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）：					

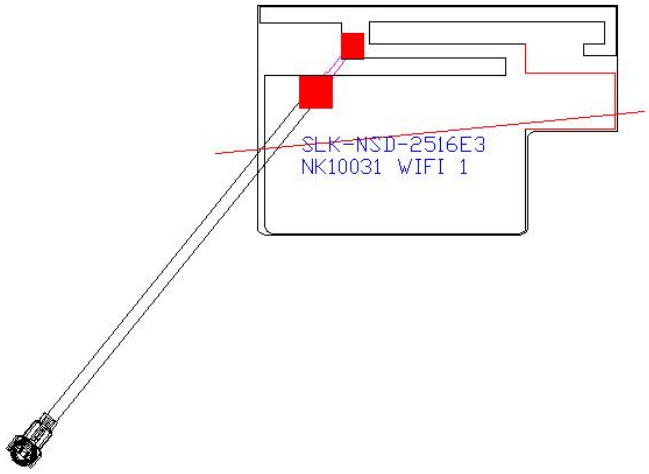
供应商名称:深圳市亿圣邦科技有限公司
供应商地址:深圳市宝安区西乡街道南昌社区深圳前湾硬科 技产业园 C 栋 101
电　　话：0769-82553115　　传　　真：0769-82553116

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.

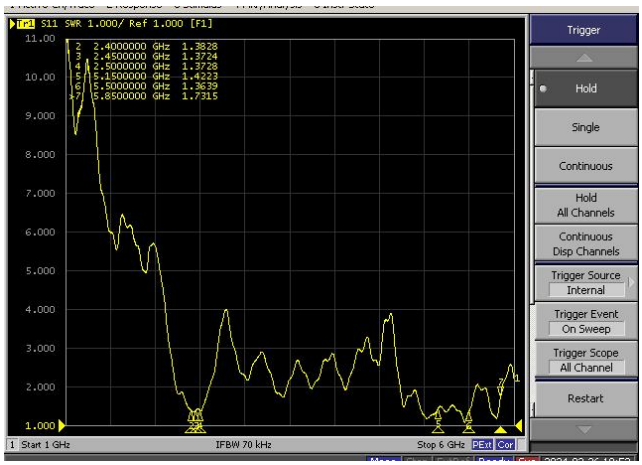
5. Electrical Specifications

5-1

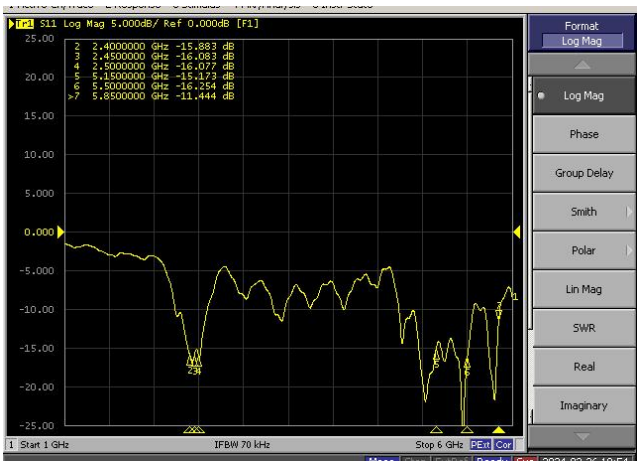
Characteristics	Specifications	Unit
Outline Dimensions	**25.43x16.19x 0.12**	**mm**
Center Frequency	**2.4-2.5-5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

5-2.

