

SHENZHEN XIN LINGKE TECHNOLOGY CO.,LTD

SPECIFICATION FOR APPROVAL

Customer: **Jin Taiyi**

Description: T33-7863-6789-A140

P/N:		SENDING DATE	2026.05.22
SUPPLIERS P/N	Xin Lingke	APPROVED NO.	
Customer hardware		Client project	S08
customer structure		Customer quality	
RF Engineer	Yang Hai	Structural engineer	Zhang Haidong

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1 Summary

1.1 Match circuit

No change.

2 Configuring settings

TX Power and RX Sensitivity The data of TX Power and Rx Sensitivity is 3D result measured in microwave anechoic chamber by the Agilent8960.

3.1 TRP、TIS

06.WIFI active data



2.4G WIFI active data

2.4GWIFI	802.11b (11M)		
channel	1	7	13
TRP	11	11.5	12.1
TIS			-75.46

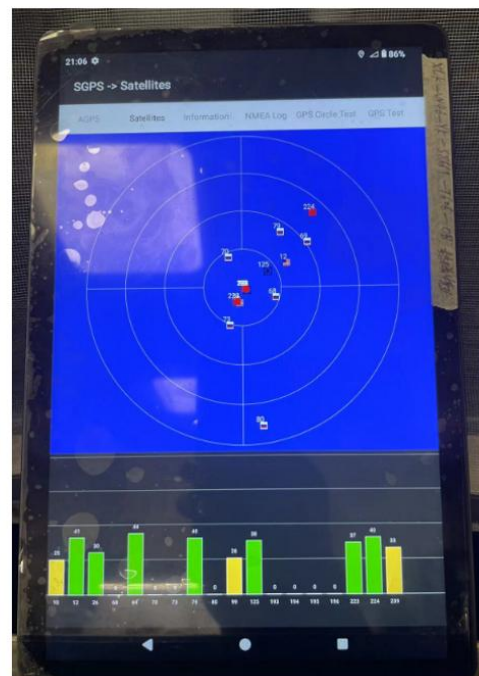
5G WIFI source data

2.4GWIFI	802.11A (54M)		
channel	36	149	165
TRP	10.9	11.1	11
TIS			-69.9

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06. GPS/BT/ measured data

GPS searches for stars in our company with a positioning time of 1 minute. Bluetooth unobstructed 12 meter listening to music smoothly.

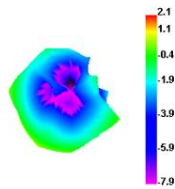


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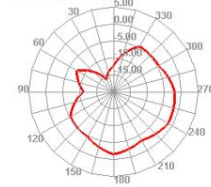
06. Gain data

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	29.96	2.07
2410	32.2	2.2
2420	30.7	1.84
2430	28.24	1.33
2440	33.46	1.9
2450	35.96	1.99
2460	33	1.33
2470	27.23	0.14
2480	30.17	0.14
2490	29.49	0.19
2500	37.01	1.27

