Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

Company Name (for customer): Shenzhen Puner Electronic Co., LTD

Material Code (filled by customer):

Gauge type number (filled by customer): SCORE51X

Acknowledgement Date (completed by customer):

Name of supplier (SLK): Shenzhen Yishengbang Technology Co., LTD

For the commercial gauge type (SLK): WIFI+GPS:SLK-PNE-5119-R-115IV-B

Acknowledge the signature

Acceptance by Applicant (SLK filling field)			Shenzhen Puner Electronic Co., LTD		
Engineer engineer	The reviewer	approved	Engineer engineer	The reviewer	approved
Chan Shi-lian	Huang zhe	Lin Meicai			
Seal and signature			Seal and signature		
Day period	2022-11-14		Day period		
nstructions: ☐ Accepted ☐ Accepted with conditions					
Remarks (Completed by customer)					

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

Supplier Address: Workshop 2 / F, No. 5 Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan City

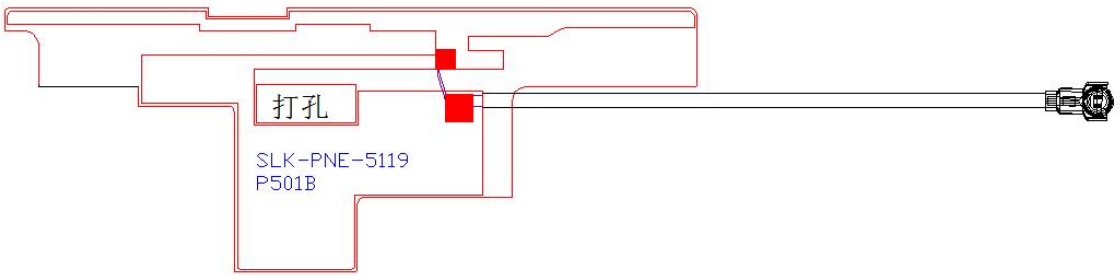
Tel: 0755-29470882 Real: 0755-29163512

WIFI+GPS Antenna (5119)

1. Explanation of Product number :

S L K - P N E - 5 1 1 9 - R - 1 1 5 I V - B

1 2 3 4 5



Product Code:
(1) Customer:
PNE:Purnell
(2) Project:
5119: SLK-PNE-5119 (WIFI+GPS antenna)
(3) Welding Position
R: Right
(4) Cable Length:
115: 115IV*1.13MMFourth 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+GPS (802.11a/b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI +GPS(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.