VSWR

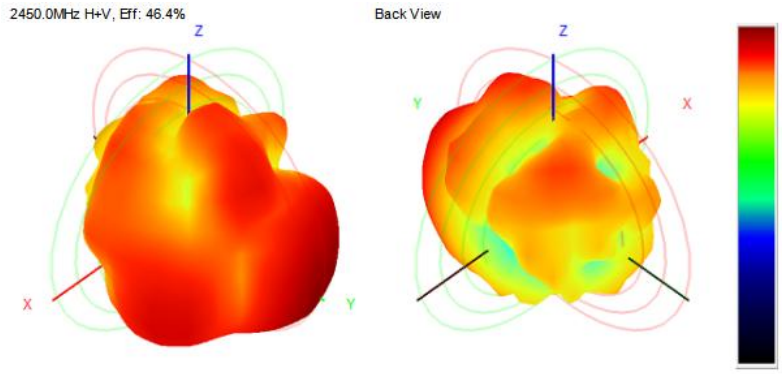


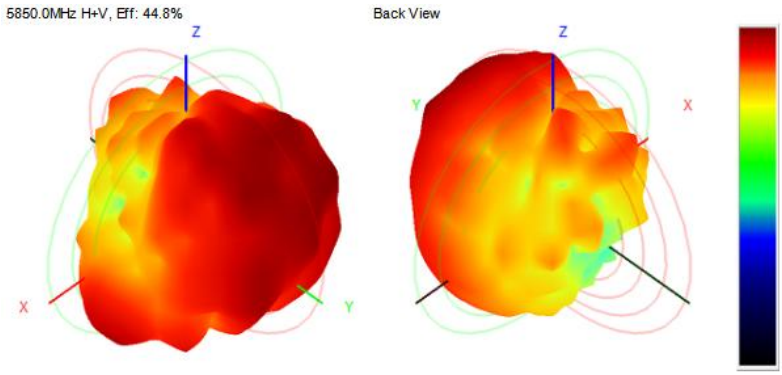
S11



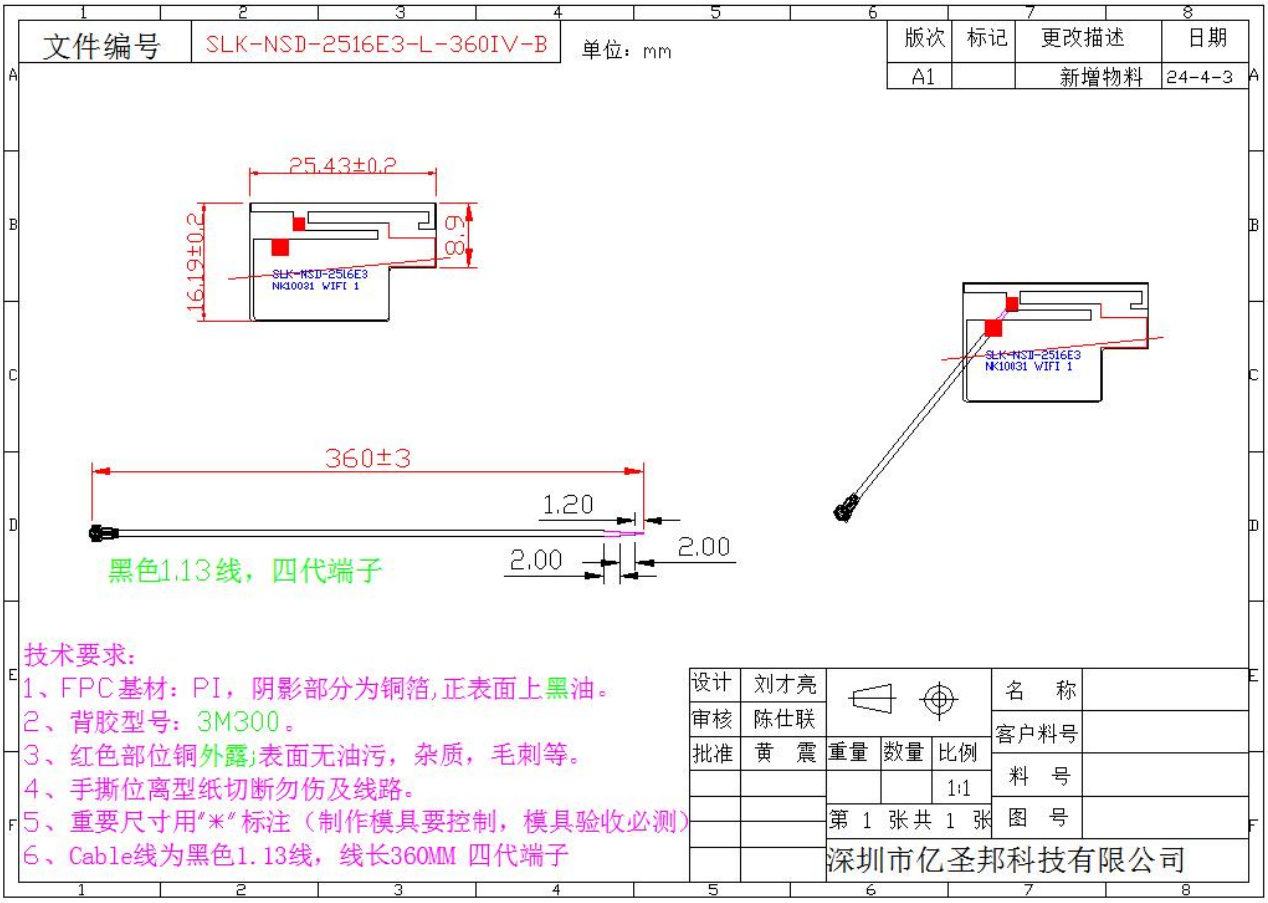
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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)

