

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

The name of the company : Shenzhen NaSida Industry and Trade Co., LTD

The material code: _____

specifications: NI10128

Admitted to date: _____

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: WIFIMAIN:SLK-NSD-2516V1-L-300IV-B

WIFIAUX:SLK-NSD-2516V2-R-490IV-G

Admit signature

For acceptance by the contractor			Shenzhen NaSida Industry and Trade Co., LTD		
Rf Engineer	audit	approval	Rf Engineer	audit	approval
Shi Lian Chen	Zhen Huang	Mei Cai Lin			
Signed and sealed			Signed and sealed		
date	2023-2-9		date		
instructions: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance					
note:					

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

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

telephone: 18025305599

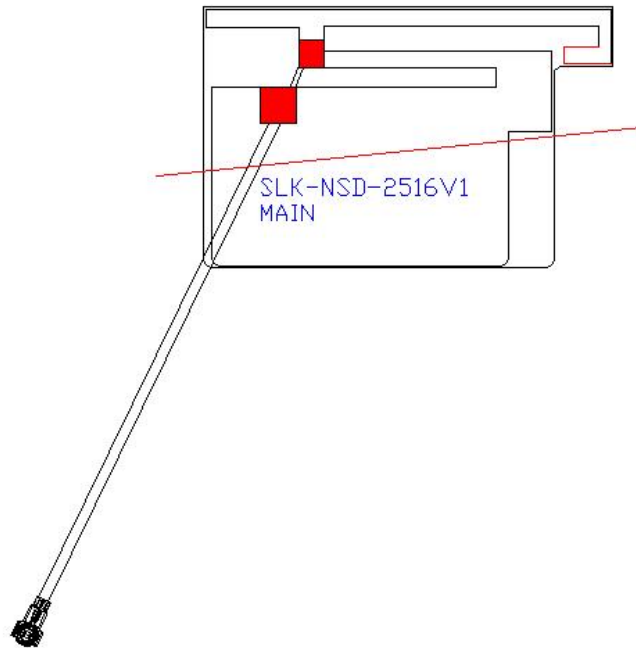
telephone: 18666299104

WIFIMAIN Antenna (2516V1)

1. Explanation of Product number :

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

1 2 3 4 5



Product Code:

(1) Customer:

NSD: NaSida

(2) Project:

2516V1: SLK-NSD-2516V1 (WIFI MAIN antenna)

(3) Welding Position

L: Left

(4) Cable Length:

300IV: 300*1.13MM fourth generation terminal

(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.

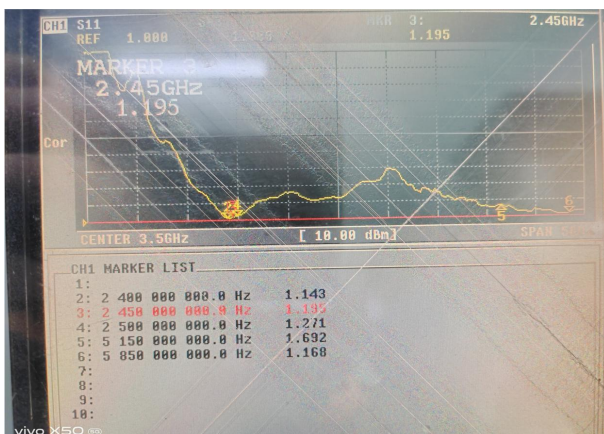
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x 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



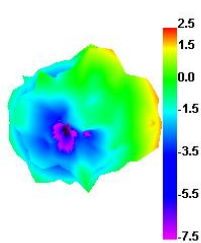
S11



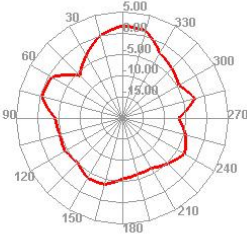
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	41.48	-3.82	1.82
2410	42.95	-3.67	1.88
2420	43.33	-3.63	1.66
2430	41.82	-3.79	1.57
2440	44.1	-3.56	2.09
2450	46.3	-3.34	2.51
2460	46.02	-3.37	2.58
2470	46.57	-3.32	2.61
2480	47.37	-3.25	2.54
2490	49.46	-3.06	2.55
2500	45.44	-3.43	2.06
5150	45.15	-3.45	2.16
5350	50.89	-2.93	1.6
5550	46.95	-3.28	1.79
5750	49.47	-3.06	2.55
5850	52.36	-2.81	2.94