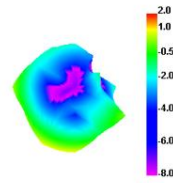
2400.000MHz



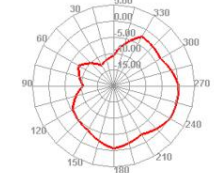
2400.000MHz H



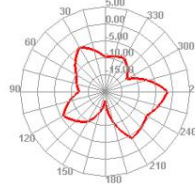
2450.000MHz



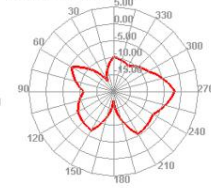
2450.000MHz H



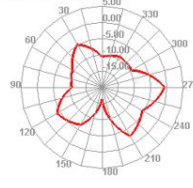
2400.000MHz E1



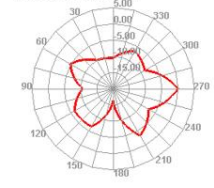
2400.000MHz E2



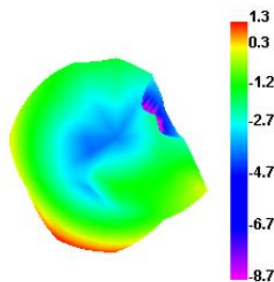
2450.000MHz E1



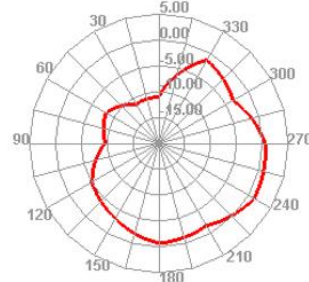
2450.000MHz E2



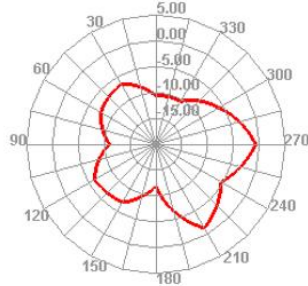
2500.000MHz



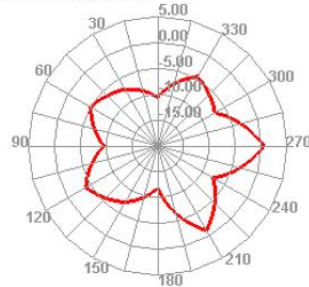
2500.000MHz H



2500.000MHz E1

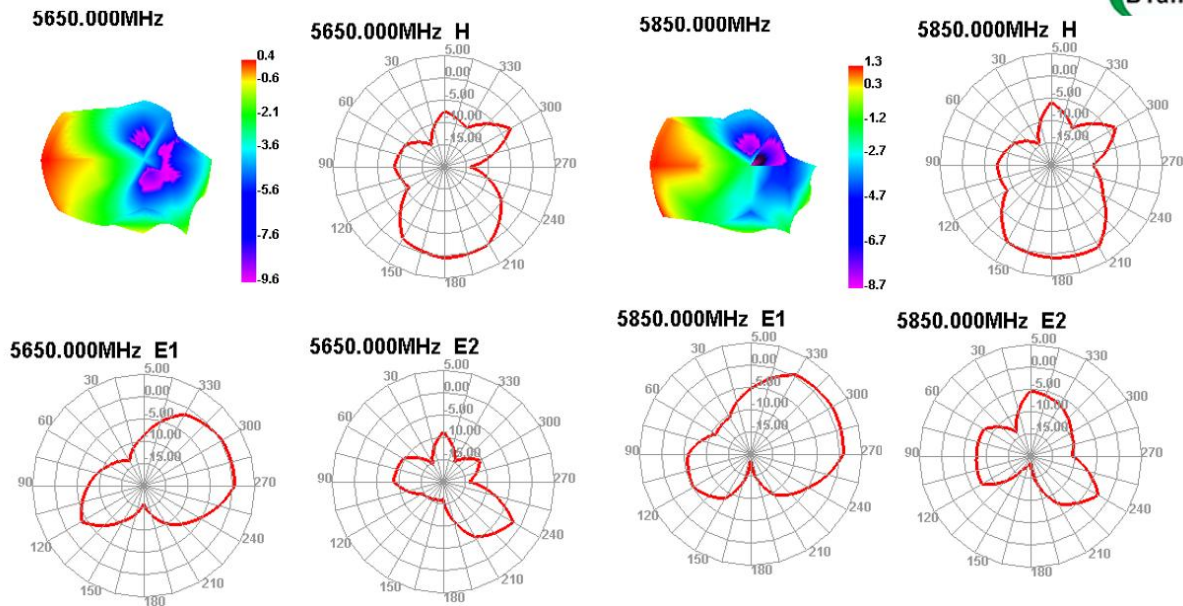
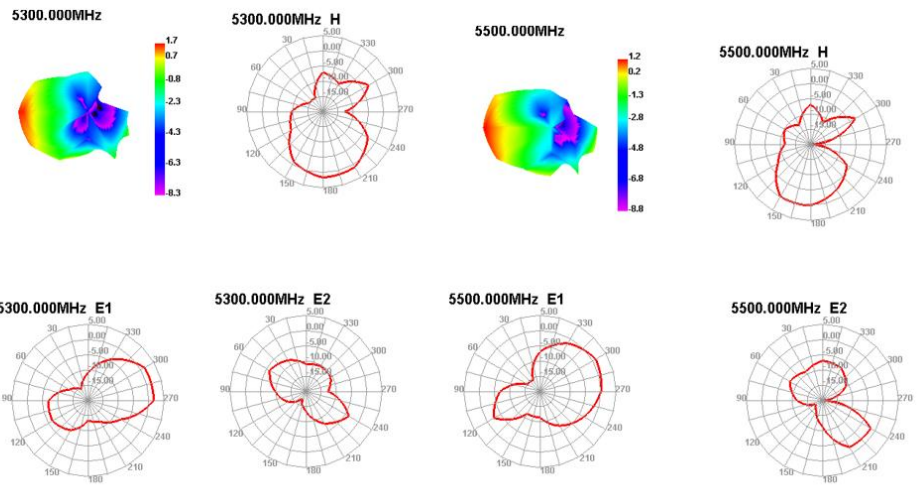