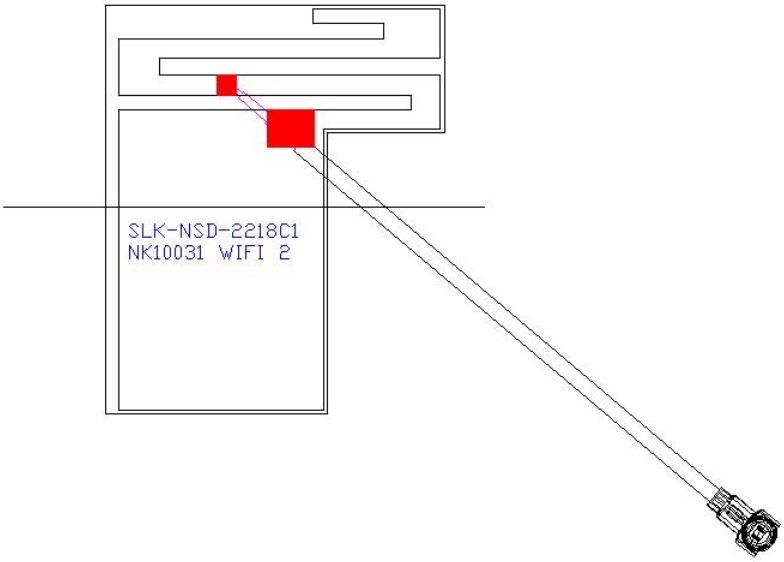


WIFIAUX Antenna (2218C1)

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.

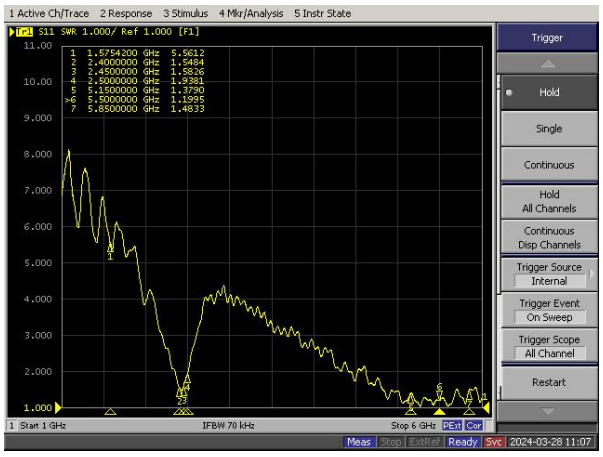
5. Electrical Specifications

5-1

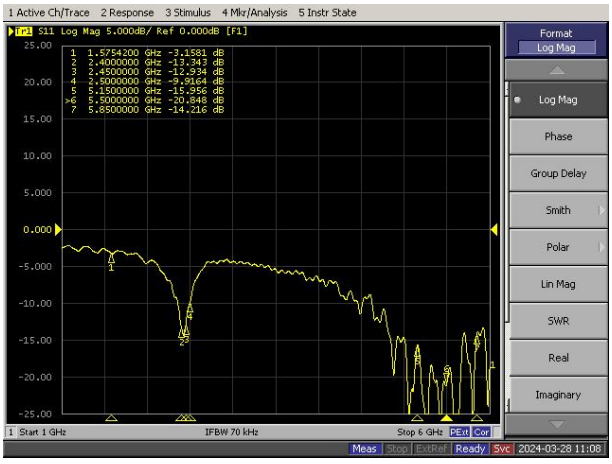
Characteristics	Specifications	Unit
Outline Dimensions	**21.8x18.2x 0.12**	**mm**
Center Frequency	**2.4-2.5-5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

5-2.