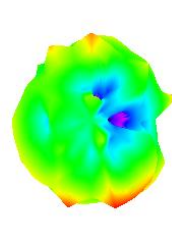
2450.000MHz



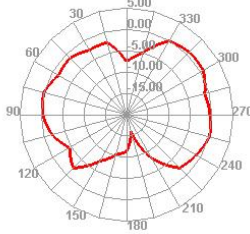
2450.000MHz H



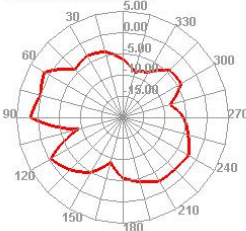
5850.000MHz



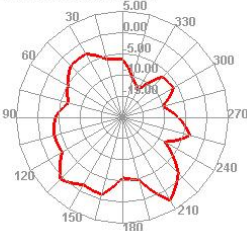
5850.000MHz H



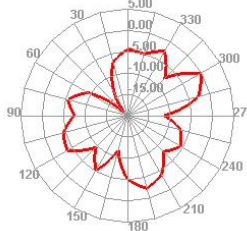
2450.000MHz E1



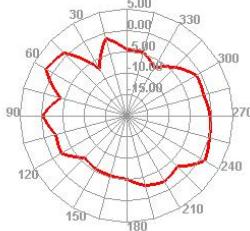
2450.000MHz E2



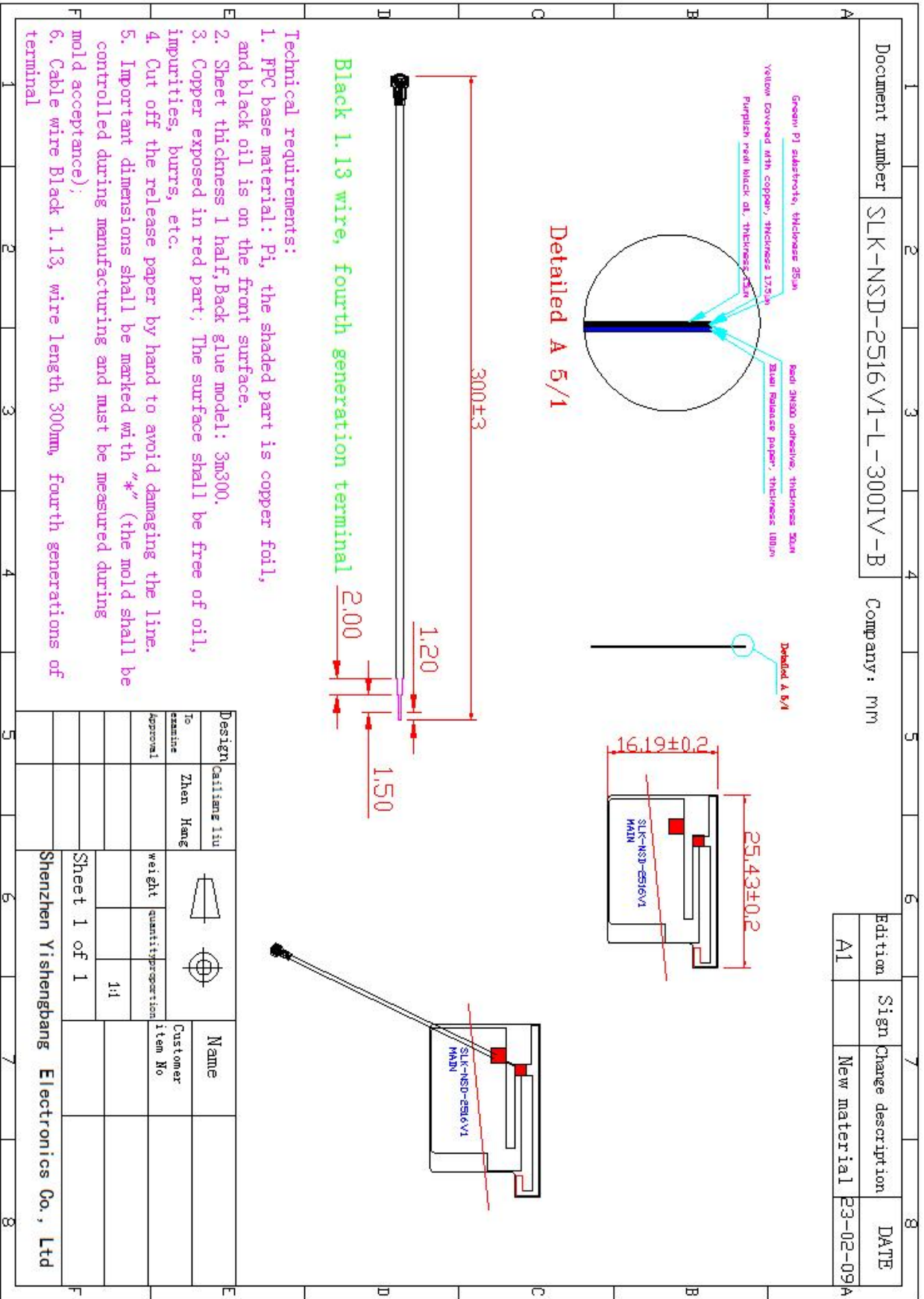
