

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

The name of the company : DONGGUAN IPRODA TECHNOLOGY Co., LTD

The material code: _____

specifications: T1086P0BA

Admitted to date: _____

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

Supplier standard type number: W/G/B:SLK-APD-4926H-L-140111-B-0.81

Admit signature

For acceptance by the contractor						<u>DONGGUAN IPRODA TECHNOLOGY Co., LTD</u>		
Rf Engineer	audit	approval	Rf Engineer	audit	approval			
Yu Chang	Zhen	Mei Cai						
Zhan	Huang							
Signed and sealed			Signed and sealed					
date			date					
2026-4-7								
instructions: ☐ accept ☐ 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

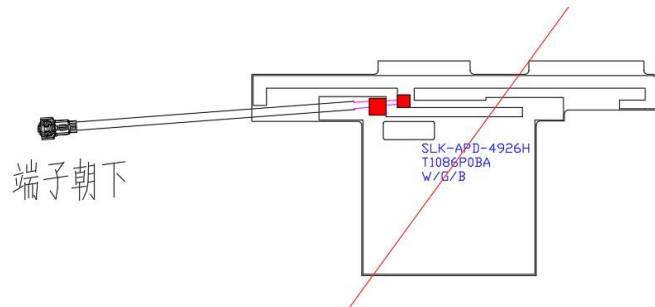
telephone: 18666299104

W/G/B Antenna (4926H)

1. Explanation of Product number :

S L K - A P D - 4 9 2 6 H - L - 1 4 0 I I I - B - 0 . 8 1

1 2 3 4 5



Product Code:

(1) Customer:

APD: M.Power

(2) Project:

4926H: SLK-APD-4926H (W/G/B antenna)

(3) Welding Position

L: Left

(4) Cable Length:

140III: 140*0.81MM

(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 W/G/B (802.11a/b/g/n) functions are needed

4. Description

Holy bond' s FPC antenna series are specially designed for W/G/B (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

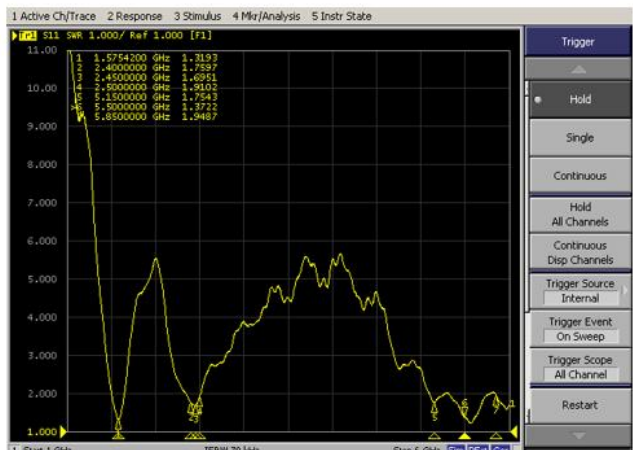
5-1

Characteristics	Specifications	Unit
Outline Dimensions	49.06x25.56x 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.

