

深圳市亿圣邦科技有限公司
样品承认书

SPECIFICATION FOR APPROVAL

公 司 名 称 (客户填写) : 深圳市纳斯达工贸有限公司
物 料 代 码 (客户填写) :
规 格 型 号 (客户填写) : NK10031
承 认 日 期 (客户填写) :

供 应 商 名 称 (SLK 填写) : 深圳市亿圣邦科技有限公司

供 应 商 规 格 型 号 (SLK 填写) : WIFIMAIN:SLK-NSD-2516E3-L-360IV-B
WIFIAUX:SLK-NSD-2218C1-R-205IV-G

承 认 签 章					
供 应 商 承 认 (SLK 填写栏)			深圳市纳斯达工贸有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
陈仕联	黄震	林美财			
盖章签署			盖章签署		
日 期	2024-4-18		日 期		
批示: ☐ 接受 ☐ 有条件接受					
备注 (客户填写) :					

供应商名称: 深圳市亿圣邦科技有限公司
供应商地址: 深圳市宝安区西乡街道南昌社区深圳前湾硬科 技产业园 C 栋 101
电 话: 0769-82553115 传 真: 0769-82553116

WIFIMAIN Antenna (2516E3)

1. Explanation of Product number :

S L K - N S D - 2 5 1 6 E 3 - L - 3 6 0 I V - B

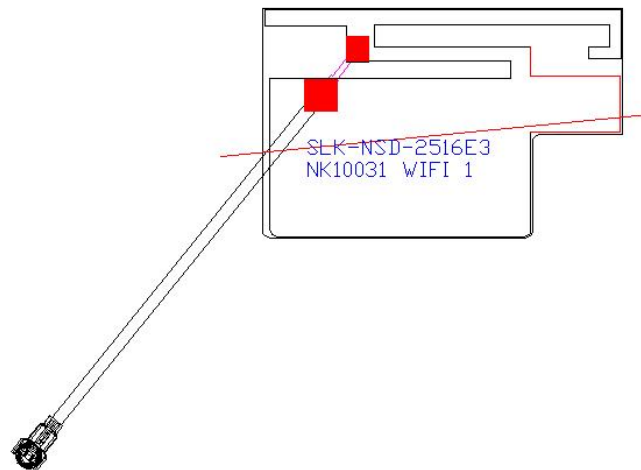
1

2

3

4

5



Product Code:

(1) Customer:

NSD:纳斯达

(2) Project:

2516E3: SLK-2516E3(WIFIMAIN antenna)

(3) Welding Position

L:Left

(4) Cable Length:

360IV: 360*1.13MM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.

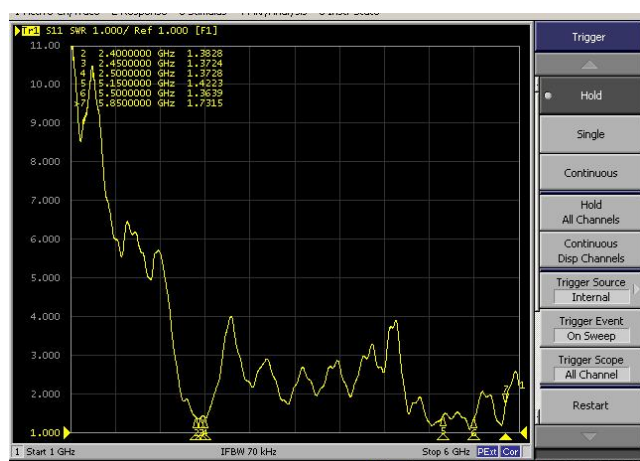
5. Electrical Specifications

5-1

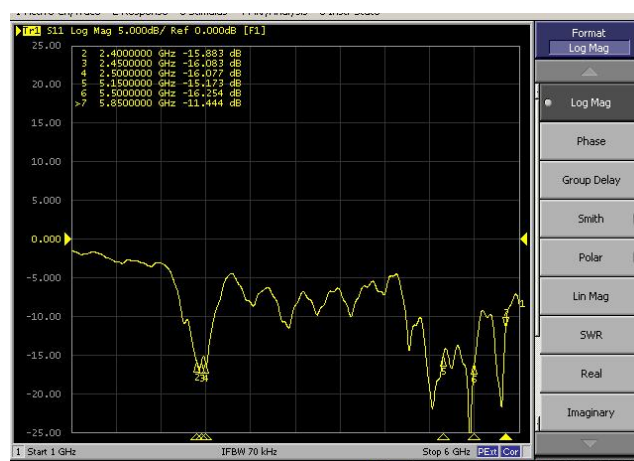
Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