5850.000MHz E1



5850.000MHz E2



6. Antenna Dimensions (unit: mm)



WIFI AUX Antenna (2516V2)

1. Explanation of Product number :

S L K - N S D - 2 5 1 6 V 2 - R - 4 9 0 I V - G

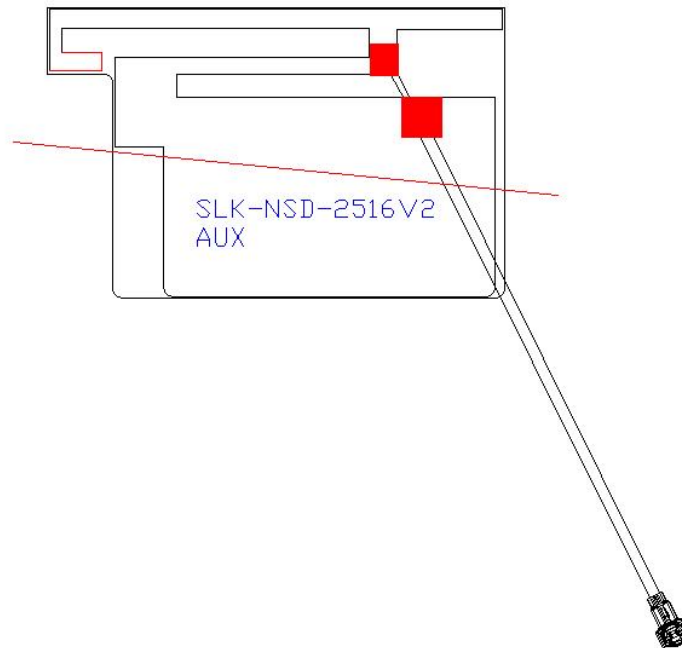
1

2

3

4

5



Product Code:

(1) Customer:

NSD:NaSida

(2) Project:

2516V2: SLK-NSD-2516V2 (WIFI AUX antenna)

(3) Welding Position

R: Right

(4) Cable Length:

490IV: 490*1.13MM 四代端子

(5) Cable Color

G: Gary

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

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

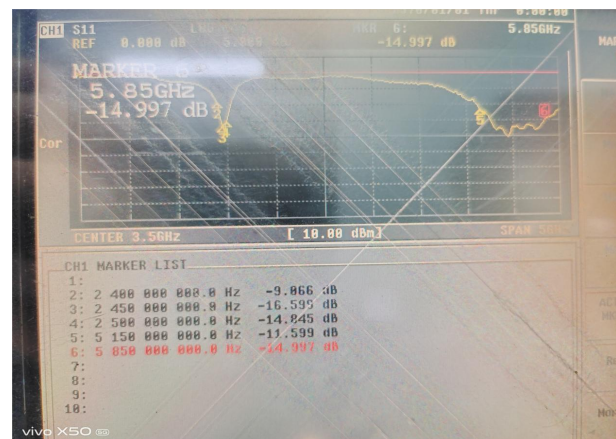
Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR

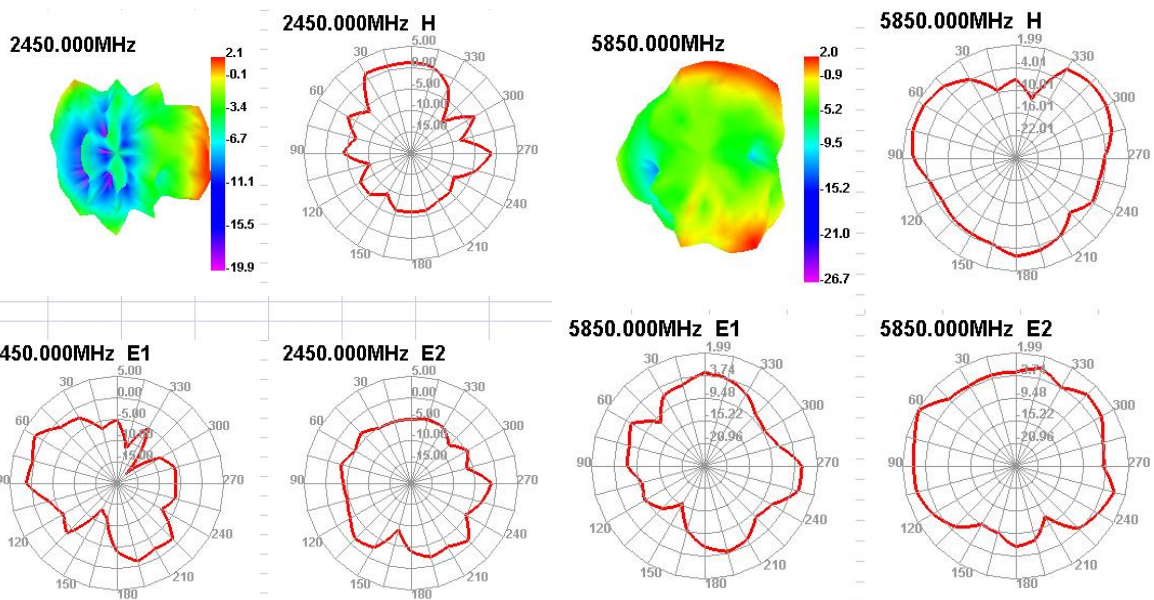


S11

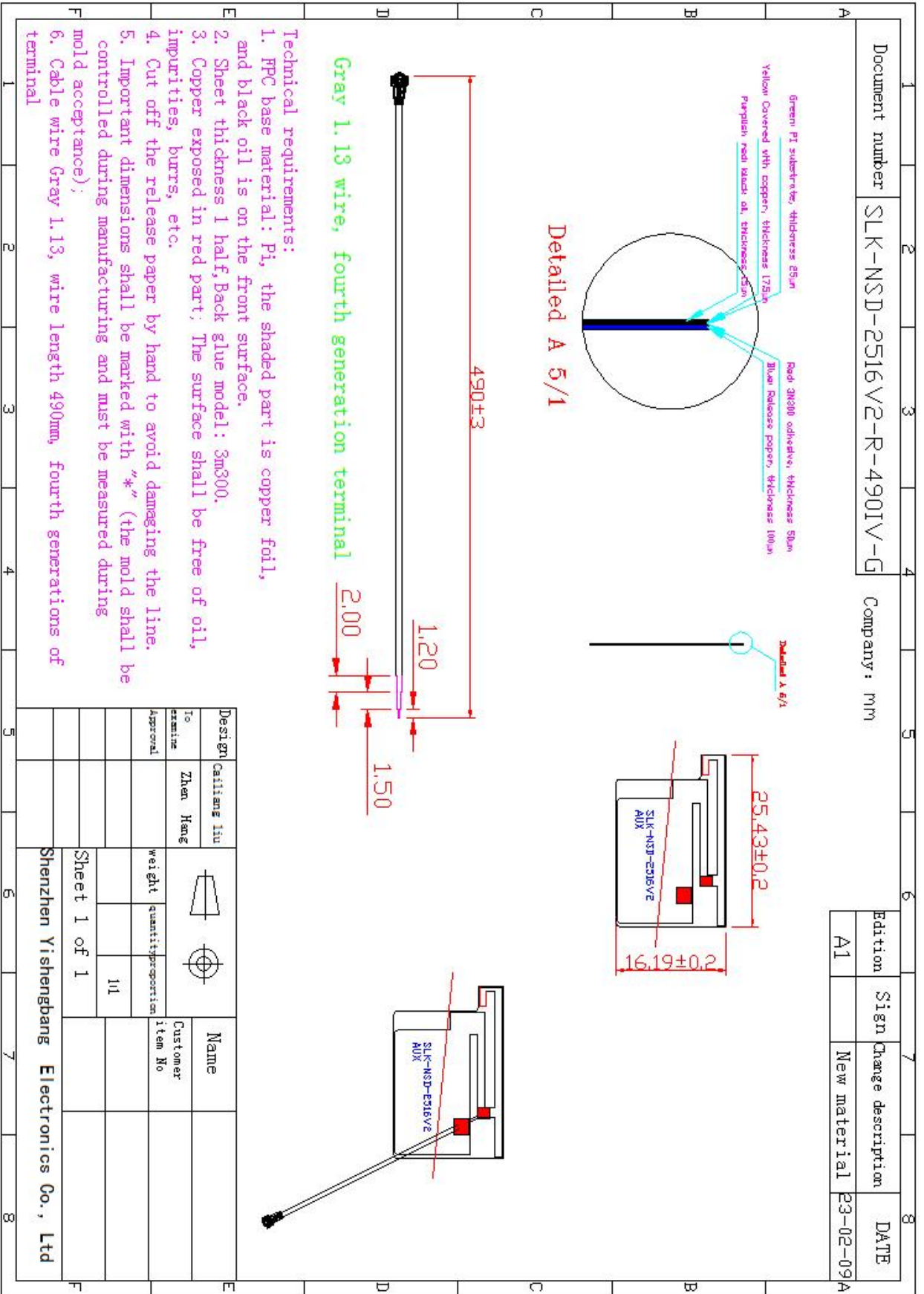