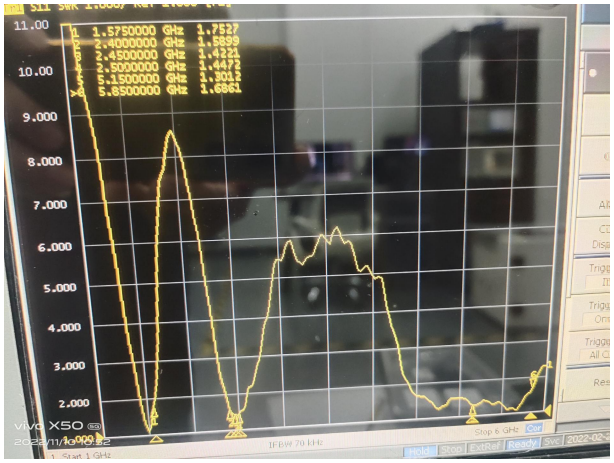
5. Electrical Specifications

5-1

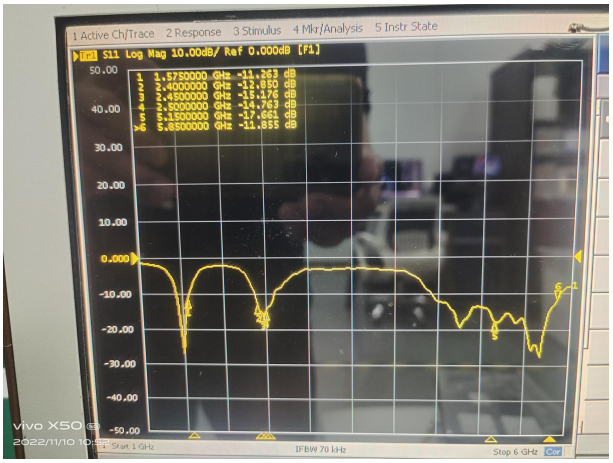
Characteristics	Specifications	Unit
Outline Dimensions	**50.92x 19.4x 0.12**	**mm**
Center Frequency	**1.575-2.4-2.5-5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

5-2.

