	15.31	14.33	15.46
A-TIS-54MBps	-70.3	-71.14	-71.4

6. Antenna Dimensions (unit: mm)



WIFI2 Antenna (P10212)

1. Explanation of Product number :

S L K - Y L D - P 1 0 2 1 2 - L - 1 9 0 I - G

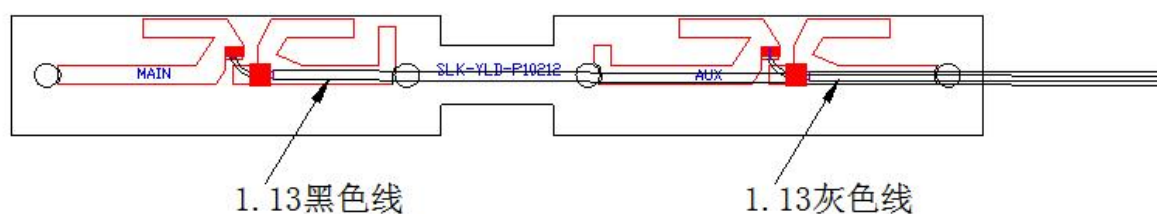
1

2

3

4

5



Product Code:

(1) Customer:

YLD:亿莱顿

(2) Project:

P10212: SLK-YLD-P10212 (WIFI2 antenna)

(3) Welding Position

R: Right

(4) Cable Length:

190I: 190*1.13MM一代端子

(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

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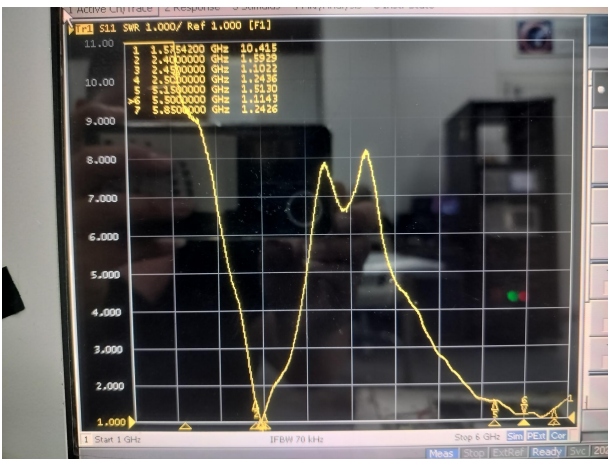
5. Electrical Specifications

5-1

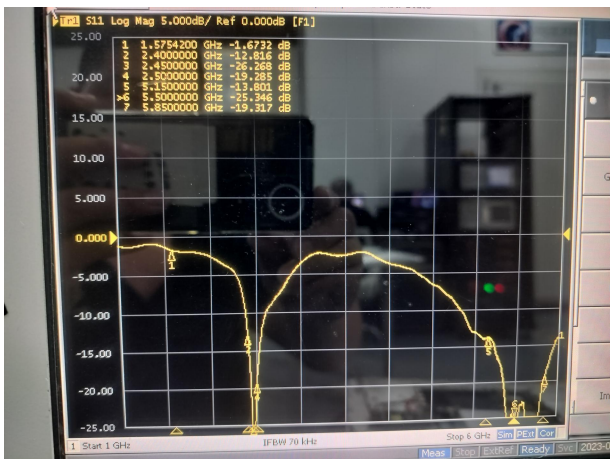
Characteristics	Specifications	Unit
Outline Dimensions	102*12.6*0.2	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

