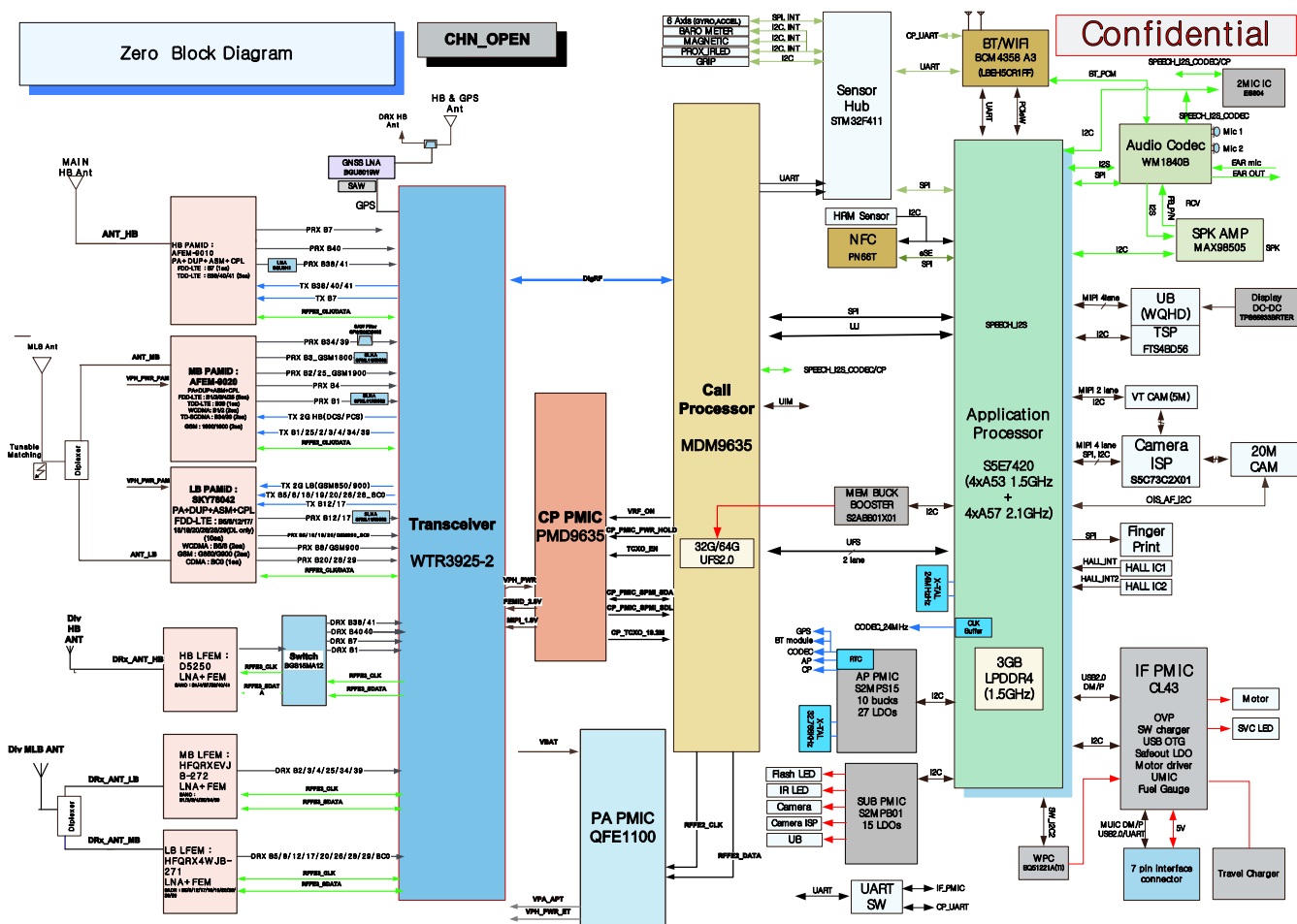
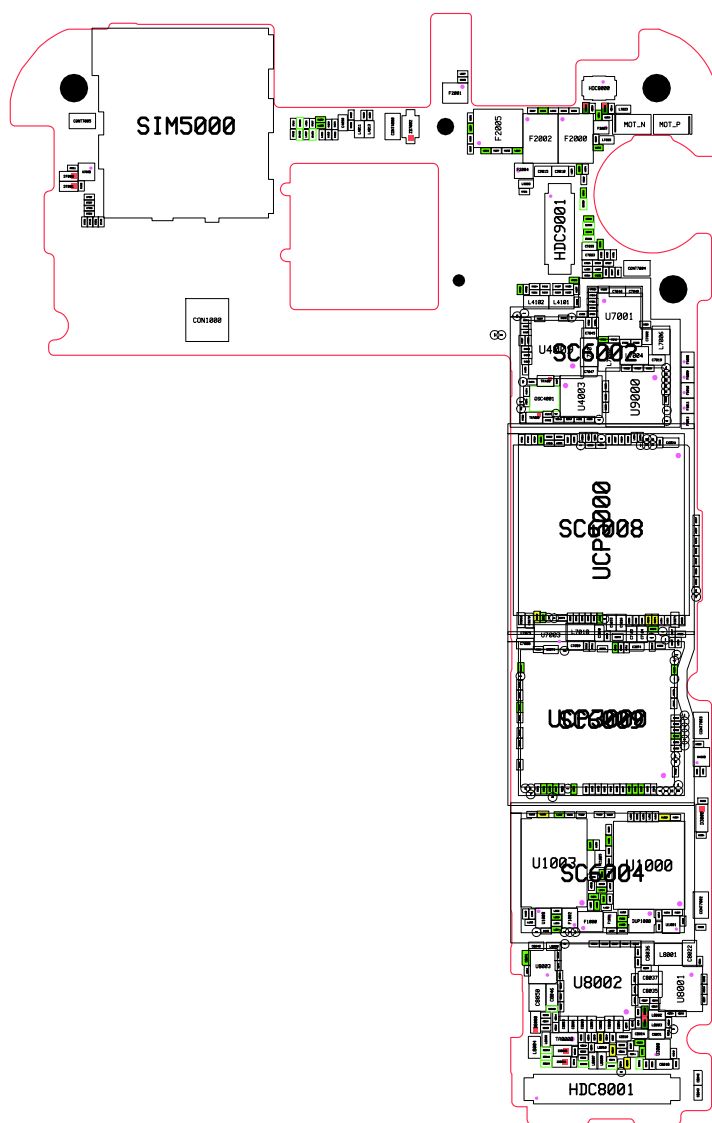


8. 3 级维修

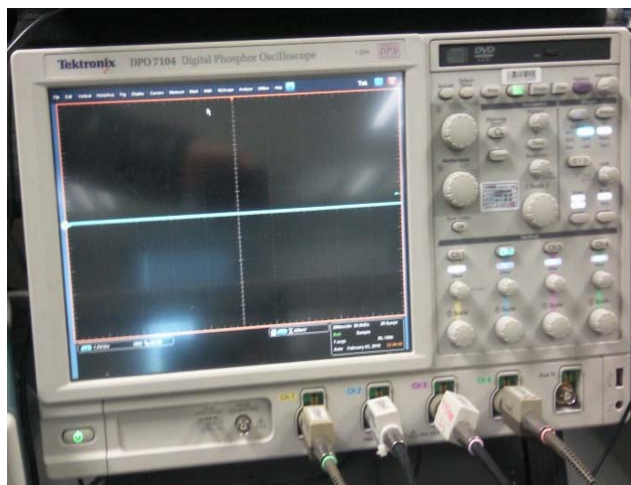
8-1. 框图



8-2-2. 底部



8-2-3. 设备



↑示波器



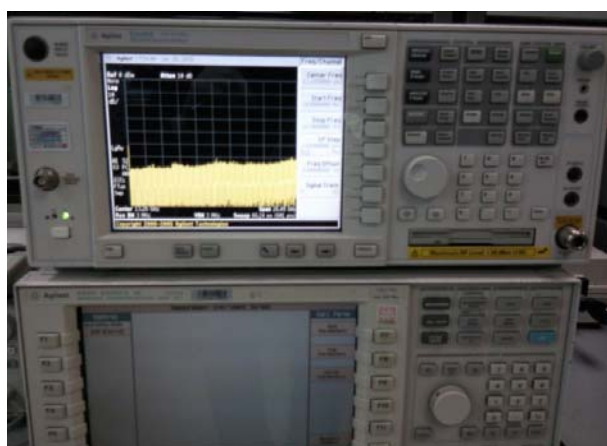
↑数字万用表



↑电源供电



↑+字螺丝刀，ESD 安全镊子



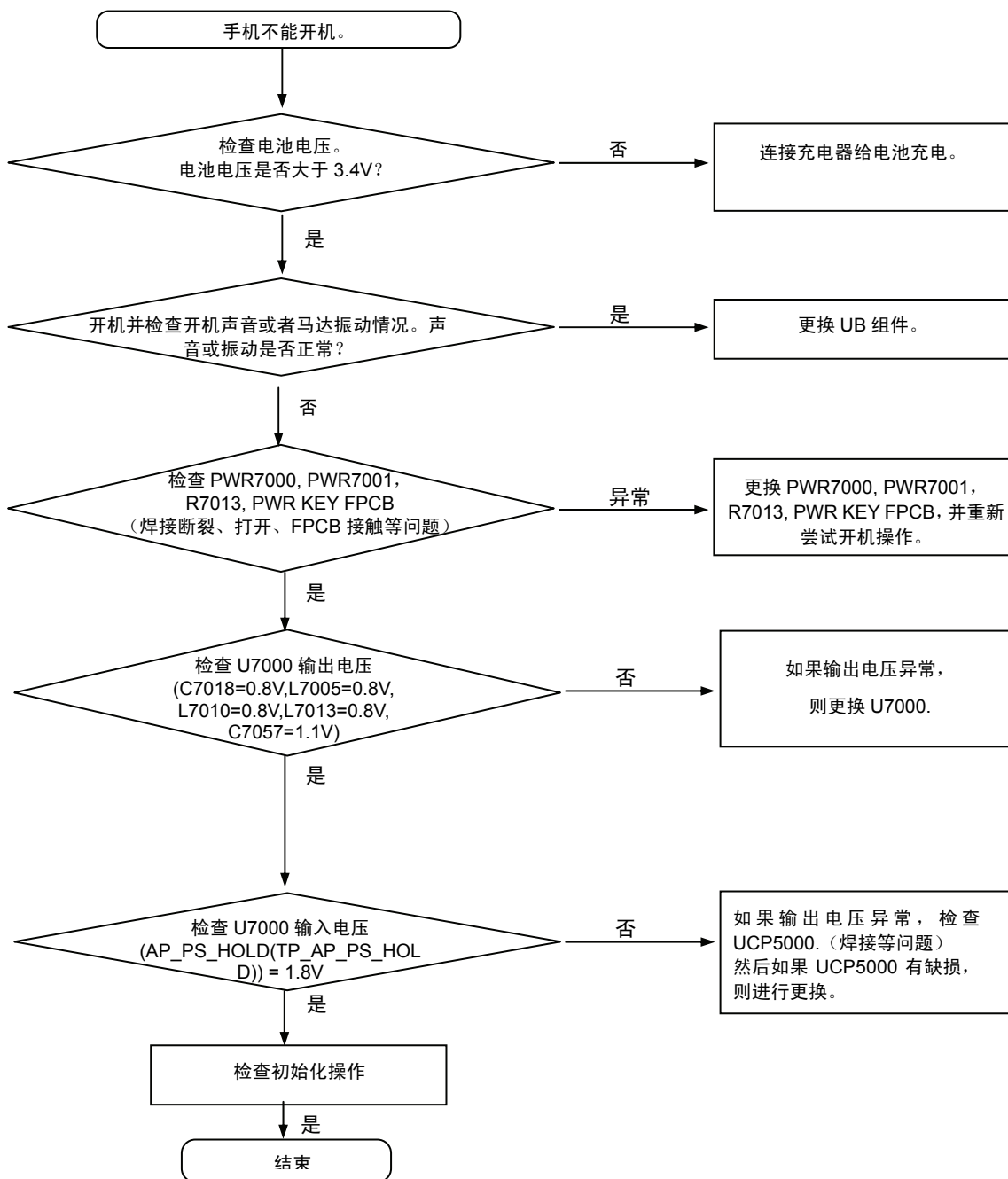
↑8960 和频谱仪

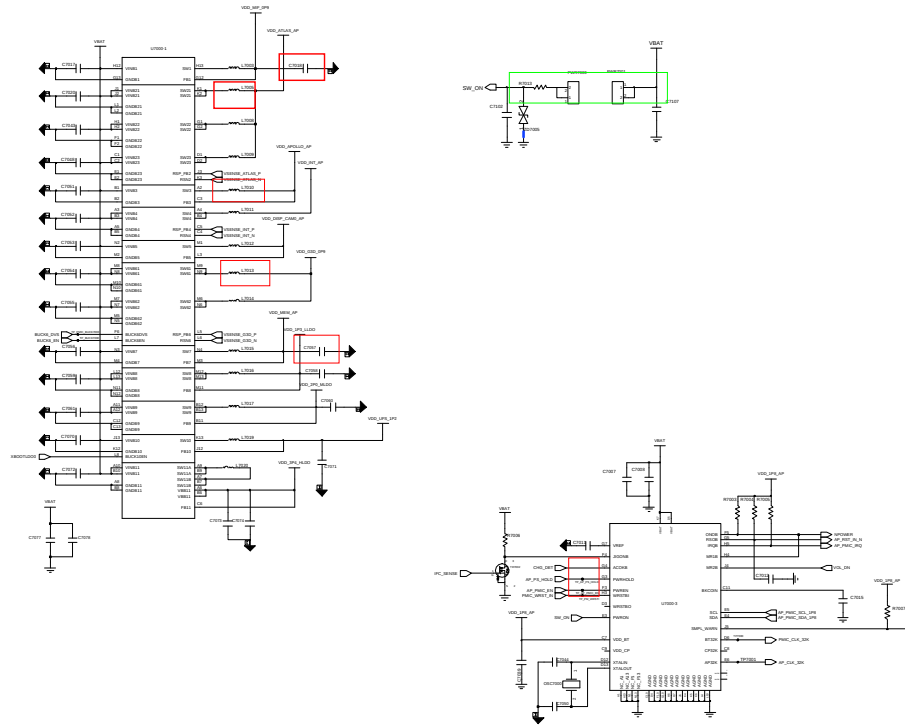


↑焊接烙铁

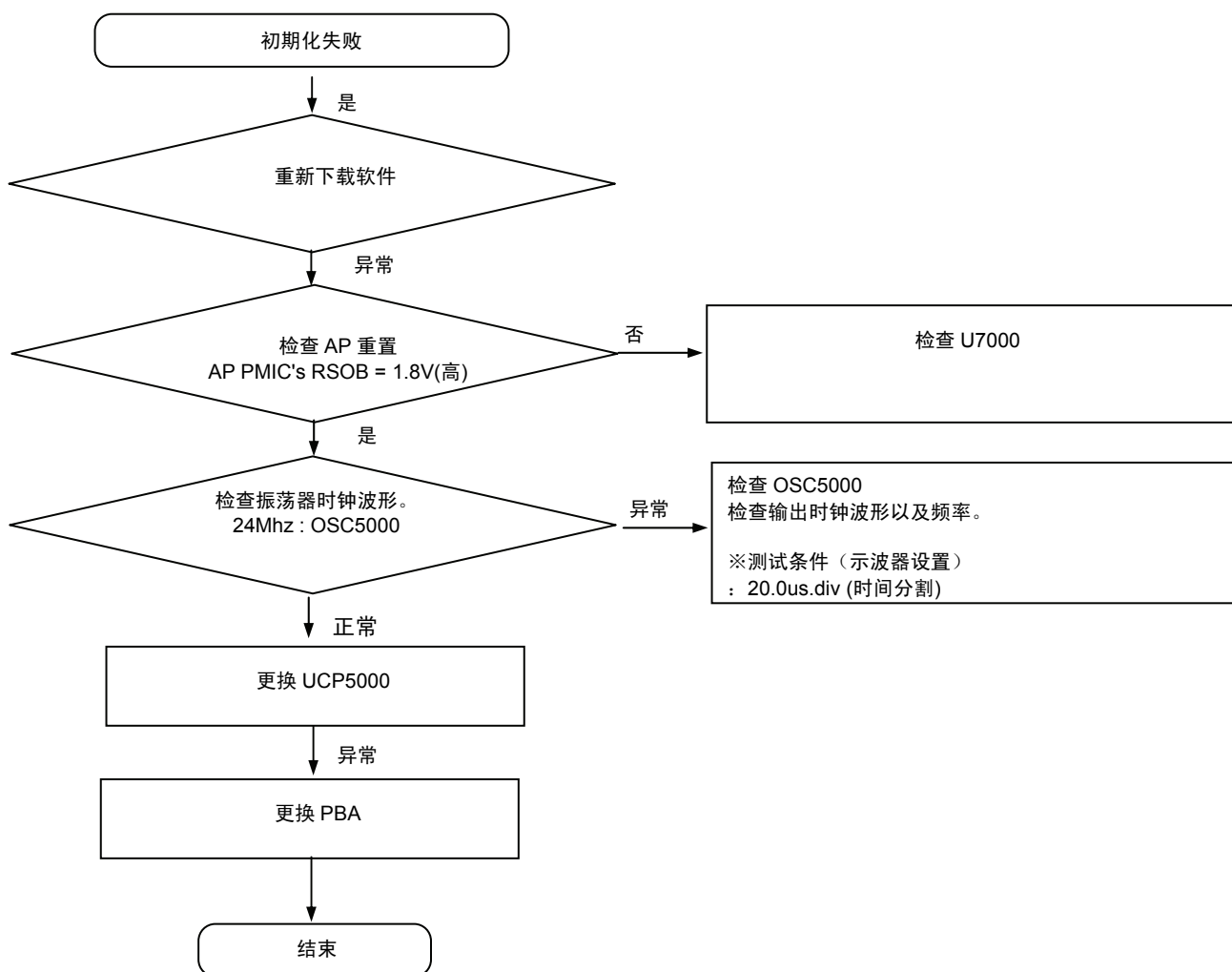
8-3. 故障排除流程图

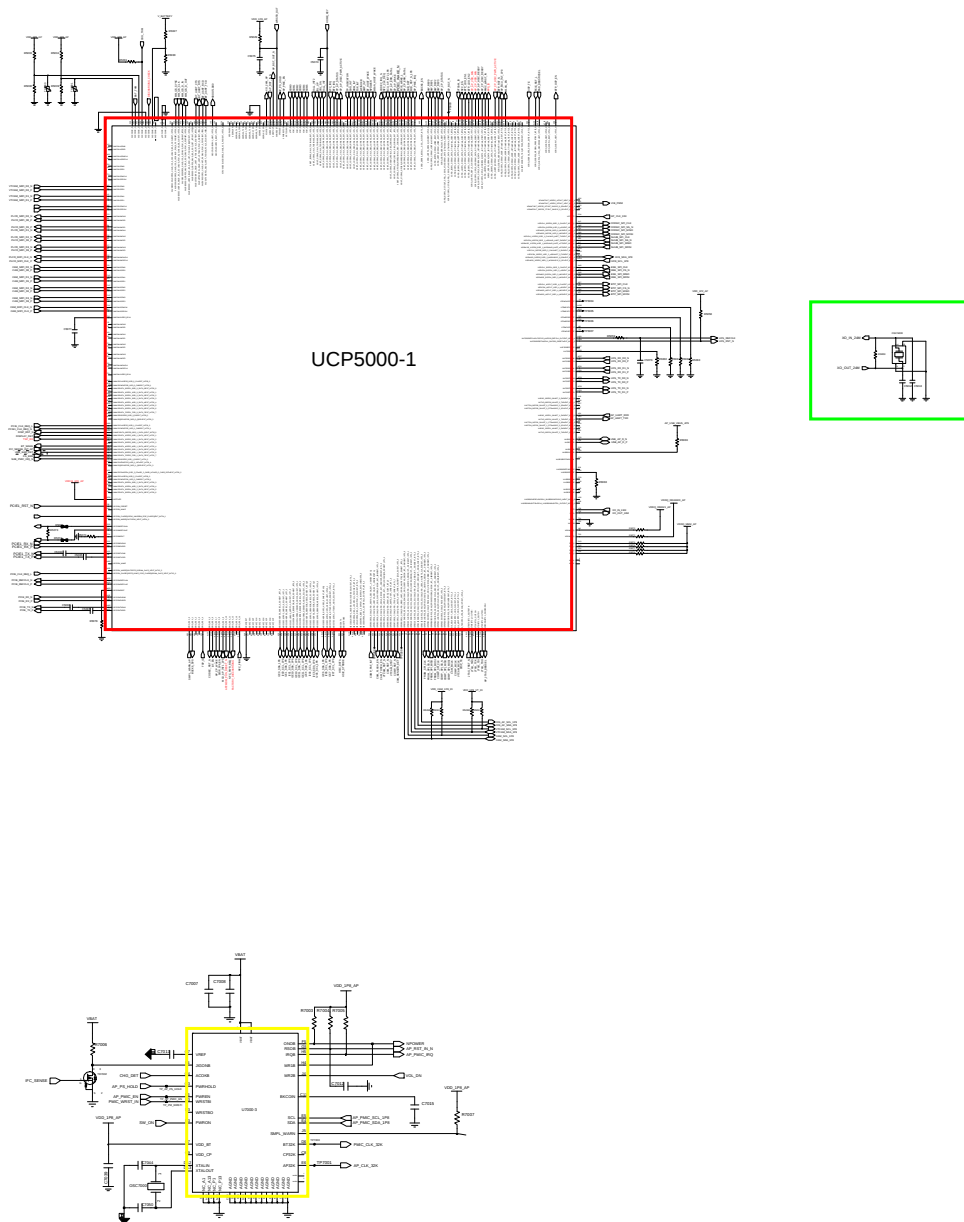
8-3-1. 开机

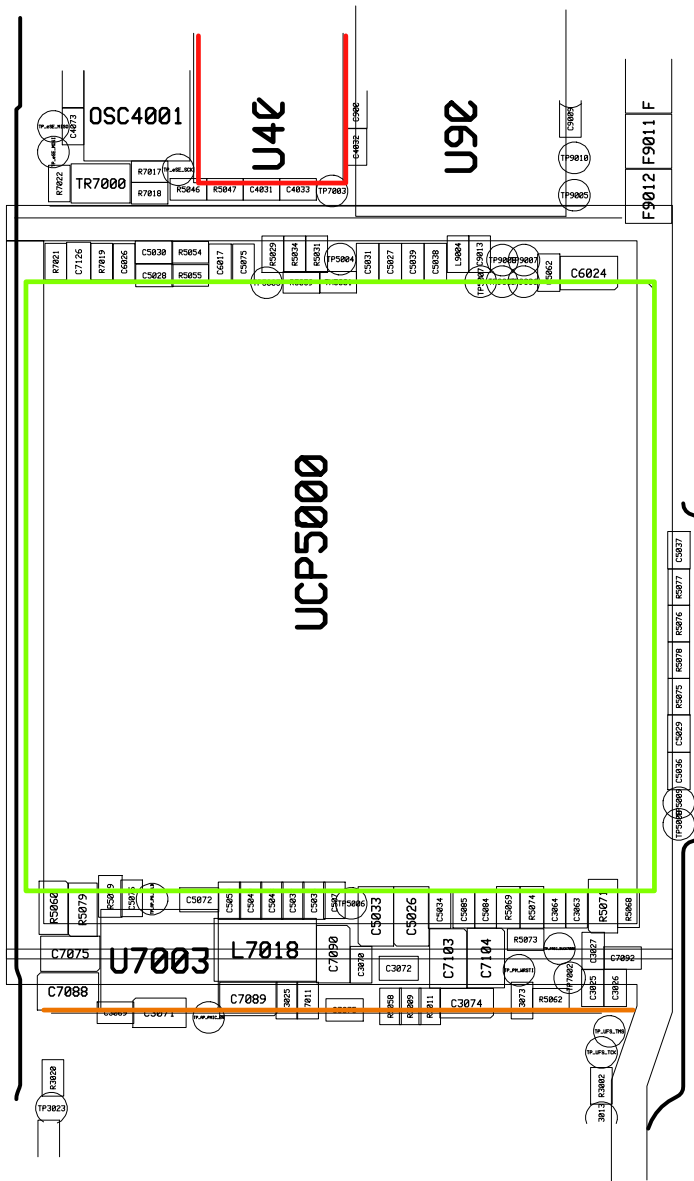




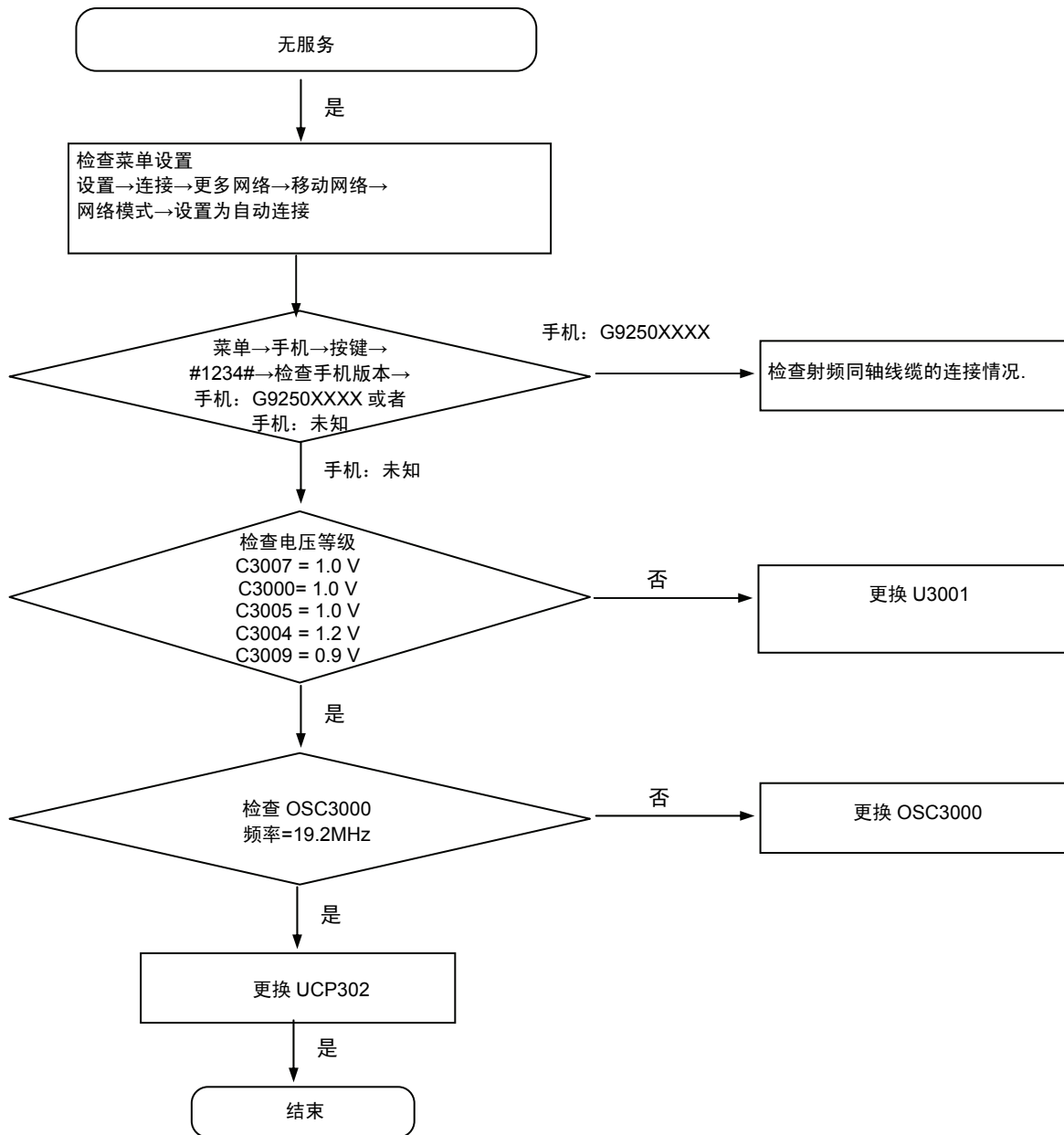
8-3-2 初始化

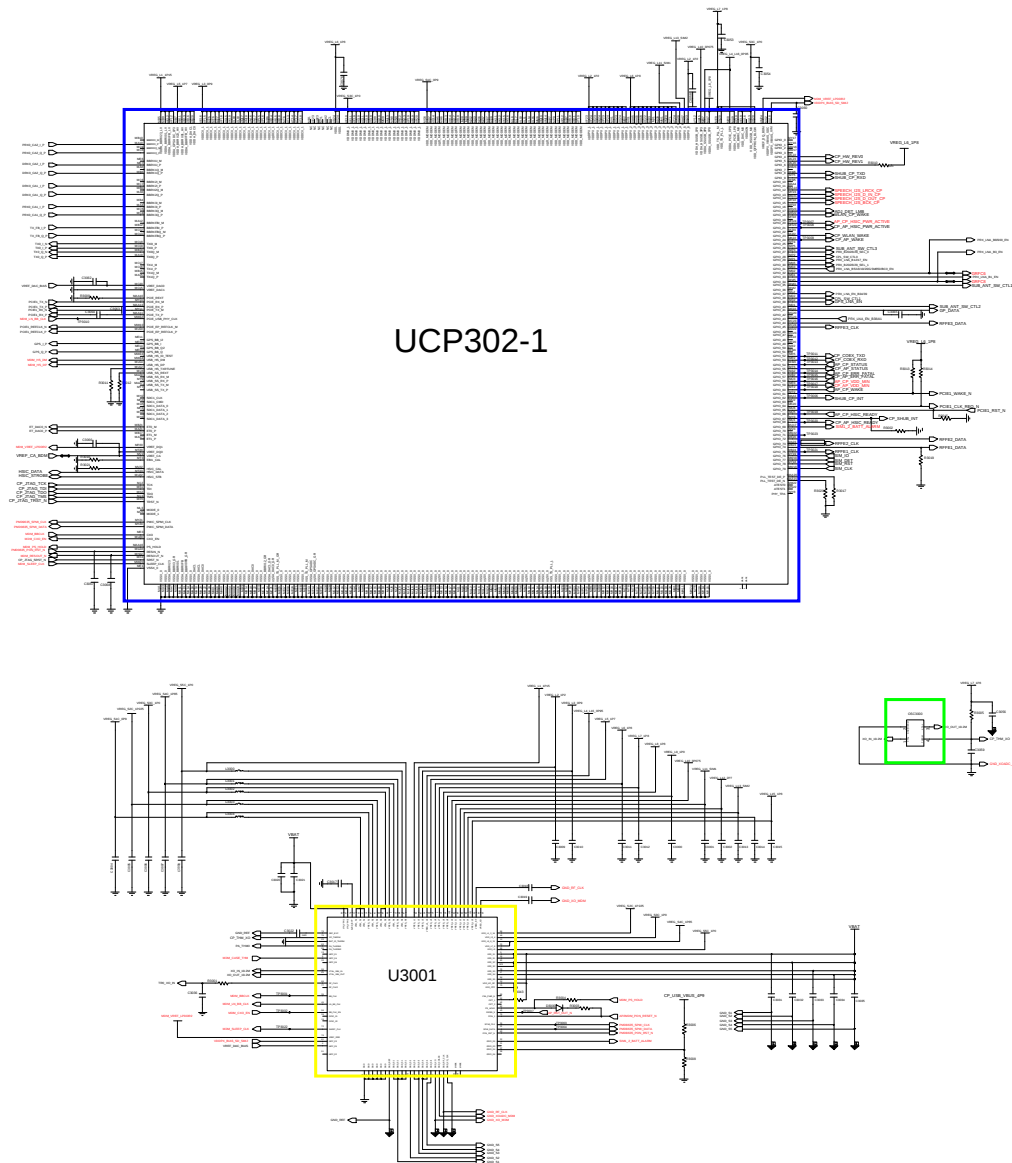


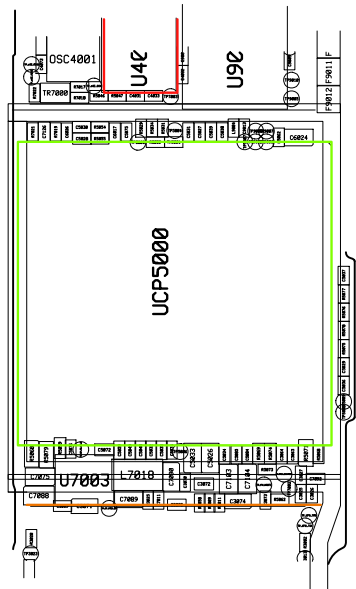




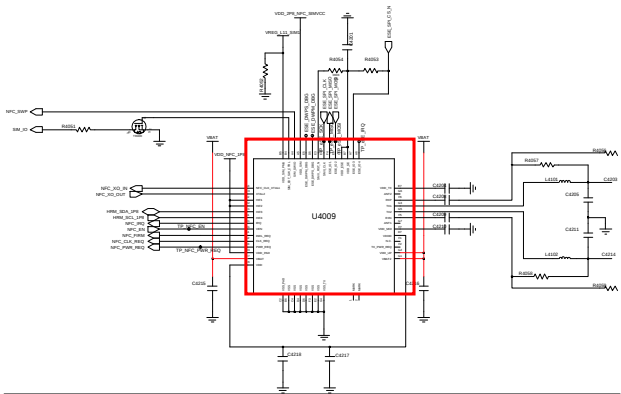
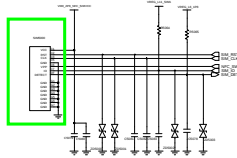
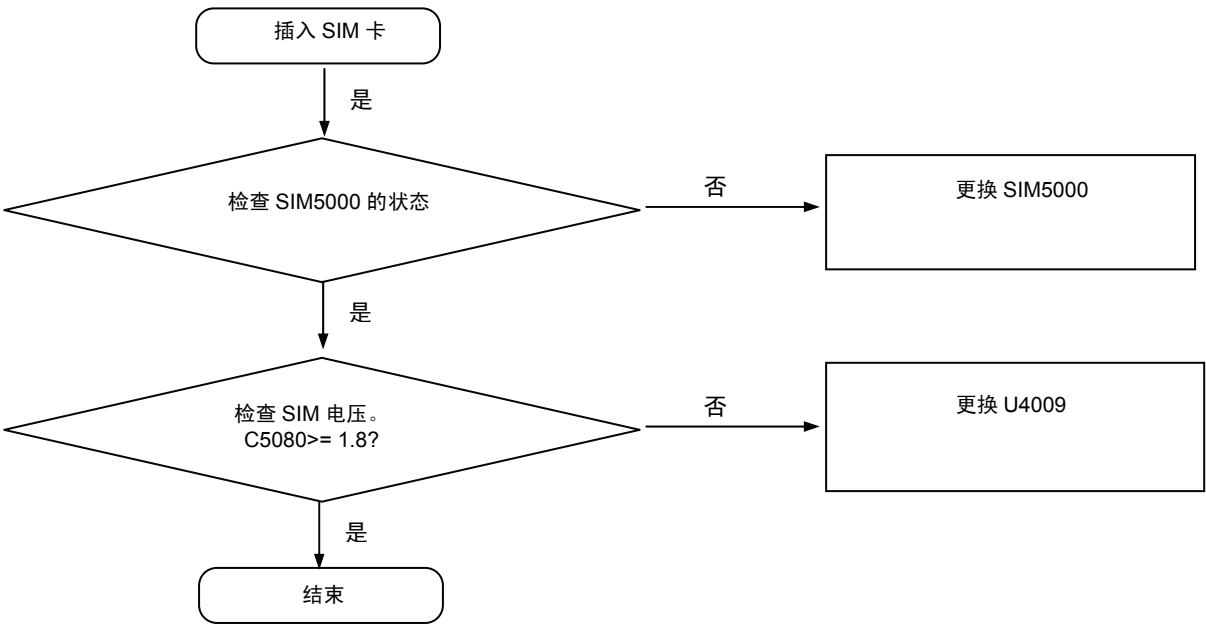
8-3-3. 无服务