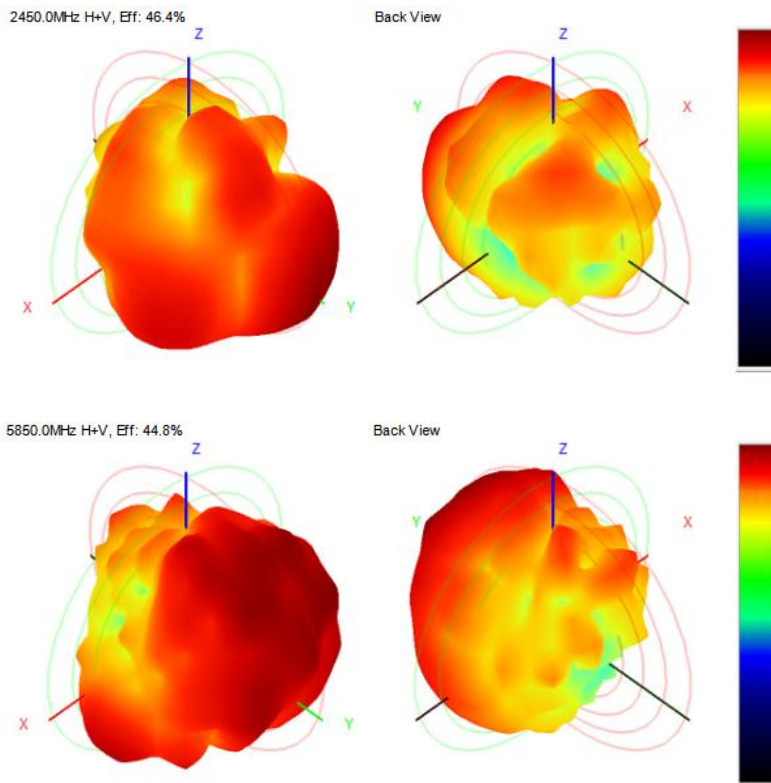


S11

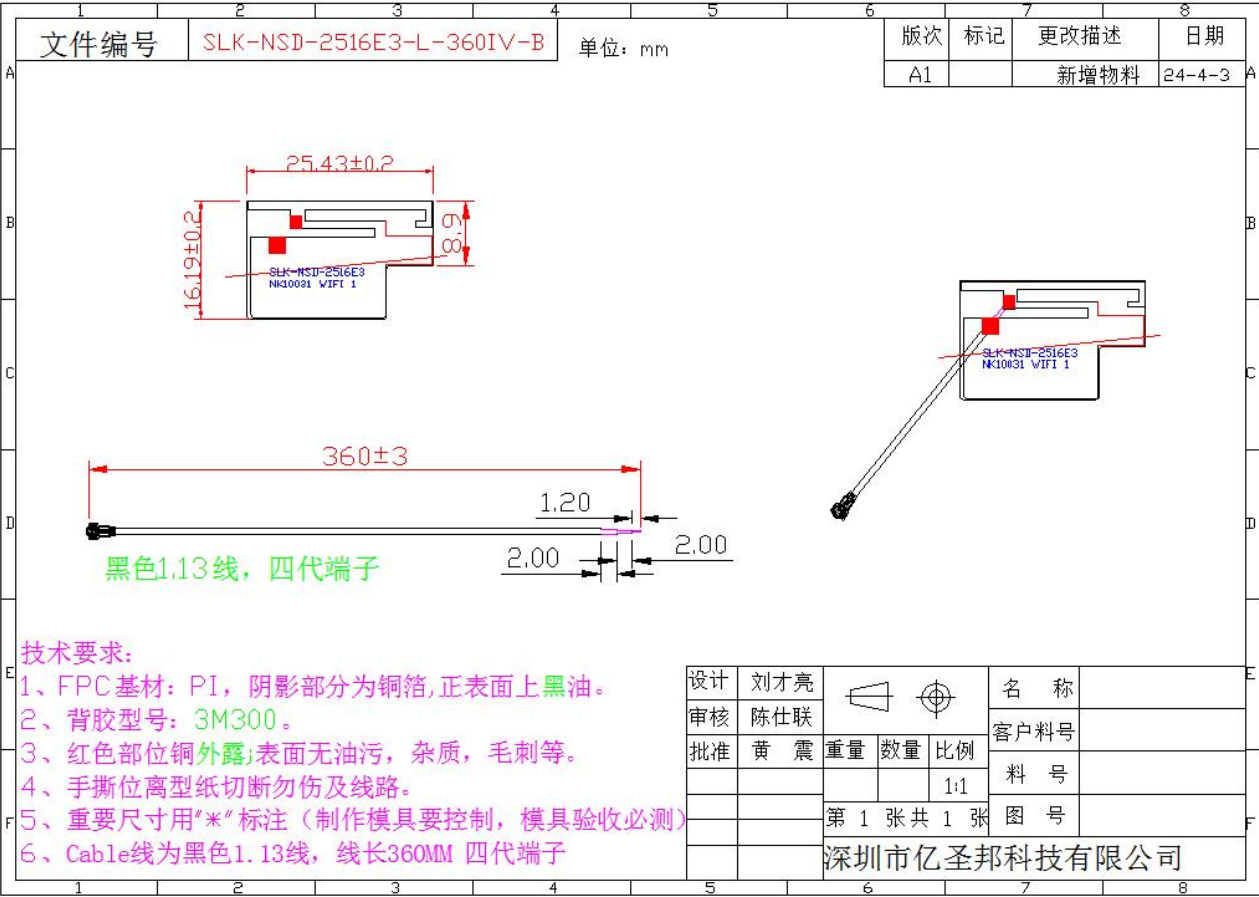


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.69	1.94	42.71
2410.0	-3.39	1.30	45.84
2420.0	-3.52	1.30	44.48
2430.0	-3.63	1.36	43.33
2440.0	-3.62	1.47	43.41
2450.0	-3.34	1.41	46.38
2460.0	-3.28	1.58	46.98
2470.0	-3.61	1.67	43.60
2480.0	-3.55	1.83	44.16
2490.0	-3.29	1.65	46.88
2500.0	-3.53	1.68	44.41