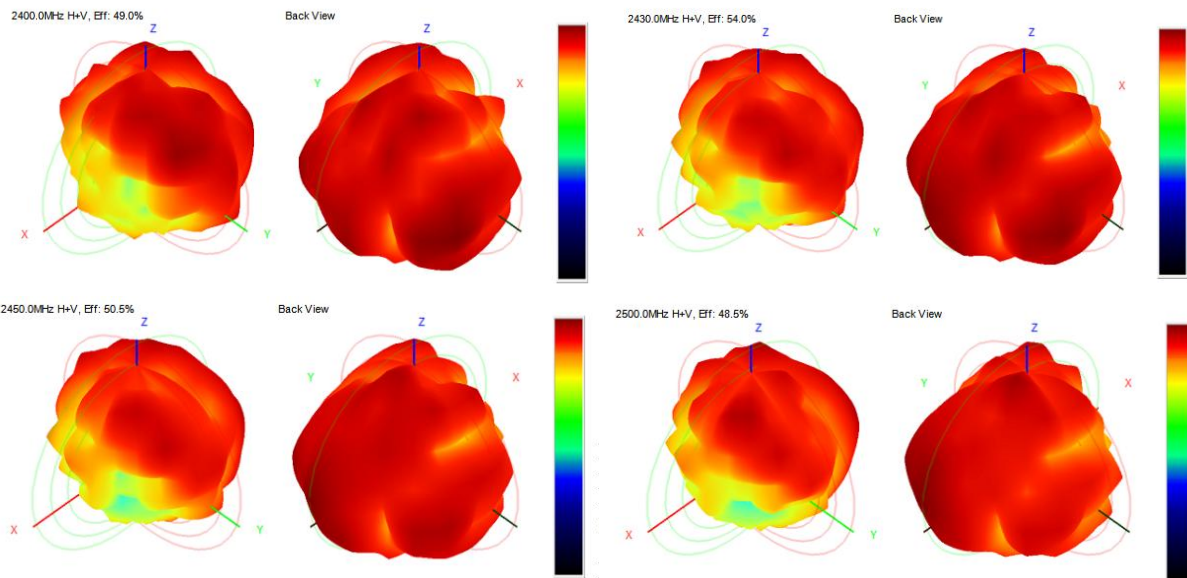


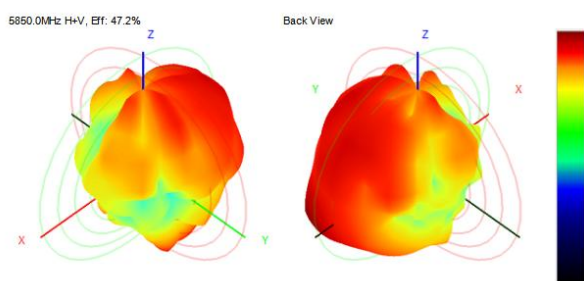
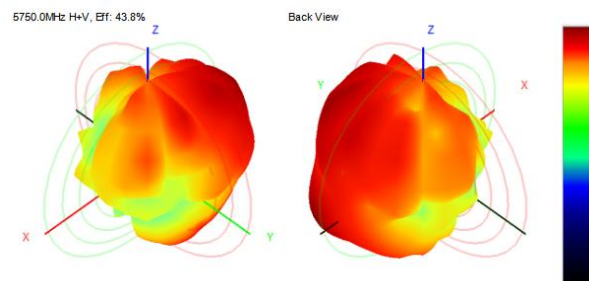
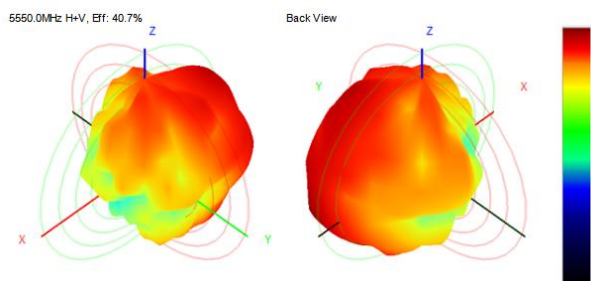
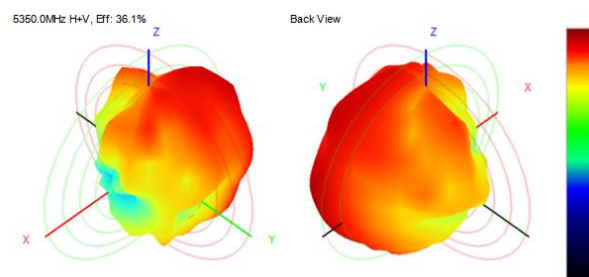
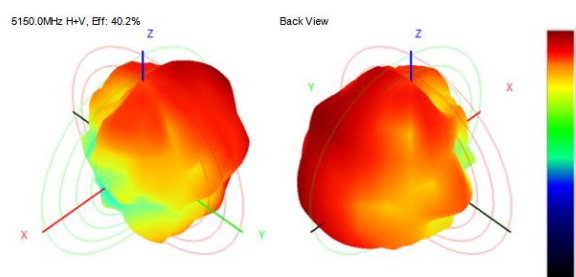
S11



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Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.10	2.75	49.00
2410.0	-2.85	2.16	51.90
2420.0	-2.76	2.12	52.92
2430.0	-2.67	2.23	54.03
2440.0	-2.97	2.23	50.48
2450.0	-2.97	2.33	50.48
2460.0	-2.73	2.76	53.33
2470.0	-3.05	2.74	49.54
2480.0	-3.07	2.42	49.28
2490.0	-3.14	2.43	48.47
2500.0	-3.14	2.67	48.54
5150.0	-3.95	2.06	40.24
5350.0	-4.42	2.54	36.13
5550.0	-3.91	2.79	40.67
5750.0	-3.59	2.40	43.79
5850.0	-3.26	2.52	47.16