VSWR

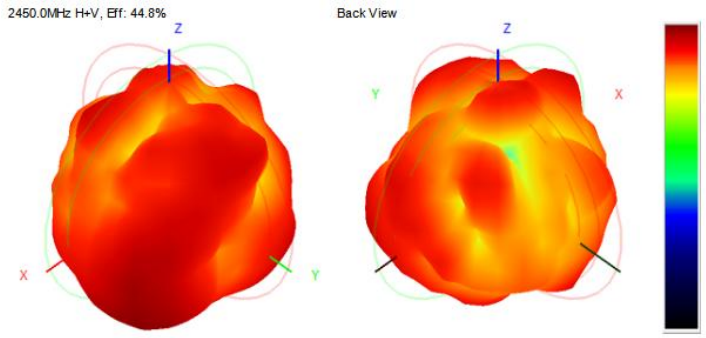


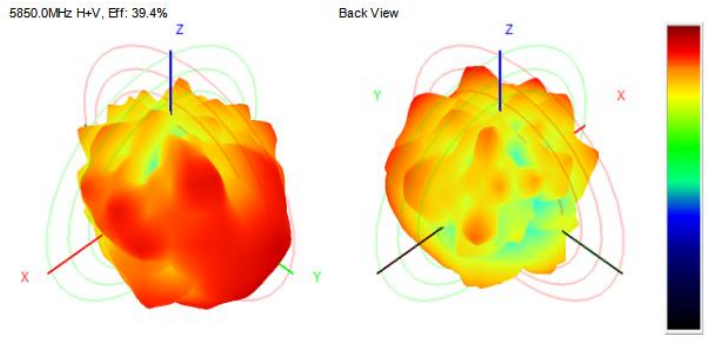
S11



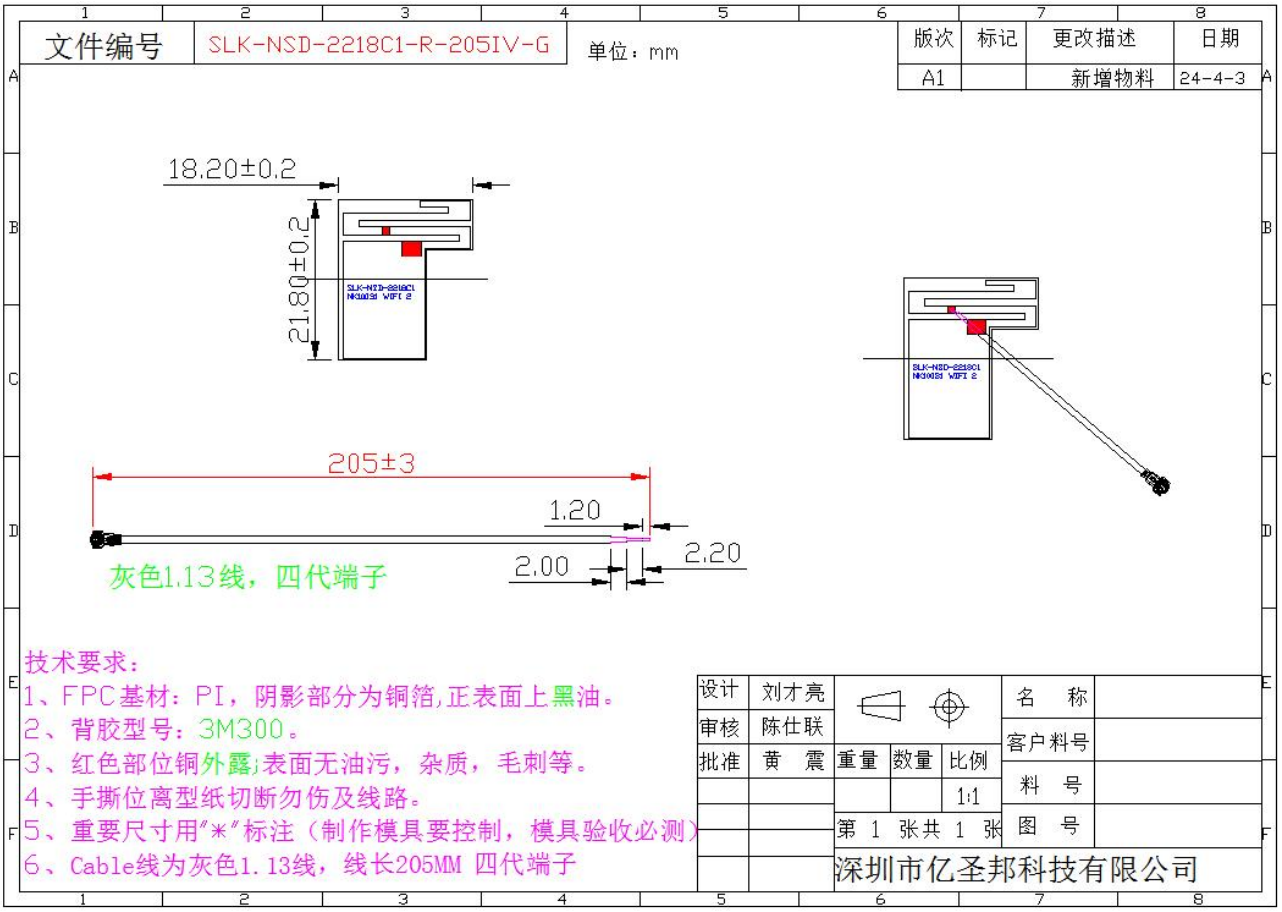
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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