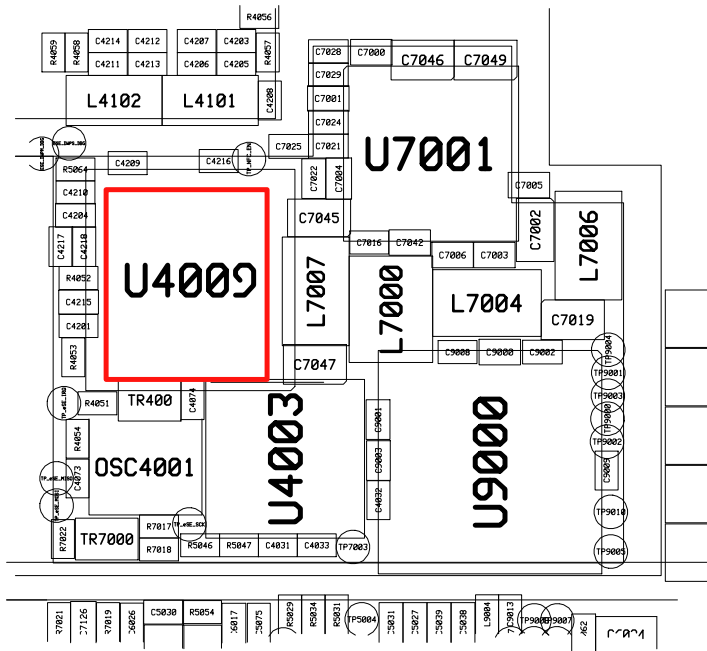




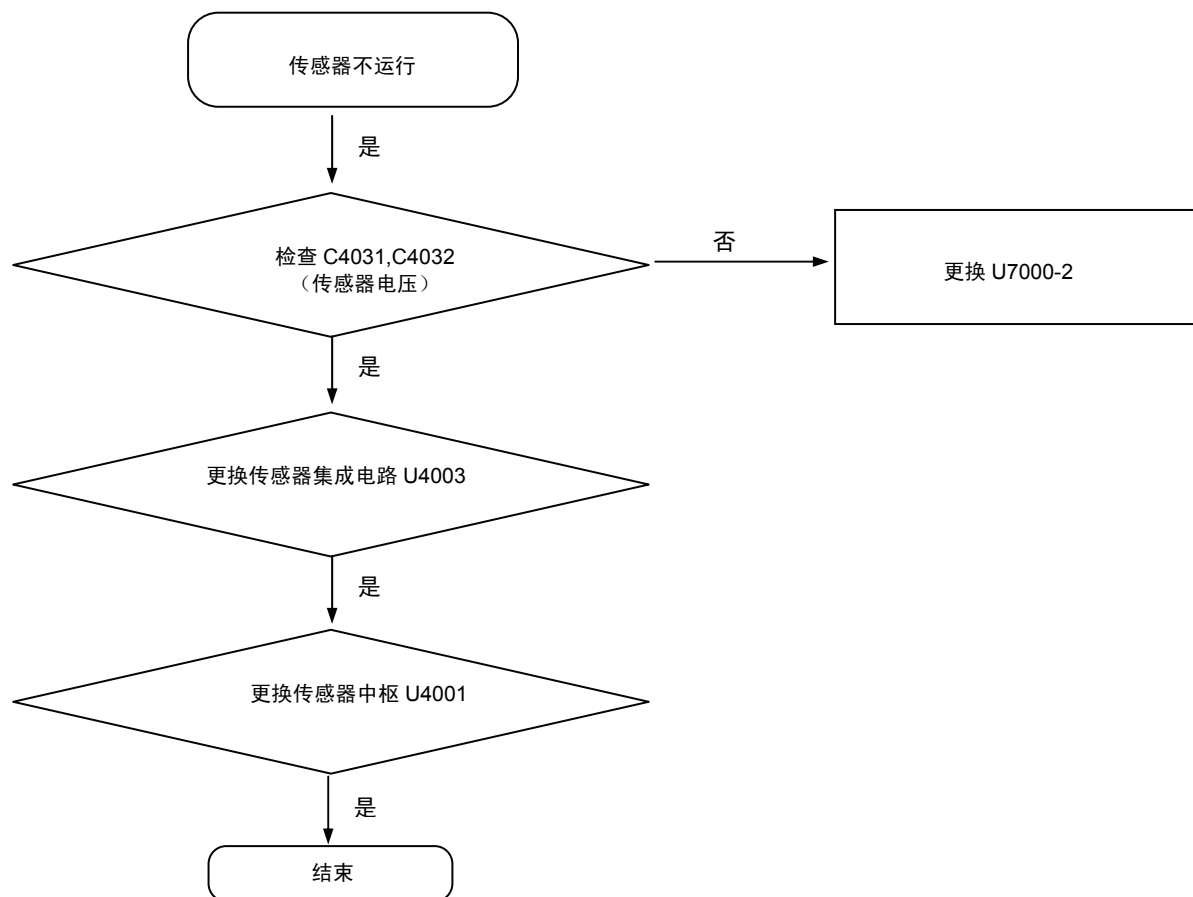


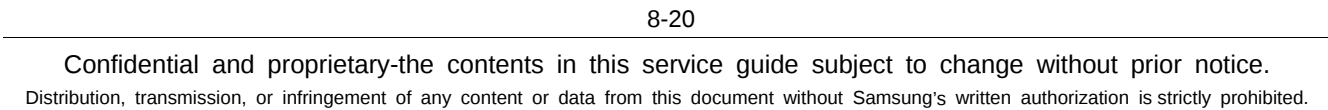
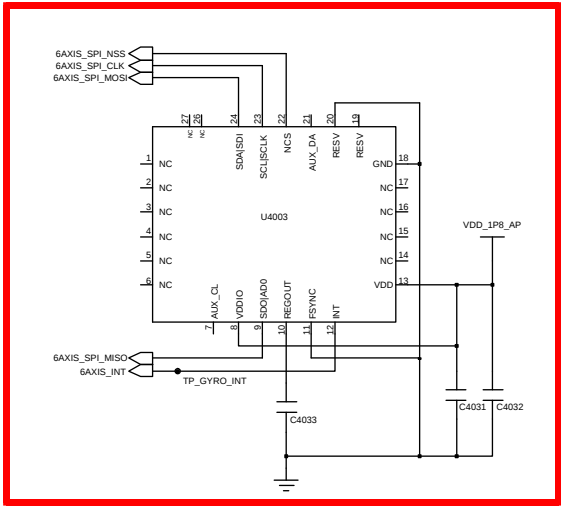
8-3-4. SIM 部分



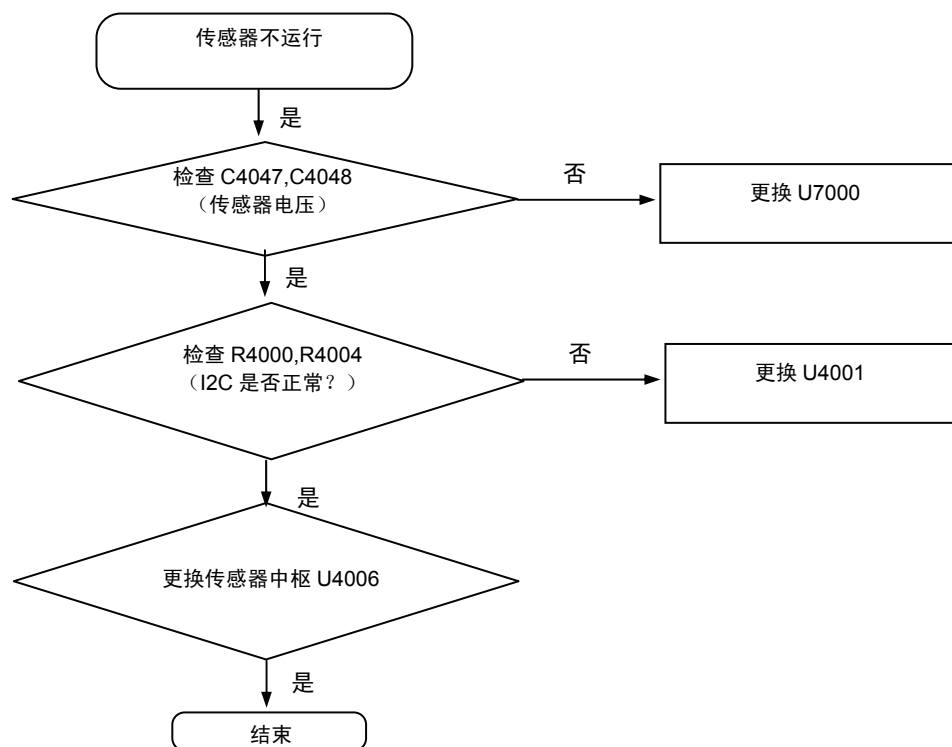


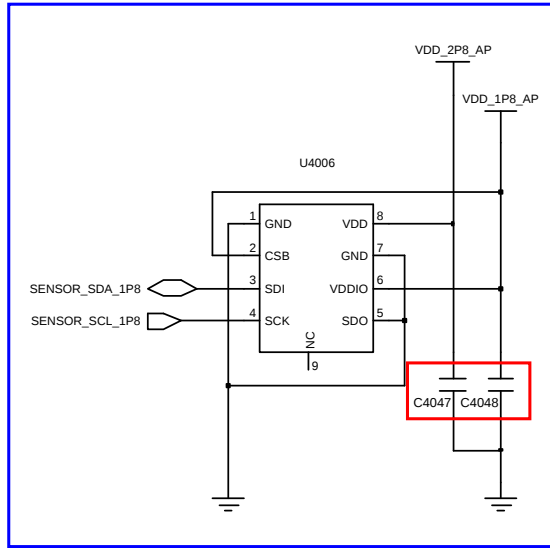
8-3-5. 6Axis 传感器



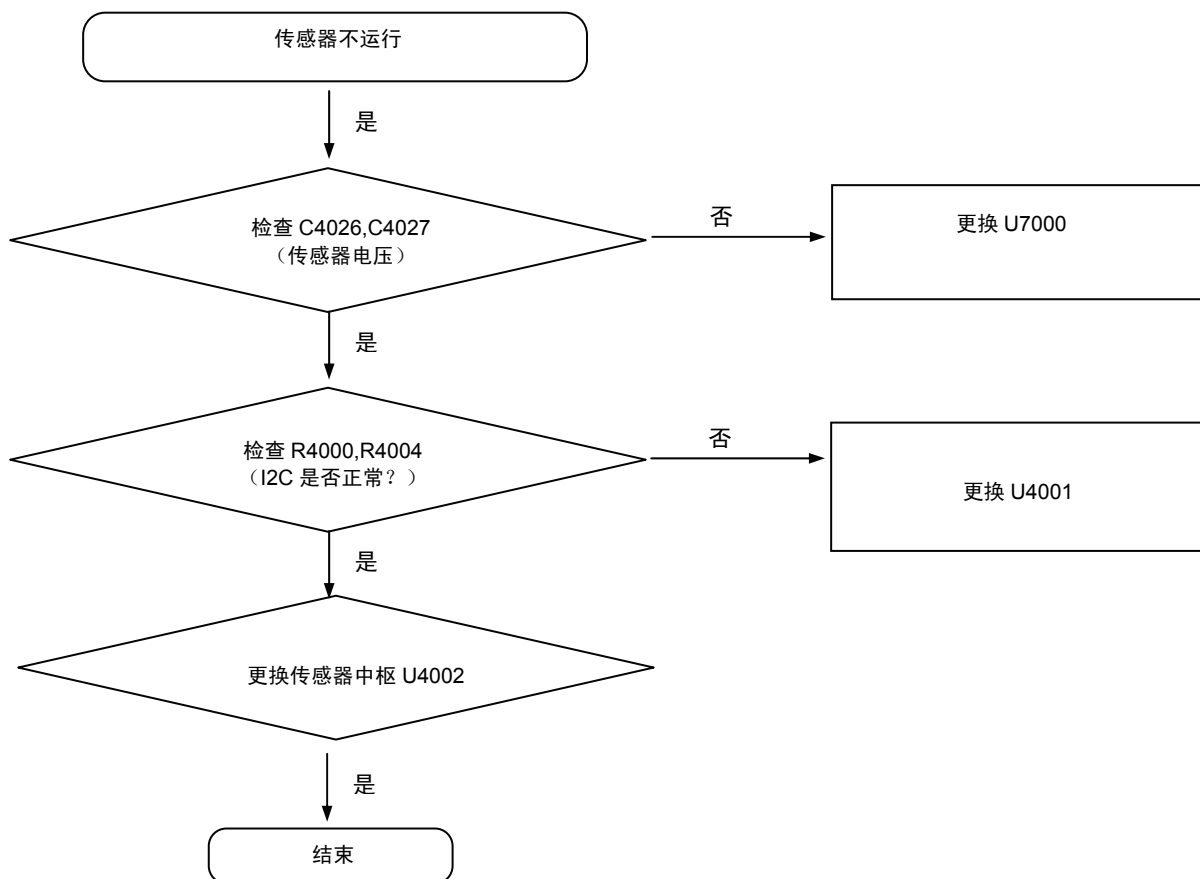


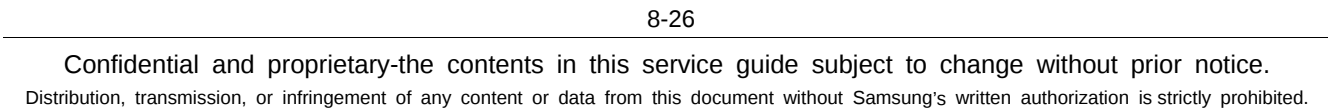
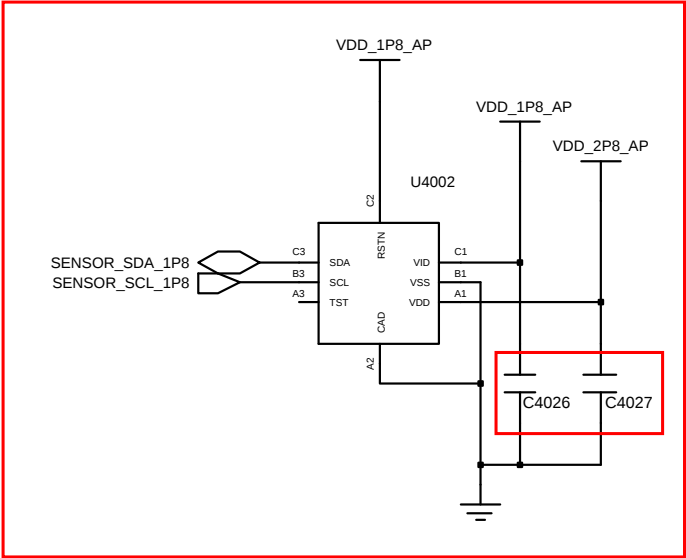
8-3-6. 气压计传感器



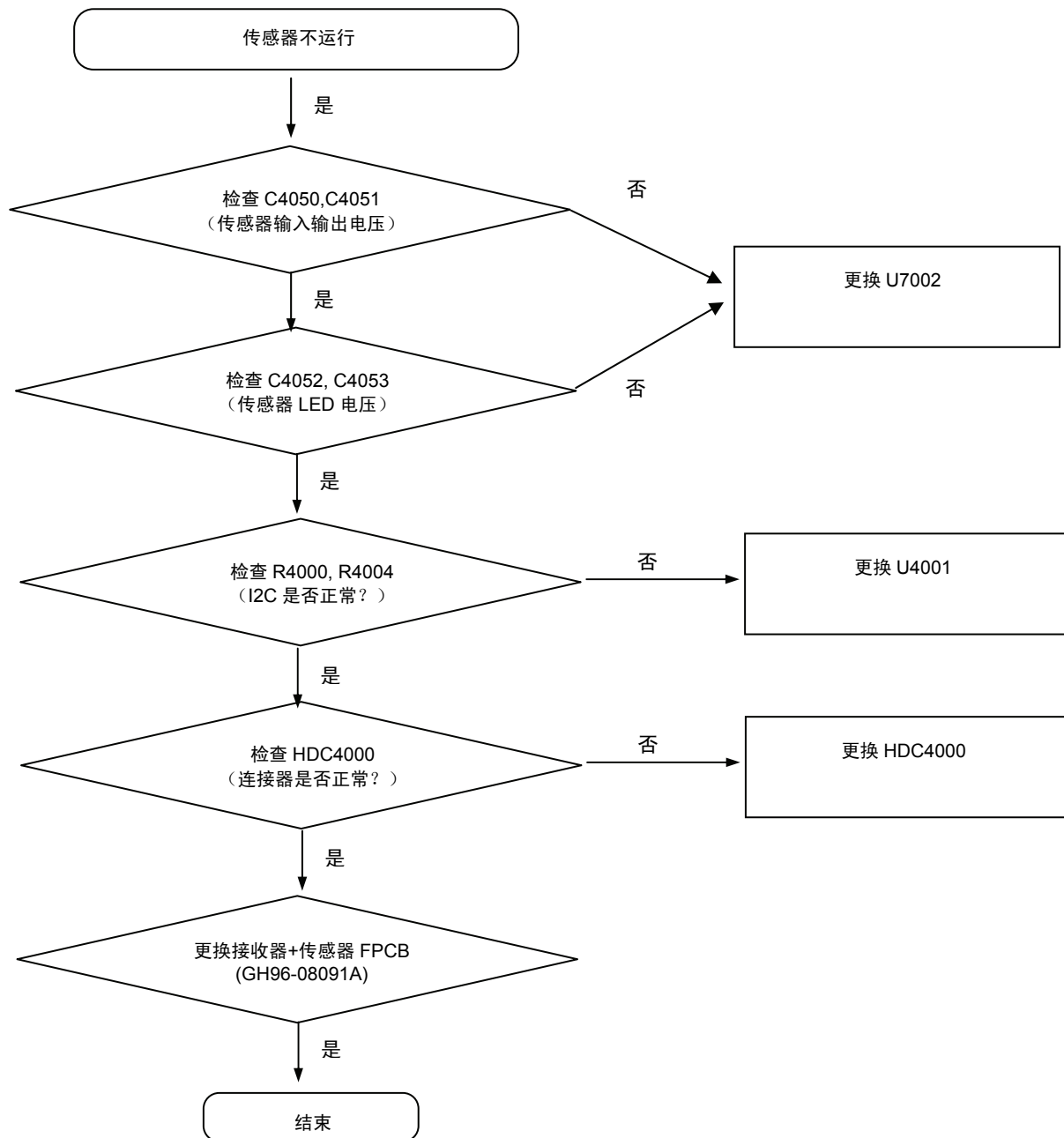


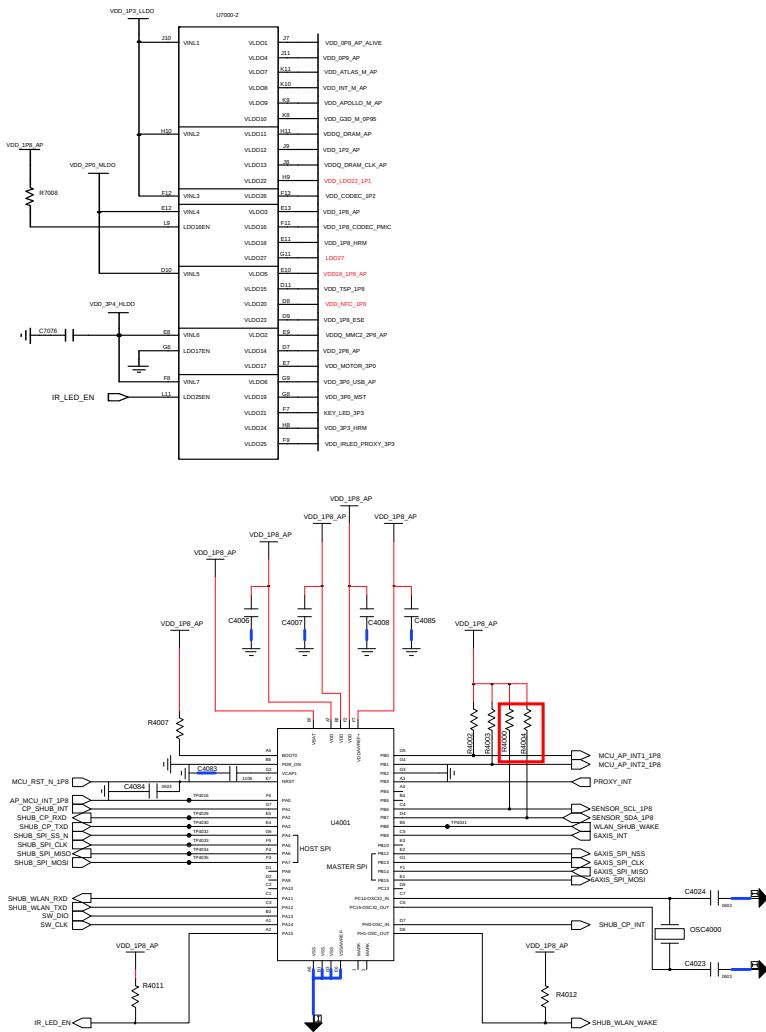
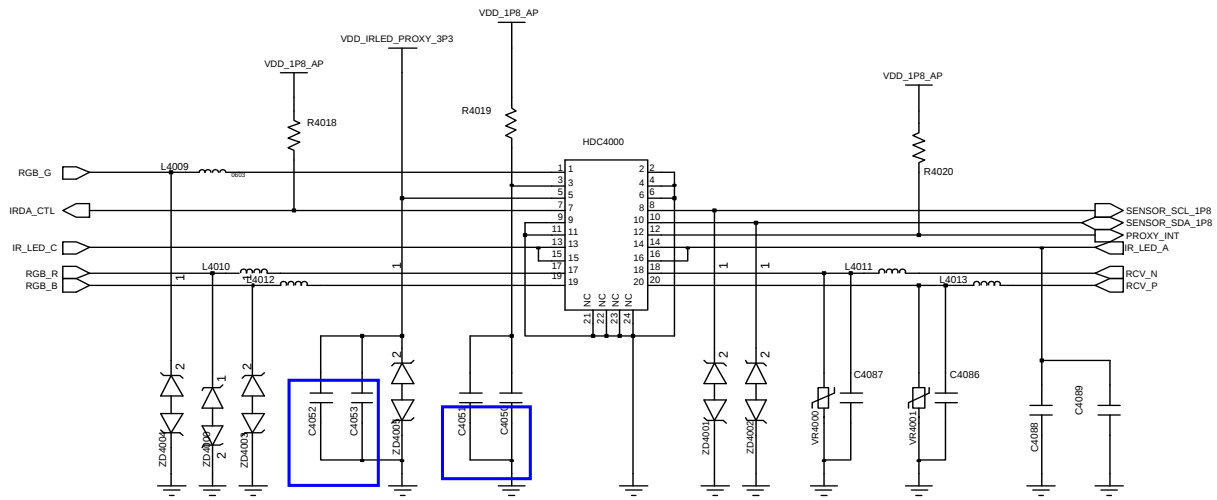
8-3-7. 磁传感器