5150.0	-3.61	2.11	43.55
5360.0	-3.31	2.15	46.65
5205.0	-3.96	2.69	40.15
5750.0	-3.93	2.97	40.47
5850.0	-3.48	2.39	44.85



6. Antenna Dimensions (unit: mm)



WIFIAUX Antenna (2218C1)

1.Explanation of Product number :

S L K - N S D - 2 2 1 8 C 1 - R - 2 0 5 I V - G

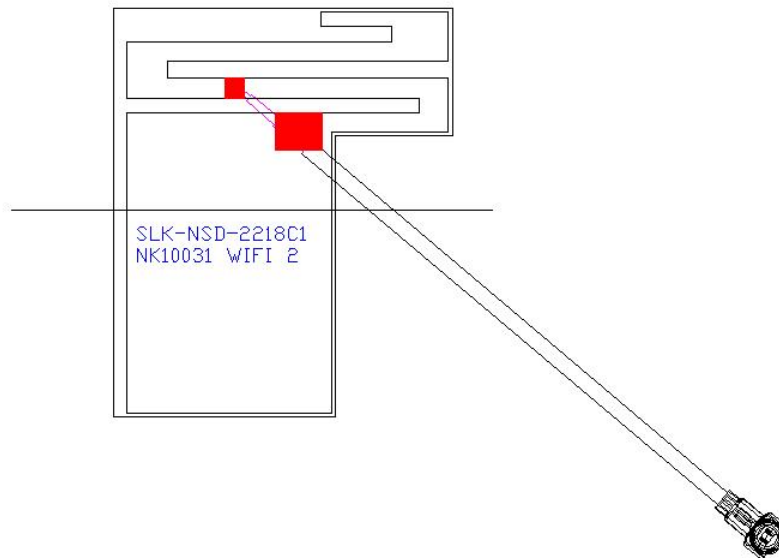
1

2

3

4

5



Product Code:

(1) Customer:

NSD: 纳斯达

(2) Project:

2218C1: SLK-2218C1(WIFIAUX antenna)

(3) Welding Position

R:Right

(4) Cable Length:

205IV: 205*1.13MM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

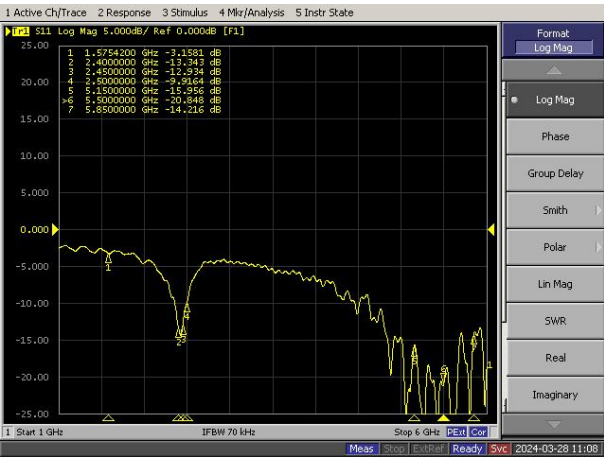
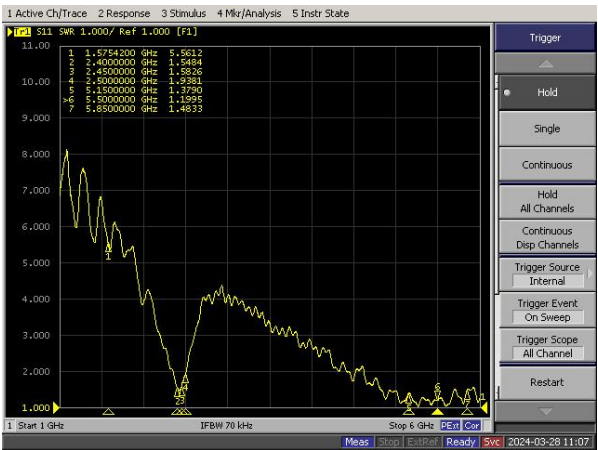
5-1

Characteristics	Specifications	Unit
Outline Dimensions	21.8x18.2x 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.