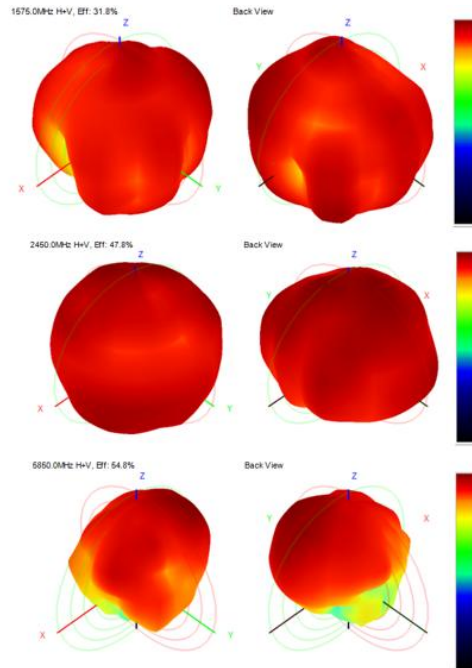
VSWR

S11



5-3.WIFI+GPS Antenna Gain/Efficiency/3D DATE

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-4.88	1.81	32.52
1575.0	-4.97	1.83	31.84
1580.0	-5.21	1.85	30.14
2400.0	-3.30	0.64	46.79
2410.0	-3.29	0.54	46.84
2420.0	-3.17	0.49	48.22
2430.0	-3.12	0.47	48.74
2440.0	-3.21	0.56	47.81
2450.0	-3.20	0.85	47.83
2460.0	-3.11	1.23	48.90
2470.0	-3.30	1.50	46.73
2480.0	-3.29	1.78	46.89
2490.0	-3.42	1.78	45.46
2500.0	-3.50	1.78	44.64
5150.0	-4.01	2.93	39.69
5350.0	-3.32	2.29	46.52
5550.0	-2.87	2.91	51.59
5750.0	-2.66	2.43	54.15
5850.0	-2.62	2.93	54.75



5-4.WIFI throughput test

[12]	26.00-27.01	sec	2.25 MBytes	18.7 Mbits/sec
[SUM]	26.00-27.01	sec	10.1 MBytes	84.2 Mbits/sec
[4]	27.01-28.01	sec	1.38 MBytes	11.6 Mbits/sec
[6]	27.01-28.01	sec	1.25 MBytes	10.5 Mbits/sec
[8]	27.01-28.01	sec	2.25 MBytes	19.0 Mbits/sec
[10]	27.01-28.01	sec	2.25 MBytes	19.0 Mbits/sec
[12]	27.01-28.01	sec	2.12 MBytes	17.9 Mbits/sec
[SUM]	27.01-28.01	sec	9.25 MBytes	78.0 Mbits/sec
[4]	28.01-29.01	sec	1.75 MBytes	14.7 Mbits/sec
[6]	28.01-29.01	sec	2.00 MBytes	16.8 Mbits/sec
[8]	28.01-29.01	sec	2.00 MBytes	16.8 Mbits/sec
[10]	28.01-29.01	sec	2.12 MBytes	17.8 Mbits/sec
[12]	28.01-29.01	sec	2.12 MBytes	17.8 Mbits/sec
[SUM]	28.01-29.01	sec	10.0 MBytes	83.9 Mbits/sec
[4]	29.01-30.00	sec	1.50 MBytes	12.6 Mbits/sec
[6]	29.01-30.00	sec	1.38 MBytes	11.6 Mbits/sec
[8]	29.01-30.00	sec	2.62 MBytes	22.1 Mbits/sec
[10]	29.01-30.00	sec	2.38 MBytes	20.0 Mbits/sec
[12]	29.01-30.00	sec	2.38 MBytes	20.0 Mbits/sec
[SUM]	29.01-30.00	sec	10.2 MBytes	86.2 Mbits/sec
[ID]	Interval		Transfer	Bandwidth
[4]	0.00-30.00	sec	28.6 MBytes	8.00 Mbits/sec
[6]	0.00-30.00	sec	28.4 MBytes	7.93 Mbits/sec
[8]	0.00-30.00	sec	29.1 MBytes	8.14 Mbits/sec
[10]	0.00-30.00	sec	29.0 MBytes	8.10 Mbits/sec
[12]	0.00-30.00	sec	92.9 MBytes	26.0 Mbits/sec
[SUM]	0.00-30.00	sec	93.1 MBytes	26.0 Mbits/sec
[4]	0.00-30.00	sec	29.1 MBytes	26.0 Mbits/sec
[6]	0.00-30.00	sec	66.8 MBytes	18.7 Mbits/sec
[8]	0.00-30.00	sec	66.8 MBytes	18.7 Mbits/sec
[10]	0.00-30.00	sec	310 MBytes	86.8 Mbits/sec
[12]	0.00-30.00	sec	310 MBytes	86.7 Mbits/sec
[SUM]	0.00-30.00	sec	310 MBytes	86.7 Mbits/sec