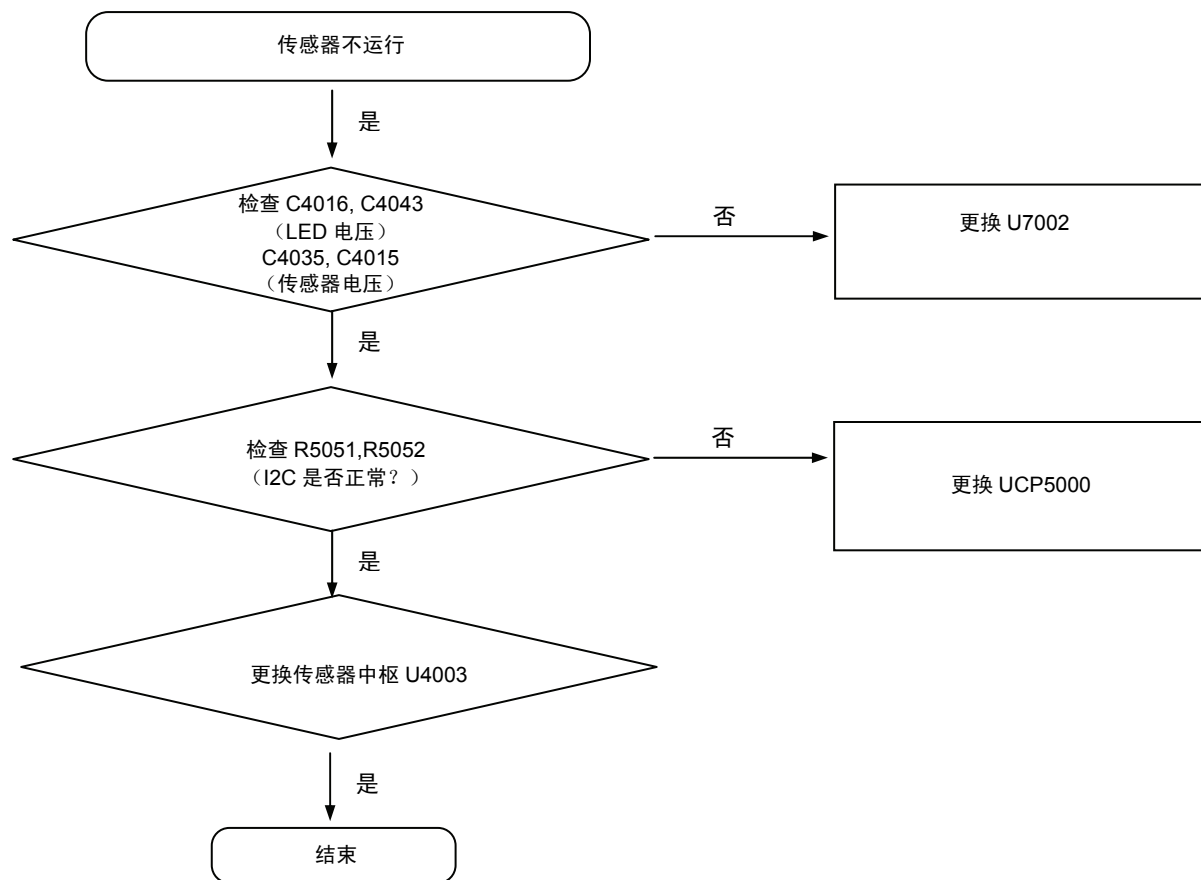


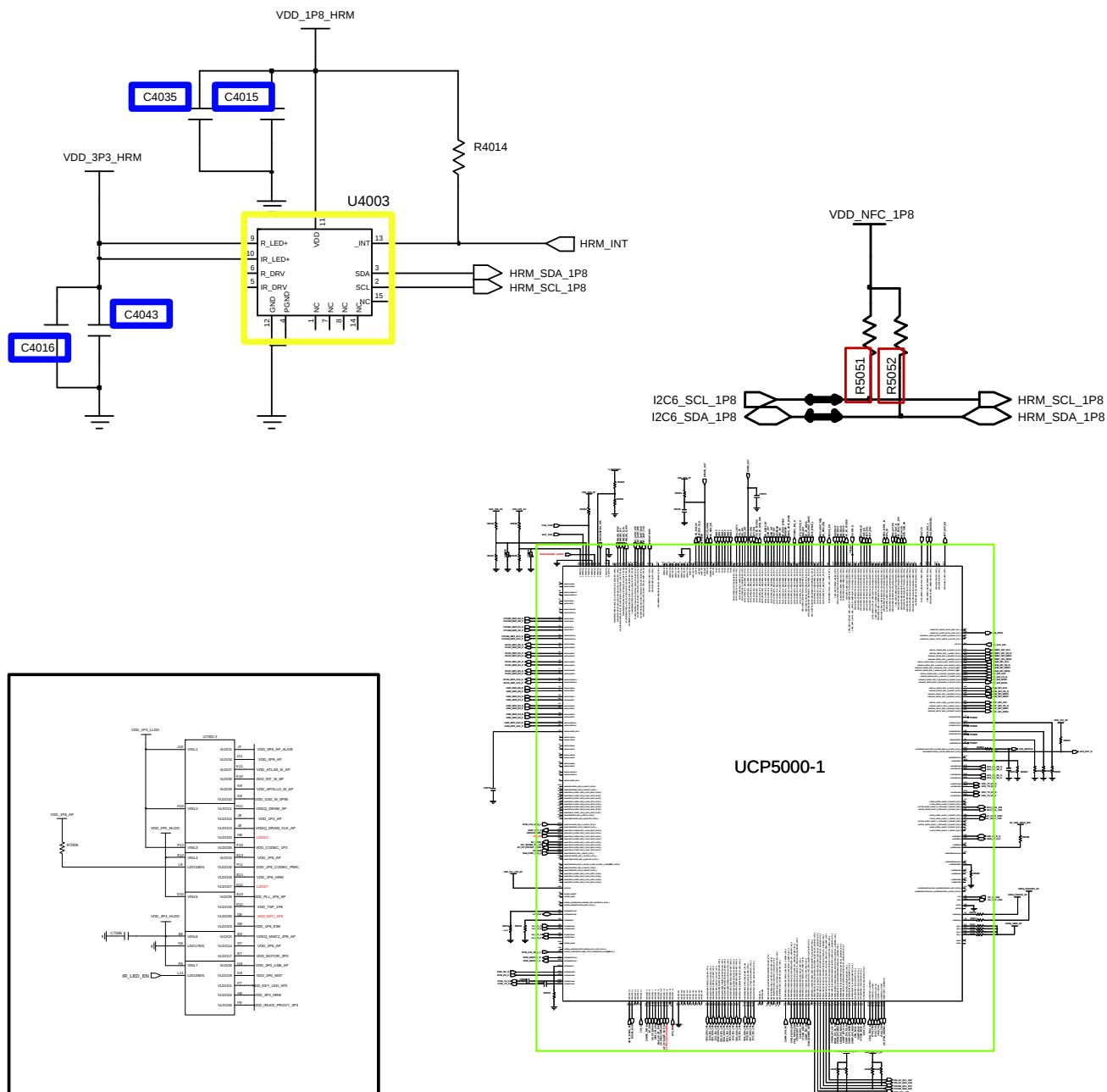
8-3-8. 近距离+RGB 传感器

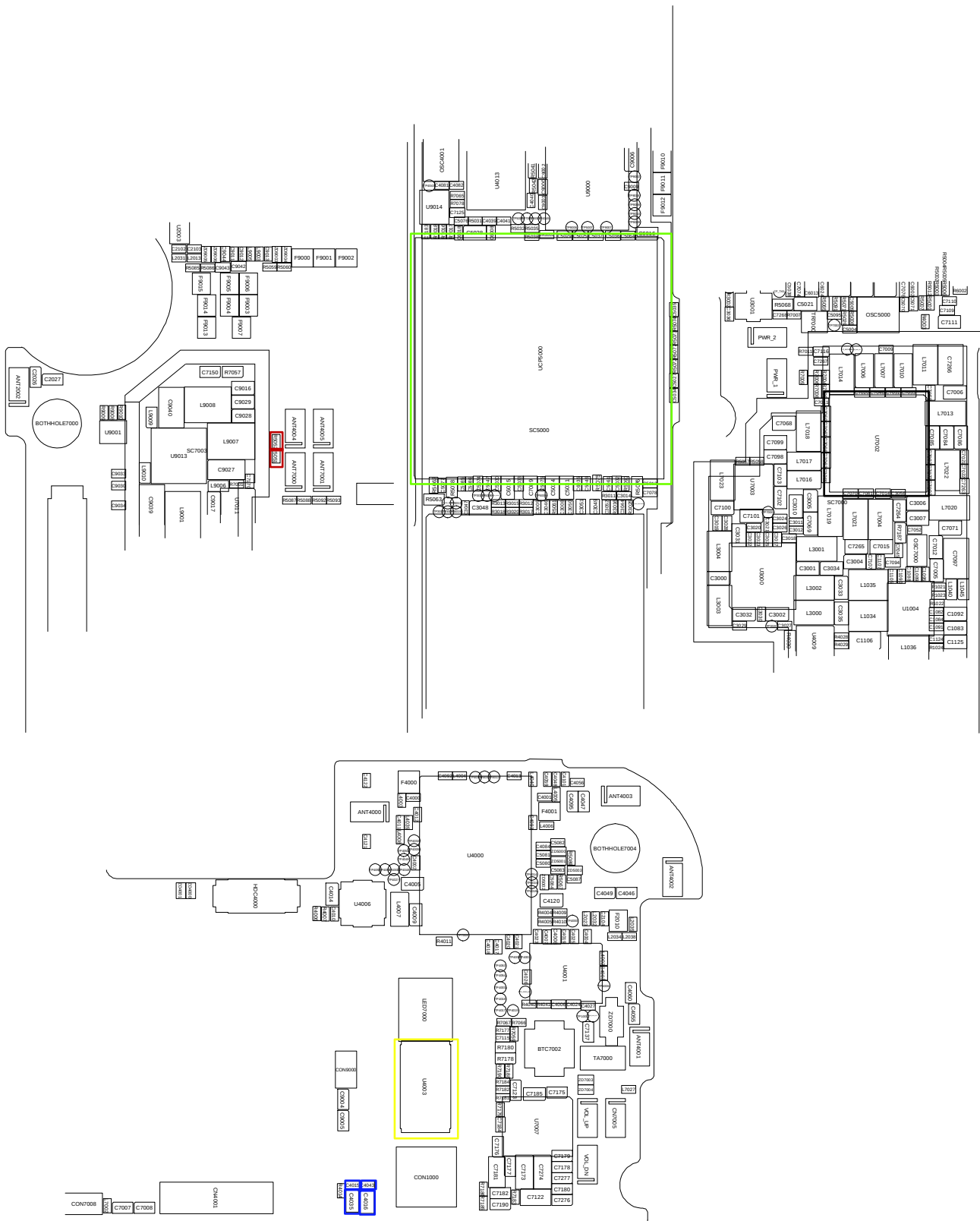




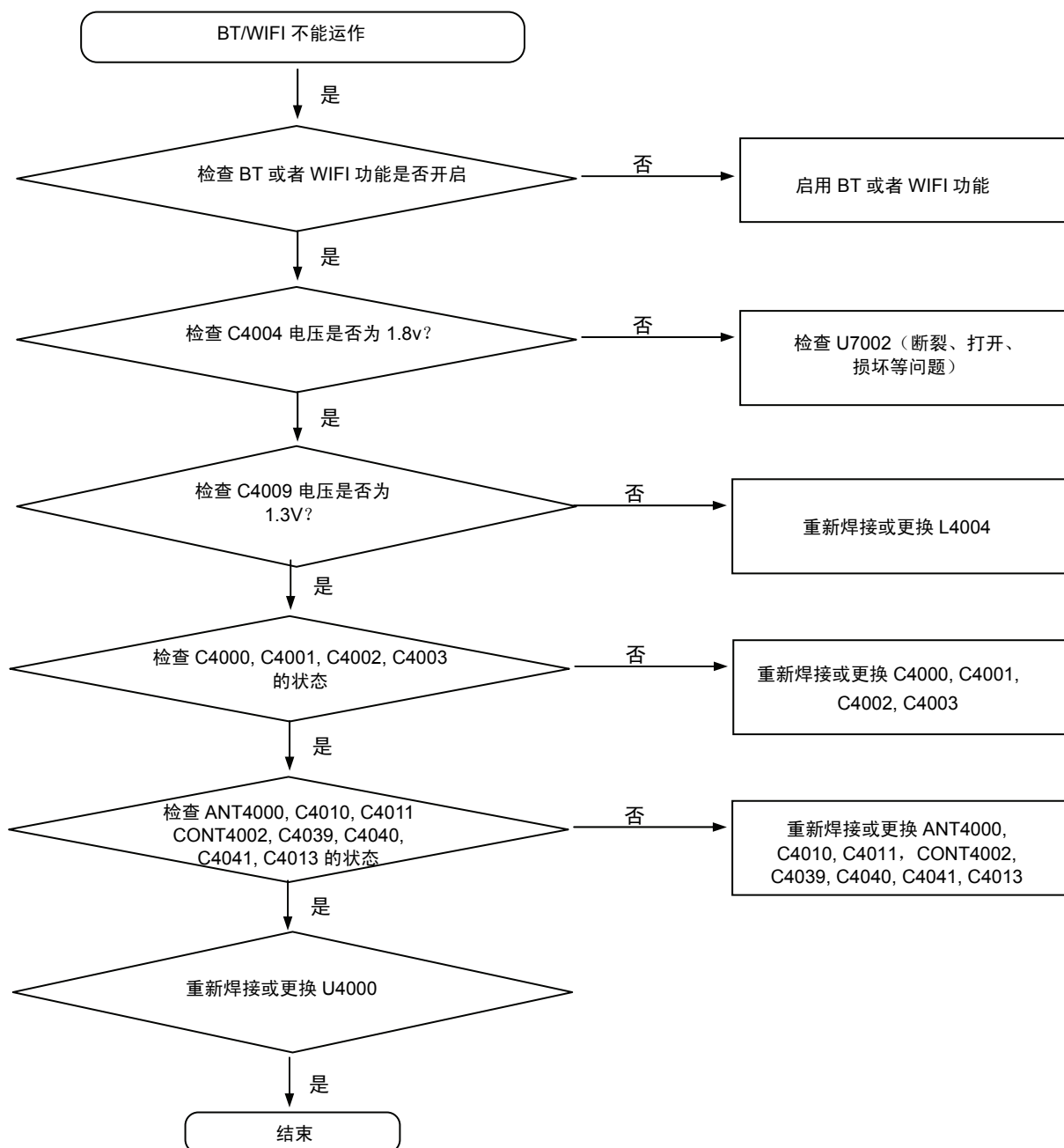
8-3-9. HRM 传感器

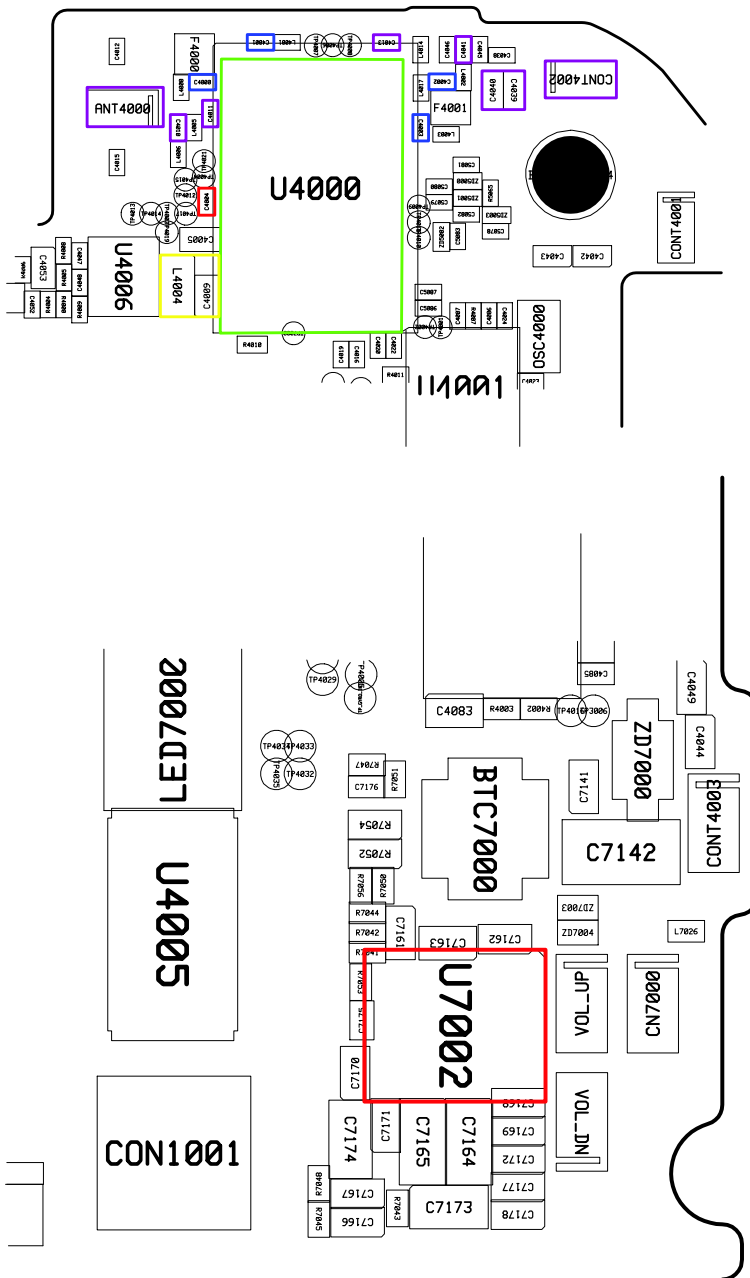




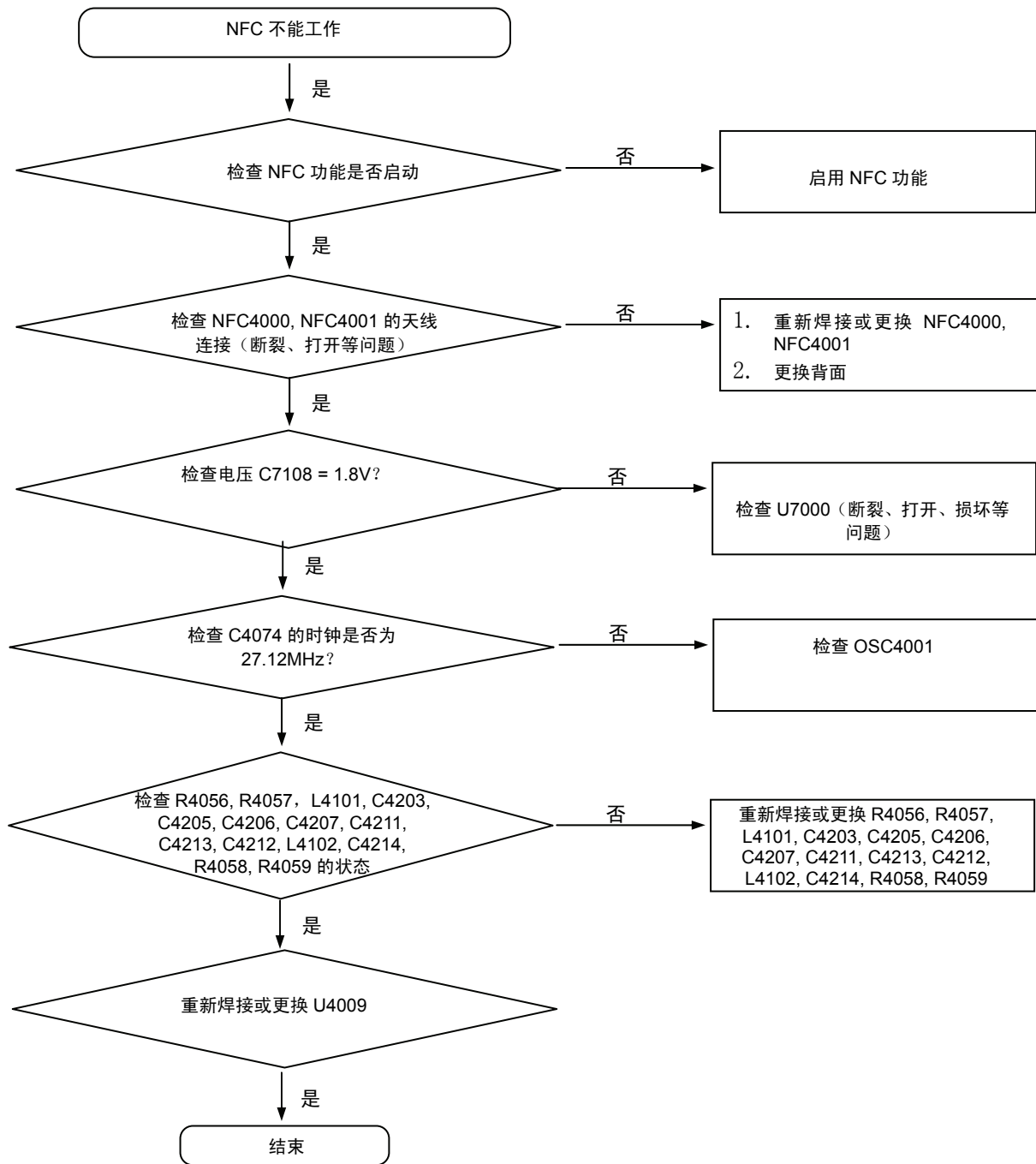


8-3-10. BT/WIFI

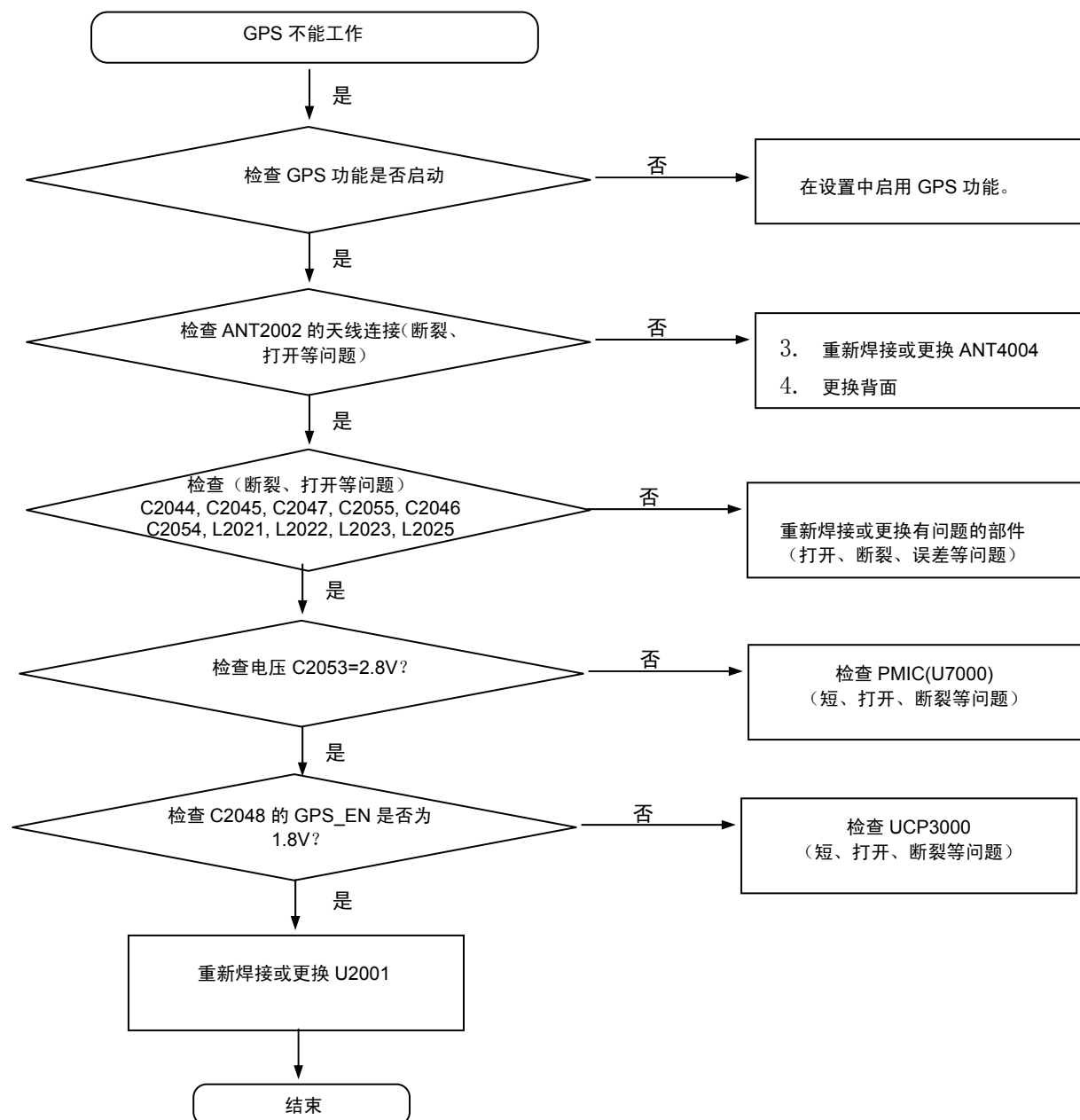


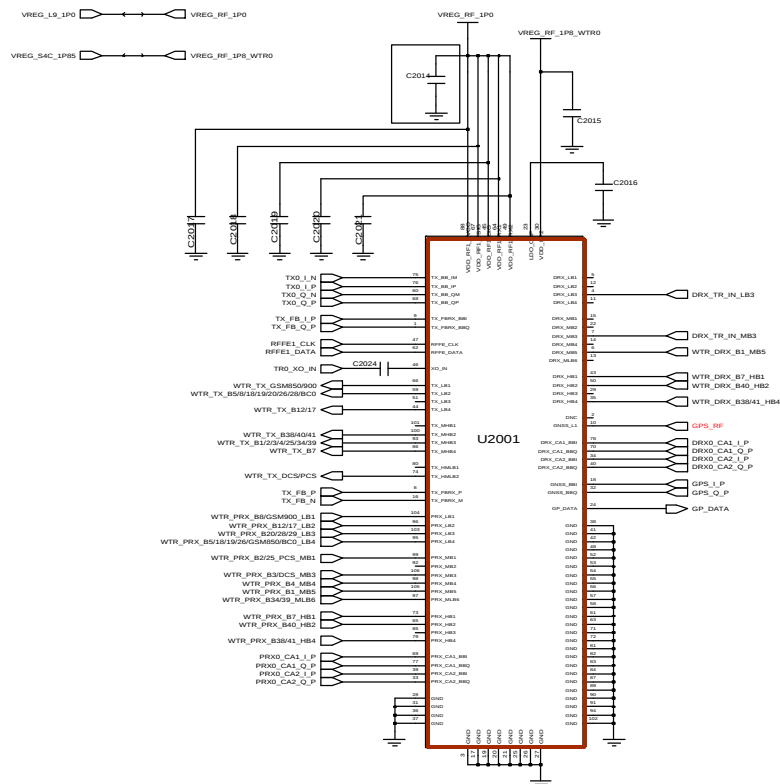
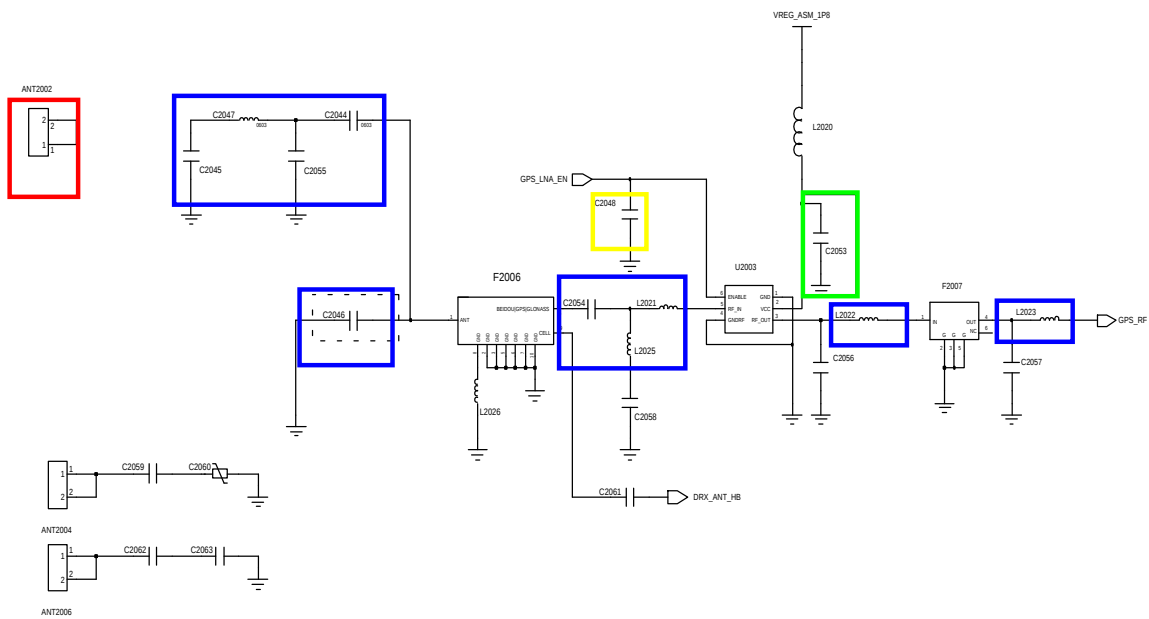


8-3-11. NFC

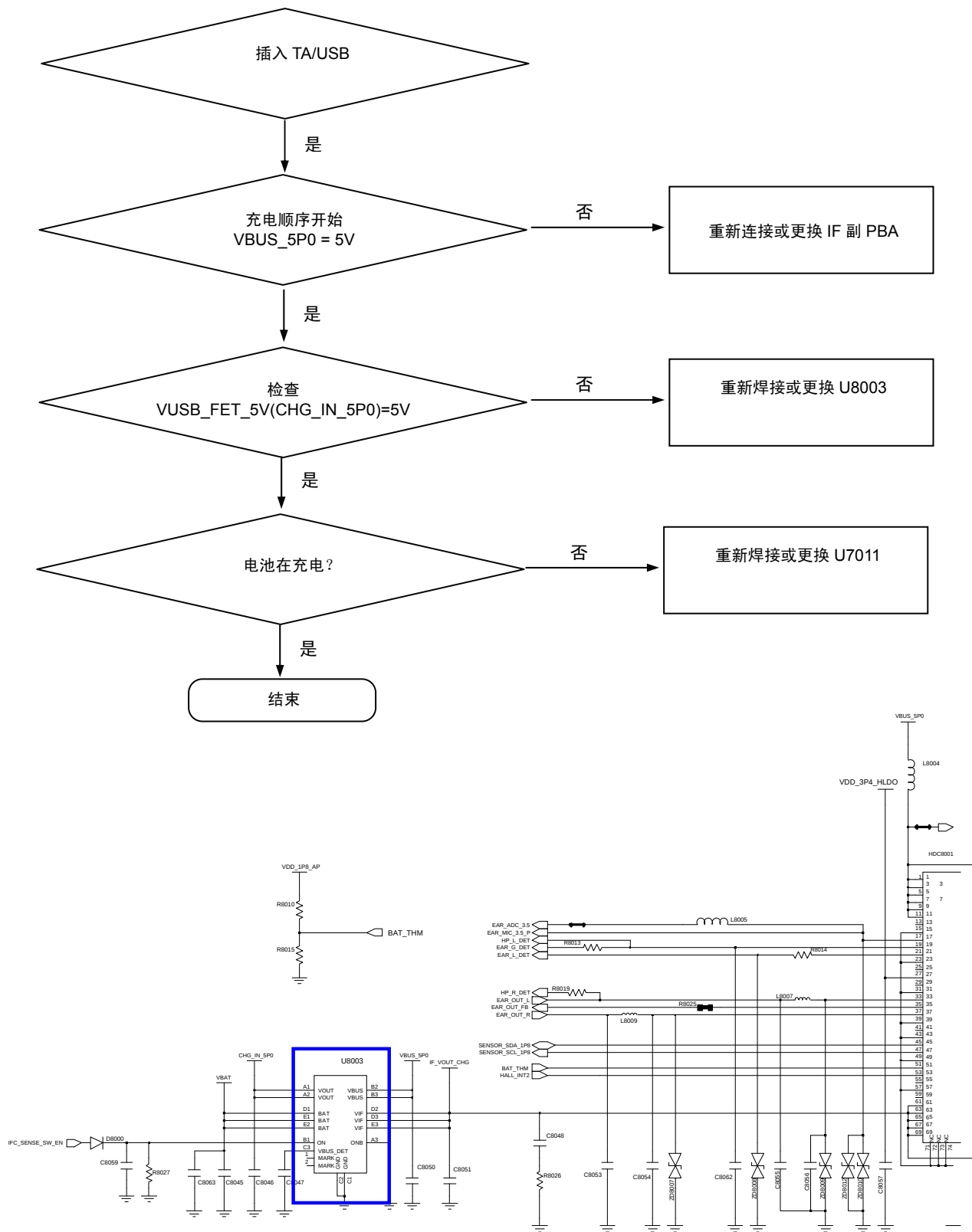


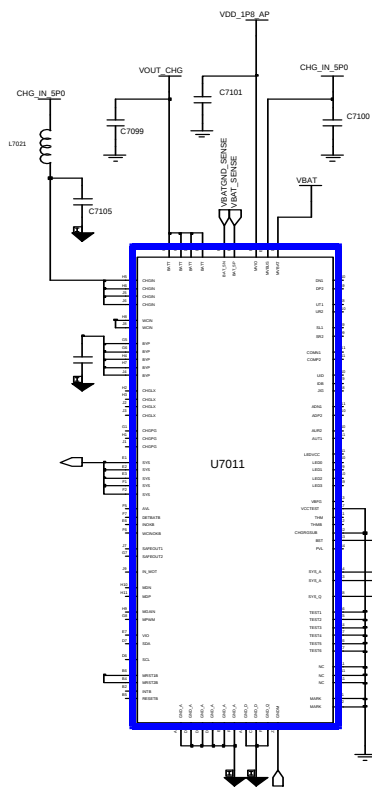
8-3-12. GPS



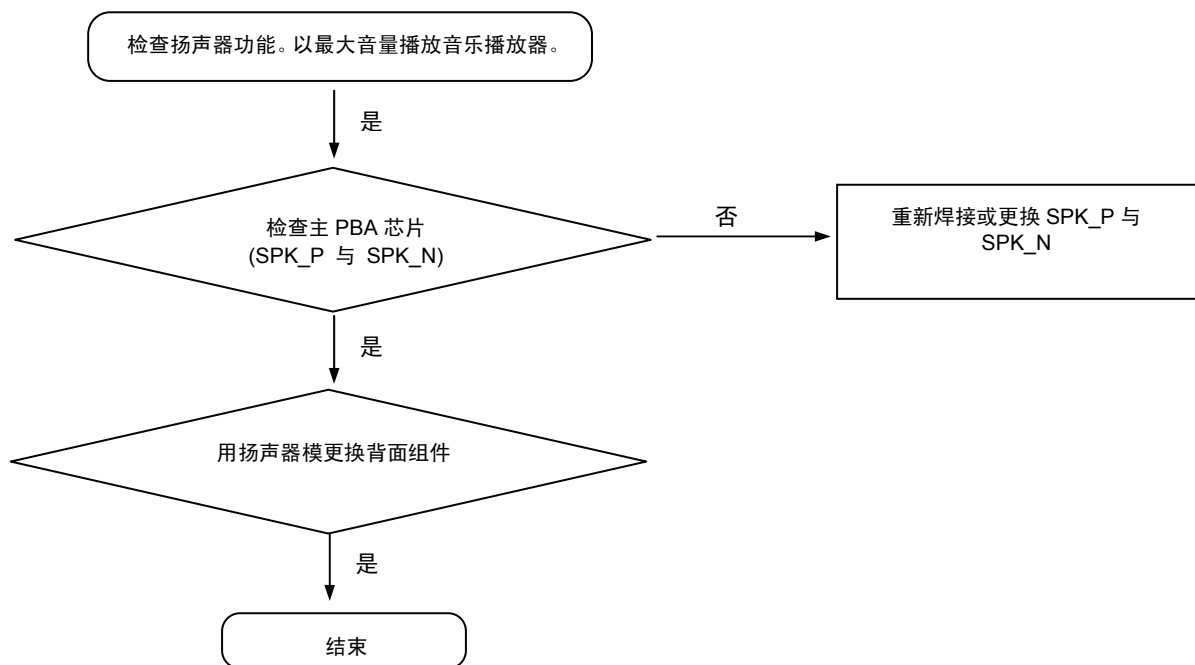


8-3-13. 充电部分

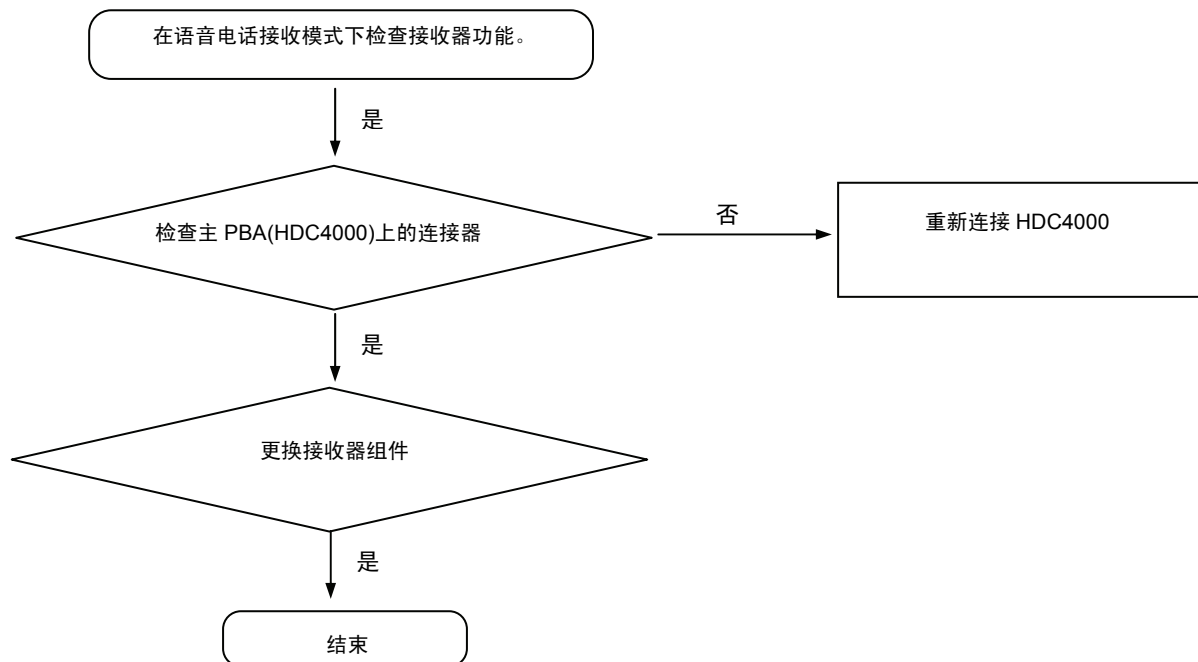




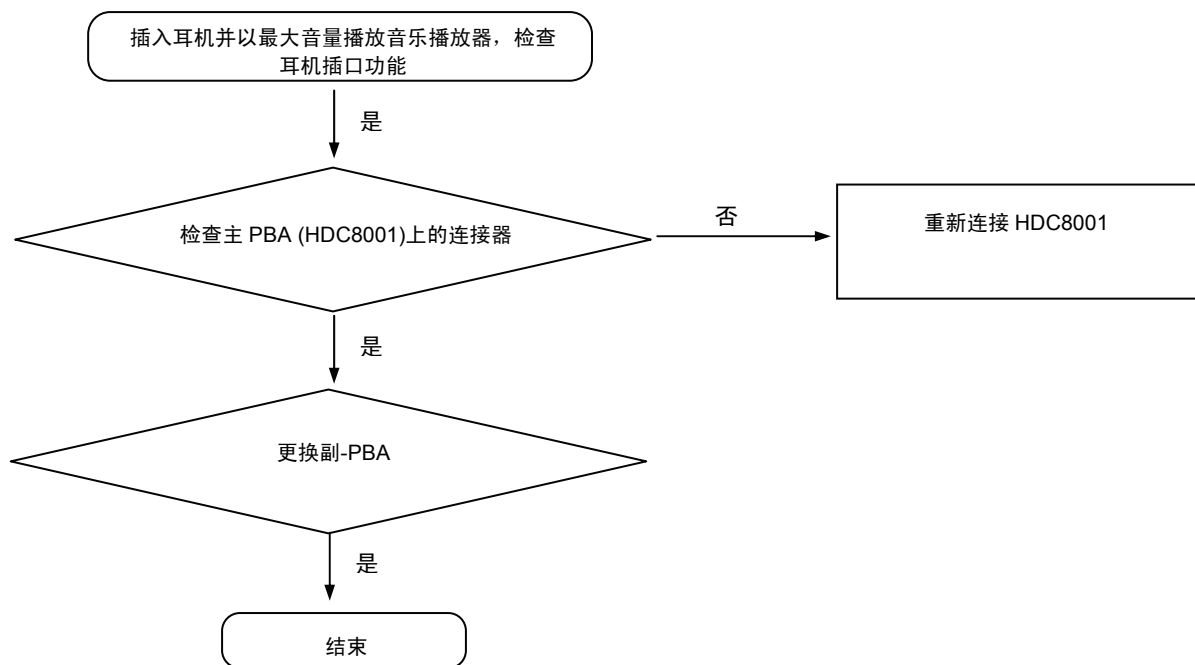
8-3-14. 扬声器部分

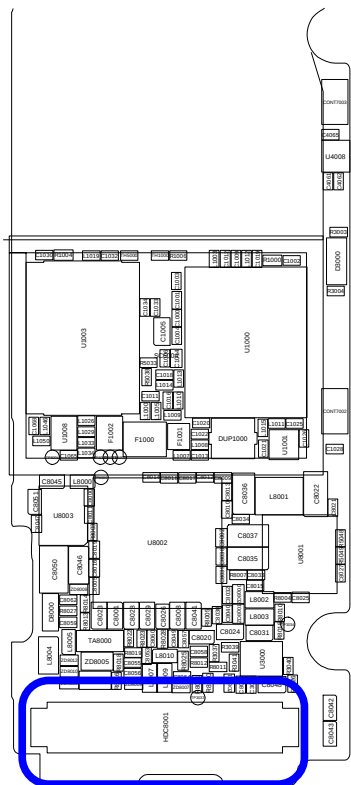
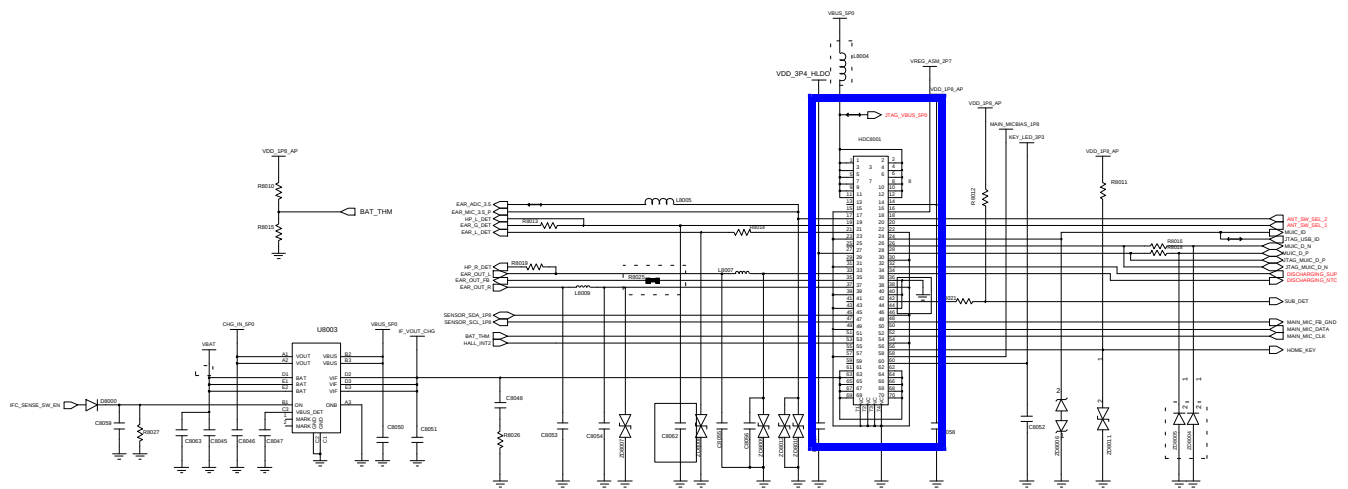


3-3-15. 接收器部分

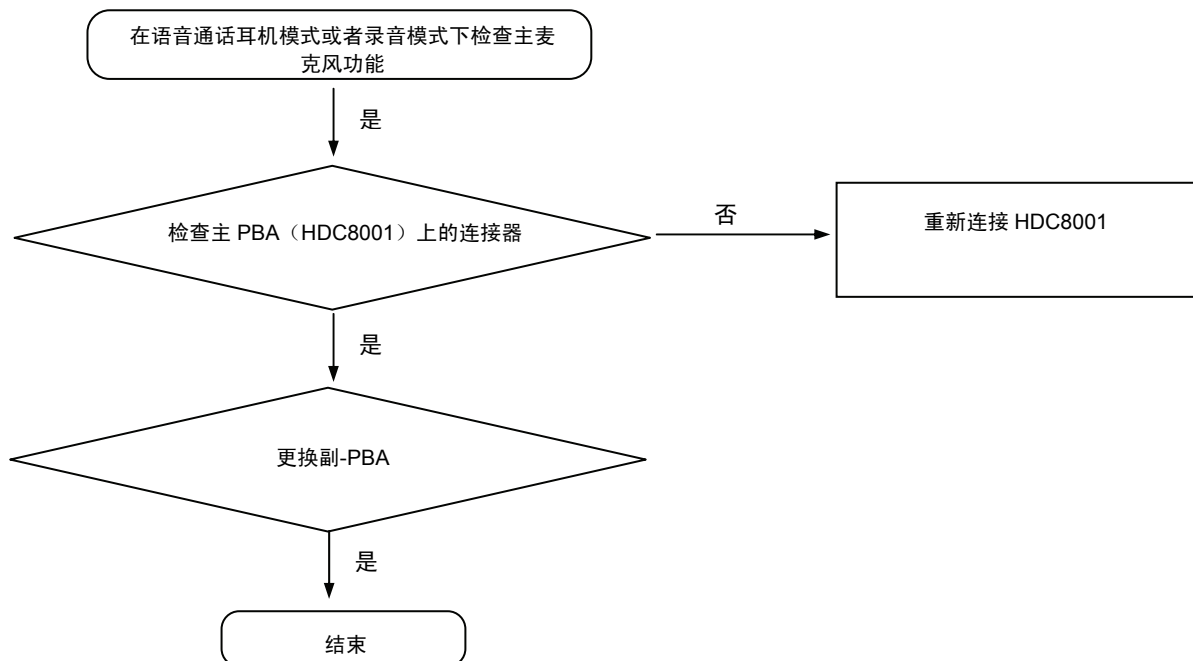


8-3-16. 耳机插口

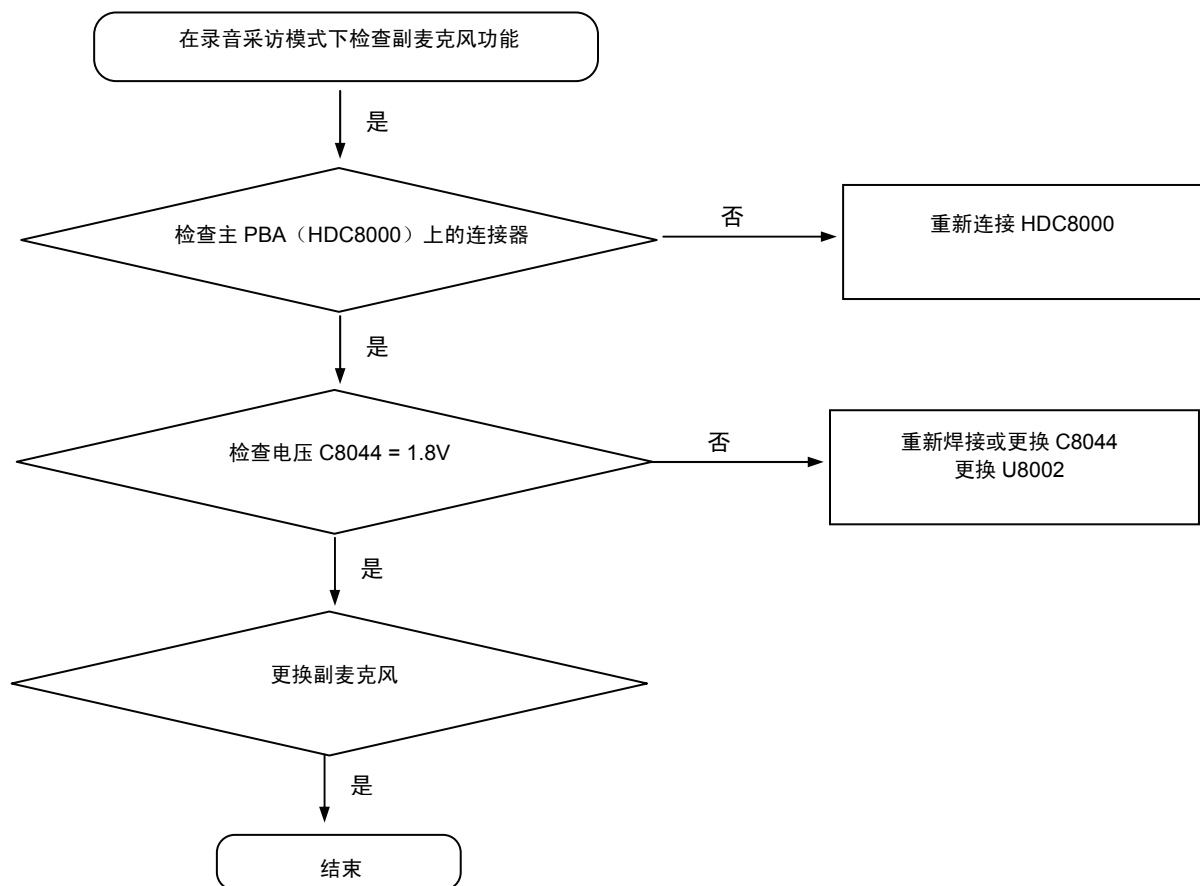


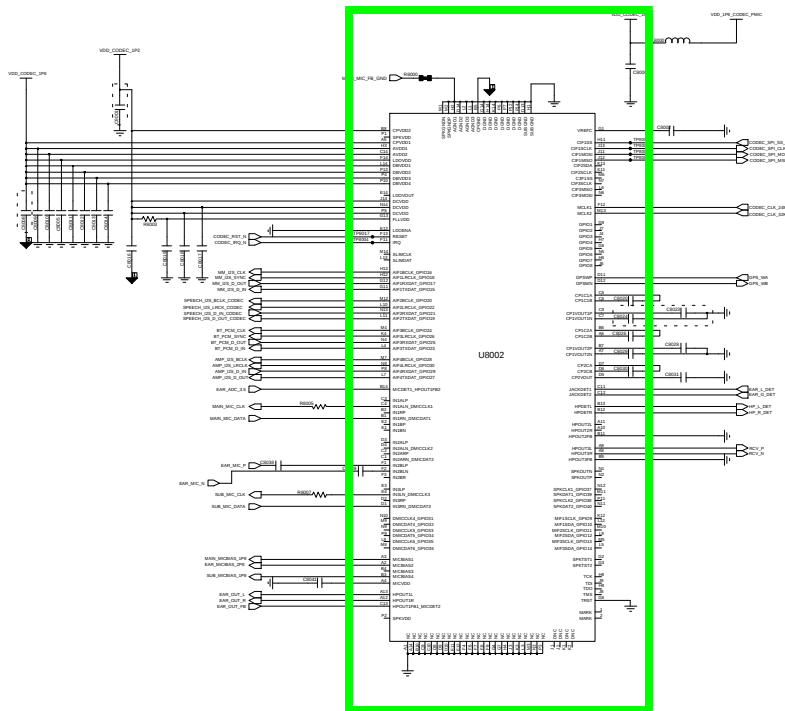
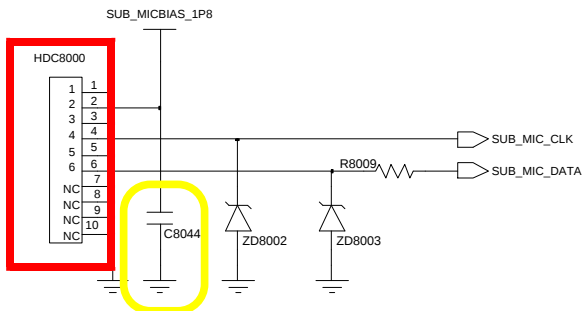