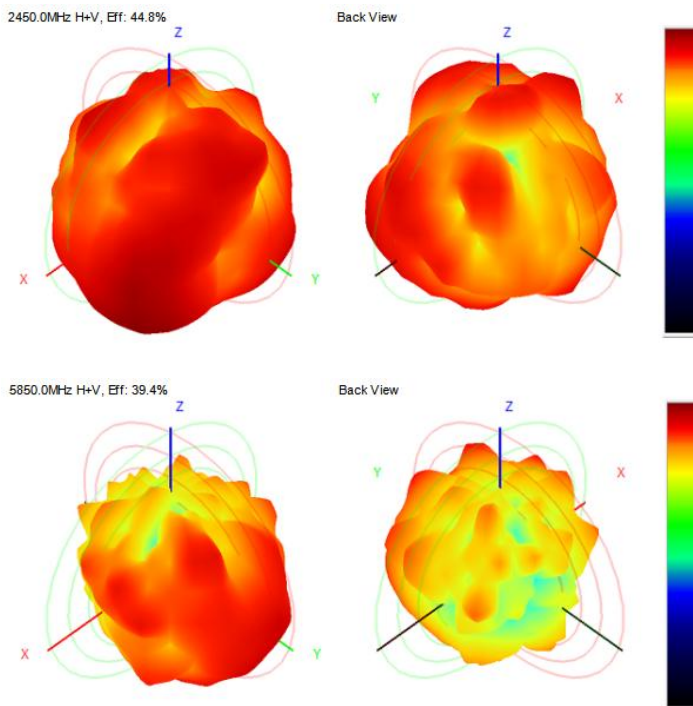
VSWR

S11

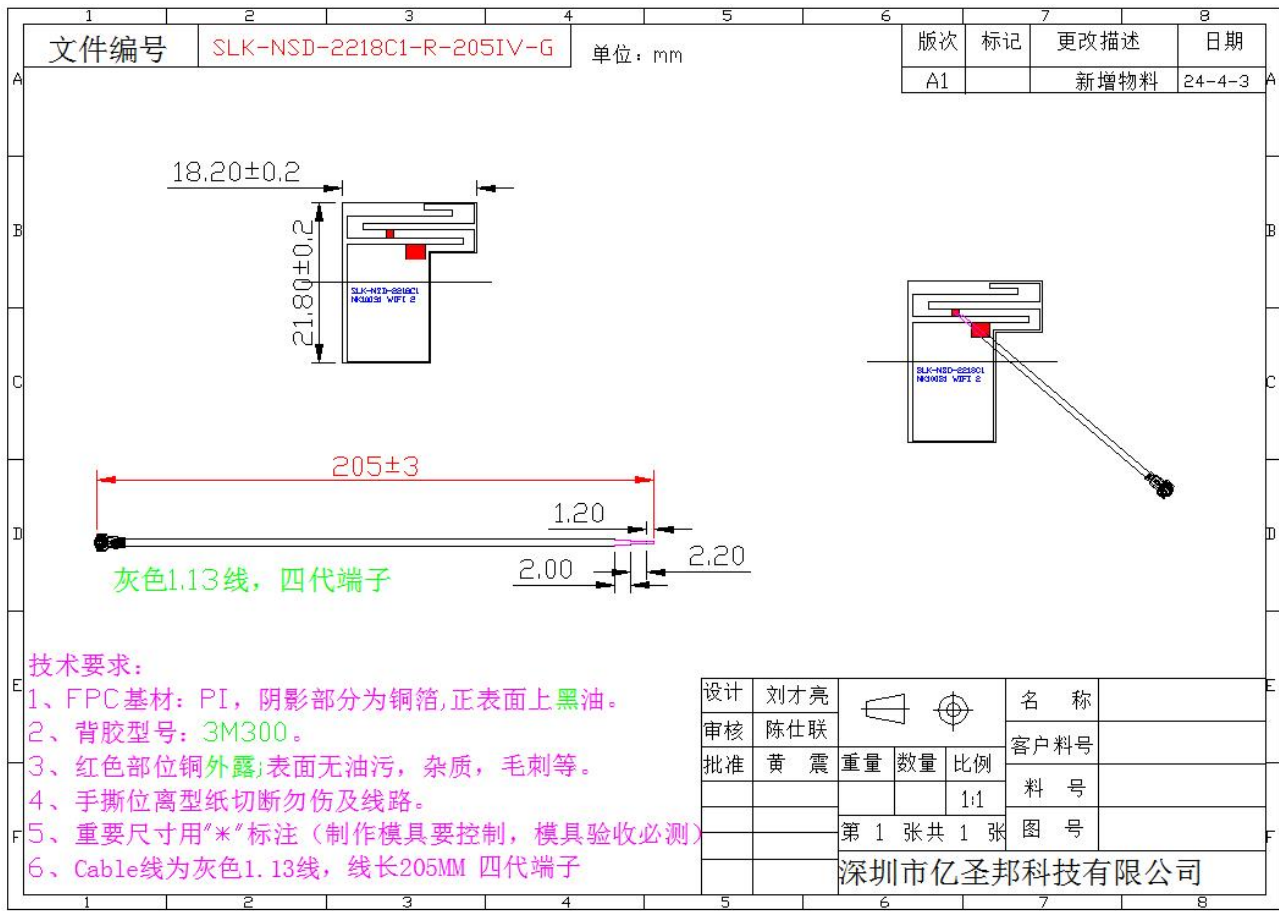


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

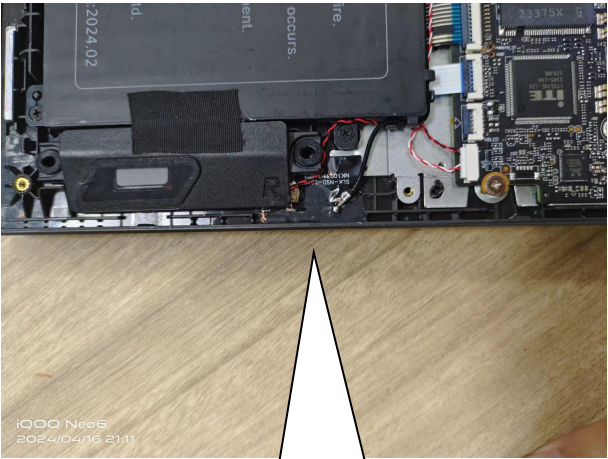
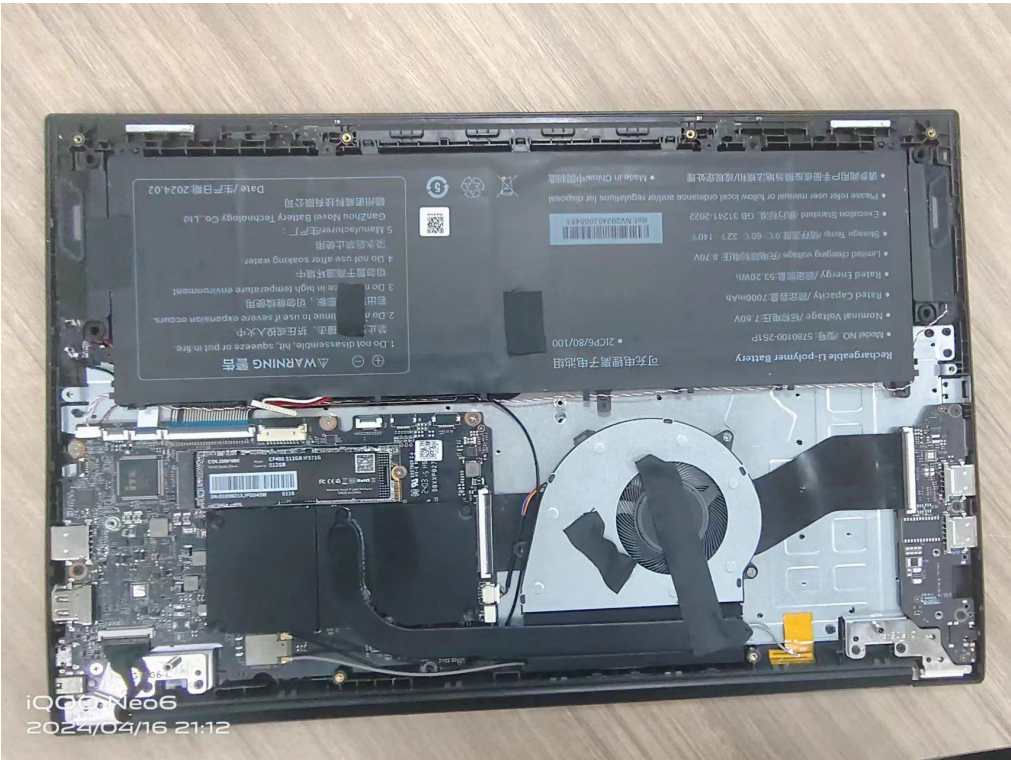
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.49	1.95	44.80
2410.0	-3.32	1.96	46.51
2420.0	-3.44	2.07	45.28
2430.0	-3.61	2.18	43.51
2440.0	-3.53	2.04	44.39