2.4G 下载86.7M

[6]	27.00-28.00	sec	1.48 MBytes	12.4 Mbits/sec
[8]	27.00-28.00	sec	1.02 MBytes	8.51 Mbits/sec
[10]	27.00-28.00	sec	1.72 MBytes	14.4 Mbits/sec
[12]	27.00-28.00	sec	1.99 MBytes	16.6 Mbits/sec
[SUM]	27.00-28.00	sec	8.11 MBytes	67.9 Mbits/sec
[4]	28.00-29.01	sec	2.06 MBytes	17.2 Mbits/sec
[6]	28.00-29.01	sec	1.78 MBytes	14.8 Mbits/sec
[8]	28.00-29.01	sec	838 MBytes	6.84 Mbits/sec
[10]	28.00-29.01	sec	1.79 MBytes	15.0 Mbits/sec
[12]	28.00-29.01	sec	2.30 MBytes	19.2 Mbits/sec
[SUM]	28.00-29.01	sec	8.75 MBytes	73.0 Mbits/sec
[4]	29.01-30.00	sec	2.42 MBytes	20.4 Mbits/sec
[6]	29.01-30.00	sec	2.15 MBytes	18.2 Mbits/sec
[8]	29.01-30.00	sec	1.16 MBytes	9.74 Mbits/sec
[10]	29.01-30.00	sec	2.27 MBytes	19.1 Mbits/sec
[12]	29.01-30.00	sec	2.45 MBytes	20.7 Mbits/sec
[SUM]	29.01-30.00	sec	10.4 MBytes	88.1 Mbits/sec
[ID]	Interval		Transfer	Bandwidth
[4]	0.00-30.00	sec	46.6 MBytes	13.0 Mbits/sec
[6]	0.00-30.00	sec	45.0 MBytes	12.6 Mbits/sec
[8]	0.00-30.00	sec	55.7 MBytes	15.6 Mbits/sec
[10]	0.00-30.00	sec	54.5 MBytes	15.2 Mbits/sec
[12]	0.00-30.00	sec	36.3 MBytes	10.7 Mbits/sec
[SUM]	0.00-30.00	sec	46.3 MBytes	12.9 Mbits/sec
[4]	0.00-30.00	sec	44.9 MBytes	12.6 Mbits/sec
[6]	0.00-30.00	sec	63.5 MBytes	17.7 Mbits/sec
[8]	0.00-30.00	sec	61.8 MBytes	17.3 Mbits/sec
[10]	0.00-30.00	sec	250 MBytes	70.0 Mbits/sec
[12]	0.00-30.00	sec	243 MBytes	68.0 Mbits/sec
[SUM]	0.00-30.00	sec	243 MBytes	68.0 Mbits/sec

2.4G 上传68M

[6]	27.00-28.00	sec	6.88	MBytes	57.5	Mbits/sec
[8]	27.00-28.00	sec	6.75	MBytes	56.5	Mbits/sec
[10]	27.00-28.00	sec	6.75	MBytes	56.5	Mbits/sec
[12]	27.00-28.00	sec	6.50	MBytes	54.4	Mbits/sec
[SUM]	27.00-28.00	sec	33.9	MBytes	283	Mbits/sec
[4]	28.00-29.00	sec	6.50	MBytes	54.6	Mbits/sec
[6]	28.00-29.00	sec	6.38	MBytes	53.6	Mbits/sec
[8]	28.00-29.00	sec	6.00	MBytes	50.4	Mbits/sec
[10]	28.00-29.00	sec	6.12	MBytes	51.5	Mbits/sec
[12]	28.00-29.00	sec	6.12	MBytes	51.5	Mbits/sec
[SUM]	28.00-29.00	sec	31.1	MBytes	262	Mbits/sec
[4]	29.00-30.00	sec	6.25	MBytes	52.3	Mbits/sec
[6]	29.00-30.00	sec	6.25	MBytes	52.3	Mbits/sec
[8]	29.00-30.00	sec	6.12	MBytes	51.2	Mbits/sec
[10]	29.00-30.00	sec	6.12	MBytes	51.2	Mbits/sec
[12]	29.00-30.00	sec	6.00	MBytes	50.2	Mbits/sec
[SUM]	29.00-30.00	sec	30.8	MBytes	257	Mbits/sec
[ID]	Interval		Transfer		Bandwidth	
[4]	0.00-30.00	sec	157	MBytes	43.8	Mbits/sec
[4]	0.00-30.00	sec	157	MBytes	43.8	Mbits/sec
[6]	0.00-30.00	sec	252	MBytes	70.5	Mbits/sec
[6]	0.00-30.00	sec	252	MBytes	70.5	Mbits/sec
[8]	0.00-30.00	sec	180	MBytes	50.3	Mbits/sec
[8]	0.00-30.00	sec	180	MBytes	50.3	Mbits/sec
[10]	0.00-30.00	sec	139	MBytes	38.8	Mbits/sec
[10]	0.00-30.00	sec	139	MBytes	38.8	Mbits/sec
[12]	0.00-30.00	sec	244	MBytes	68.2	Mbits/sec
[12]	0.00-30.00	sec	244	MBytes	68.2	Mbits/sec
[SUM]	0.00-30.00	sec	971	MBytes	271	Mbits/sec
[SUM]	0.00-30.00	sec	971	MBytes	271	Mbits/sec

iperf Done.