5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

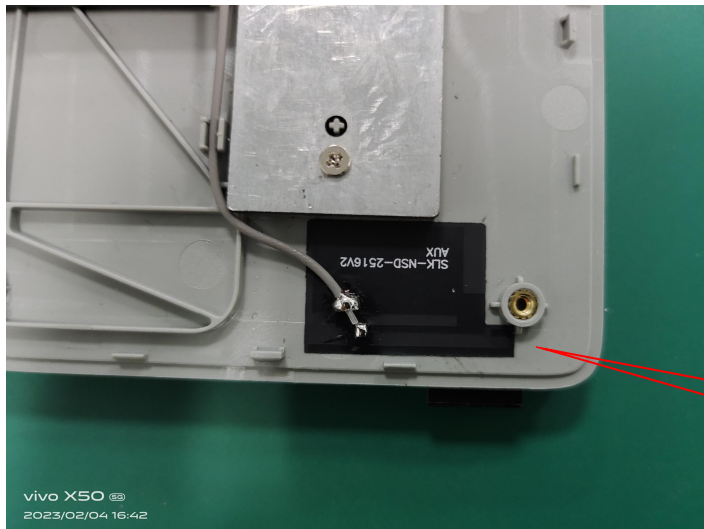
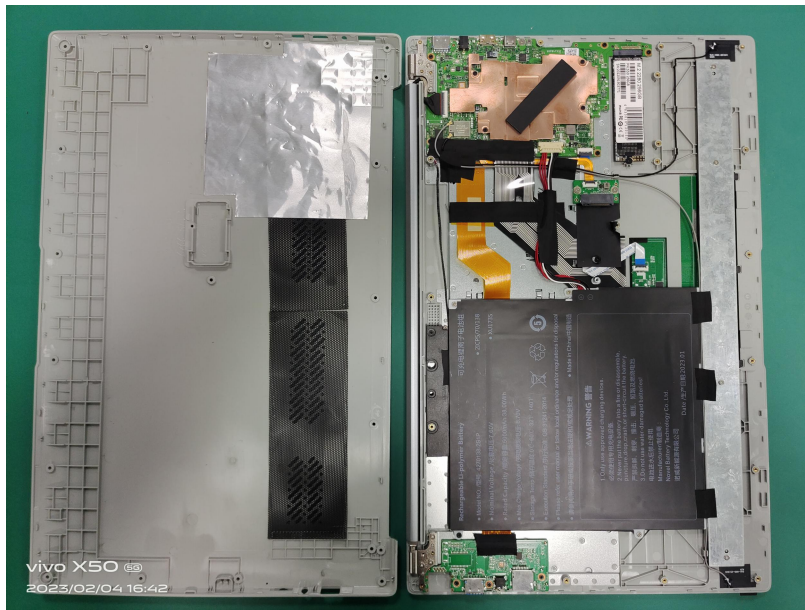
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.79	-3.39	2.48
2410	43.76	-3.59	2.11
2420	44.52	-3.51	2.04
2430	40.65	-3.91	1.68
2440	43.74	-3.59	2.11
2450	41.84	-3.78	2.07
2460	42.71	-3.69	2.33