VSWR

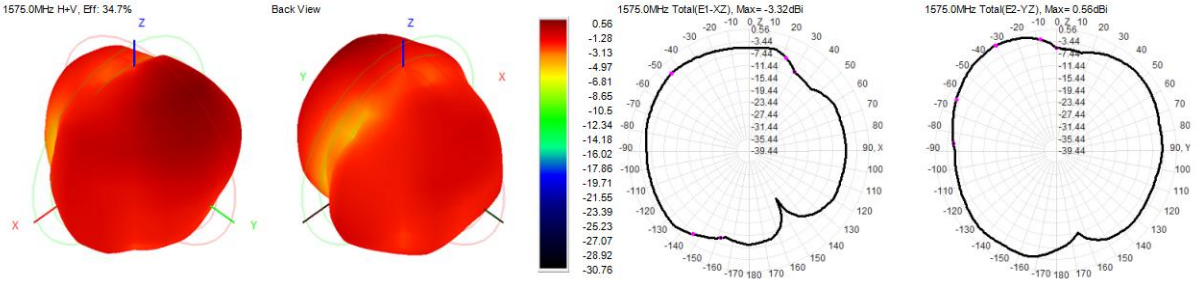


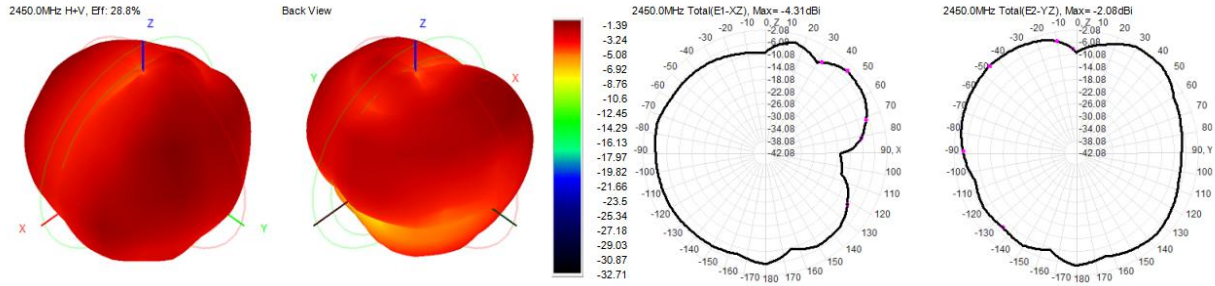
S11

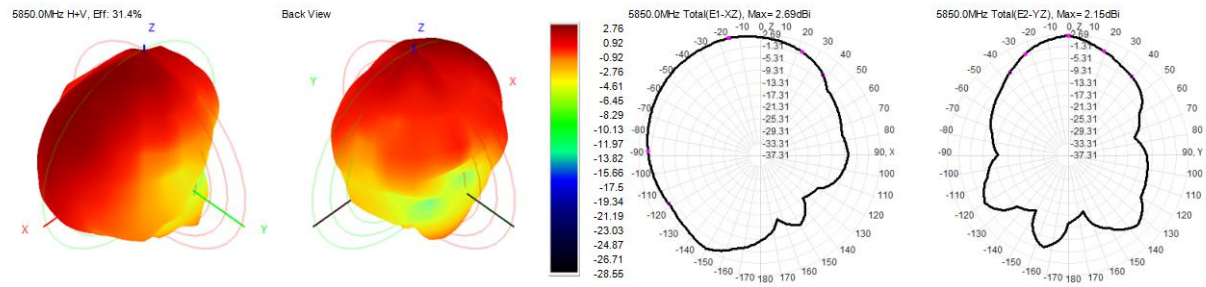


5-3.WIFI +GPS Antenna Gain/Efficiency/Radiation Pattern of 3D

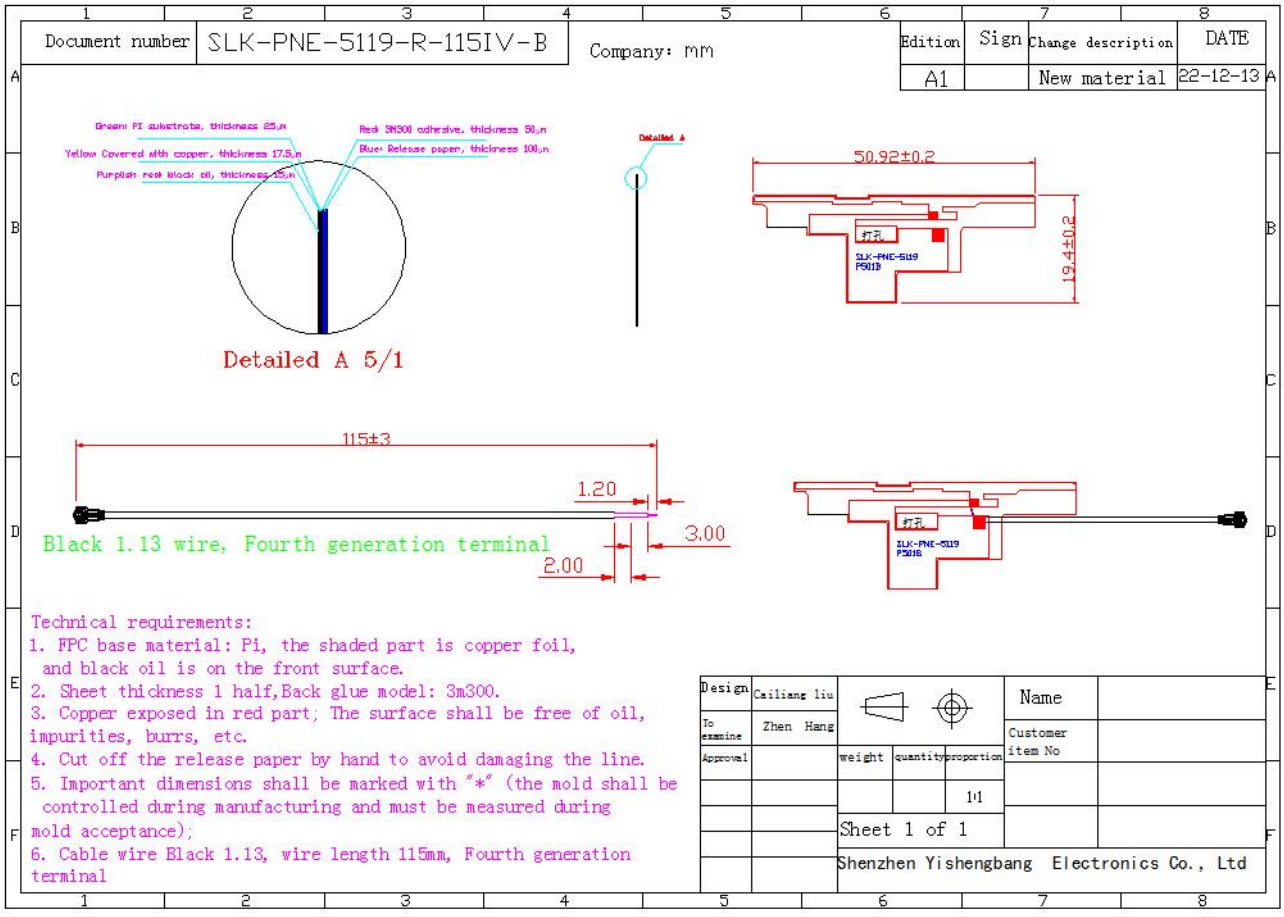
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-5.05	0.06	31.29
1575.0	-4.60	0.56	34.67
1580.0	-4.42	0.75	36.18
2400.0	-5.60	-1.70	27.54
2410.0	-5.42	-1.54	28.68
2420.0	-5.42	-1.62	28.68
2430.0	-5.30	-1.59	29.52
2440.0	-5.31	-1.54	29.44
2450.0	-5.41	-1.39	28.78
2460.0	-5.61	-1.41	27.49
2470.0	-5.70	-1.23	26.92
2480.0	-5.72	-1.12	26.81
2490.0	-5.66	-1.17	27.19
2500.0	-5.80	-1.39	26.31
5150.0	-5.64	1.92	27.31
5350.0	-4.98	2.71	31.79
5550.0	-5.03	2.81	31.39
5750.0	-5.48	2.65	28.32
5850.0	-5.03	2.76	31.40