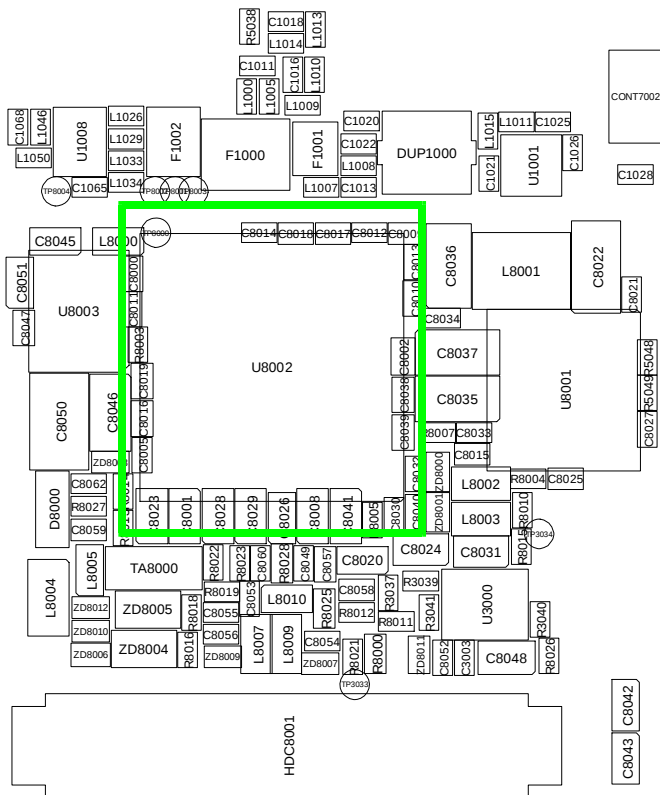
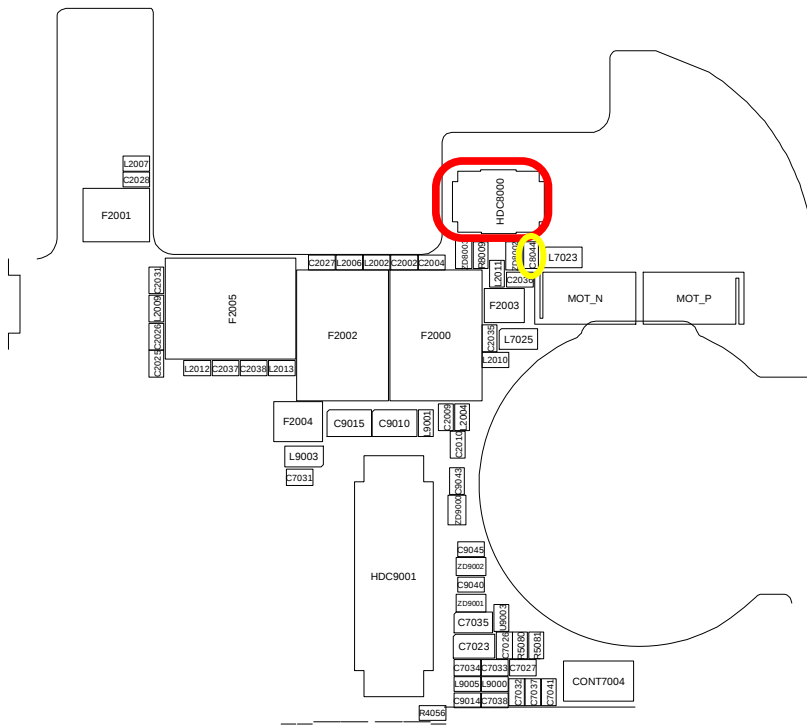
8-3-17. 麦克风部分—主麦克风



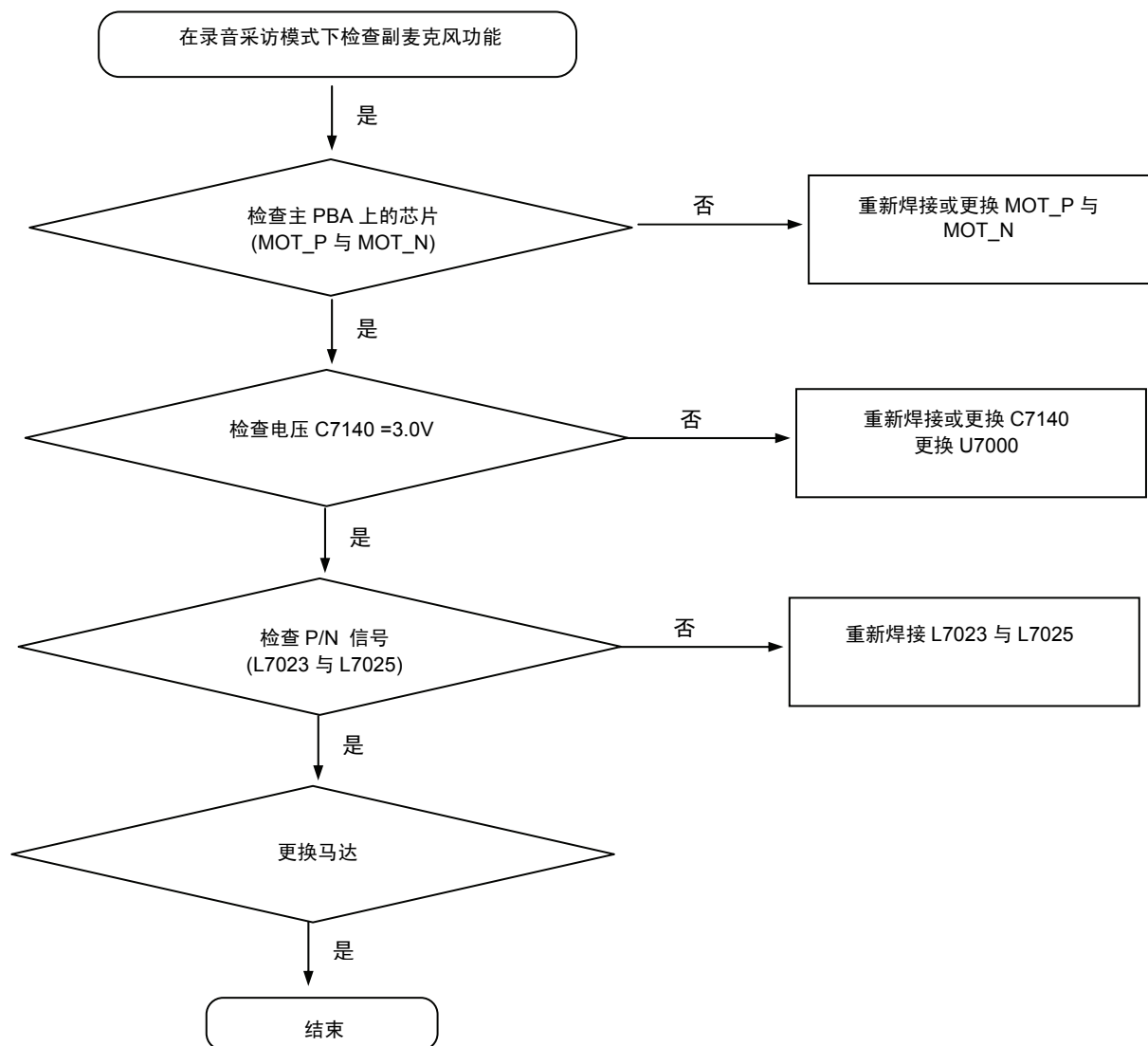
8-3-18. 麦克风部分—副麦克风

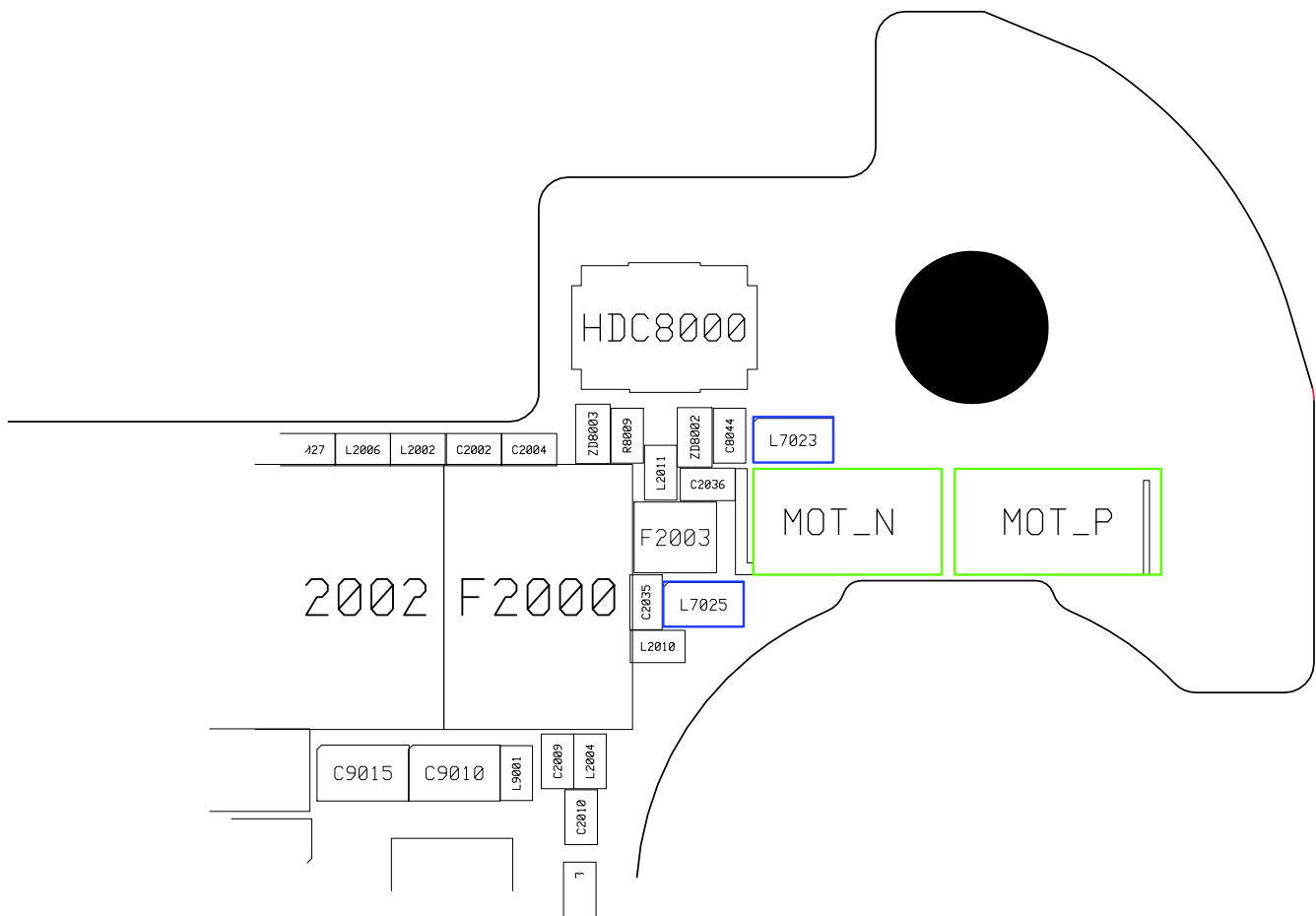


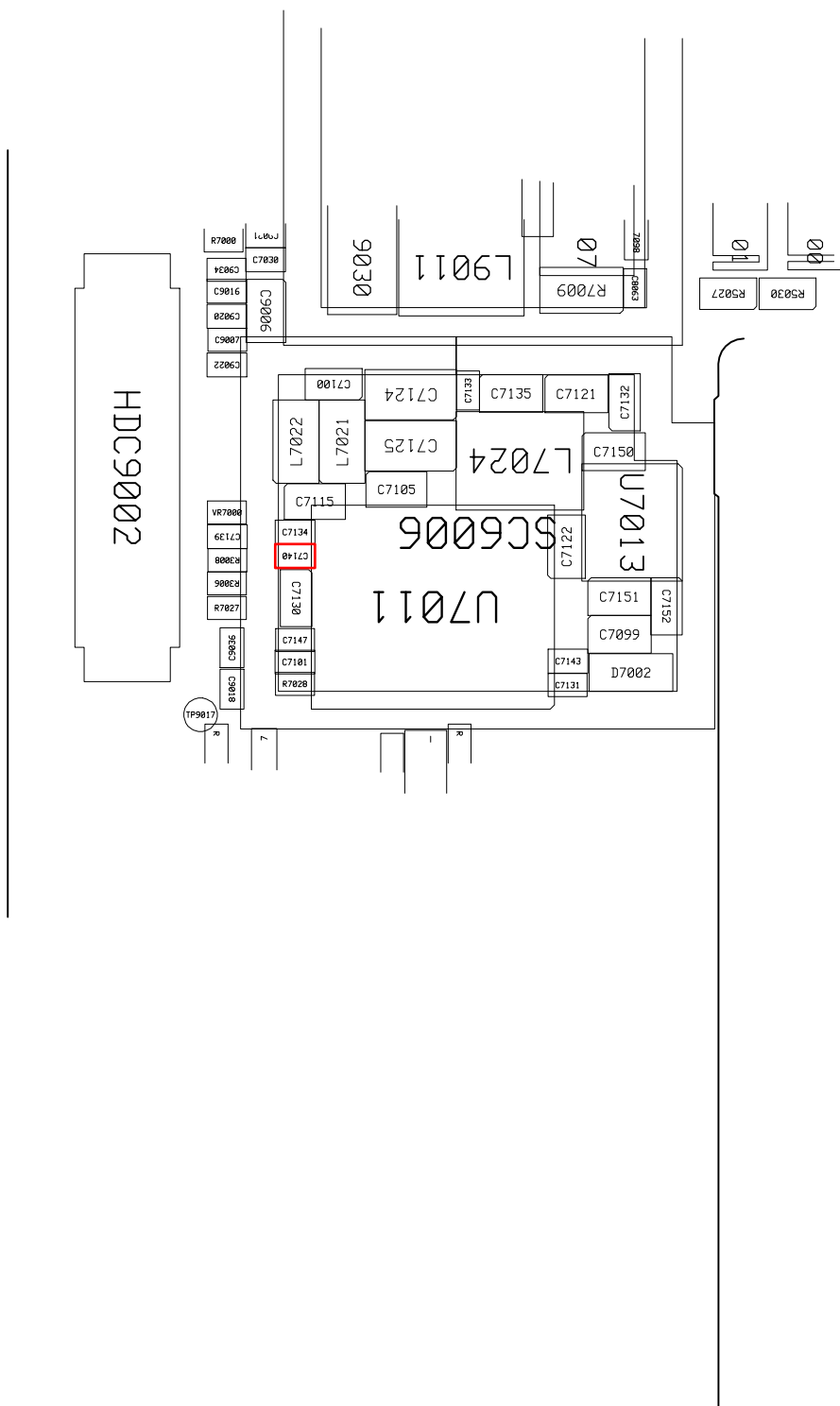




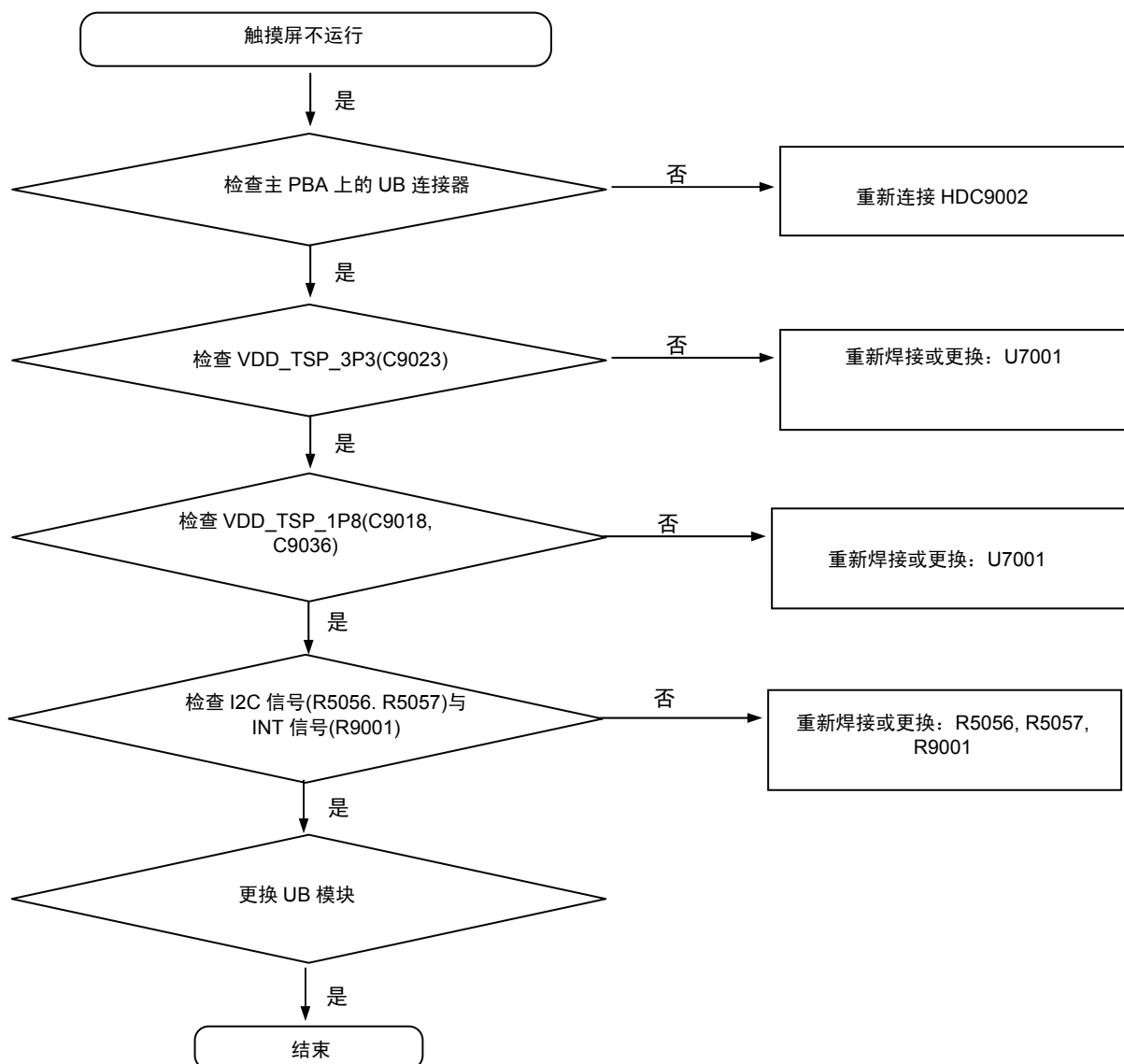
8-3-19. 马达

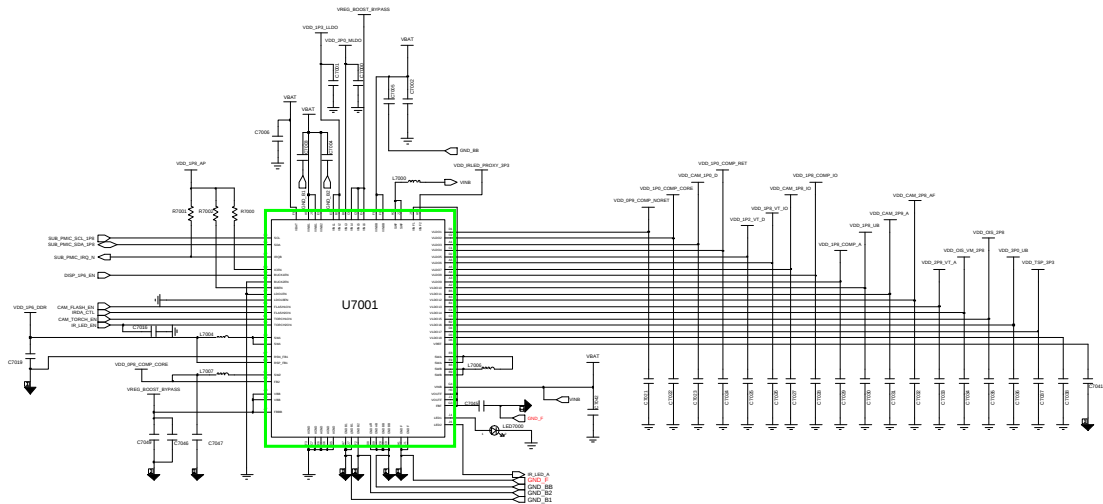




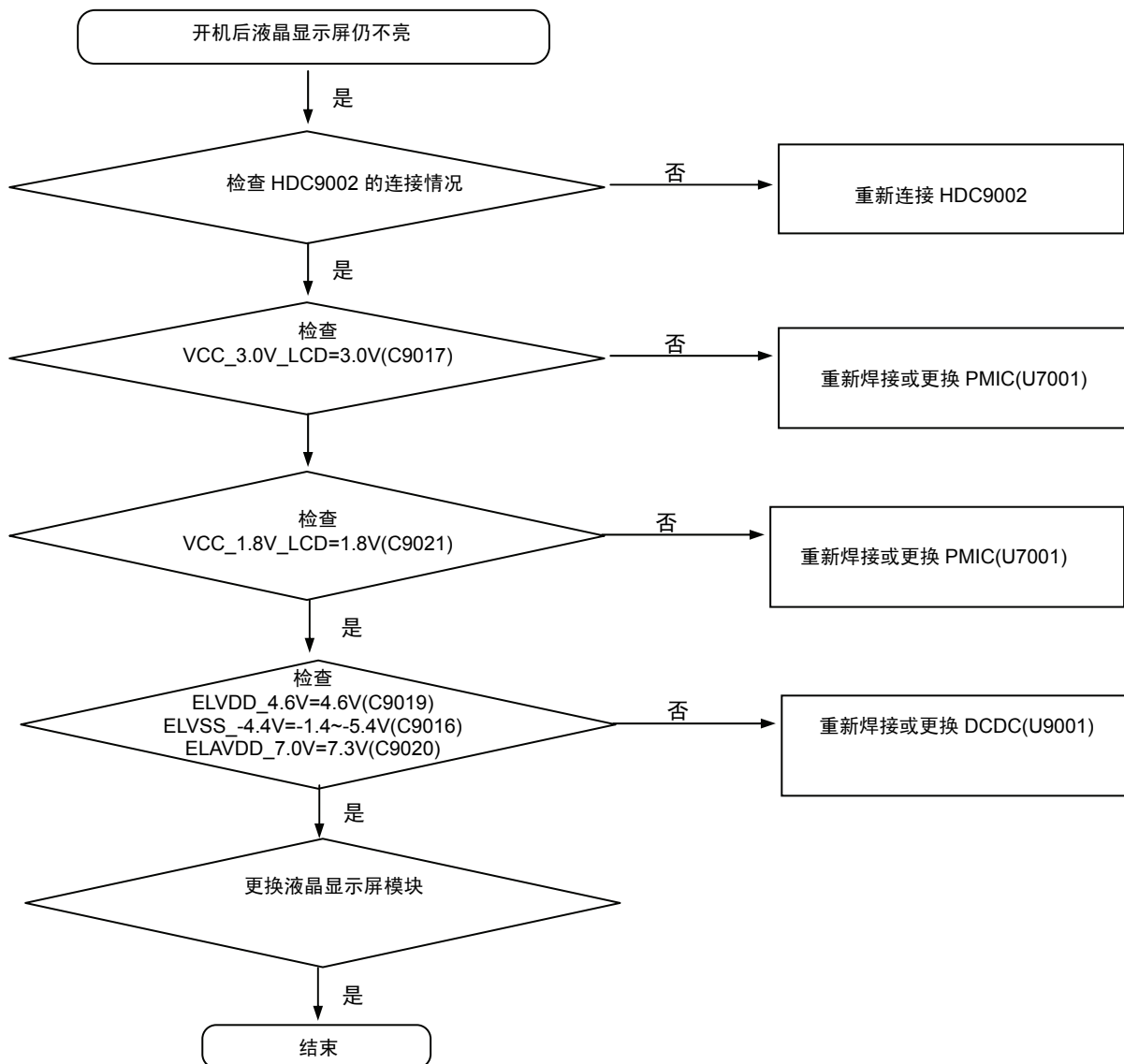


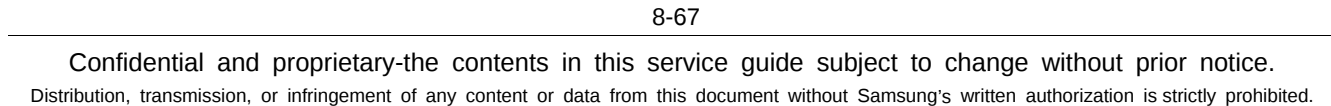
8-3-20. TSP



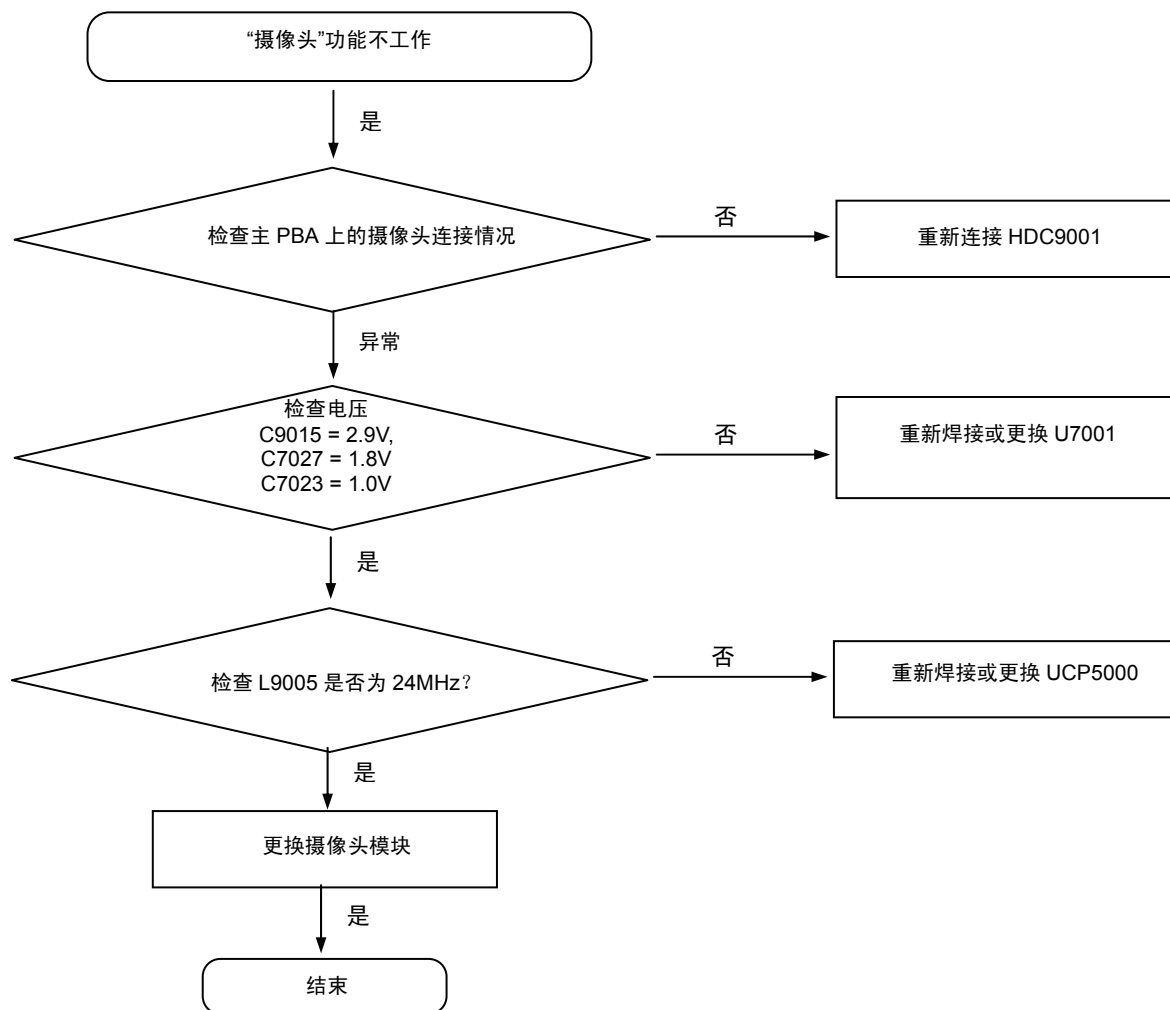


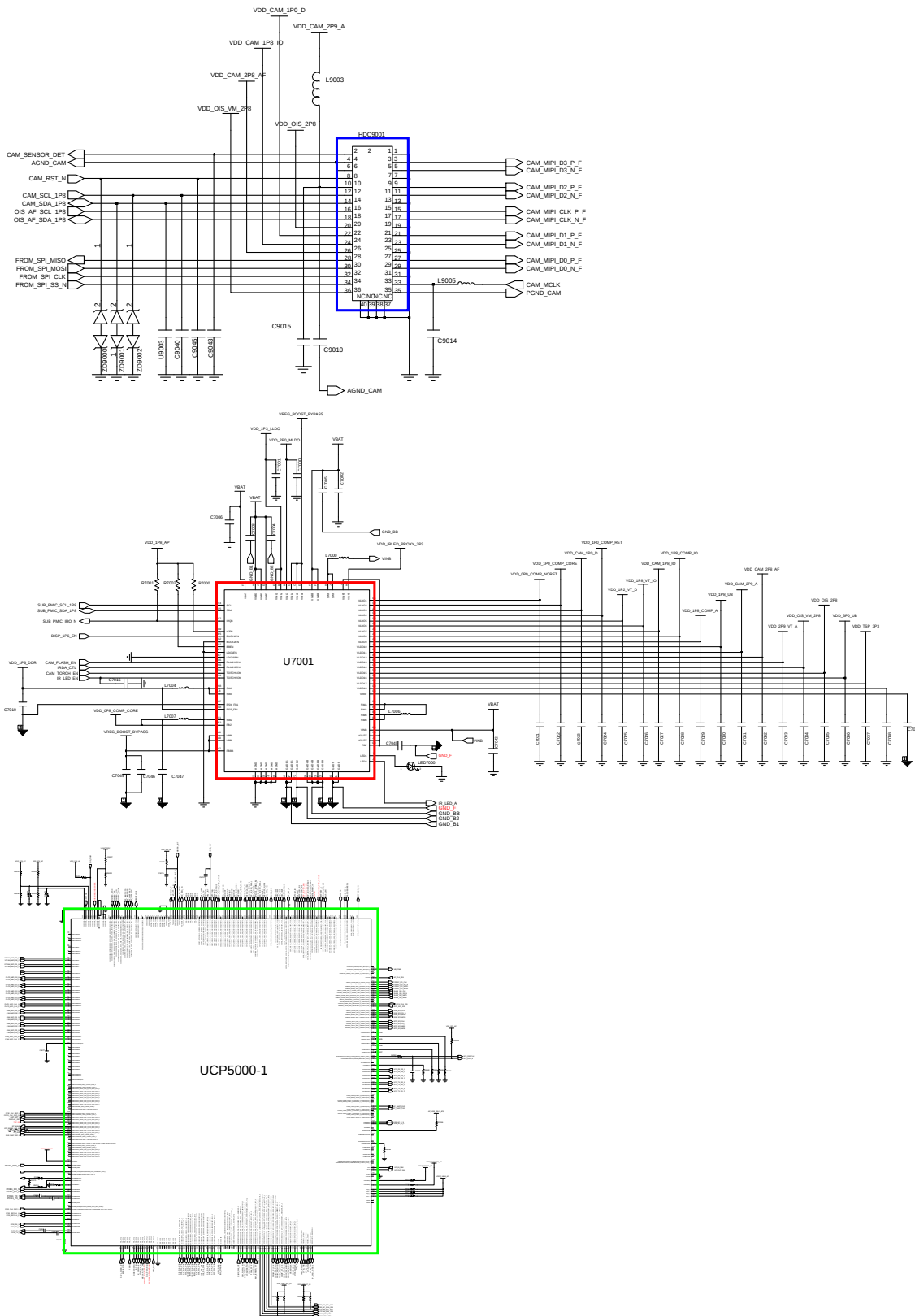
8-3-21. 液晶显示屏

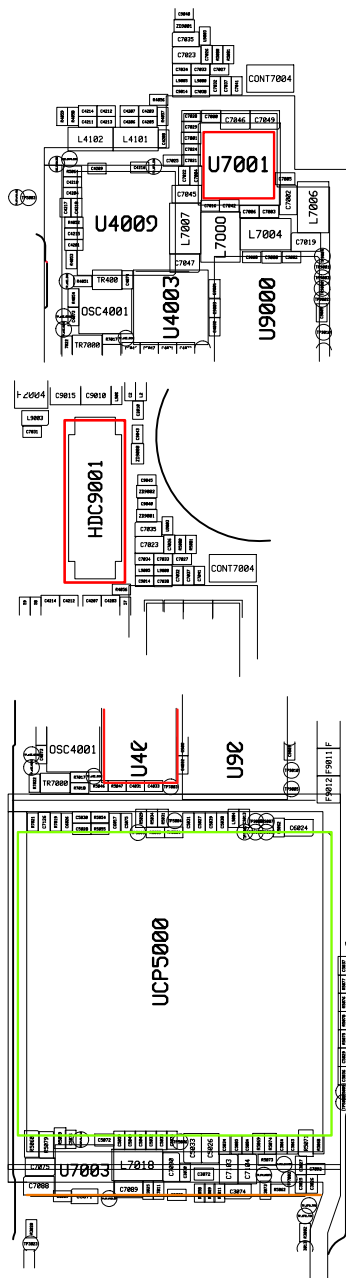




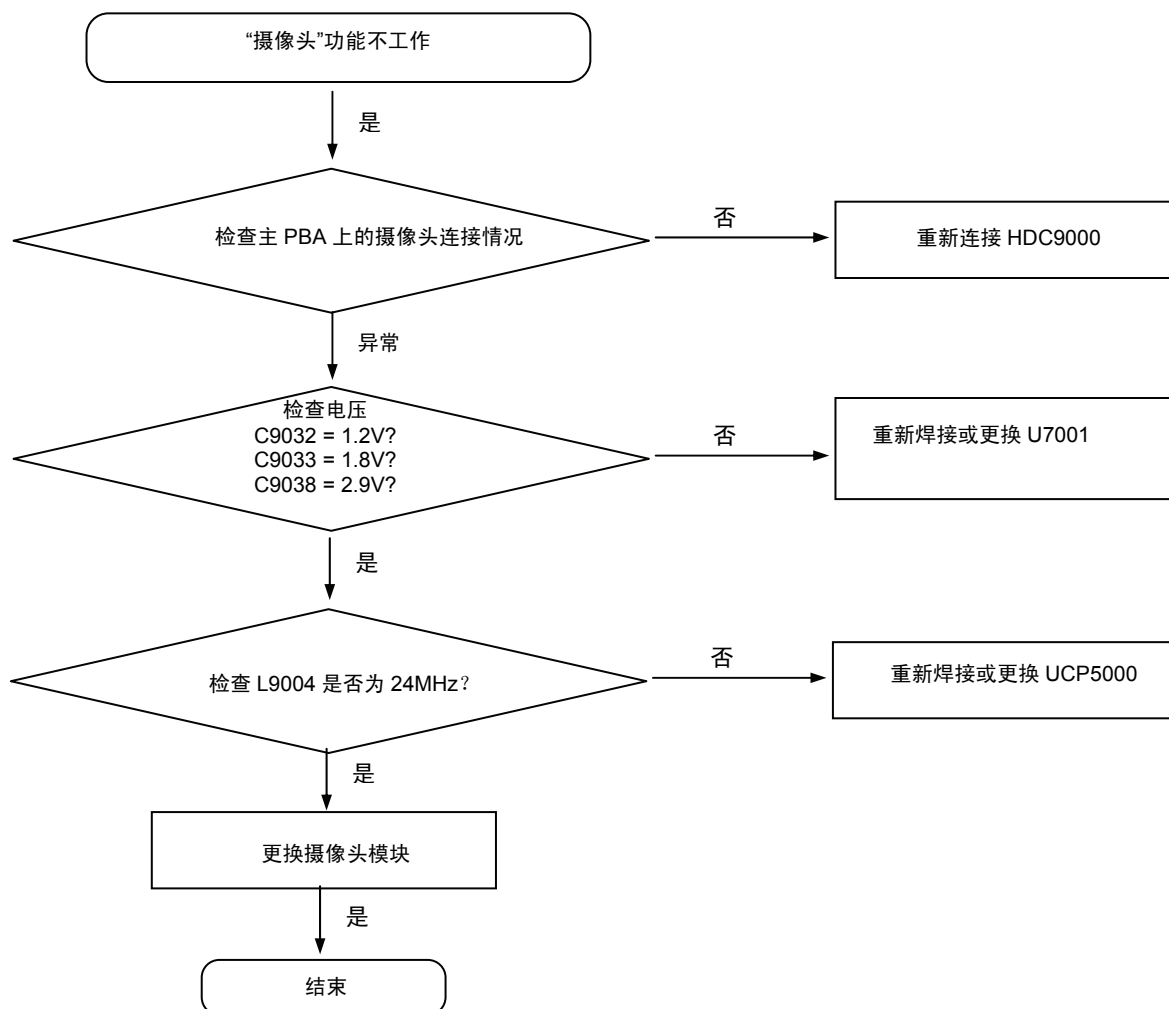
8-3-22. 16M 摄像头

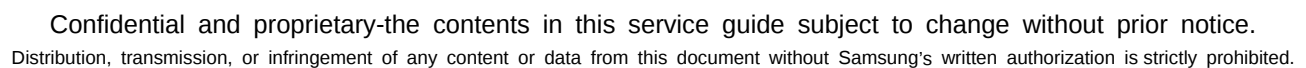
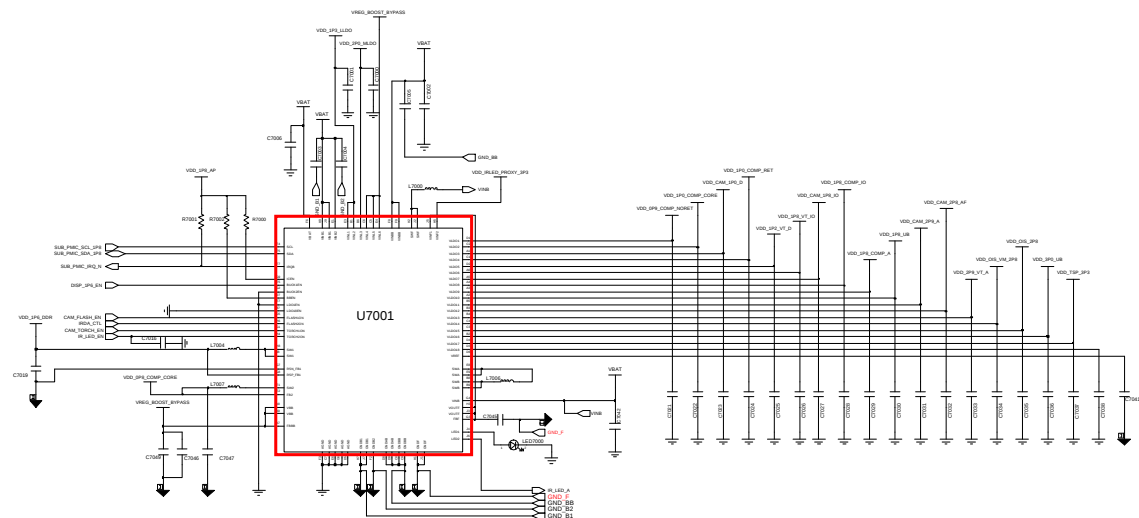