提取文字 ... 更多功能

5G 下载271M

[6]	27.00-28.00	sec	5.36	MBytes	45.0	Mbits/sec
[8]	27.00-28.00	sec	5.33	MBytes	44.7	Mbits/sec
[10]	27.00-28.00	sec	5.39	MBytes	45.3	Mbits/sec
[12]	27.00-28.00	sec	7.45	MBytes	62.5	Mbits/sec
[SUM]	27.00-28.00	sec	30.6	MBytes	257	Mbits/sec
[4]	28.00-29.00	sec	7.17	MBytes	60.1	Mbits/sec
[6]	28.00-29.00	sec	5.65	MBytes	47.4	Mbits/sec
[8]	28.00-29.00	sec	5.51	MBytes	46.2	Mbits/sec
[10]	28.00-29.00	sec	5.51	MBytes	46.2	Mbits/sec
[12]	28.00-29.00	sec	7.74	MBytes	64.9	Mbits/sec
[SUM]	28.00-29.00	sec	31.6	MBytes	265	Mbits/sec
[4]	29.00-30.00	sec	8.15	MBytes	68.4	Mbits/sec
[6]	29.00-30.00	sec	5.86	MBytes	49.2	Mbits/sec
[8]	29.00-30.00	sec	5.79	MBytes	48.5	Mbits/sec
[10]	29.00-30.00	sec	5.76	MBytes	48.3	Mbits/sec
[12]	29.00-30.00	sec	8.33	MBytes	69.9	Mbits/sec
[SUM]	29.00-30.00	sec	33.9	MBytes	284	Mbits/sec
[ID]	Interval		Transfer		Bandwidth	
[4]	0.00-30.00	sec	177	MBytes	49.5	Mbits/sec
[4]	0.00-30.00	sec	175	MBytes	49.0	Mbits/sec
[6]	0.00-30.00	sec	159	MBytes	44.4	Mbits/sec
[6]	0.00-30.00	sec	157	MBytes	44.0	Mbits/sec
[8]	0.00-30.00	sec	165	MBytes	46.1	Mbits/sec
[8]	0.00-30.00	sec	164	MBytes	45.7	Mbits/sec
[10]	0.00-30.00	sec	164	MBytes	45.8	Mbits/sec
[10]	0.00-30.00	sec	162	MBytes	45.4	Mbits/sec
[12]	0.00-30.00	sec	186	MBytes	52.0	Mbits/sec
[12]	0.00-30.00	sec	184	MBytes	51.6	Mbits/sec
[SUM]	0.00-30.00	sec	850	MBytes	238	Mbits/sec
[SUM]	0.00-30.00	sec	843	MBytes	236	Mbits/sec