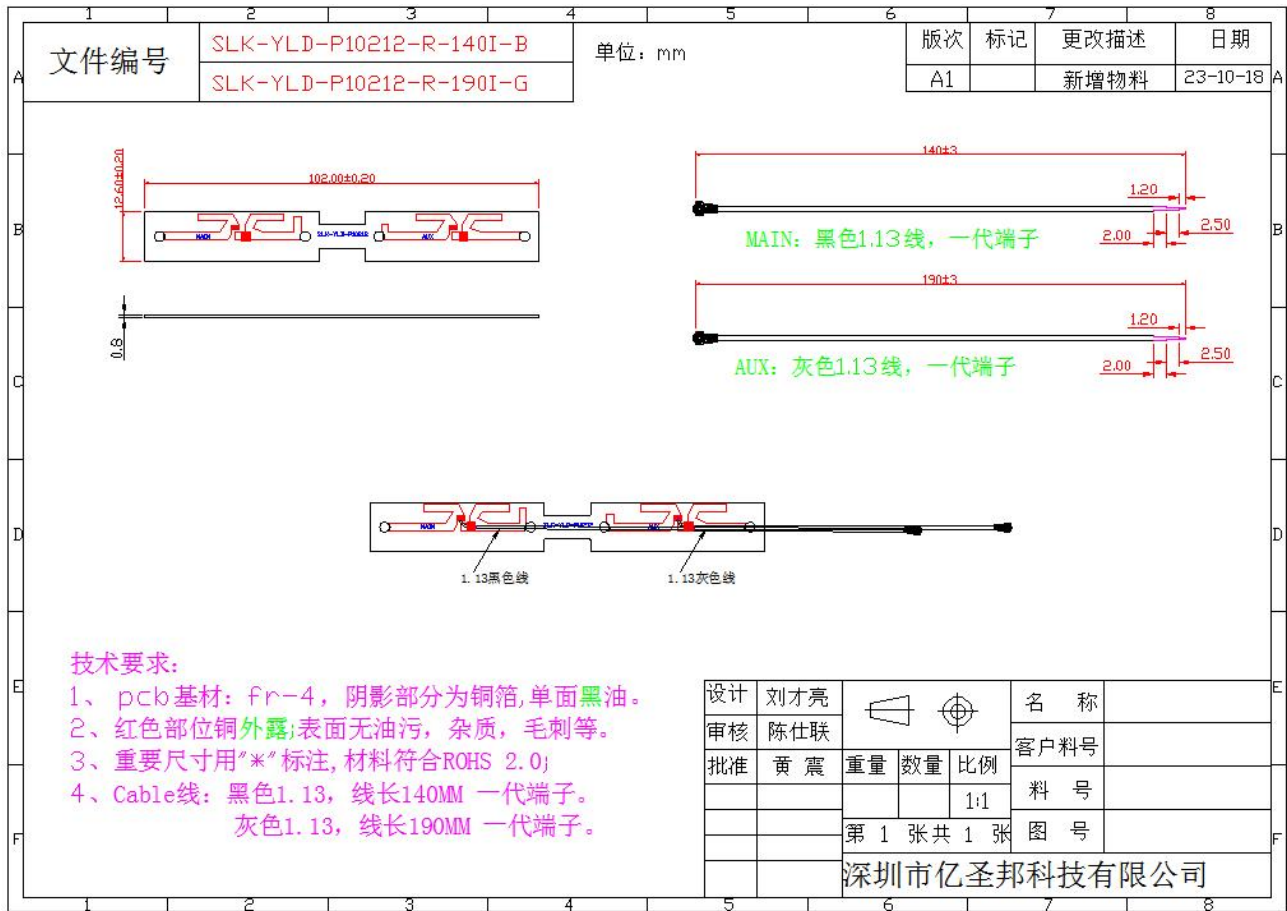




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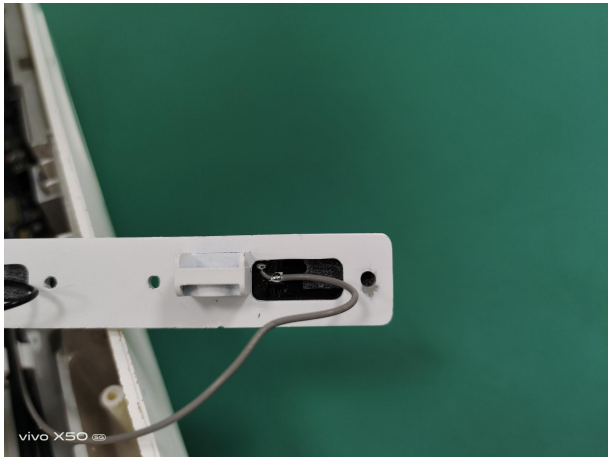
6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 1 天线



WIFI 2 天线