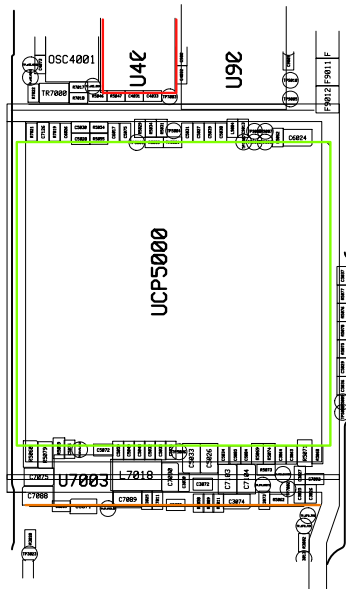
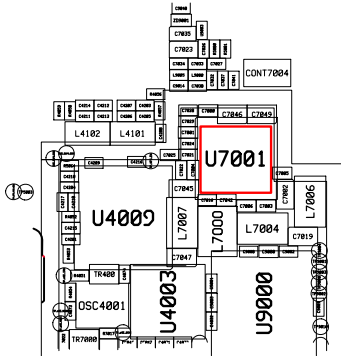
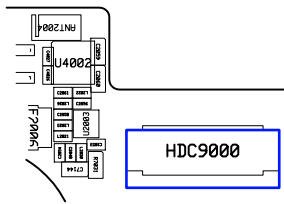




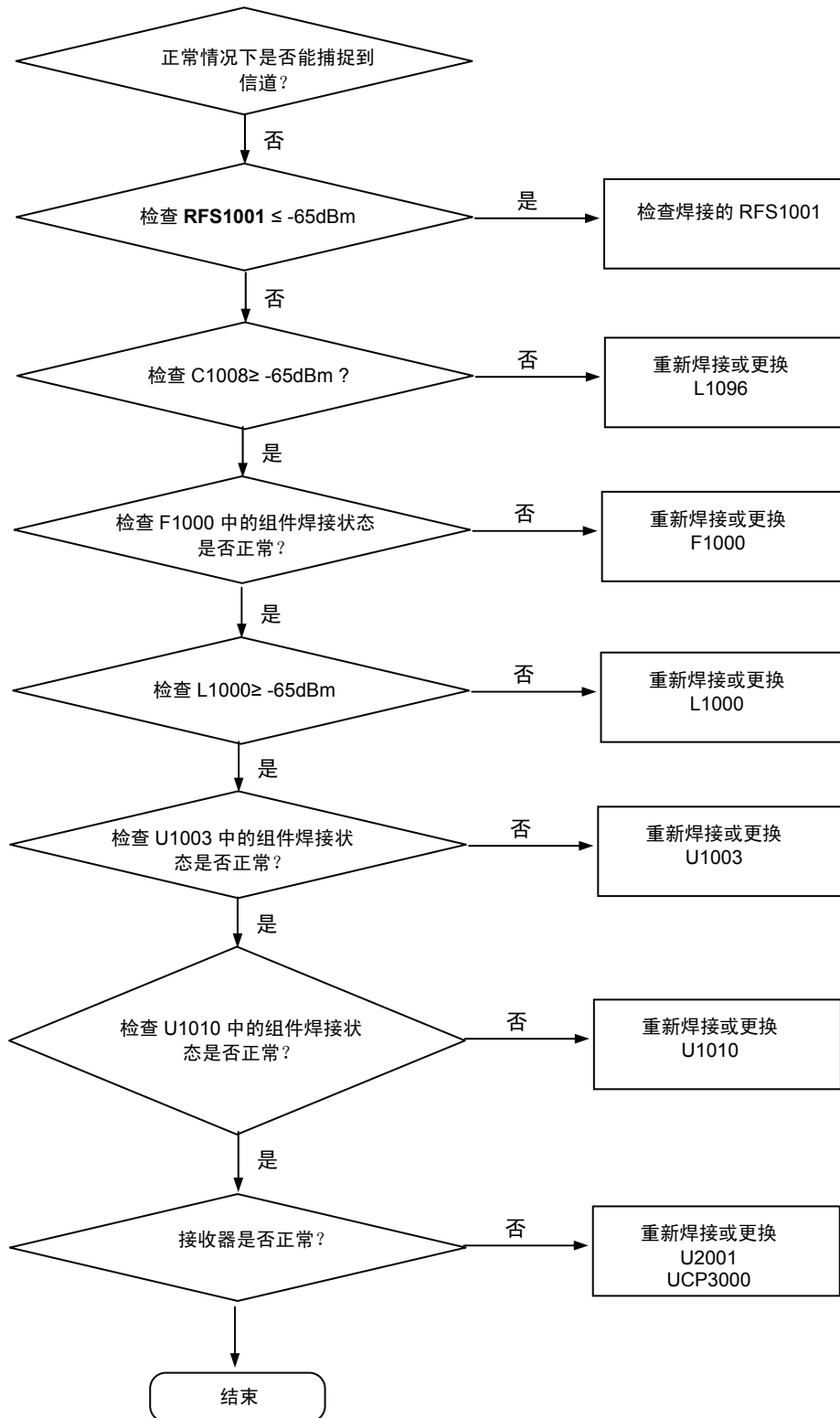
8-3-23. VT 摄像头



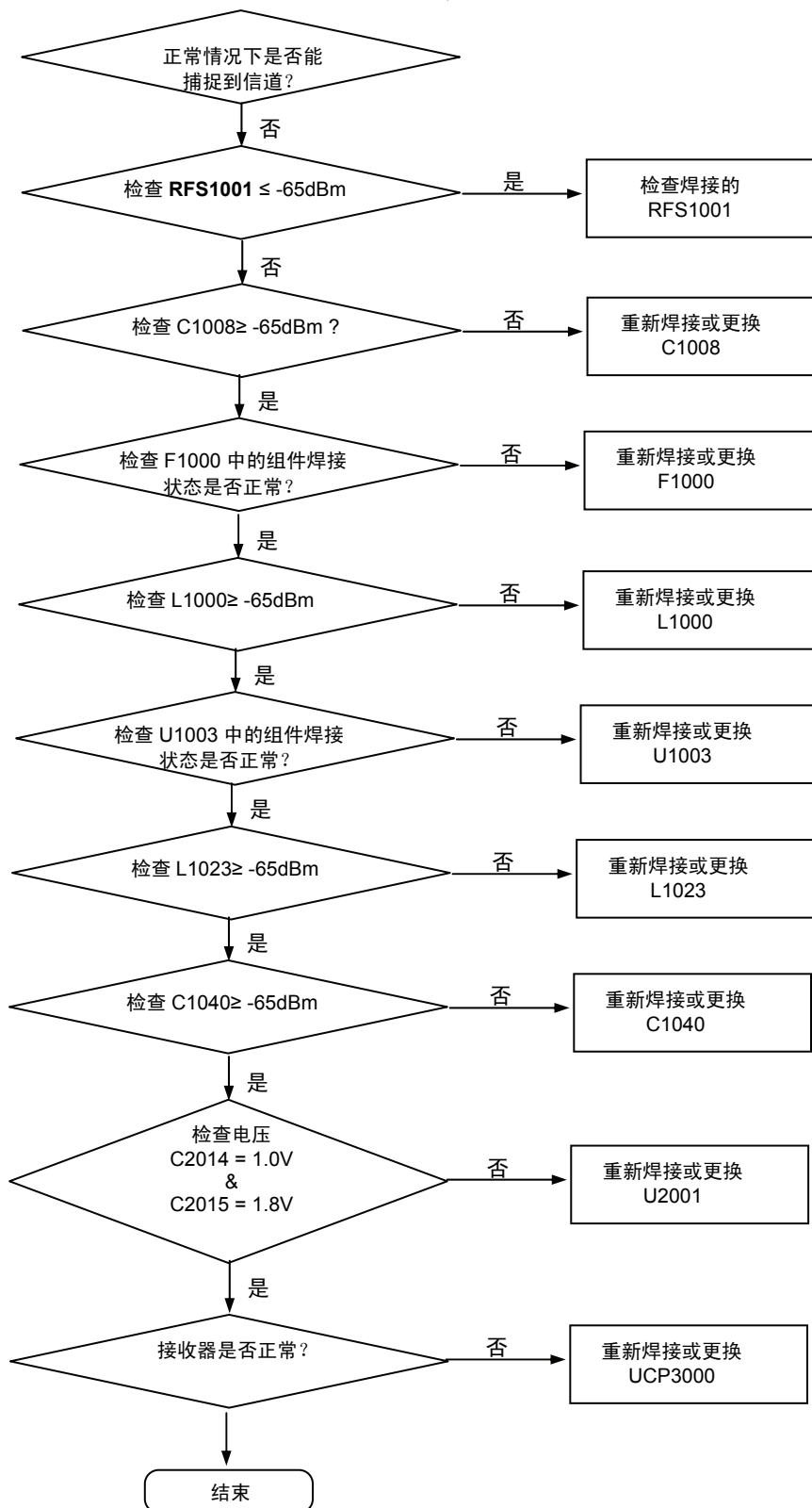




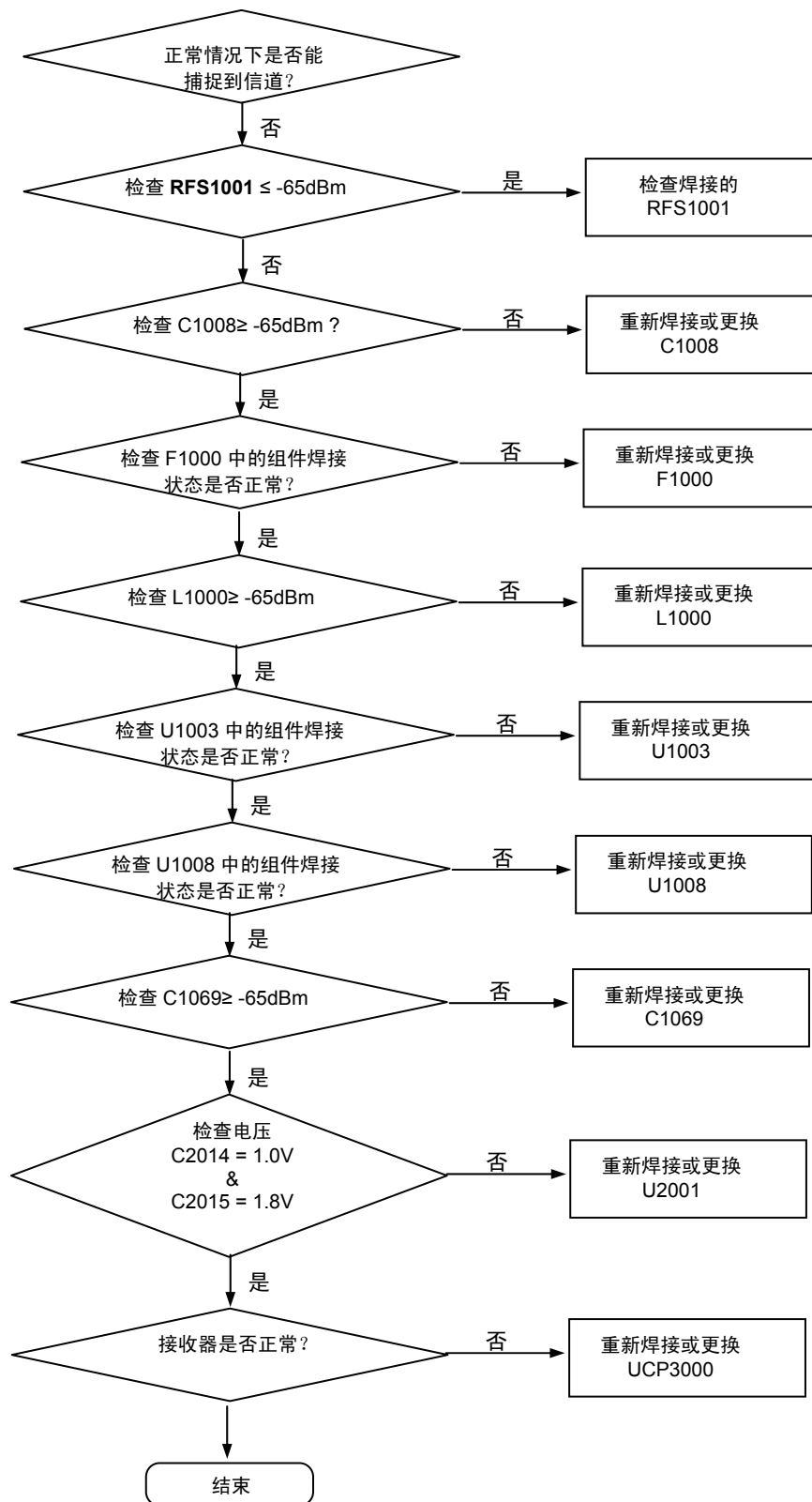
8-3-24. WCDMA 1 / LTE 1 Rx

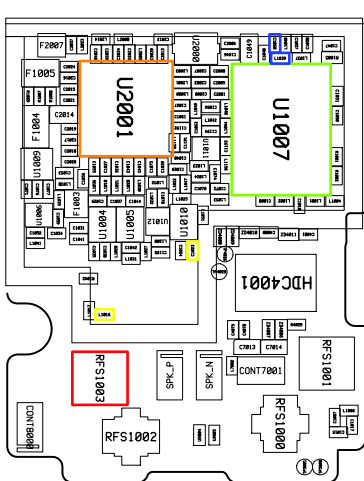
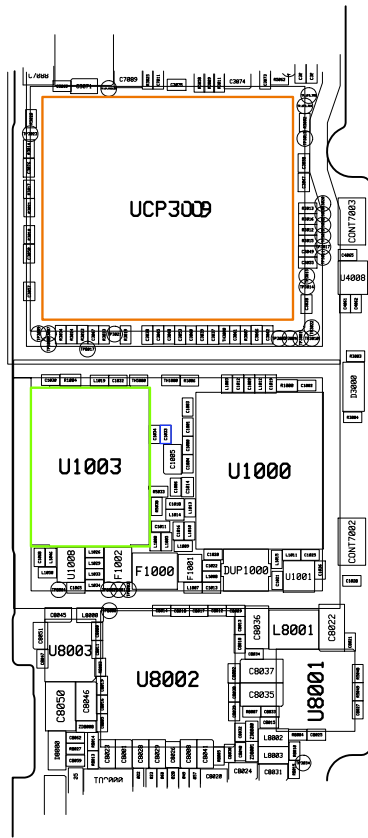


8-3-25. GSM1900 / WCDMA 2 / LTE 2, 25 Rx

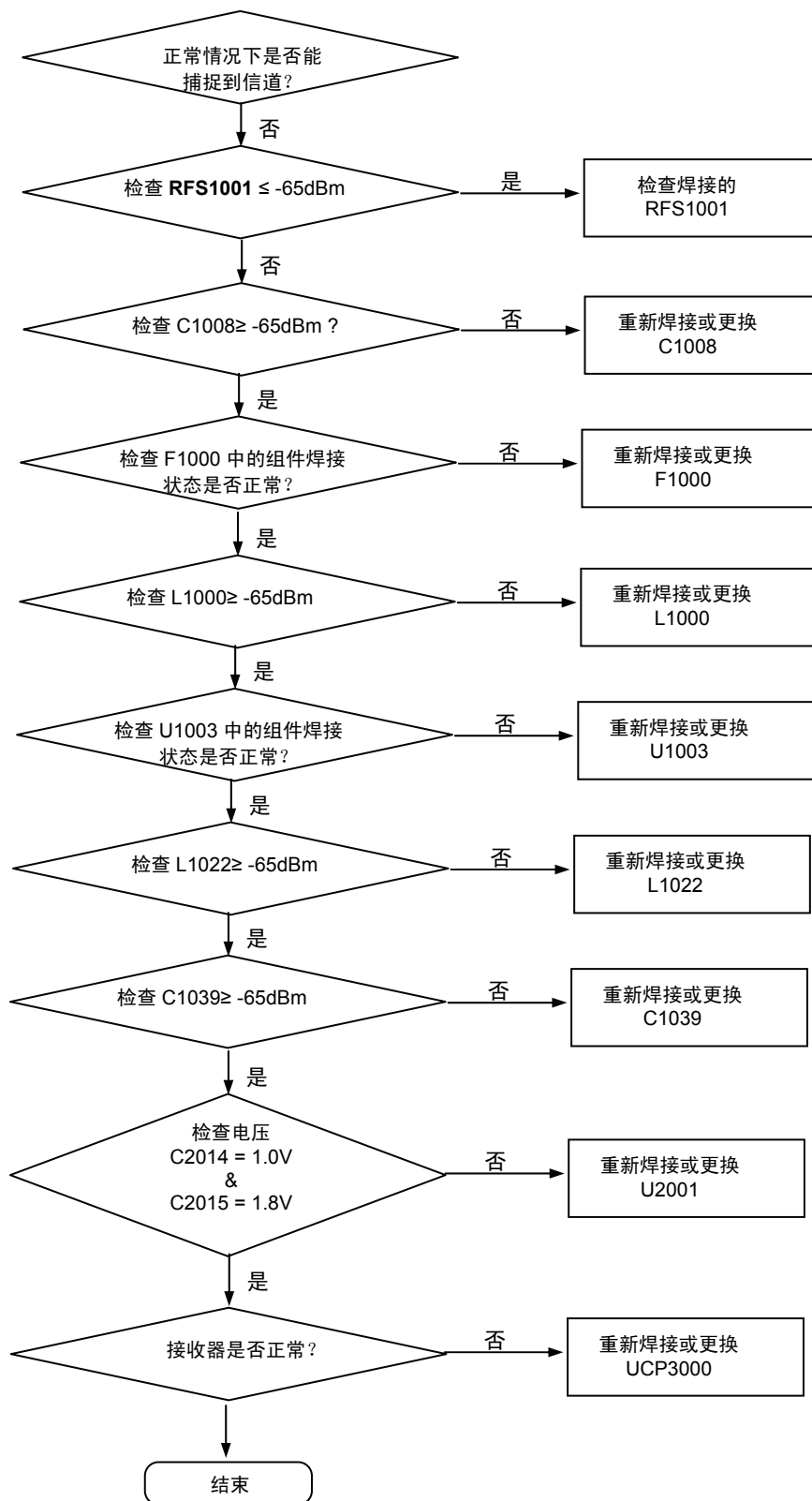


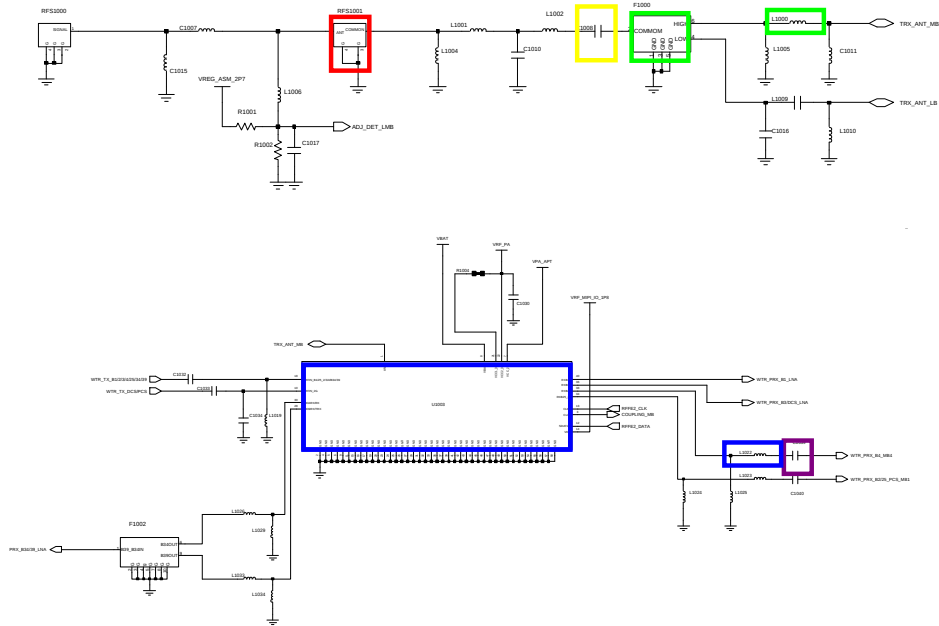
8-3-26. GSM1800 / LTE 3 Rx



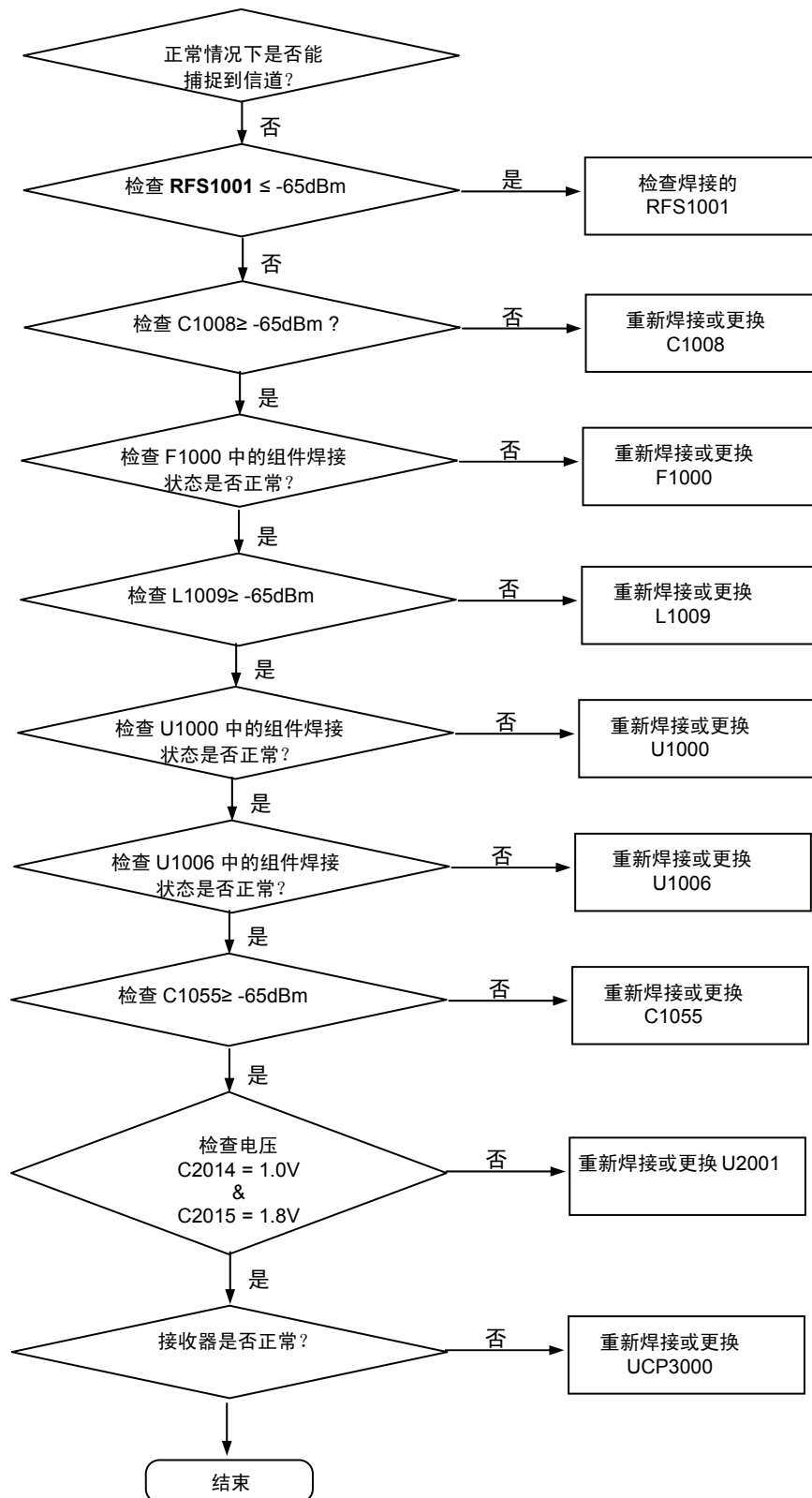


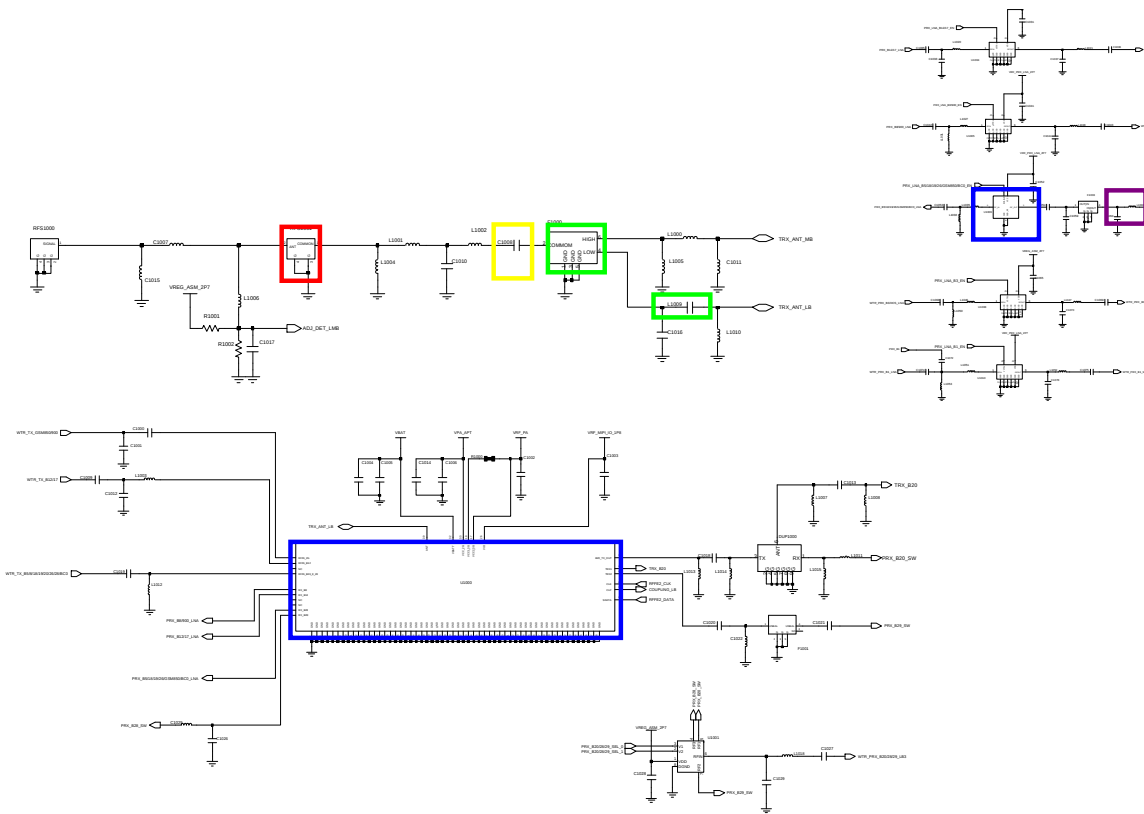
8-3-27. LTE 4 Rx



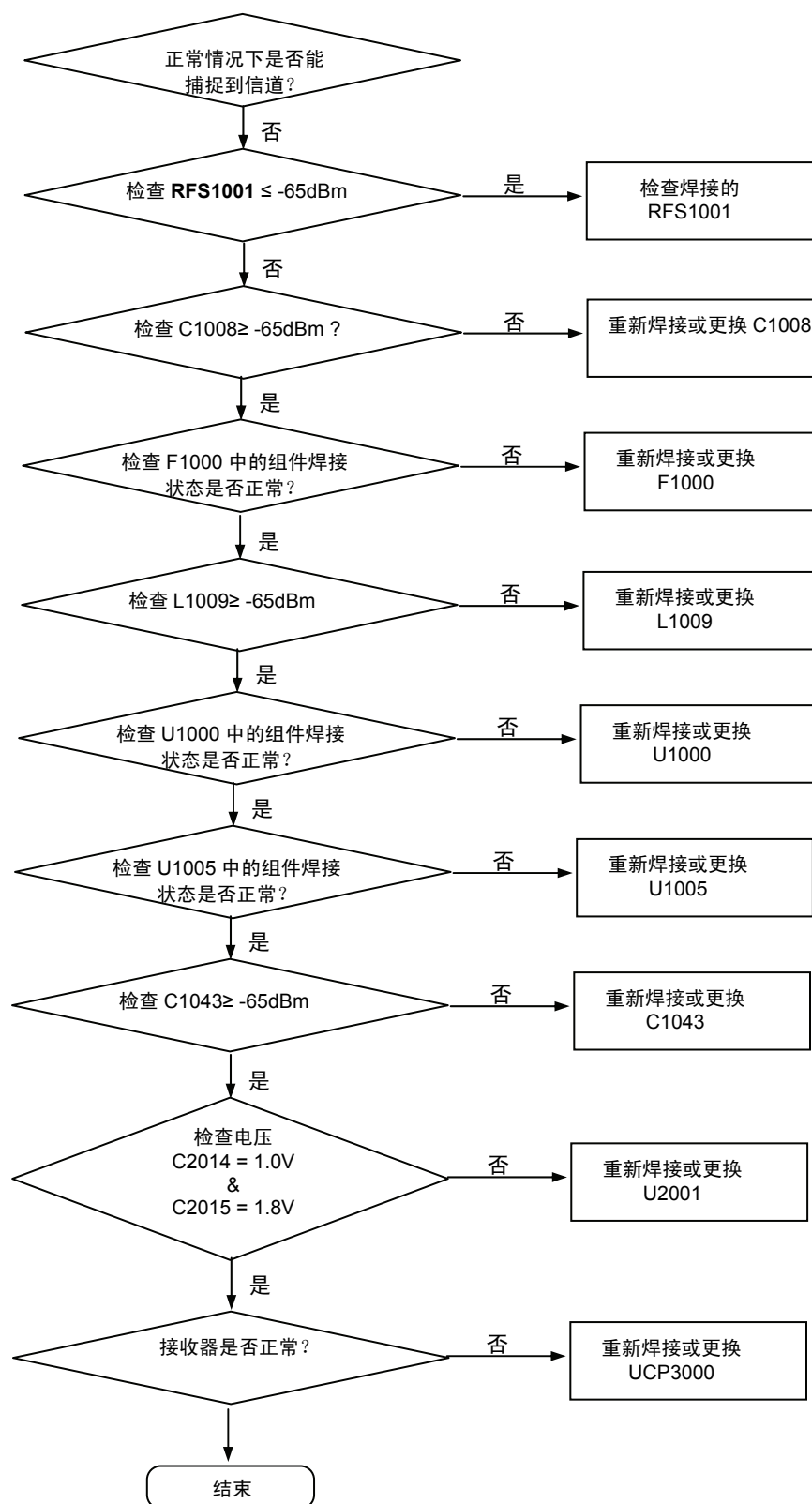


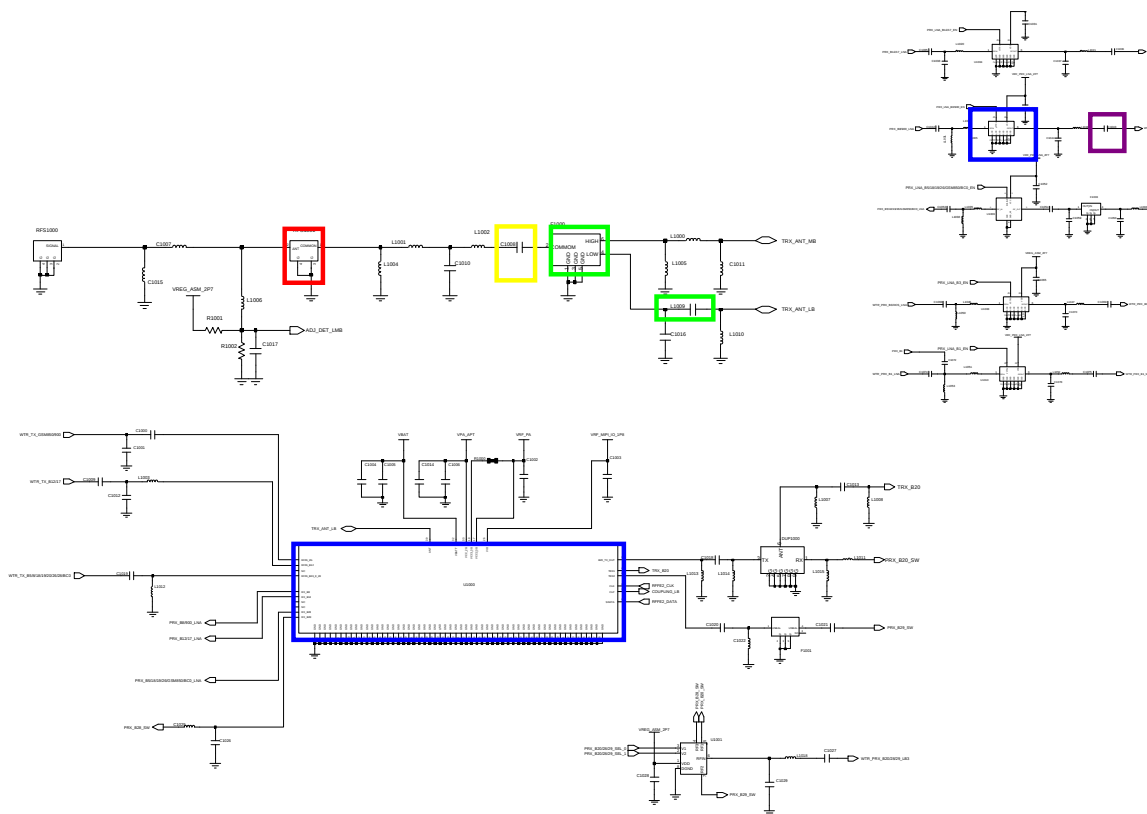
8-3-28. GSM850 / WCDMA 5 / LTE 5,18,19,26 / CDMA BC0 Rx