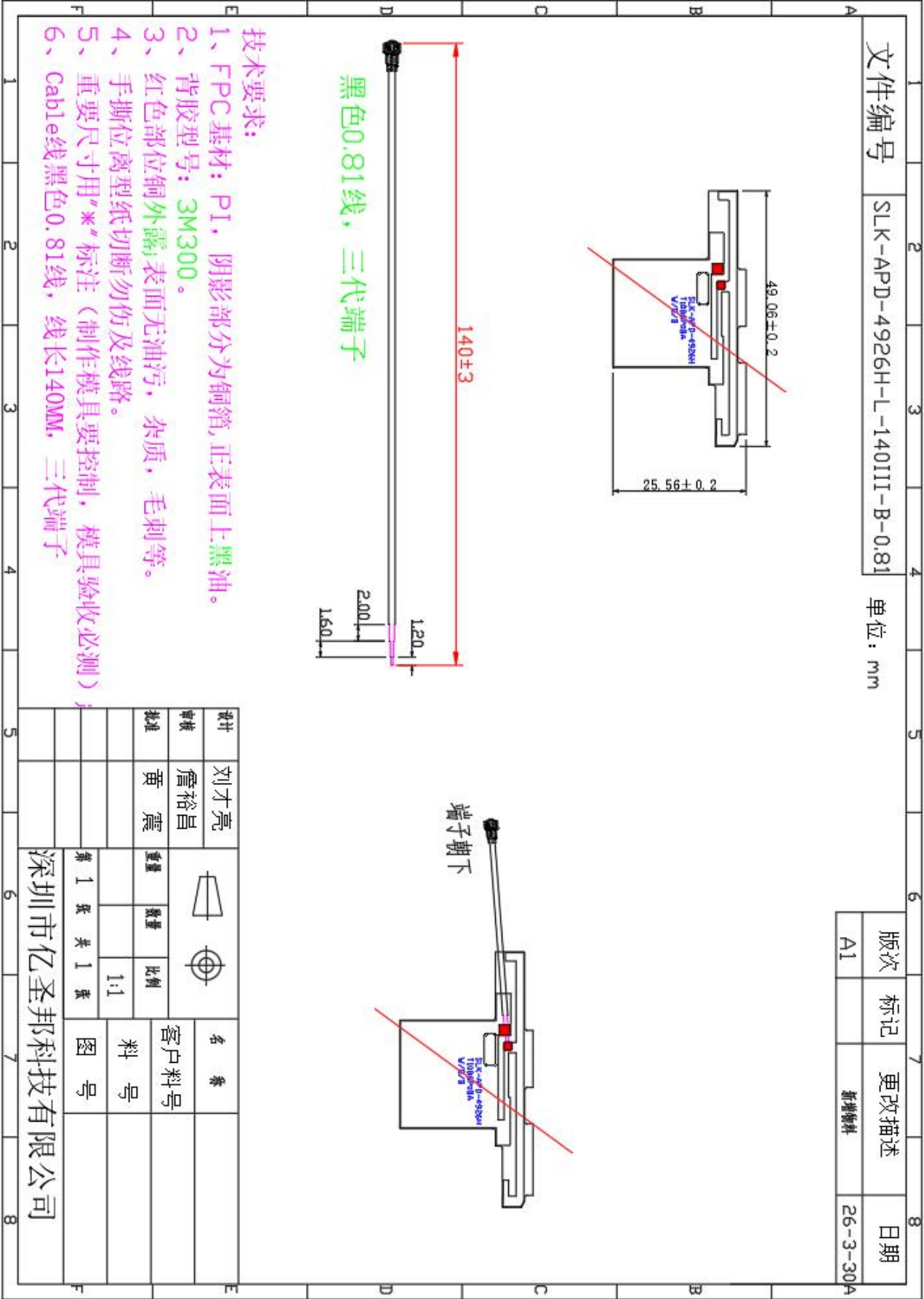
iperf Done.