2450.0	-3.49	2.16	44.78
2460.0	-3.55	2.09	44.11
2470.0	-3.46	2.03	45.03
2480.0	-3.37	2.05	46.04
2490.0	-3.59	1.90	43.72
2500.0	-3.58	2.22	43.83
5150.0	-3.69	3.45	42.75
5360.0	-3.47	3.56	44.95
5205.0	-3.59	3.53	43.73
5750.0	-3.82	3.40	41.50
5850.0	-4.04	3.63	39.43



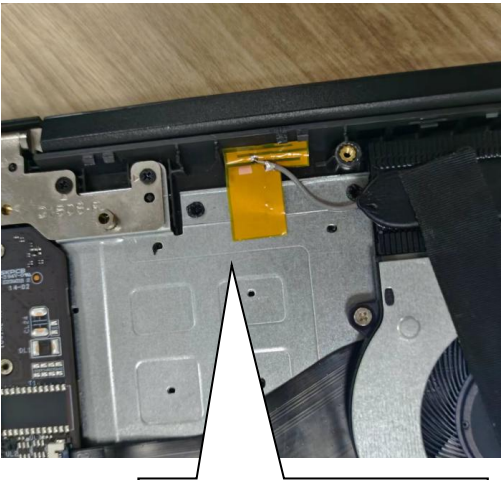
6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WIFI 主天线



WIFI 分集天线