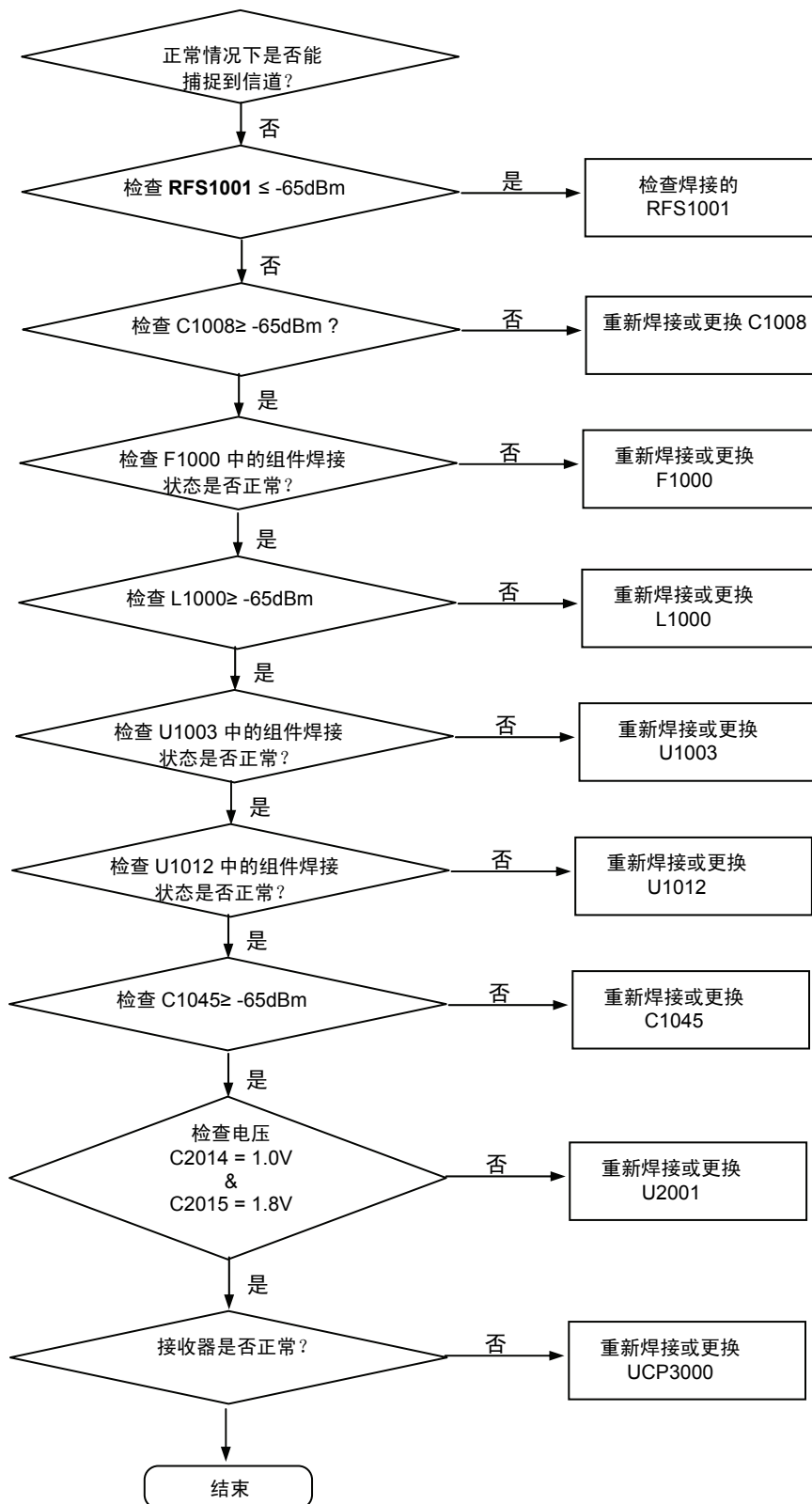


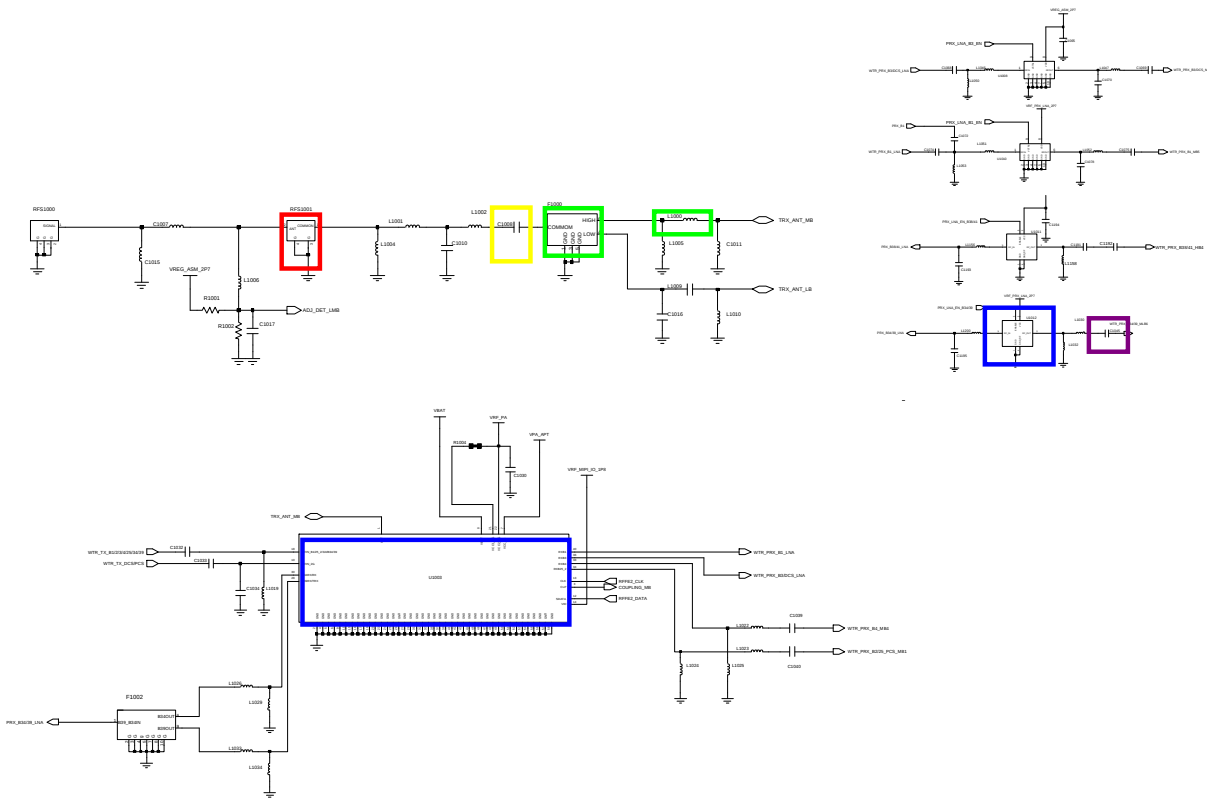
8-3-29. GSM900 / WCDMA 8 / LTE 8 Rx



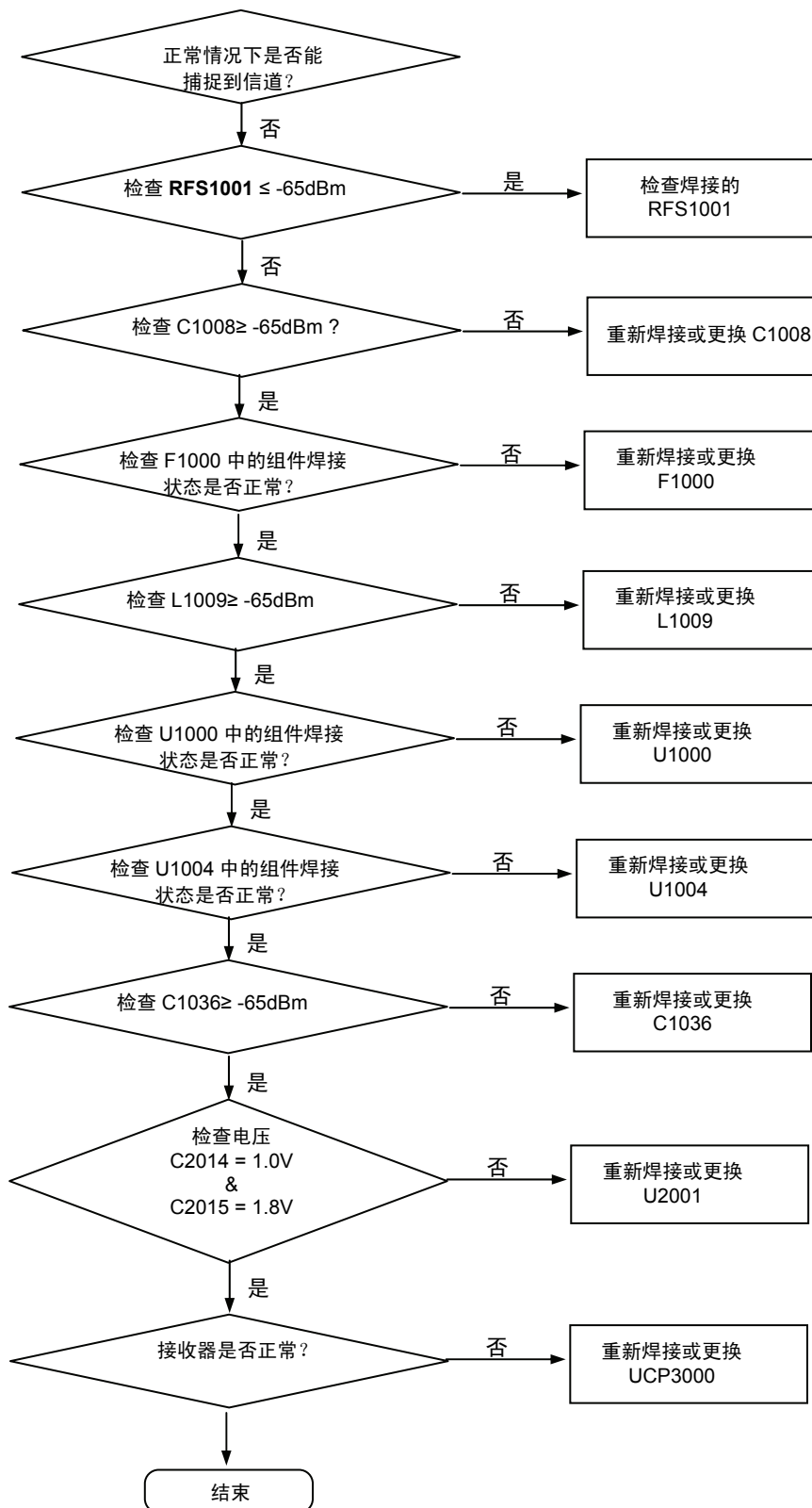


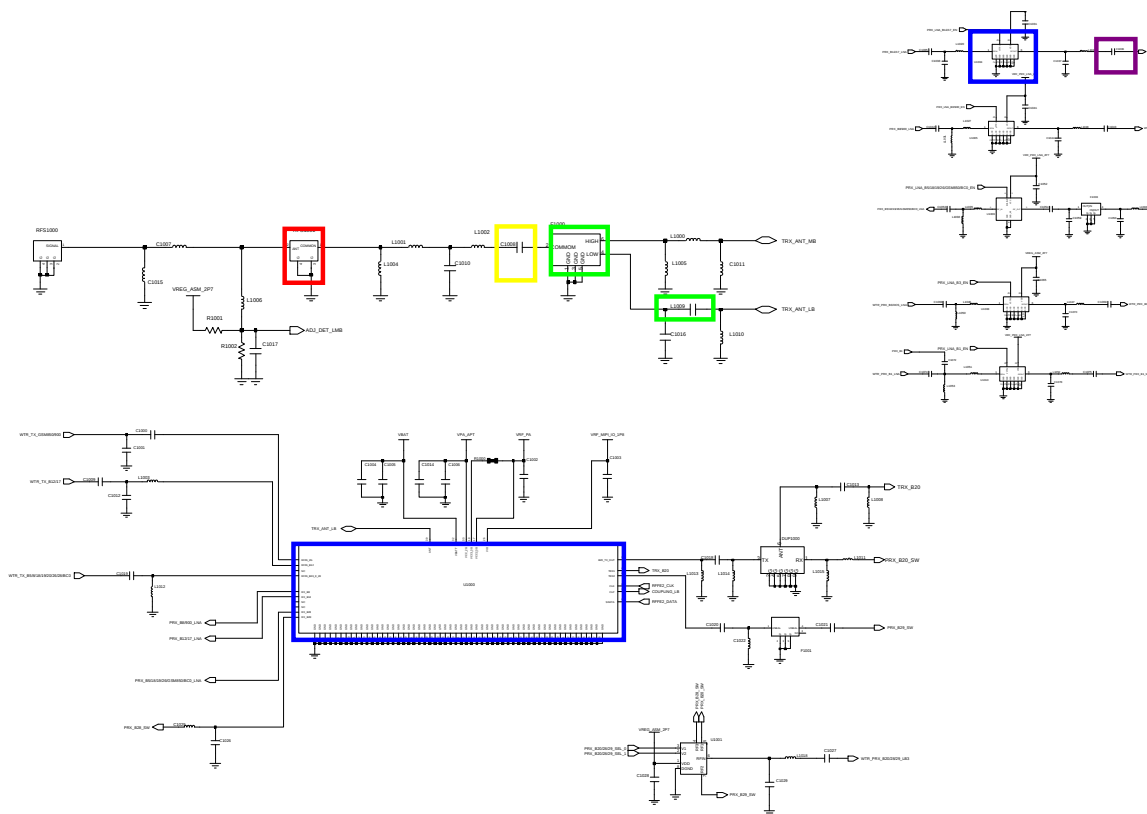
8-3-30. TD-SCMDA 34,39 / LTE 39 Rx

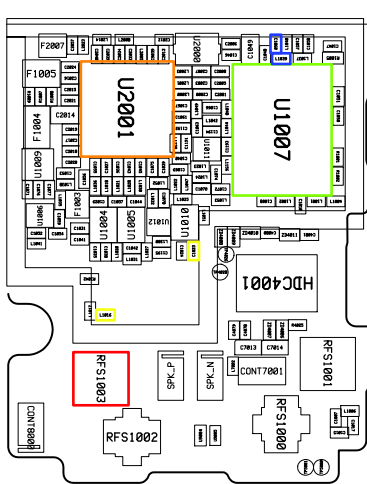
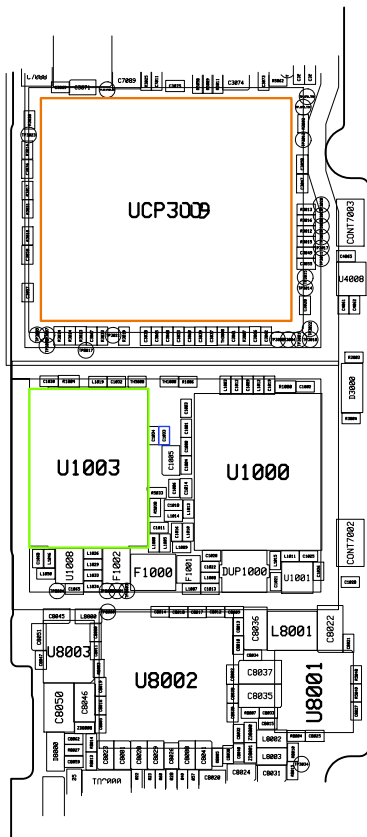




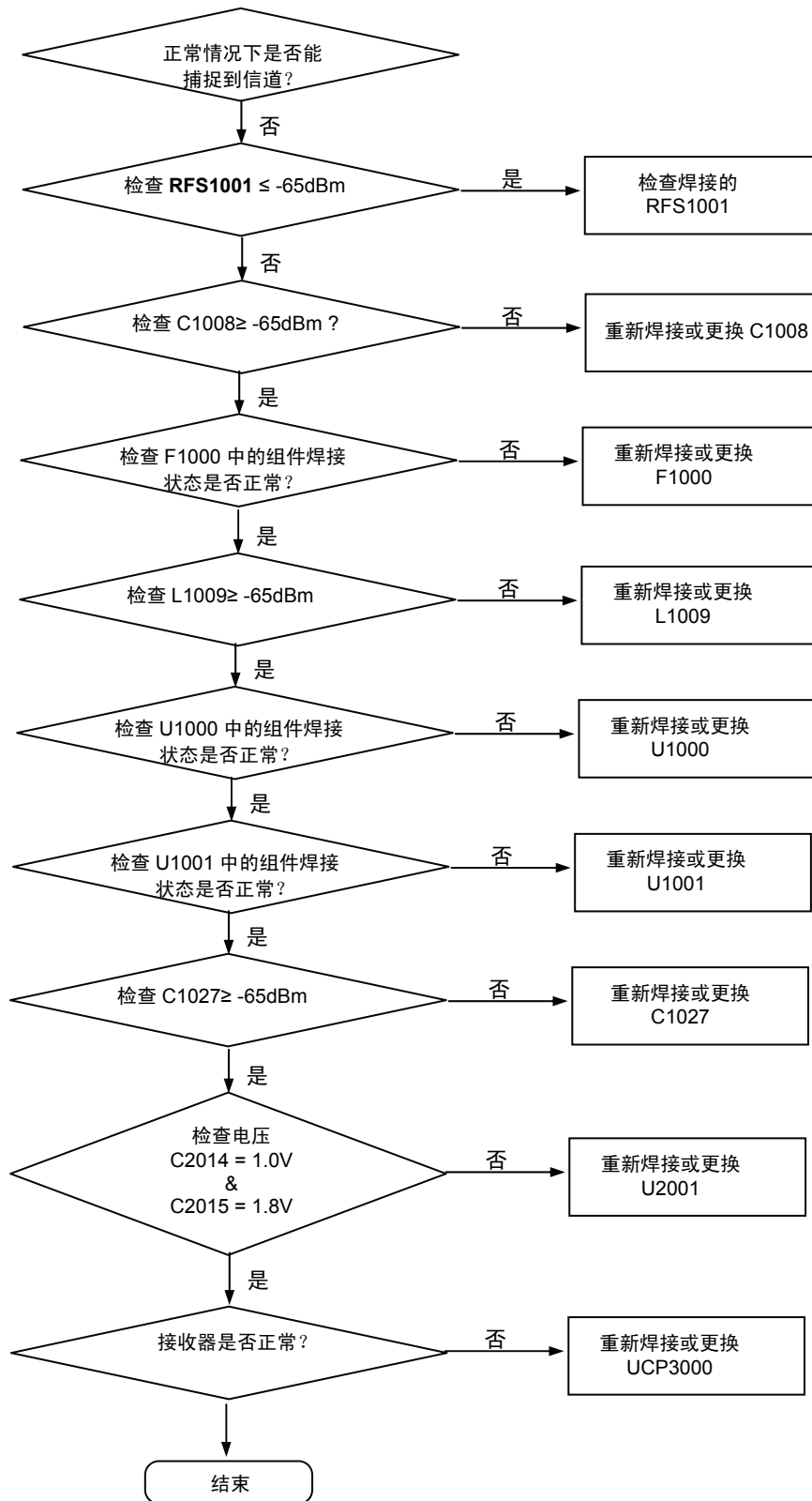
8-3-31. LTE 12, 17 Rx



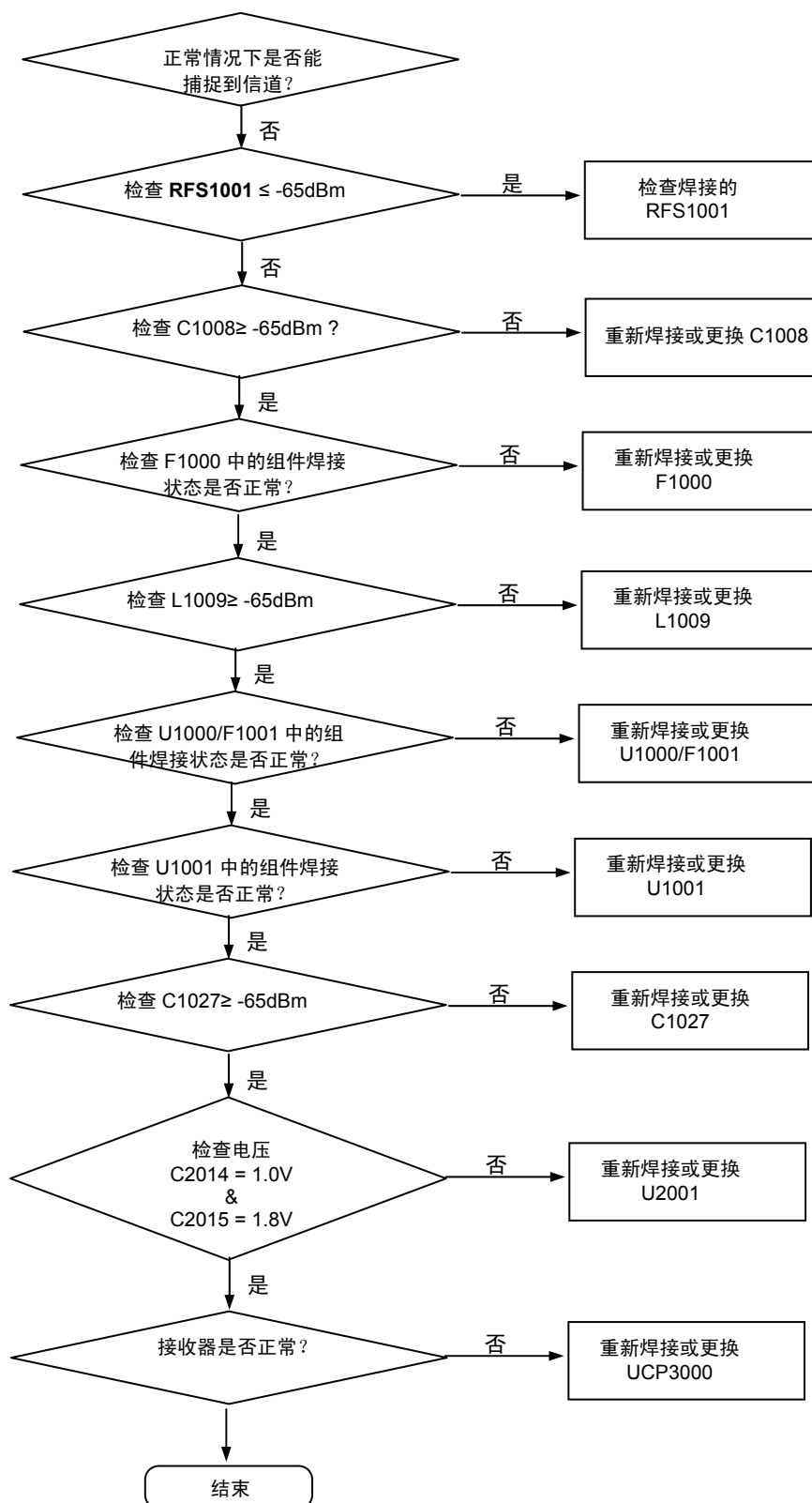


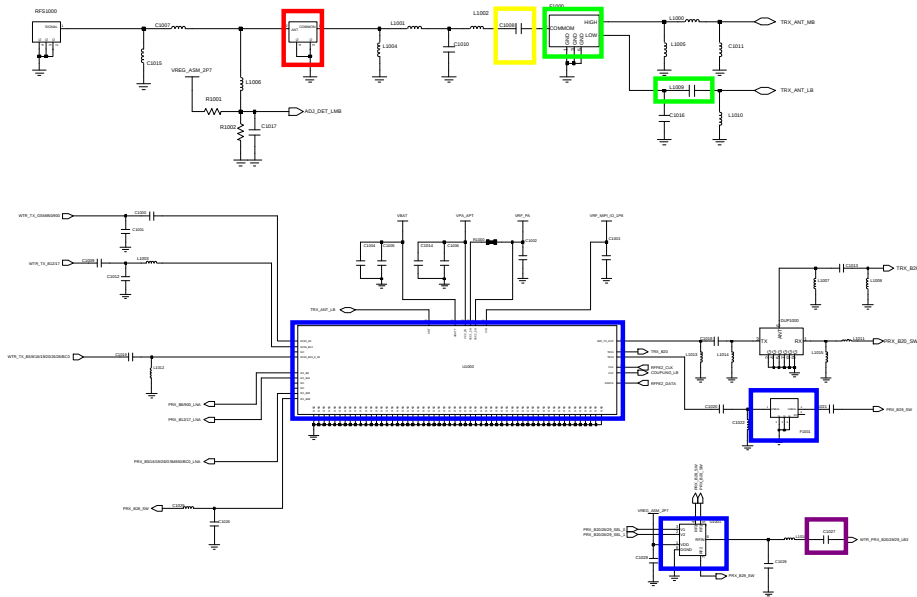


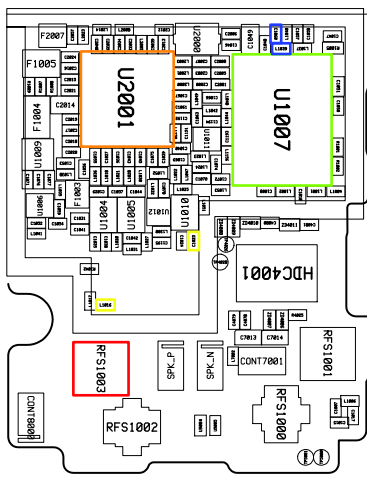
8-3-32. LTE 28 Rx



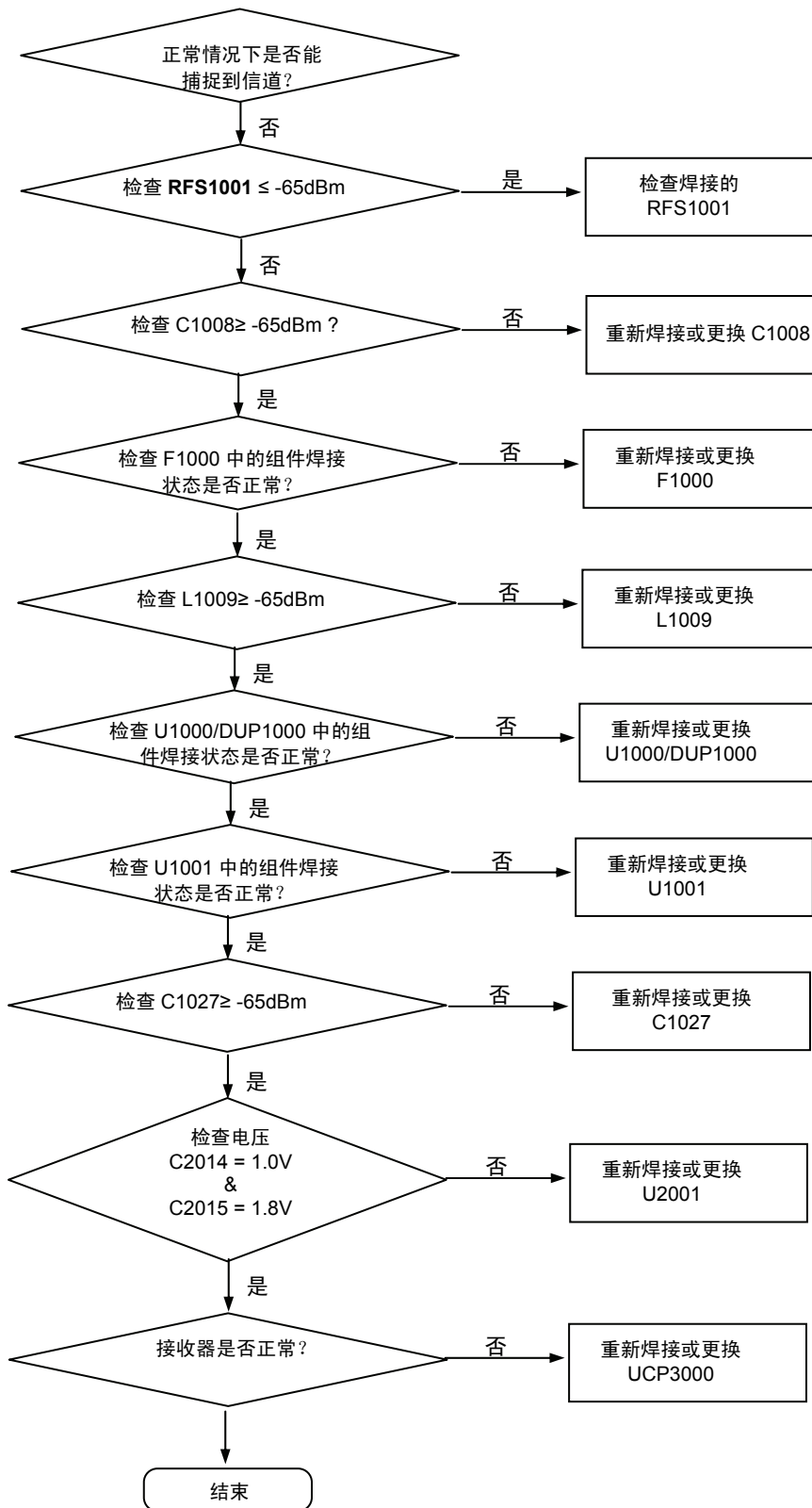
8-3-33. LTE 29 Rx

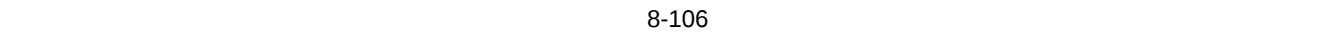


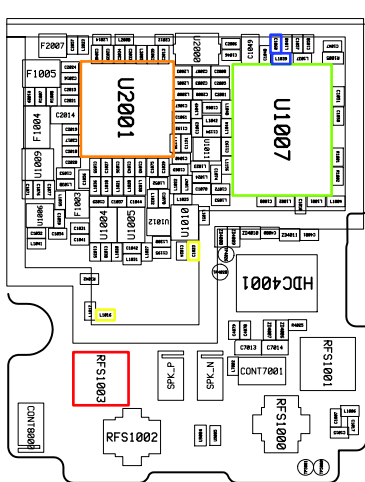




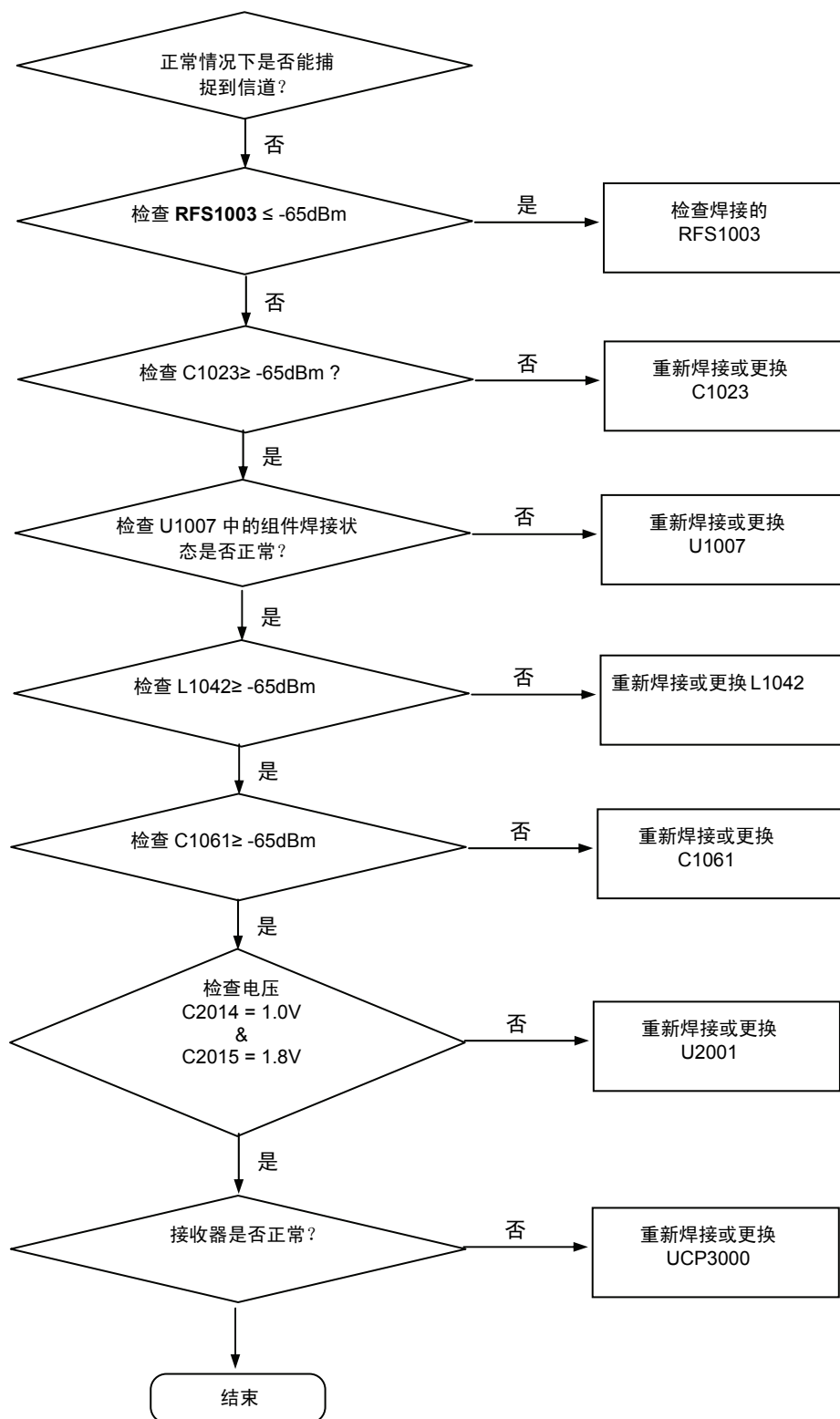
8-3-34. LTE 20 Rx

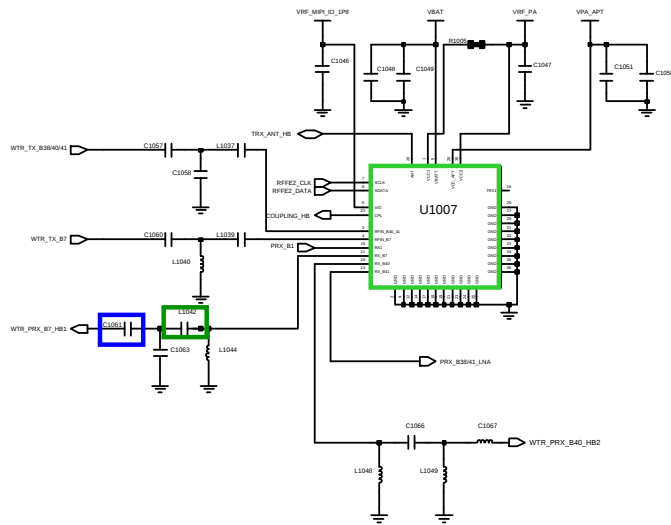
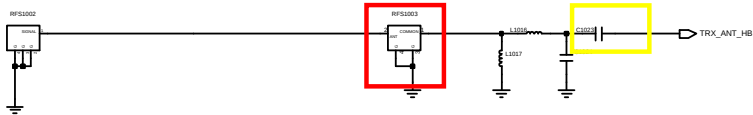


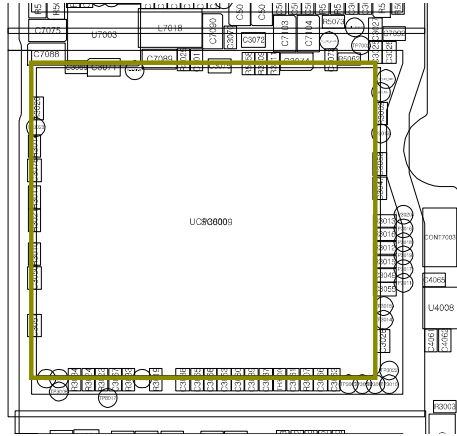




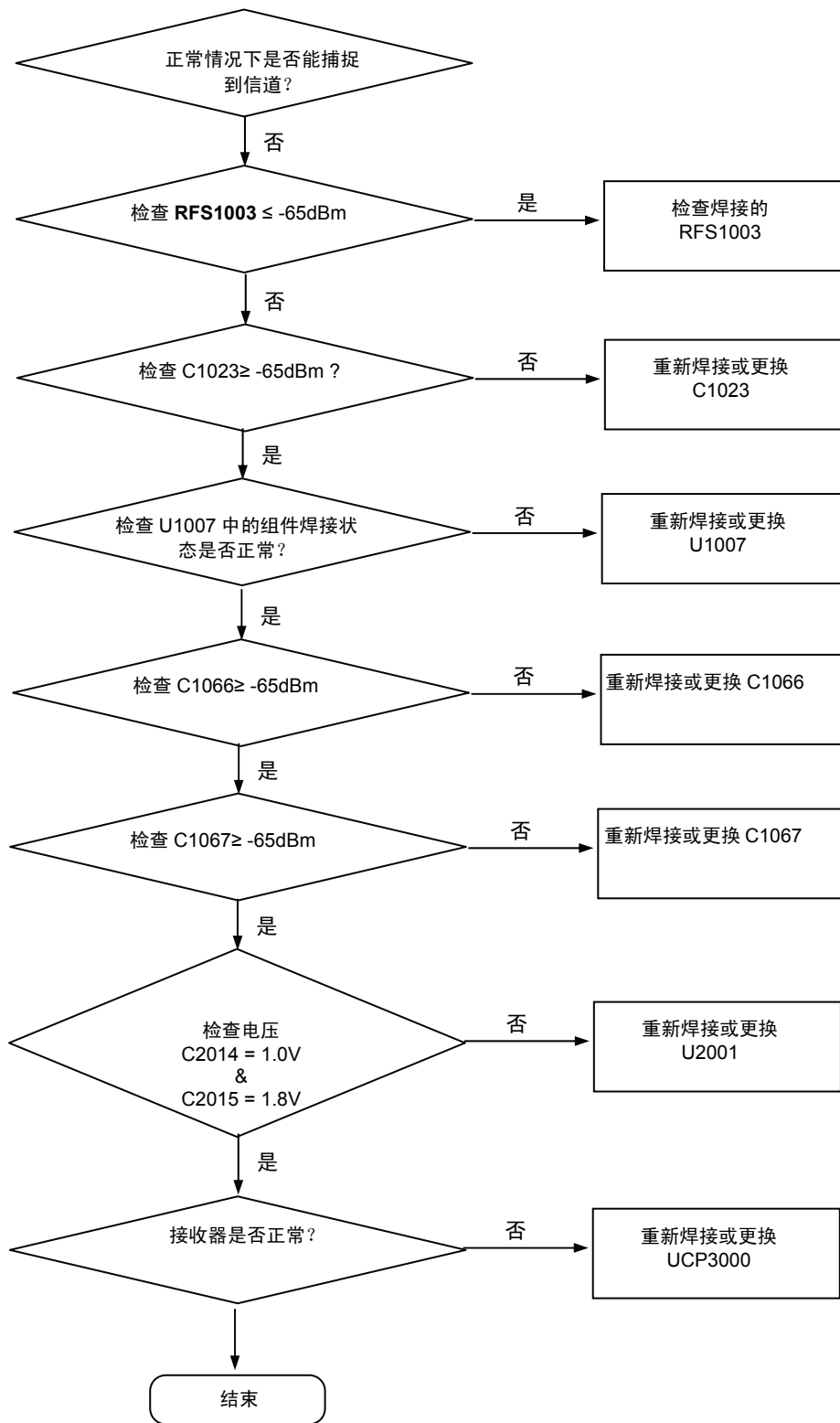
8-3-35. LTE 7 Rx

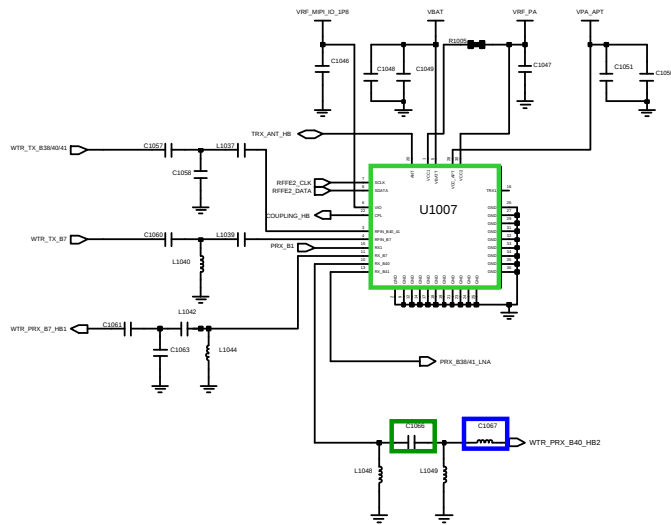
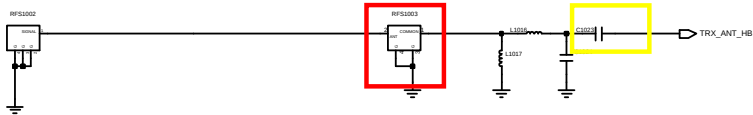