2500.000MHz E2

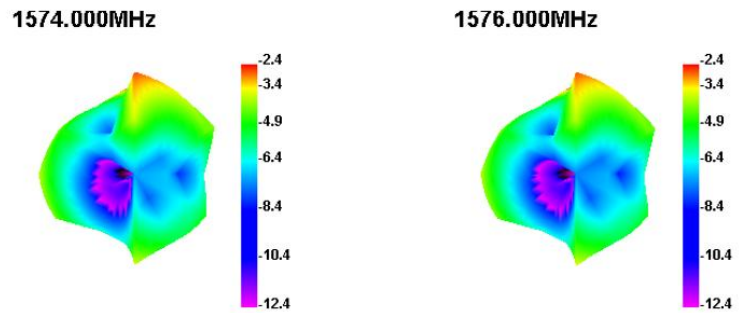


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Passive Test For WIFI5.8		
Freq (MHz)	Effi (%)	Gain (dBi)
5150	35.6	1.67
5200	34.62	1.41
5250	35.73	1.71
5300	32.62	1.72
5350	32.55	1.59
5400	28.06	0.51
5450	32.59	1.09
5500	31.39	1.18
5550	27.62	0.82
5600	28.46	0.83
5650	27.04	0.42
5700	40.51	2.49
5750	32.23	1.87
5800	27.3	1.04
5850	33.12	1.27



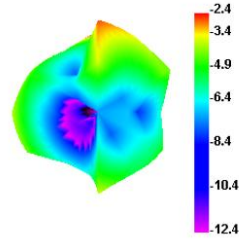
Passive Test For GPS1		
Freq (MHz)	Effi (%)	Effi (dB)
1558	24.85	-6.05
1560	24.85	-6.05
1562	24.74	-6.07
1564	24.67	-6.08
1566	24.4	-6.13
1568	23.81	-6.23
1570	22.82	-6.42
1572	22.38	-6.5
1574	21.89	-6.6
1576	21.68	-6.64
1578	21.77	-6.62
1580	21.88	-6.6
1582	21.45	-6.69
1584	20.73	-6.84
1586	19.63	-7.07
1588	18.37	-7.36
1590	17.31	-7.62
1592	16.47	-7.83
1594	16.04	-7.95
1596	15.9	-7.98
1598	15.85	-8
1600	15.65	-8.05



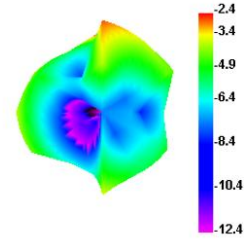
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Passive Test For GPS1		
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1564	24.67	-6.08
1566	24.4	-6.13
1568	23.81	-6.23
1570	22.82	-6.42
1572	22.38	-6.5
1574	21.89	-6.6
1576	21.68	-6.64
1578	21.77	-6.62
1580	21.88	-6.6
1582	21.45	-6.69
1584	20.73	-6.84
1586	19.63	-7.07
1588	18.37	-7.36
1590	17.31	-7.62
1592	16.47	-7.83
1594	16.04	-7.95
1596	15.9	-7.98
1598	15.85	-8
1600	15.65	-8.05