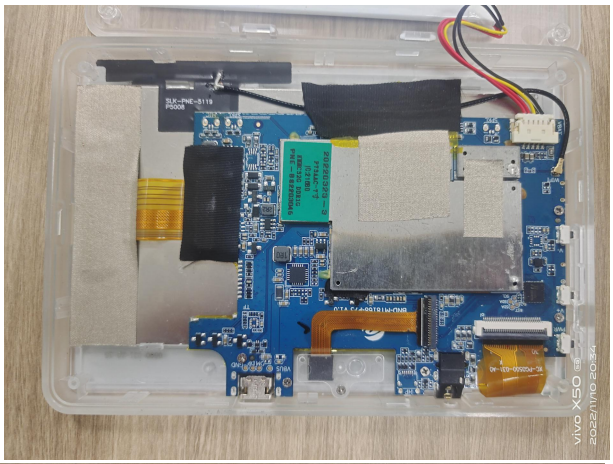


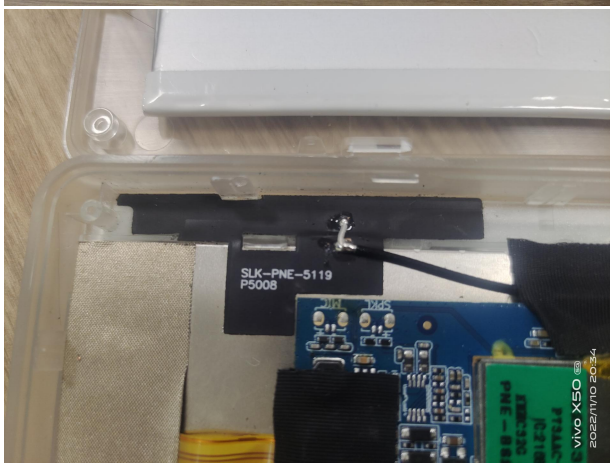


6. Antenna Dimensions (unit: mm)



7. Antenna Picture





As shown in the picture:

1. Pull a conductive cloth on the motherboard shielding cover and ground the screen, and separately pull a conductive cloth on the WIFI shielding cover and connect the motherboard shielding cover together.

2. Pull a conductive cloth to wrap the screen line for shielding processing.

3. The environment at the bottom of the motherboard remains unchanged, and shall be treated according to the customer's original environment. The copper leakage area shall be grounded with conductive sponge and the screen.