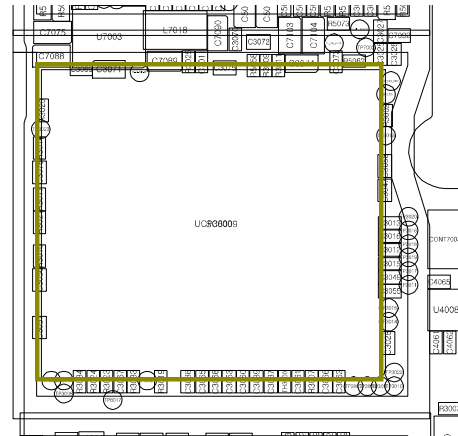




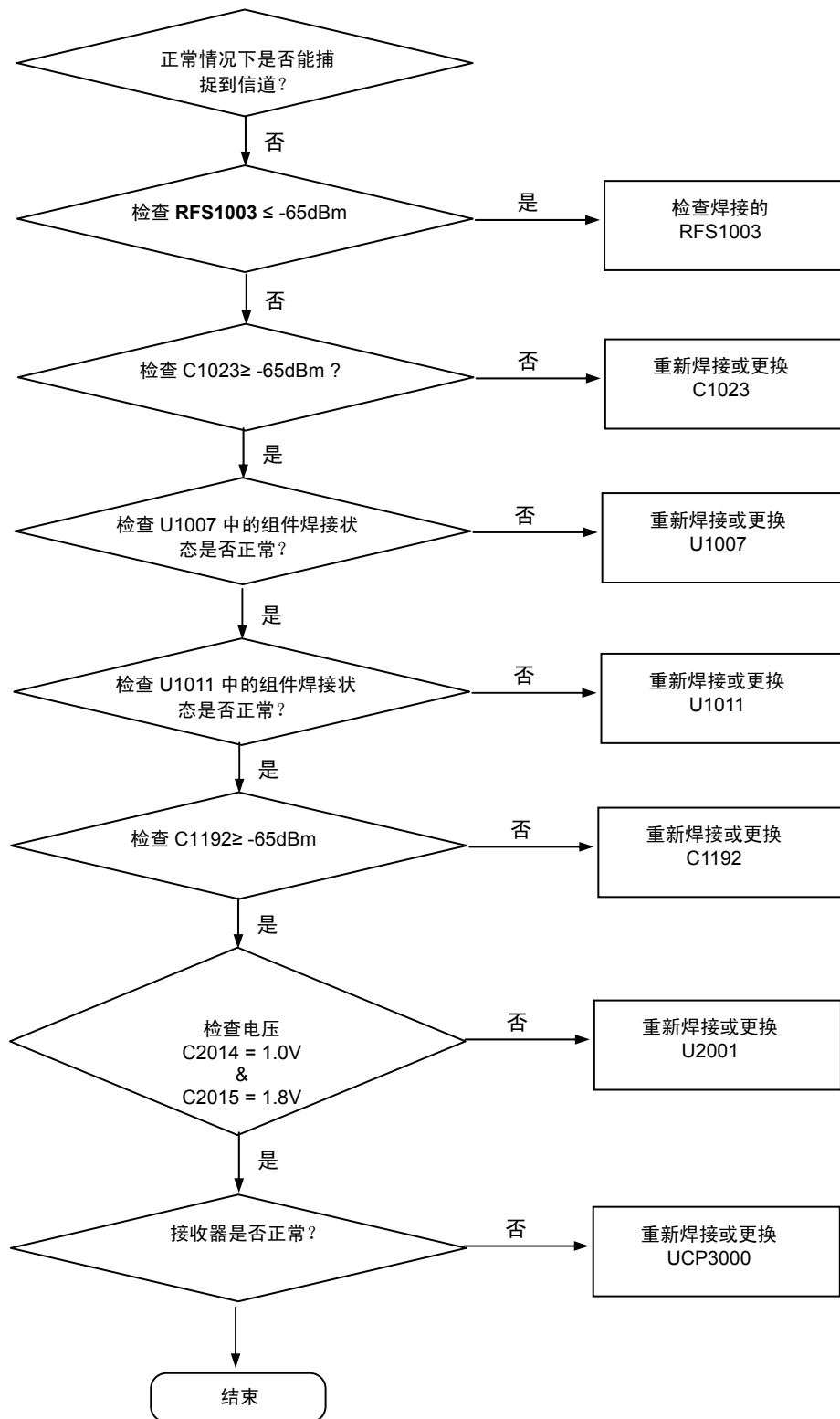
8-3-36. LTE 40 Rx

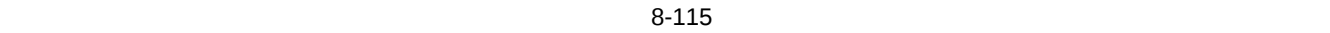


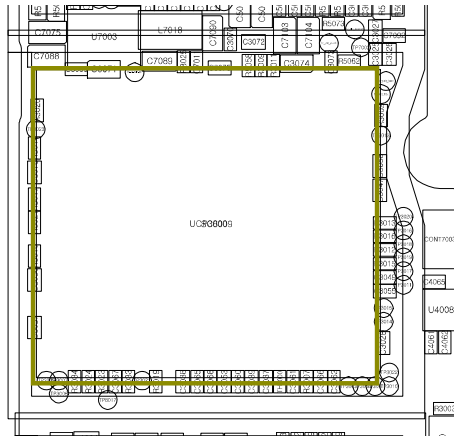




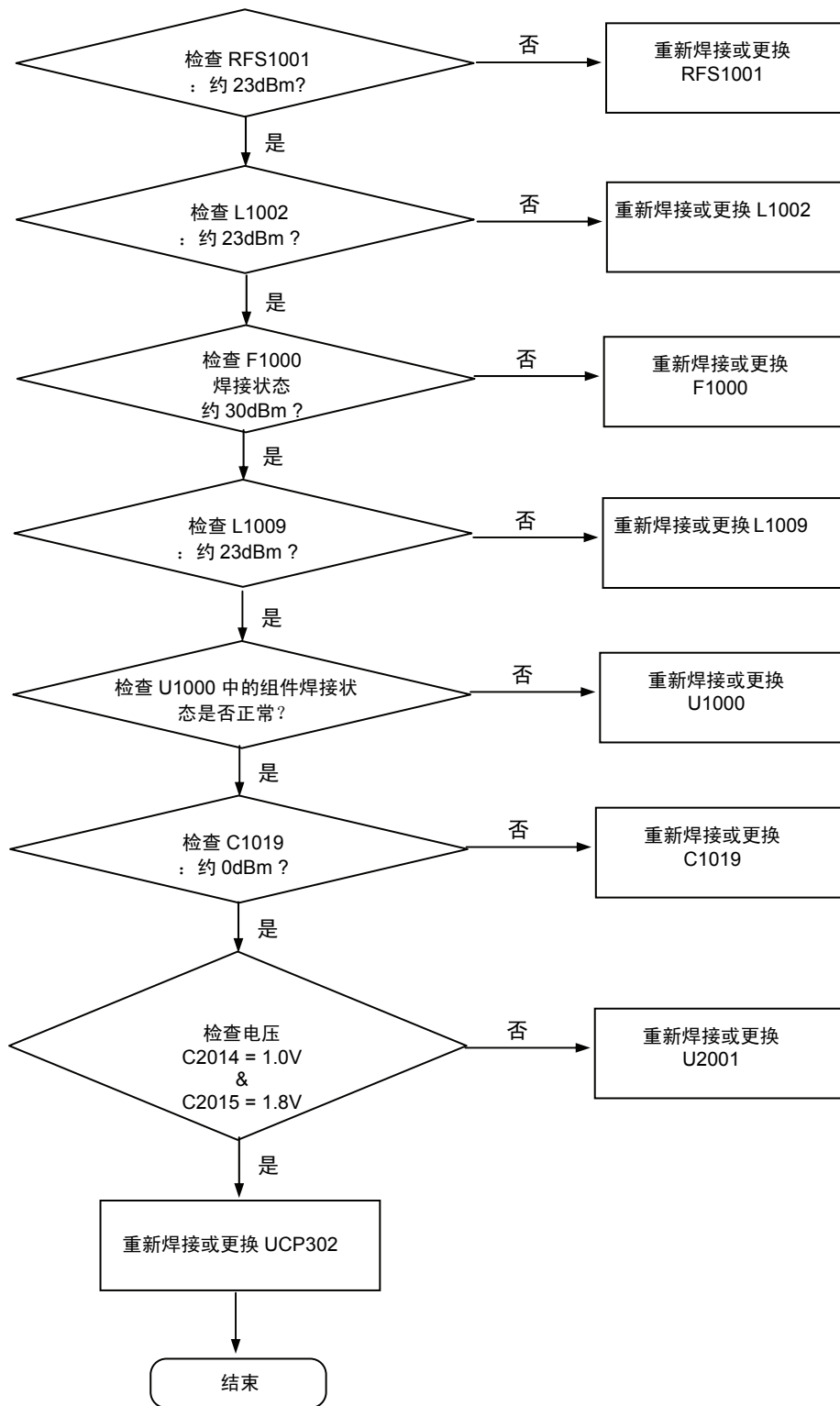
8-3-37. LTE 38 / 41 Rx

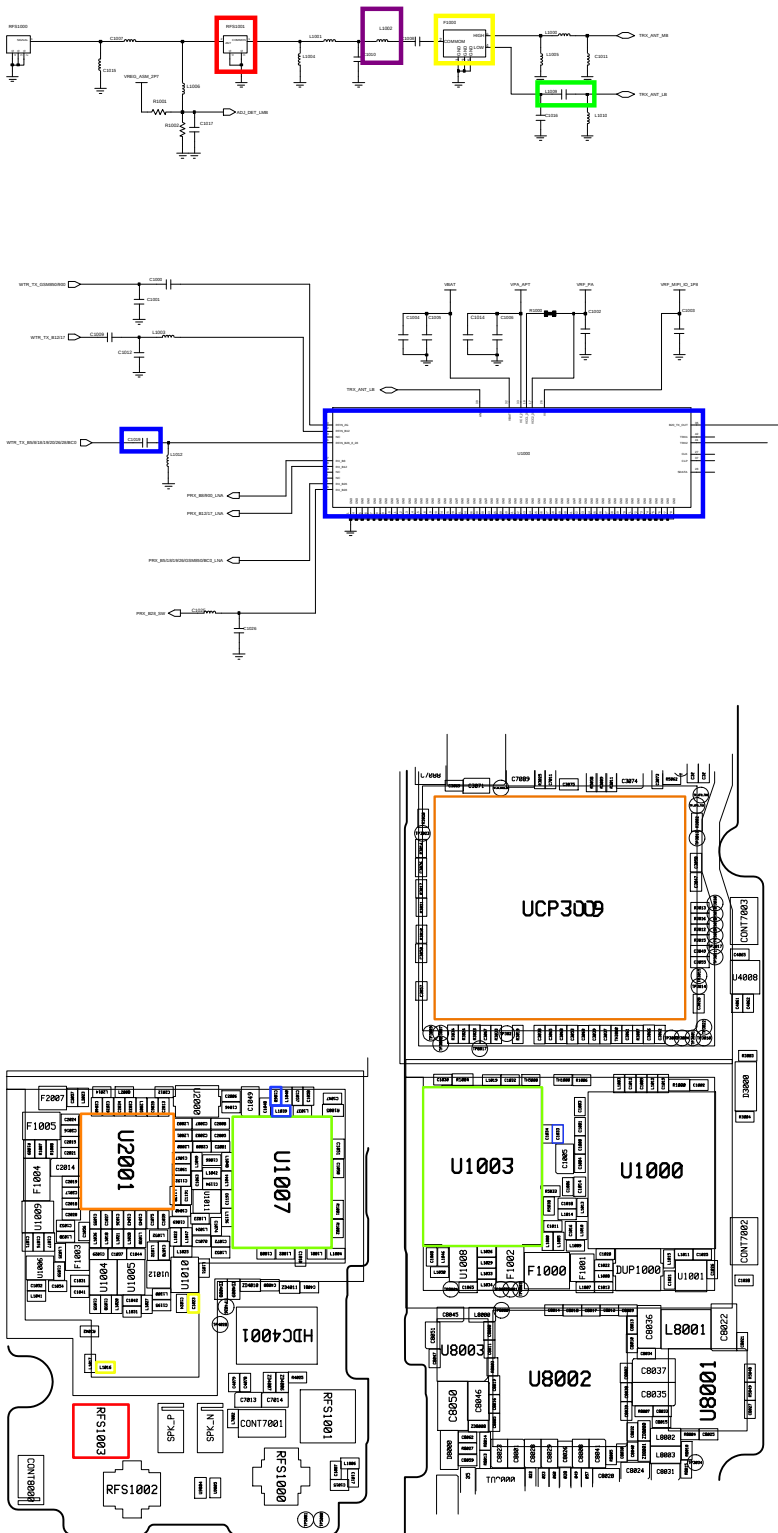




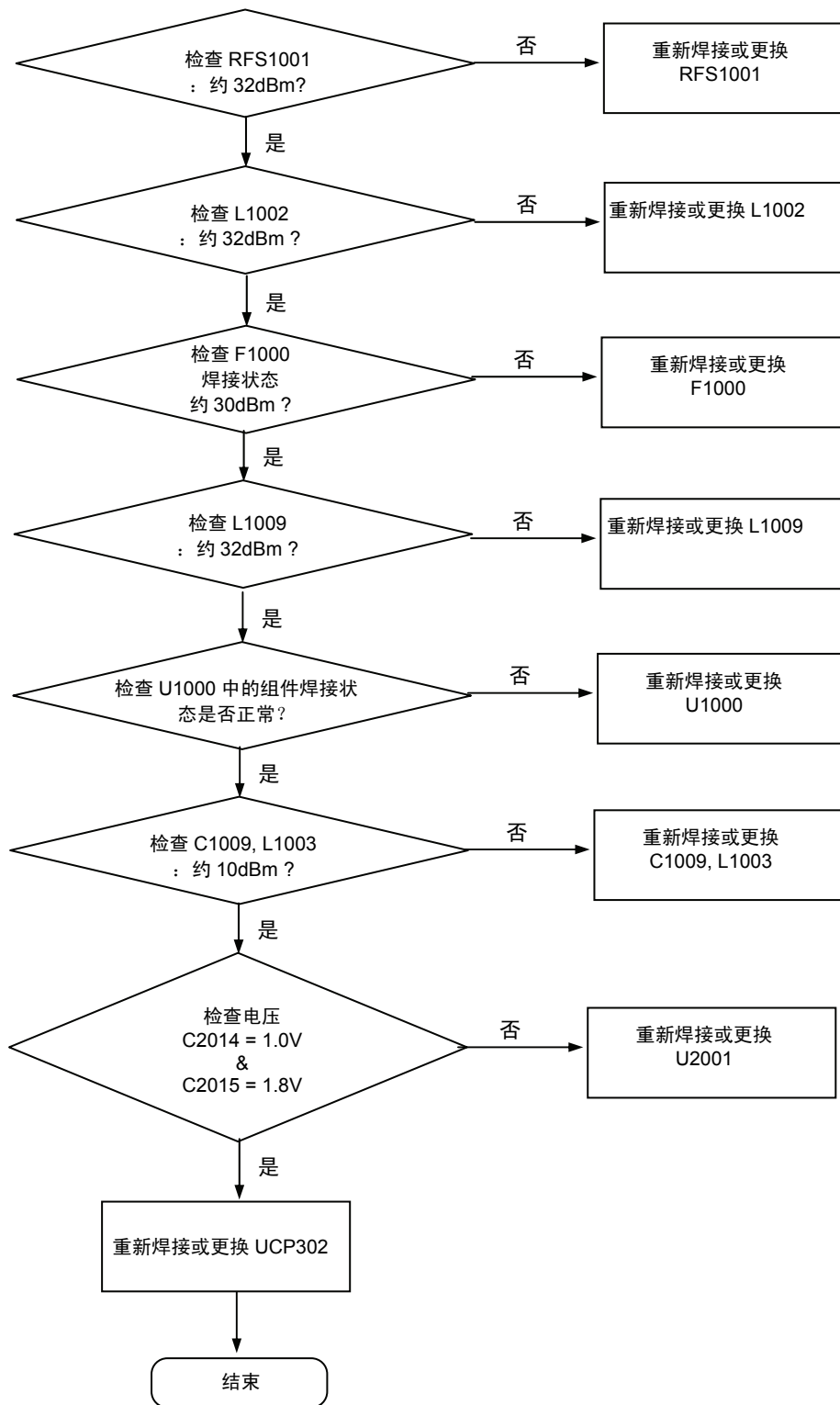


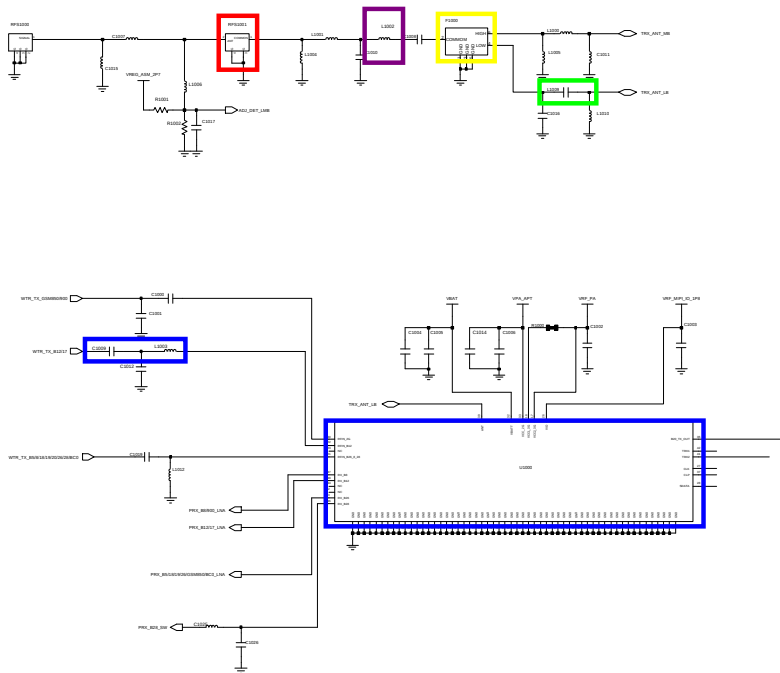
8-3-38. CDMA BC0 / WCDMA 5, 8 / LTE 5/8/18/19/20/26/28 TX

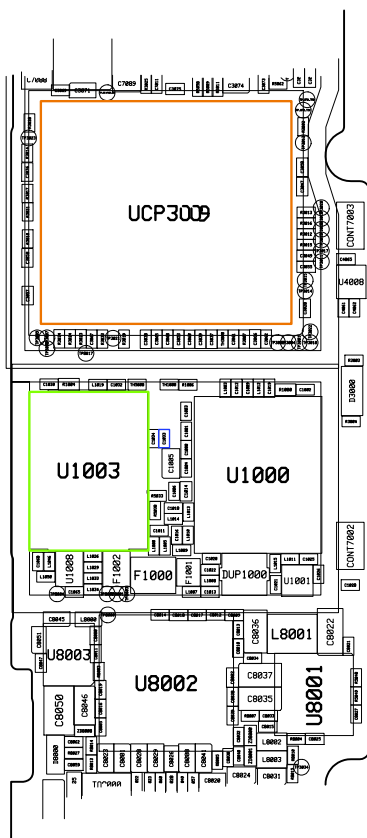


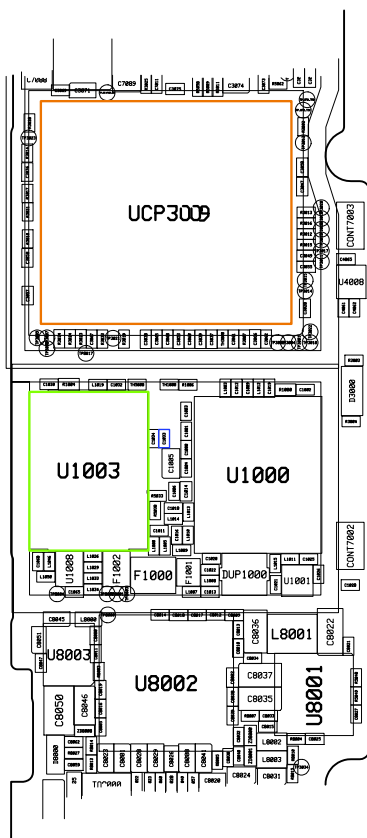


8-3-39. LTE 12/17 TX

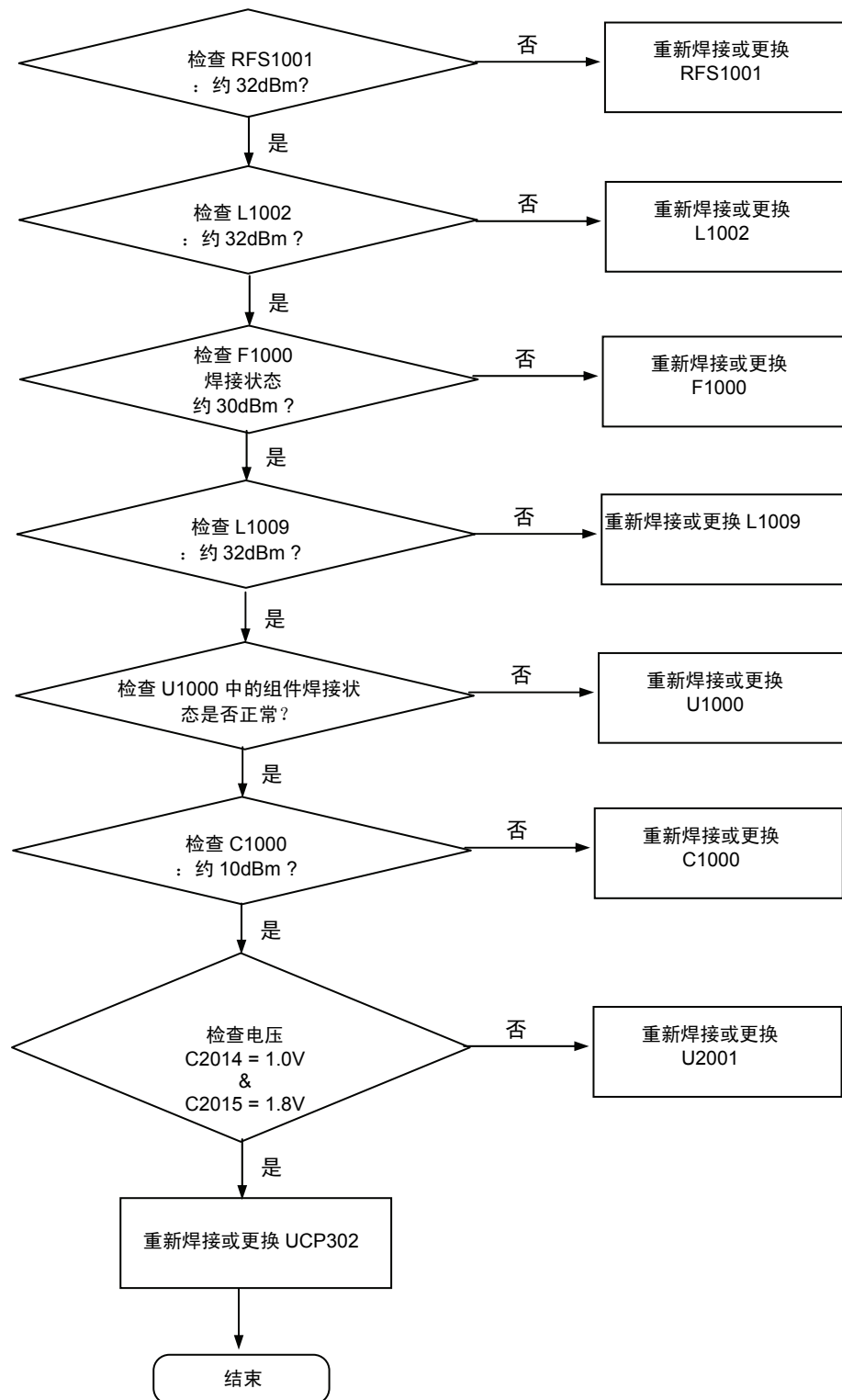


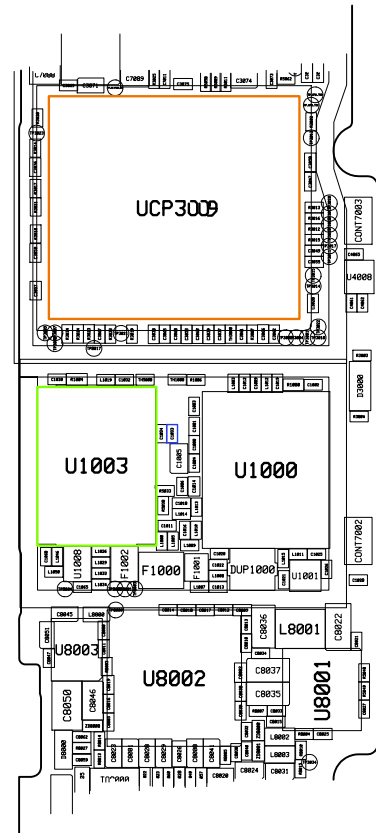


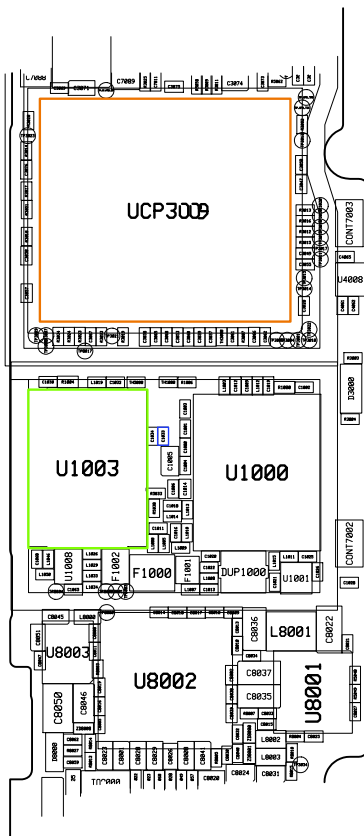
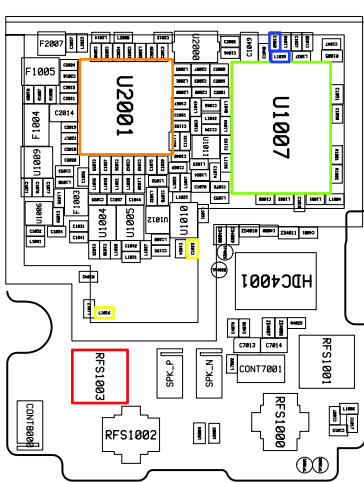




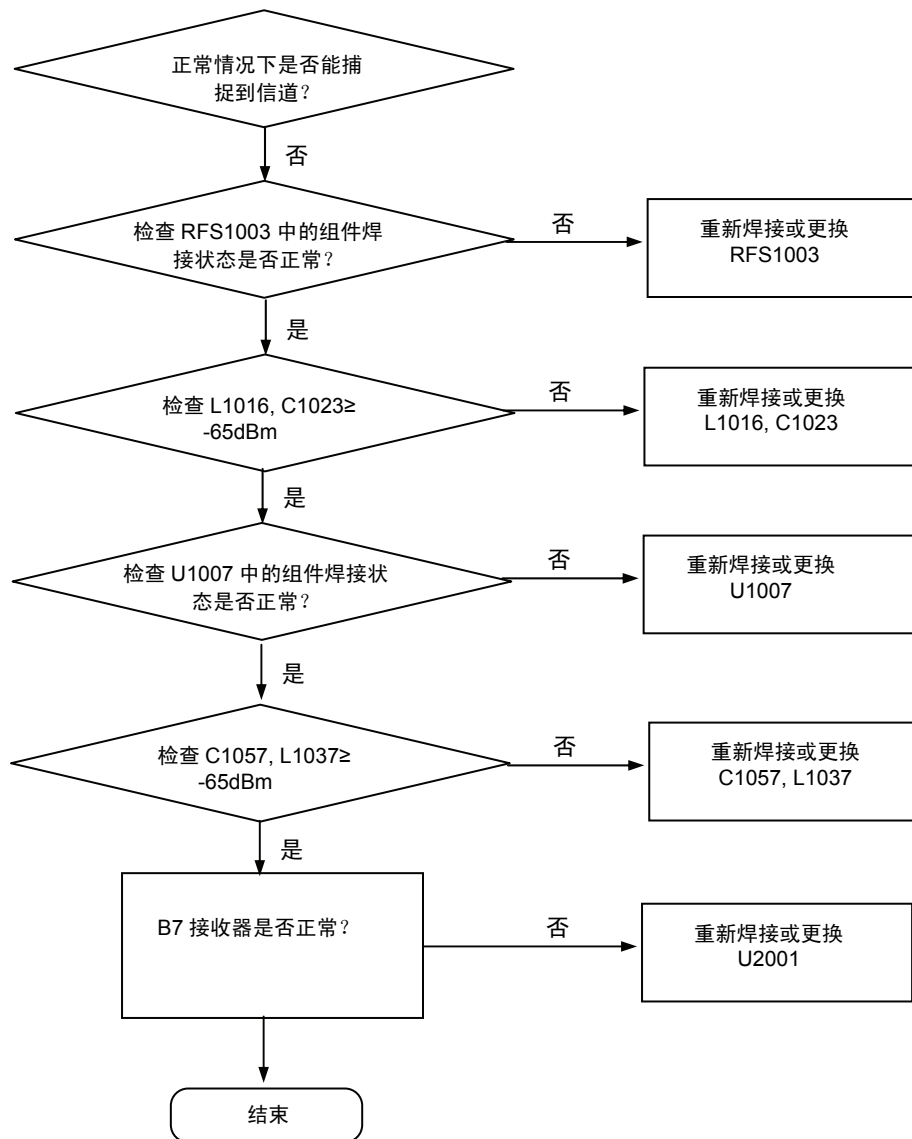
8-3-40. GSM850, 900 TX

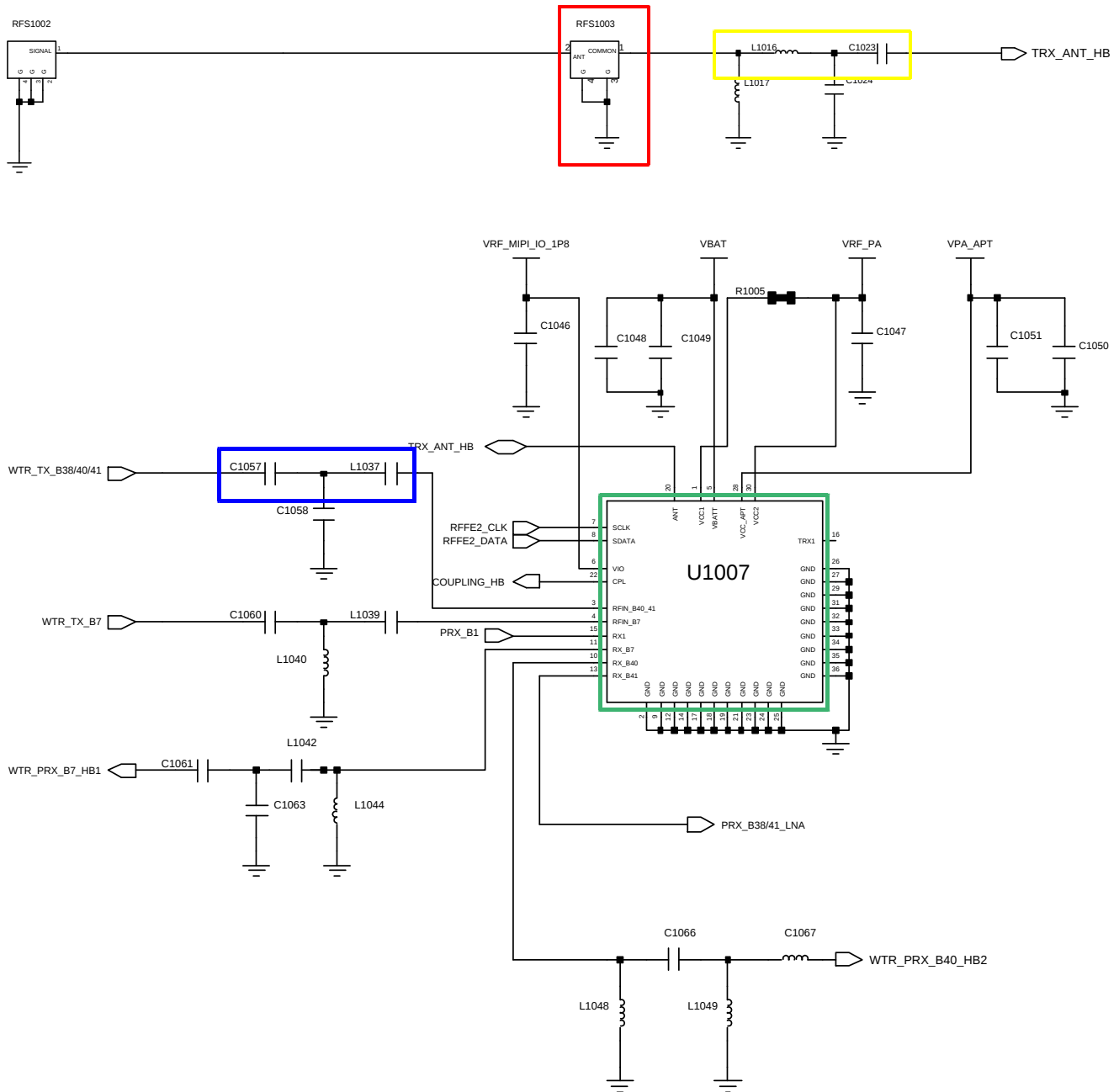


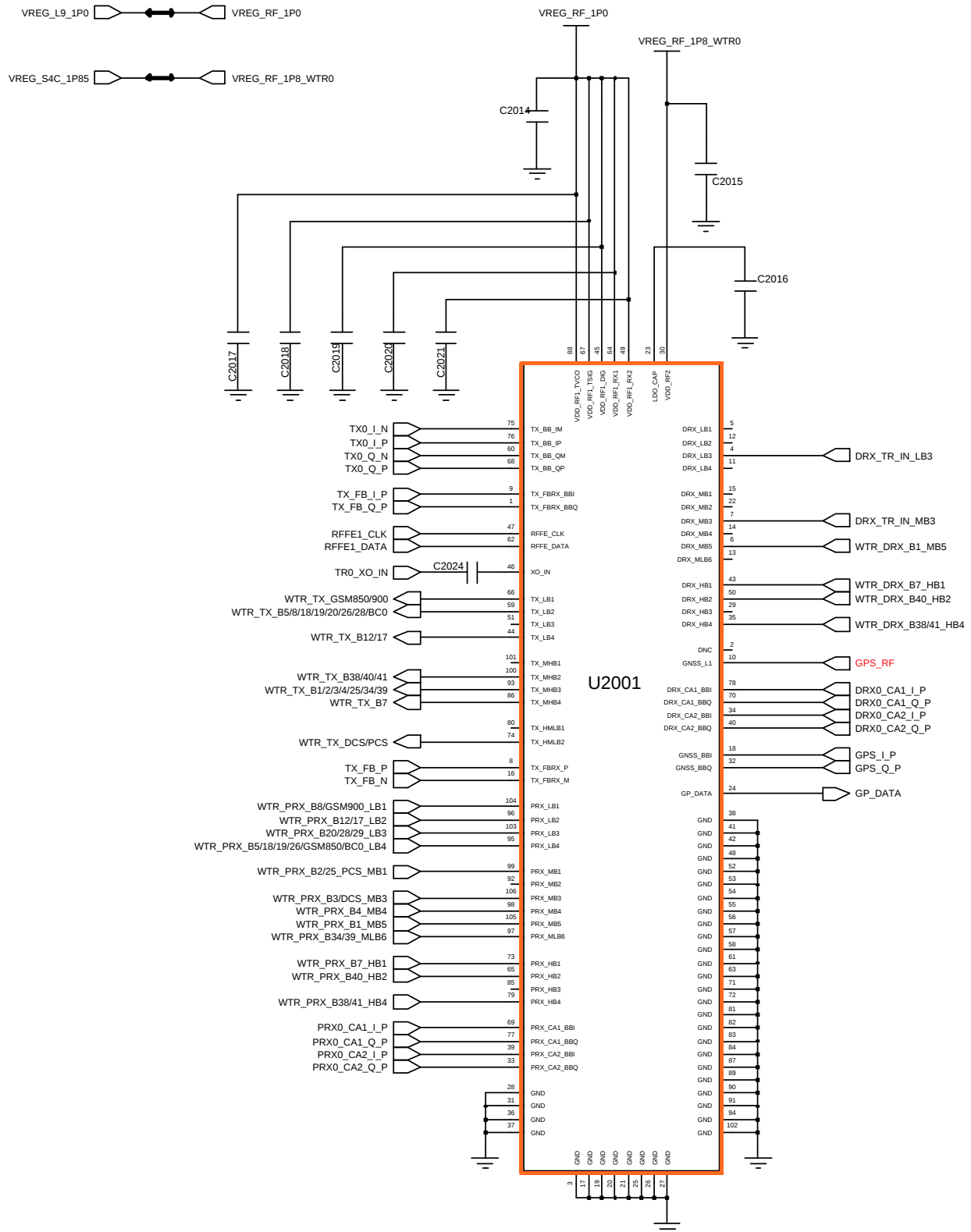


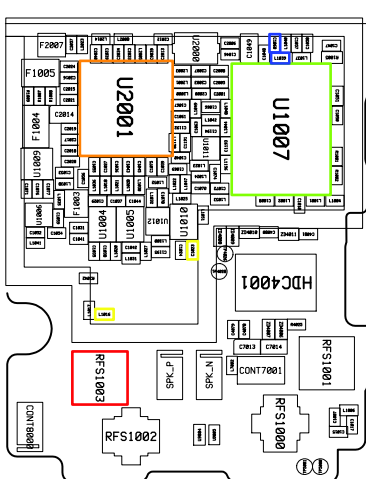
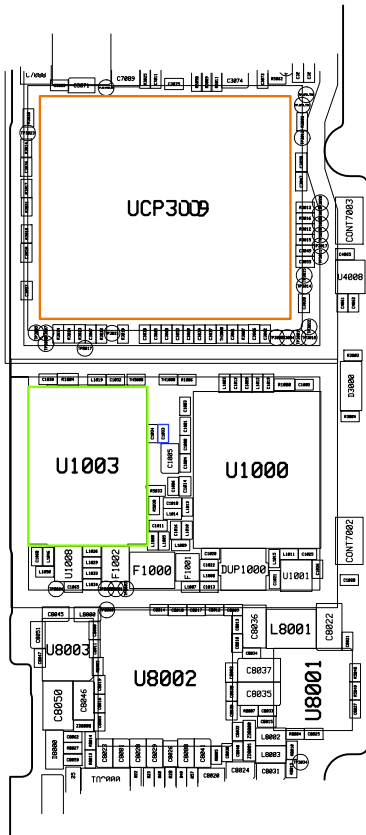