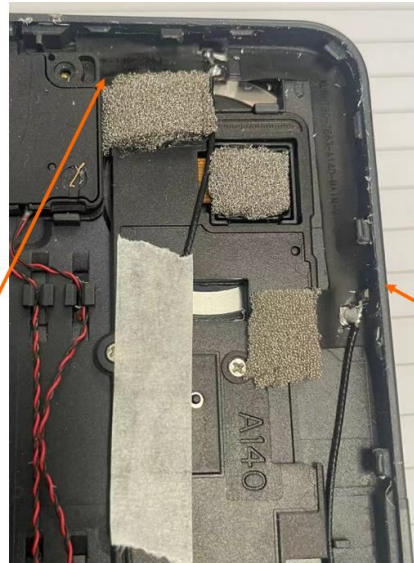
1574.000MHz



1576.000MHz



08.Antenna location diagram



3-in-1 antenna position, attach to side wall

Main antenna position

09.environmental treatment; environmental processing

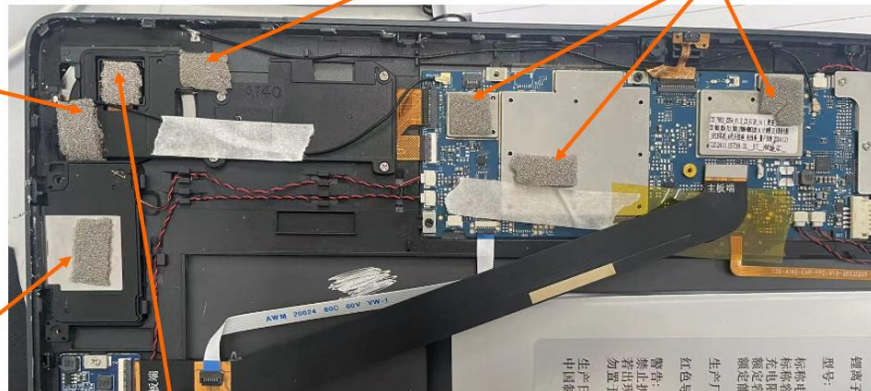
Main antenna adhesive foam and screen grounding

Attach conductive foam to the motherboard and ground the screen

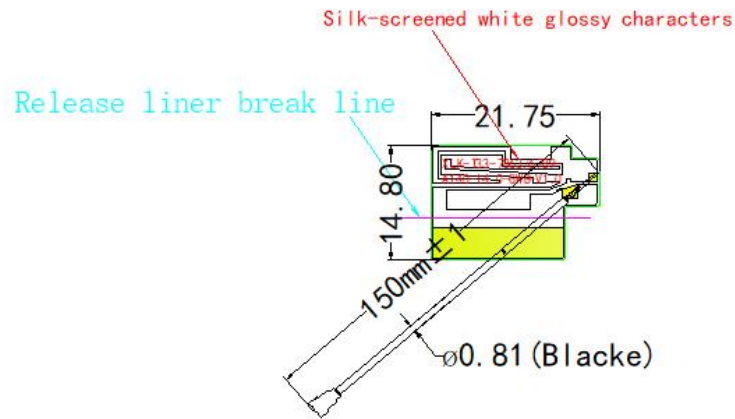
3-in-1 antenna conductive sponge grounding to screen

Speaker gasket conductive sponge grounding to screen

Camera module conductive sponge grounding to the screen



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technical requirements:

- 1.The material is electrolytic copper with a thickness of 0.05mm;
- 2.Back glue : 3M9471;
- 3.Anti oxidation treatment for gold finger surface;
- 4.Protective film forBlack oil;
- 5.Overall thickness should be less than or equal to0.15mm;
- 6.Accurate tolerance range:0.1mm;
- 7.Only the product diagram is allowed to conduct electricity;
- 8.Where A stands for adhesive and B is FPC;
- 9.Please refer to the drawing for dimensions not specified.

Shenzhen NEW LINKE Technology Co., Ltd

Third perspective	entry name:	Date	2026-05-15
	T33-7863-6789-A140	Design	Zsb
	Product name:	examine	MD
	GWB	RF	
	Material code:	approval	
	Material Science:	unit:mm	ratio:FIT
	FPC+IPEX 1 Coaxial line		

Handset Model	T33-7863-6789-A140			Tested Quantity	5PCS		
Standard	GB2423. 18			Product material	FPC		
Tested Items	Required Standard	Actual value	Result	Tested Items	Required Standard	Actual value	Result
Tester Model	KD-60	KD-60	OK	Tested Period	24H	24H	OK
Salt Fog Test Type	NSS Neutral NSS	NSS Neutral NSS	OK	Salt Fog Box Temperature	35° C	35℃	OK
Salt PH	6.5-7.2	6.8	OK	amount of precipitation of Salt fog (H. 80C)	1-2ml	1.8ml	OK
Fog spit type	Continued fog	Continued fog	OK	Material	FPC	FPC	OK

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Volume of salt	5%/NaCL	5%/NaCL	OK	Compressed air pressure	1±0.1KG/CM ₂	1	OK
saturated temperature	47° C	47℃	OK	Sample location angel	90°	90°	OK
Observed Period	Observed phenomenon						
4H	NA						
12H	NA						
24H	NA						
Judged Standard: Judged by the method of GB5944-86, over Level 9 is qualified.							
Final Tested Result	Qualified ✓			Unqualified			
Tested by	Benyuan He	Supervised by	Aibing Wang	Approved by			
Remark: normal salt fog tested methods is NSS,AASS and CASS.							

7. Shipment Mode

Material Type	Package Mode	
FPC	1、 full page package for shipment 2、 Release paper+ PET plastics bags packed 3、 100sheets/bag	

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