2470	40.63	-3.91	2.16
2480	42.19	-3.75	2.37
2490	42.02	-3.77	2.38
2500	43.86	-3.58	2.66
5150	37.32	-4.28	1.51
5350	37.58	-4.25	1.6
5550	42.84	-3.68	1.21
5750	47.97	-3.19	2.29
5850	44.84	-3.48	1.99



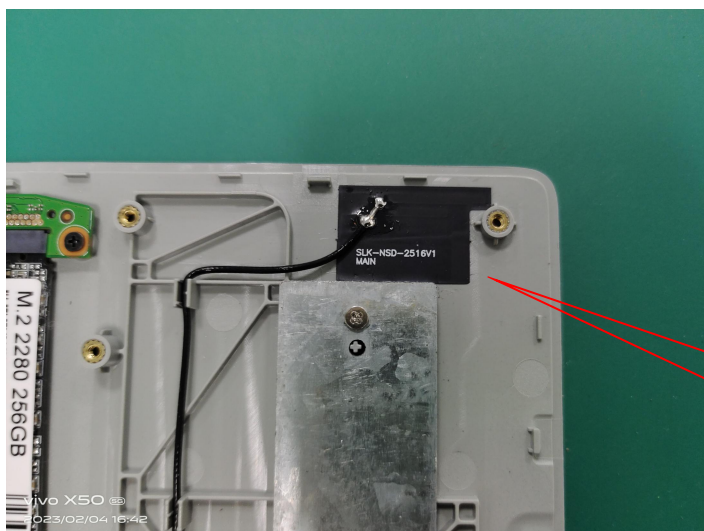
6. Antenna Dimensions (unit: mm)



7. Antenna Picture



WiFi diversity antenna



WiFi main antenna