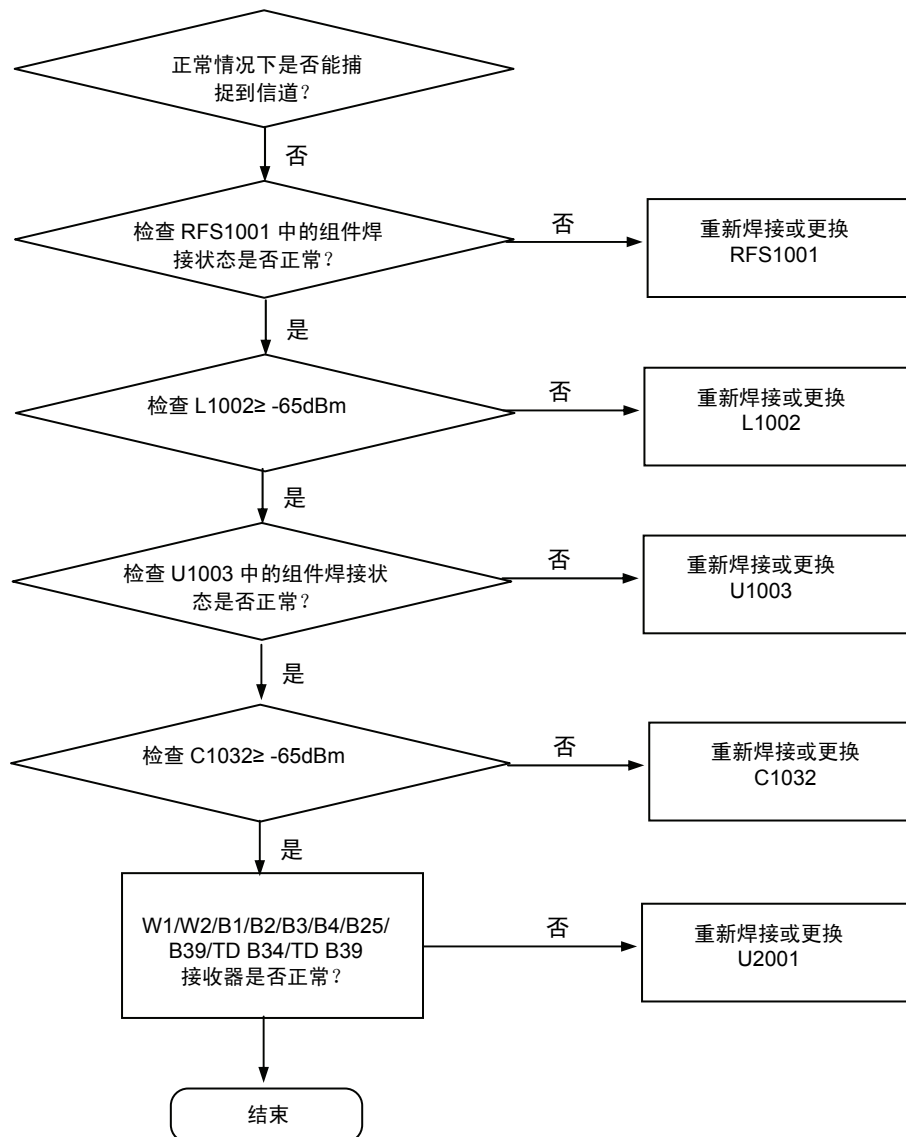
8-3-41. LTE 38 / 40 / 41 TX

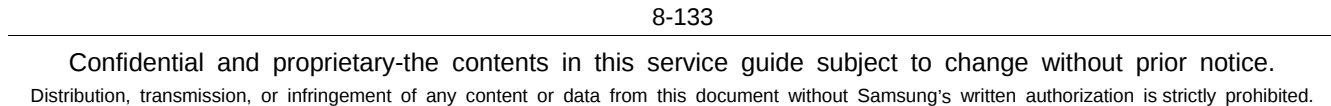


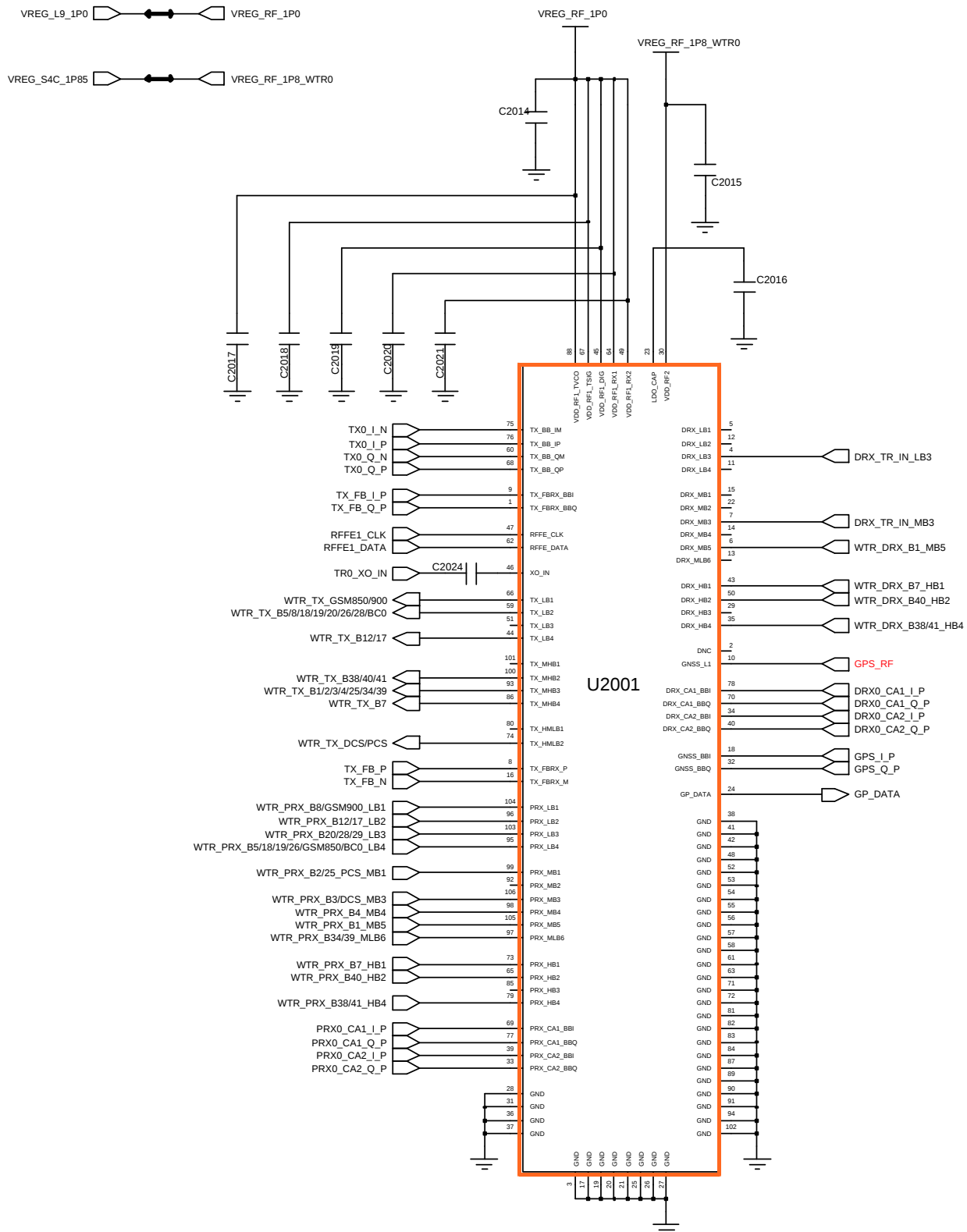


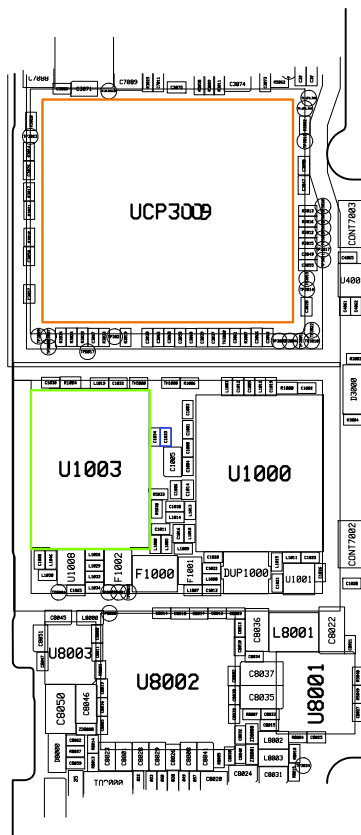
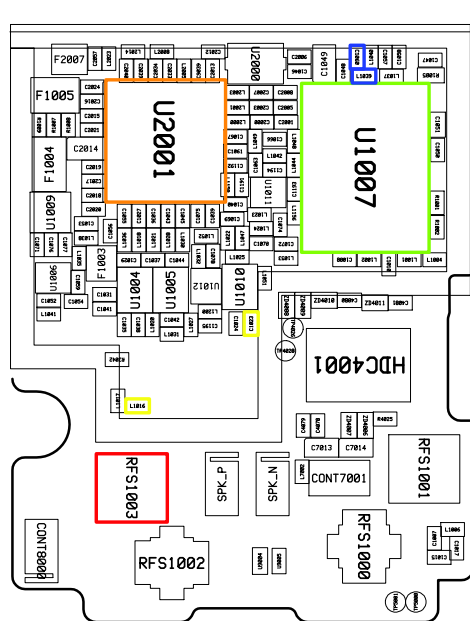




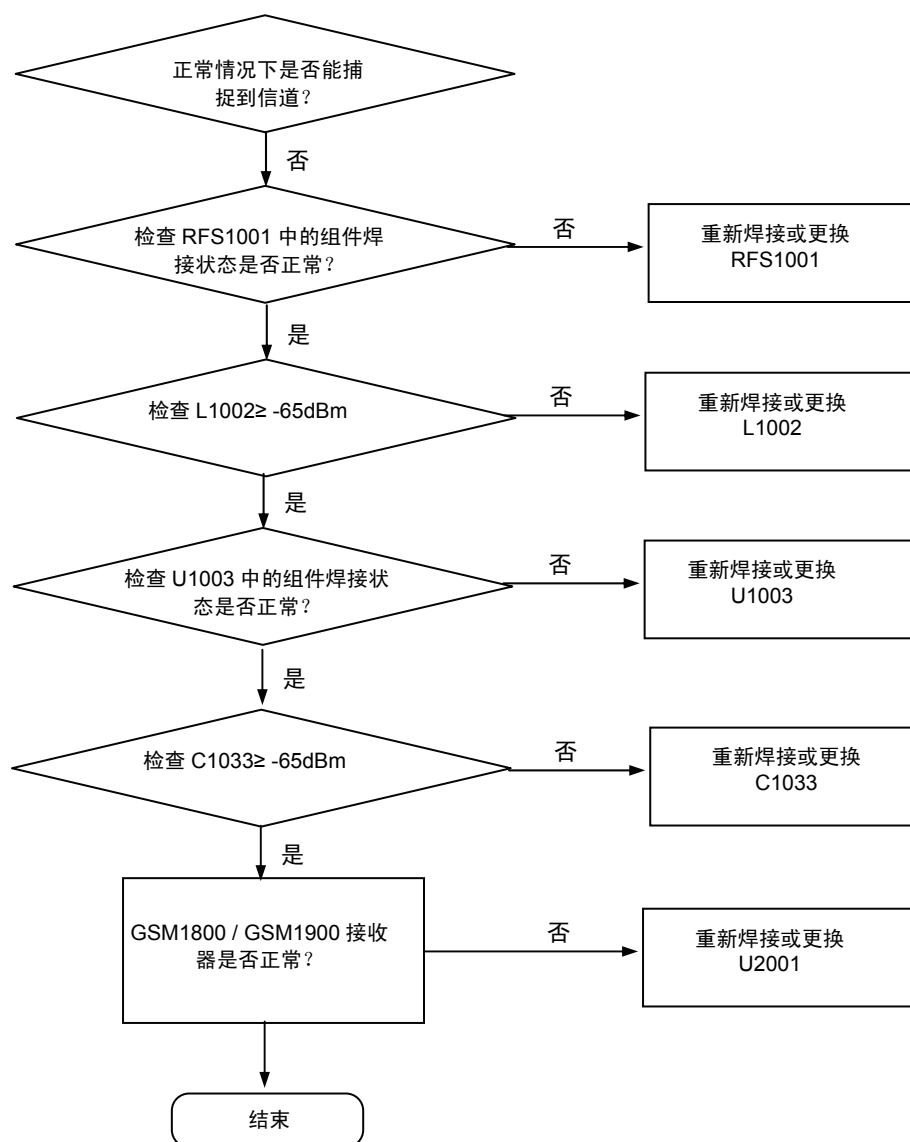
**8-3-42. W1 / W2 / LTE 1 / LTE 2 / LTE 3 / LTE 4 / LTE 25 / LTE 39
TD-SCDMA 34 / TD-SCDMA 39 TX**

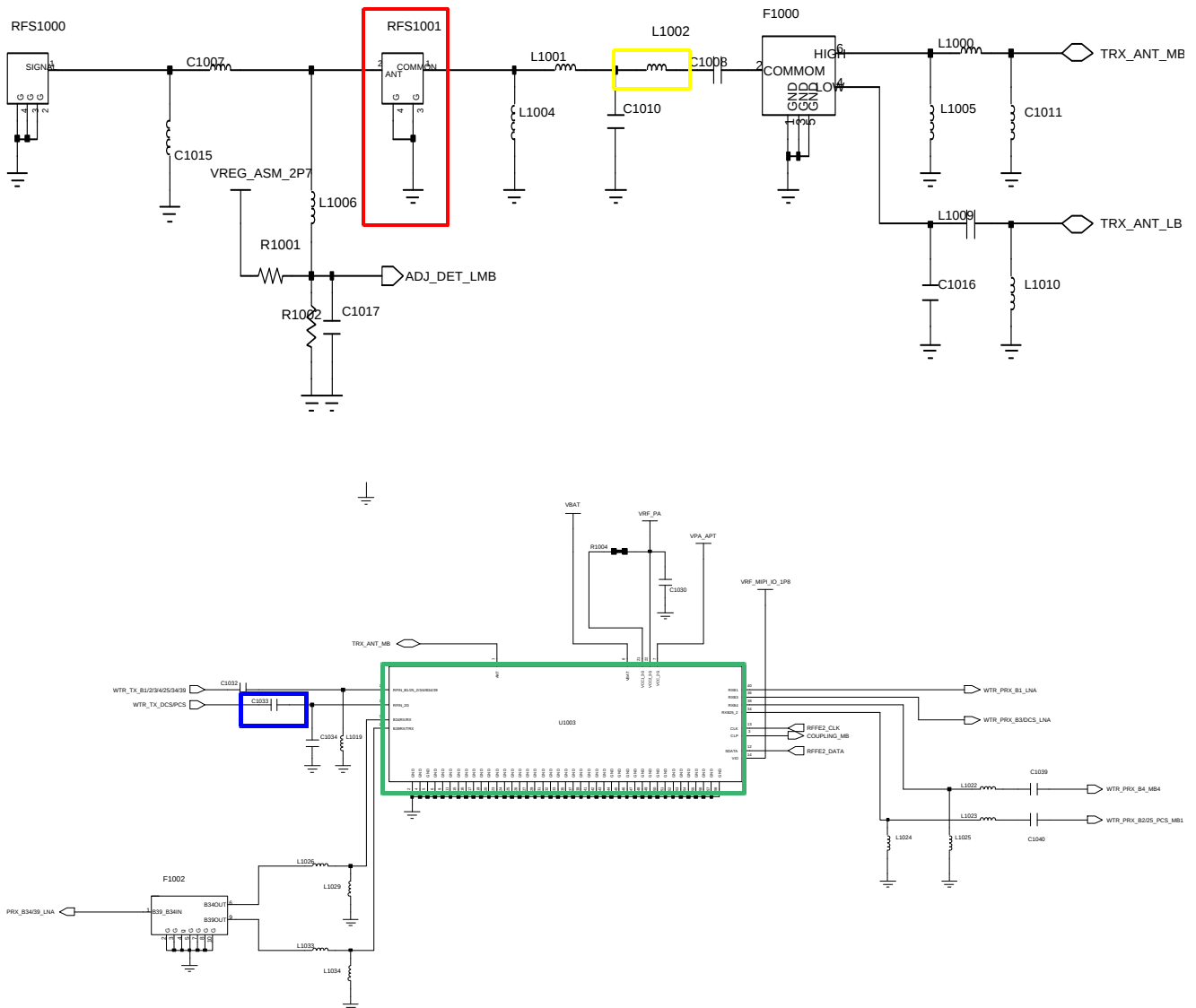


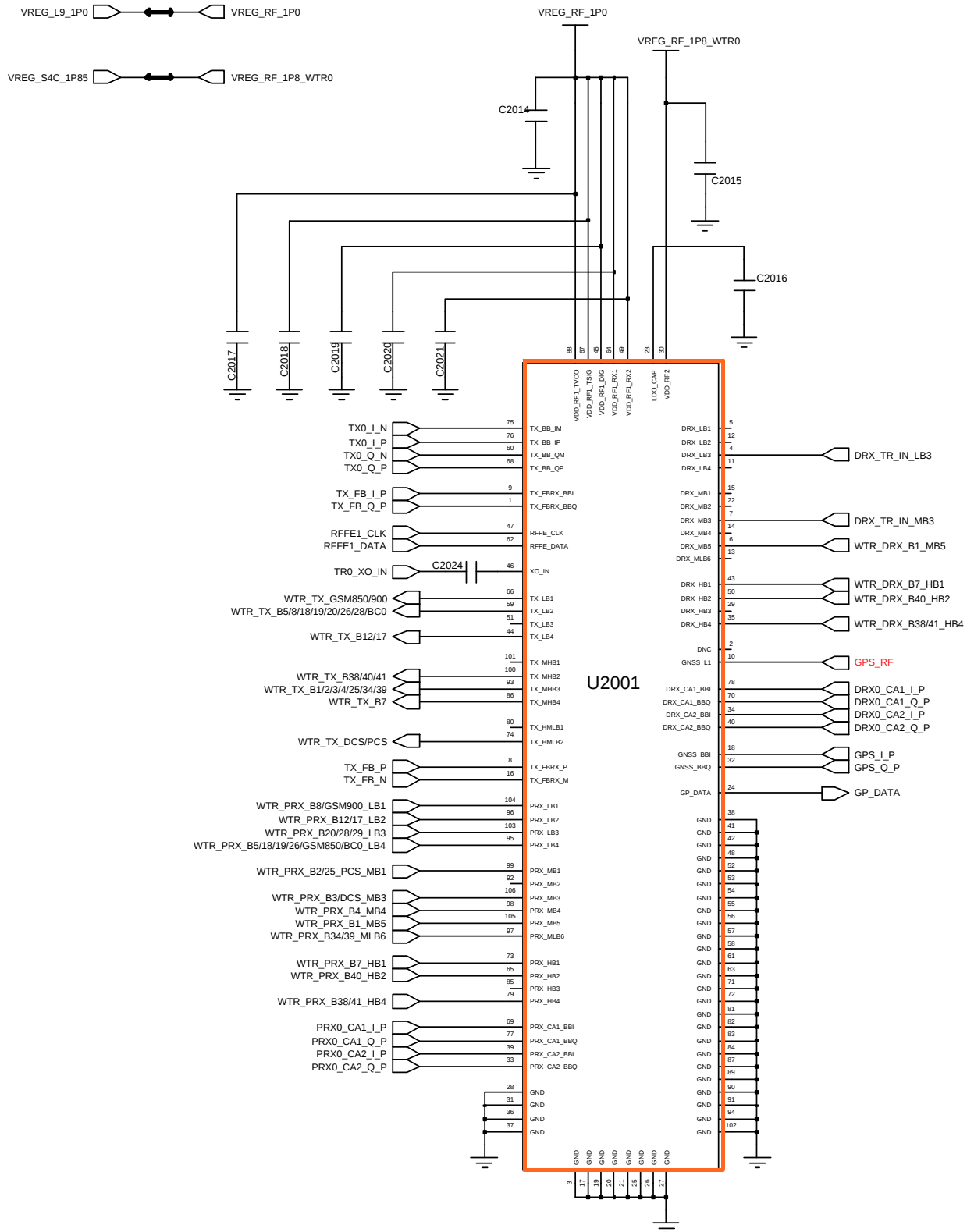


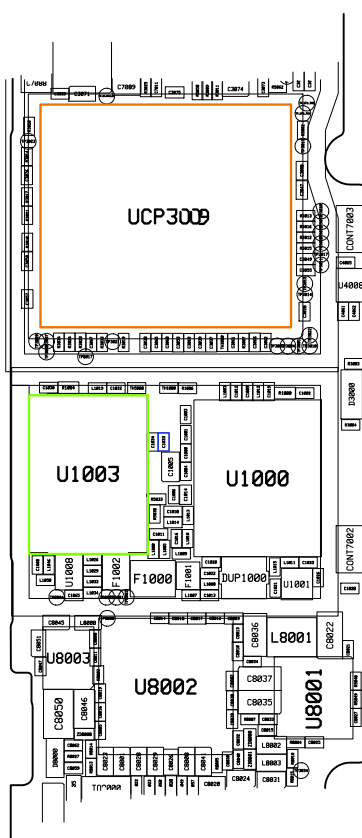
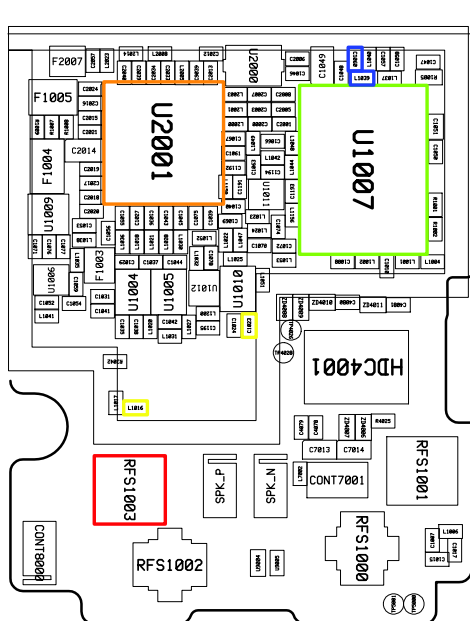


8-3-43. GSM1800 / GSM1900 TX



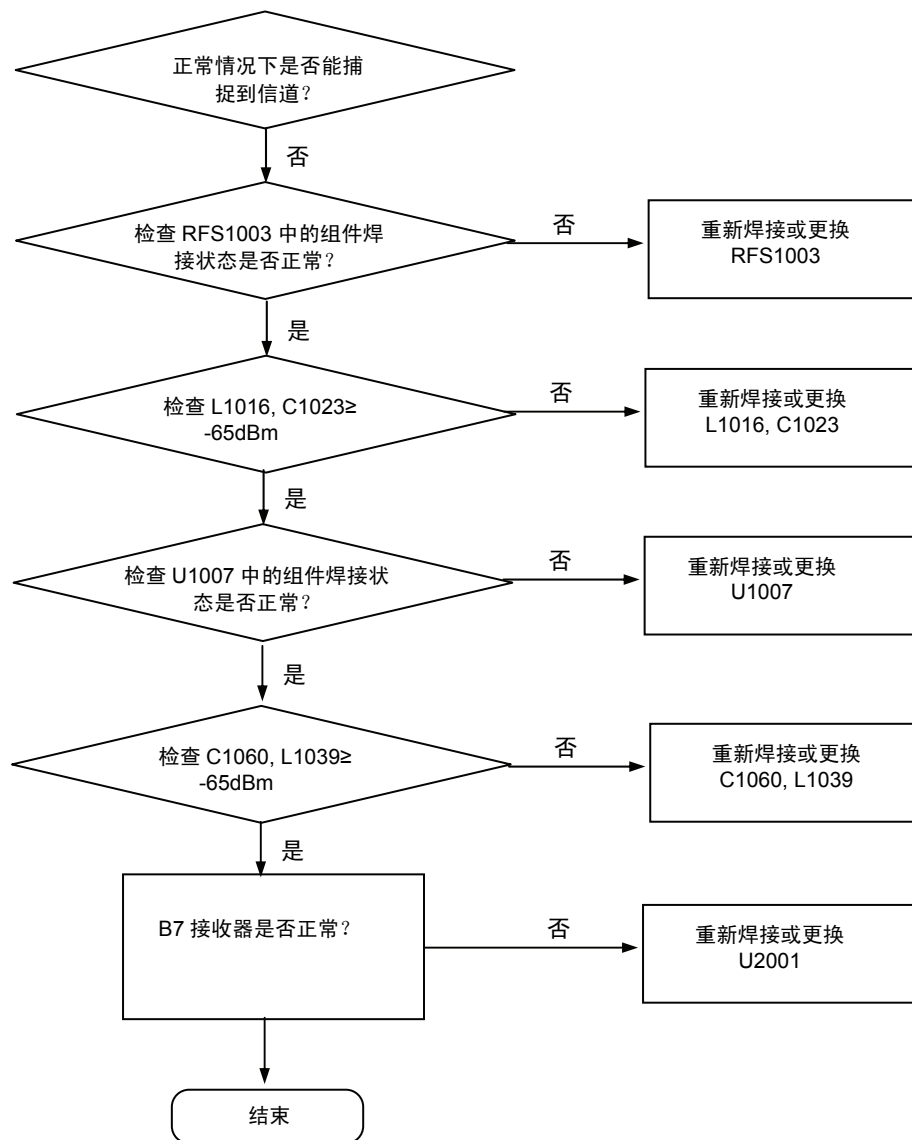


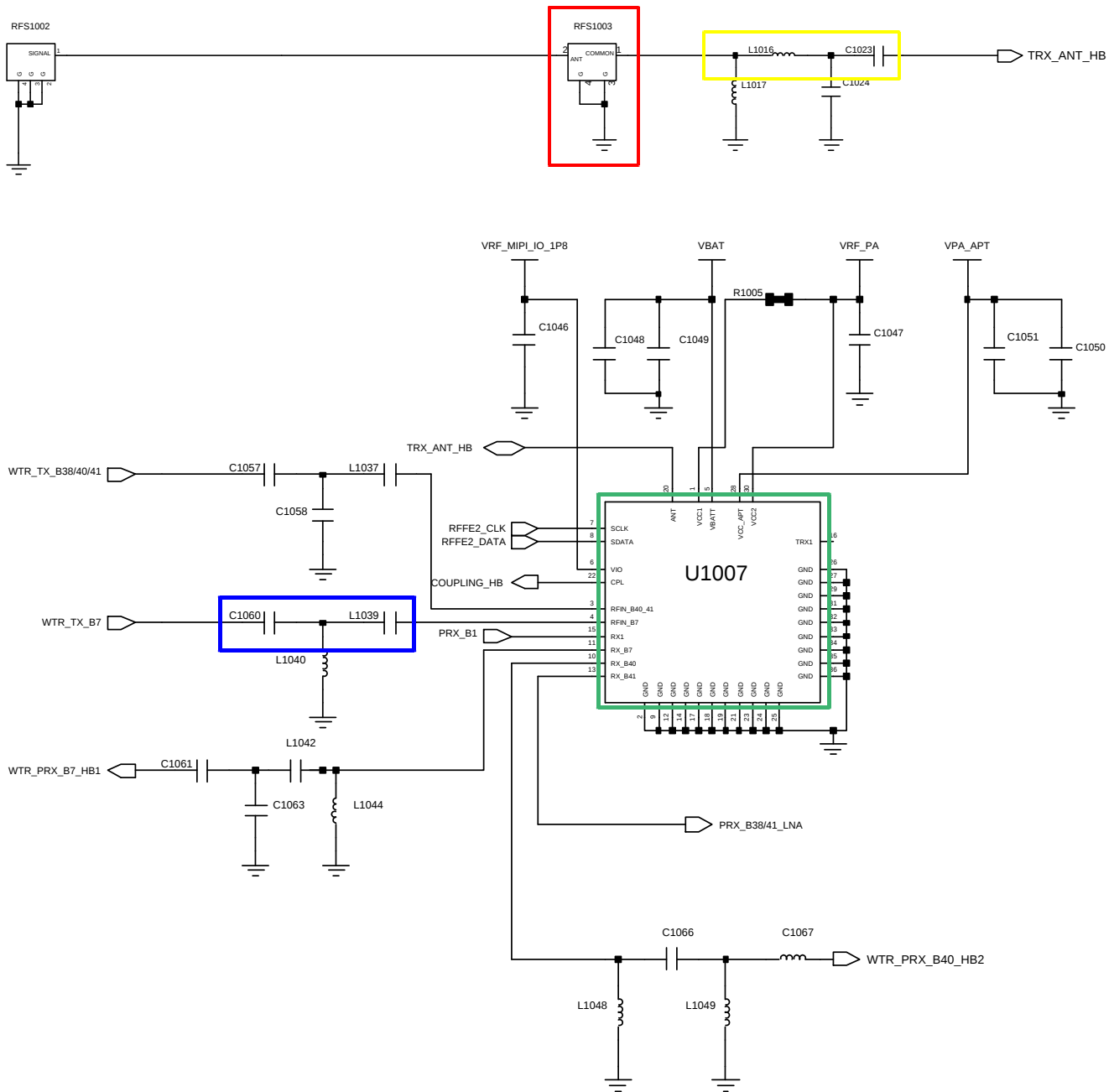


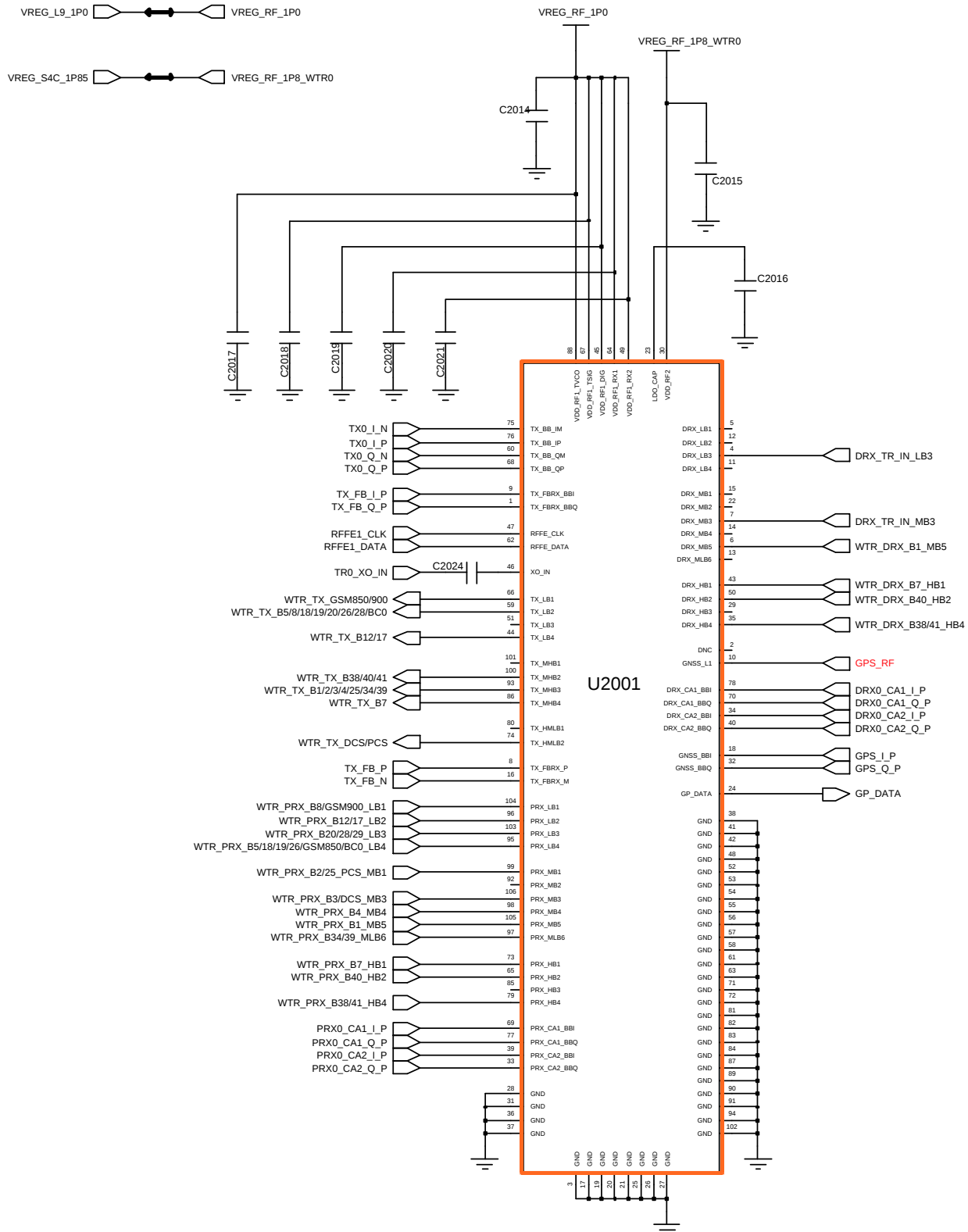


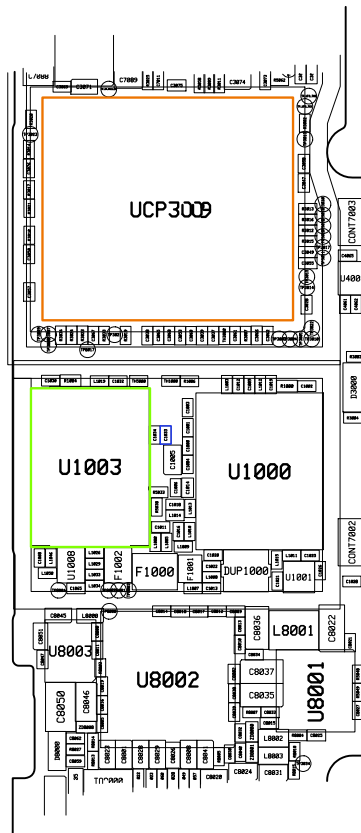
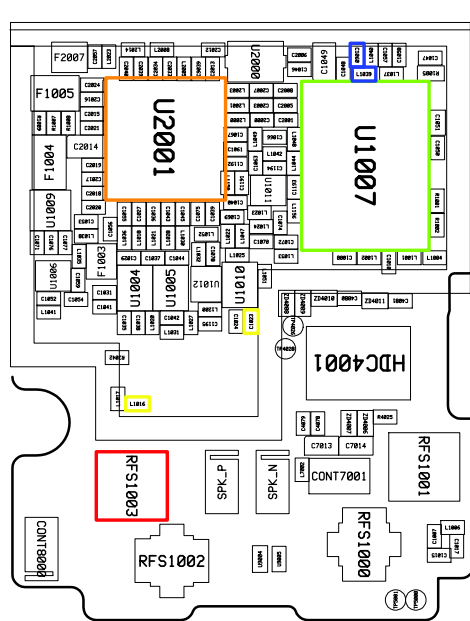
8-3-44. LTE 7 TX

RF 输入连续 RX:
21100CH
AMP : -50dBm









-故障处（顶部视图）

[illegible]

UCP3002

●: 故障

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
A																																			
B																																			
C																																			
D																																			
E					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
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G					●																													●	
H					●																													●	
I					●																													●	
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K					●																													●	
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M					●																													●	
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Y					●								●		●		●		●		●		●		●									●	
AA					●								●		●		●		●		●		●		●									●	
AB					●								●		●		●		●		●		●		●									●	
AC					●								●		●		●		●		●		●		●									●	
AD					●								●		●		●		●		●		●		●									●	
AE					●																													●	
AF					●																													●	
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AN																																			
AP																																			
AR																																			
AT																																			

UCP5000