5G 上传236M

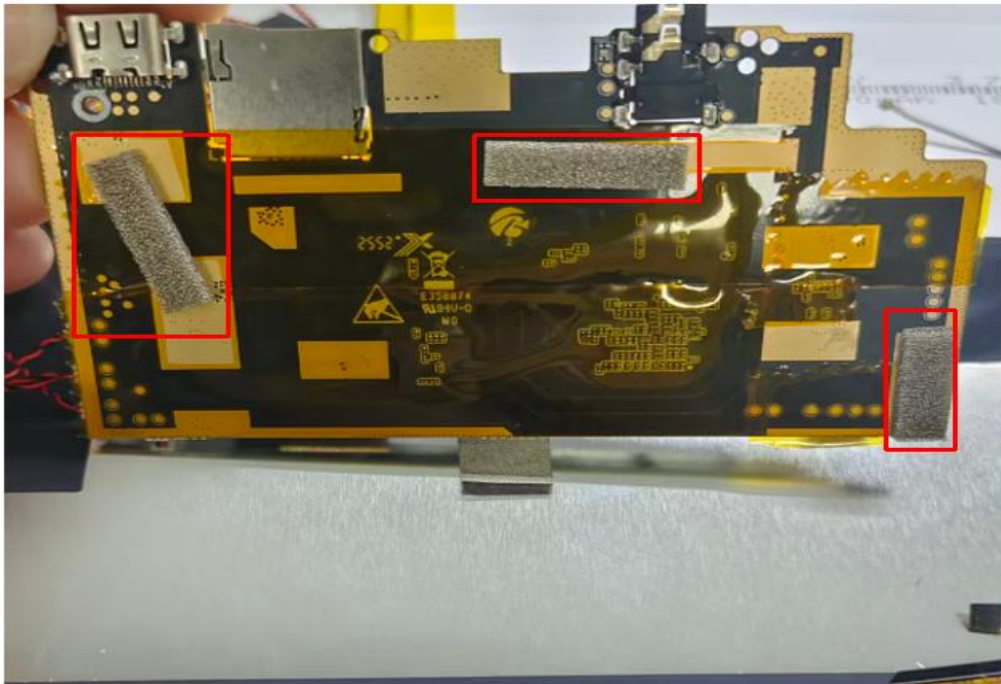
5-6.GPS practical Test



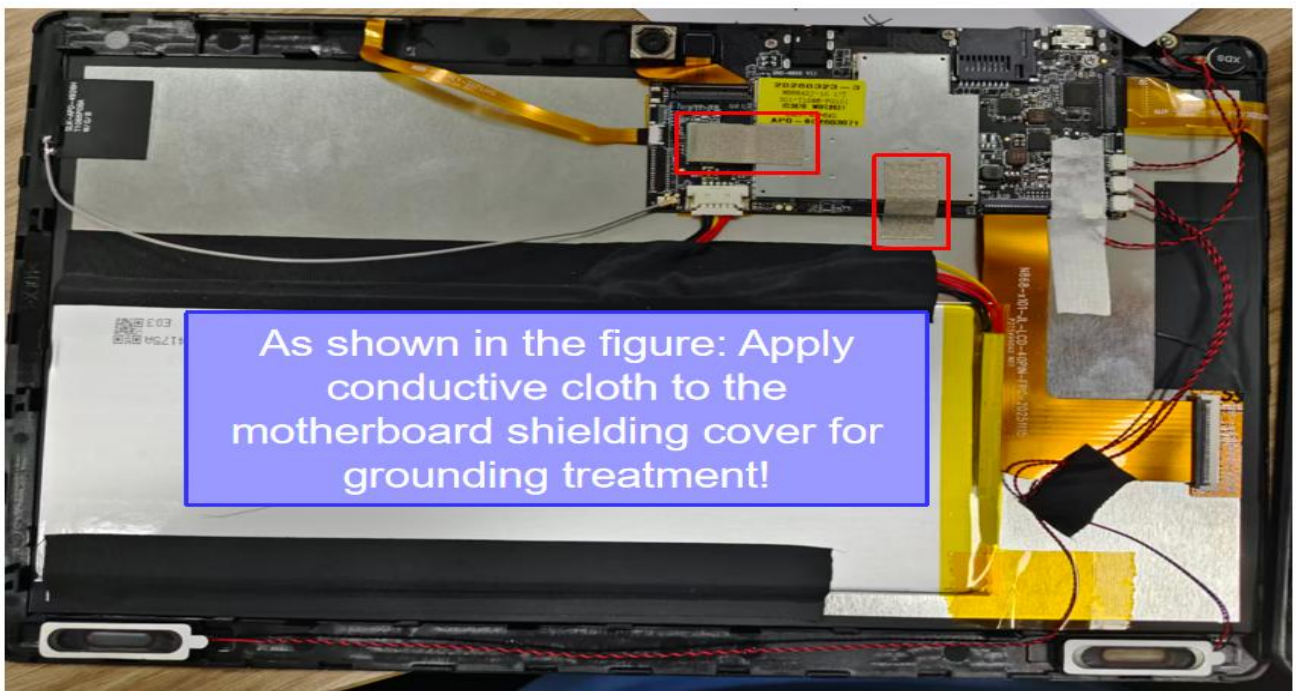
6. Antenna Dimensions (unit: mm)



7. Antenna Picture



As shown in the figure:
Conductive sponge with red frame adhesive and tin alloy grounding treatment!



As shown in the figure: Apply conductive cloth to the motherboard shielding cover for grounding treatment!