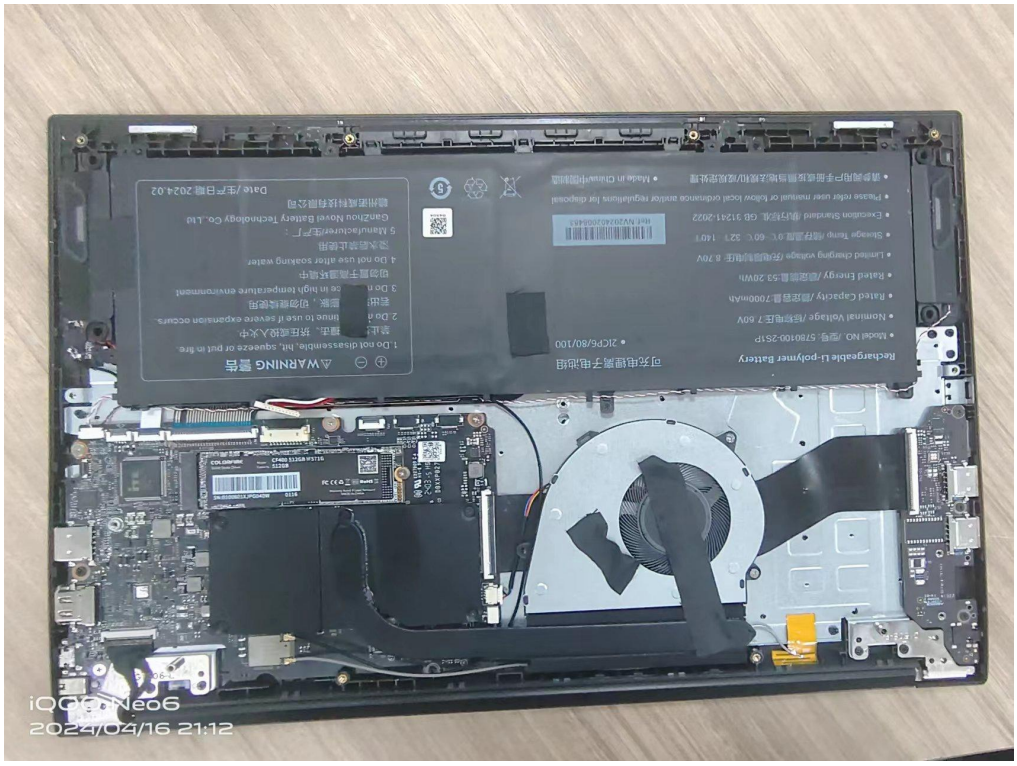


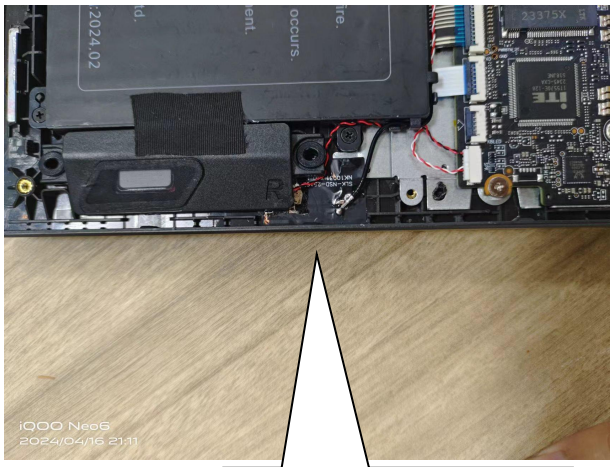


6. Antenna Dimensions (unit: mm)

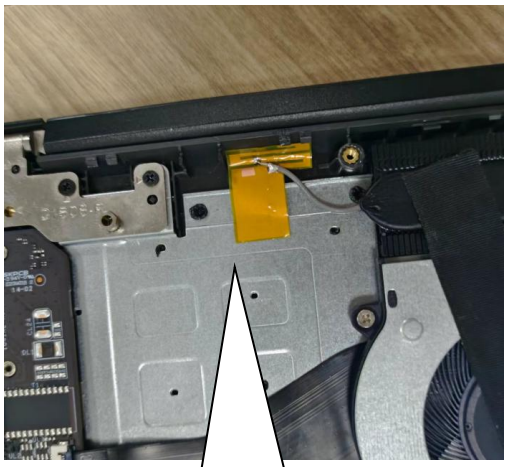


7. Antenna Picture





WIFI 主天线



WIFI 分集天线