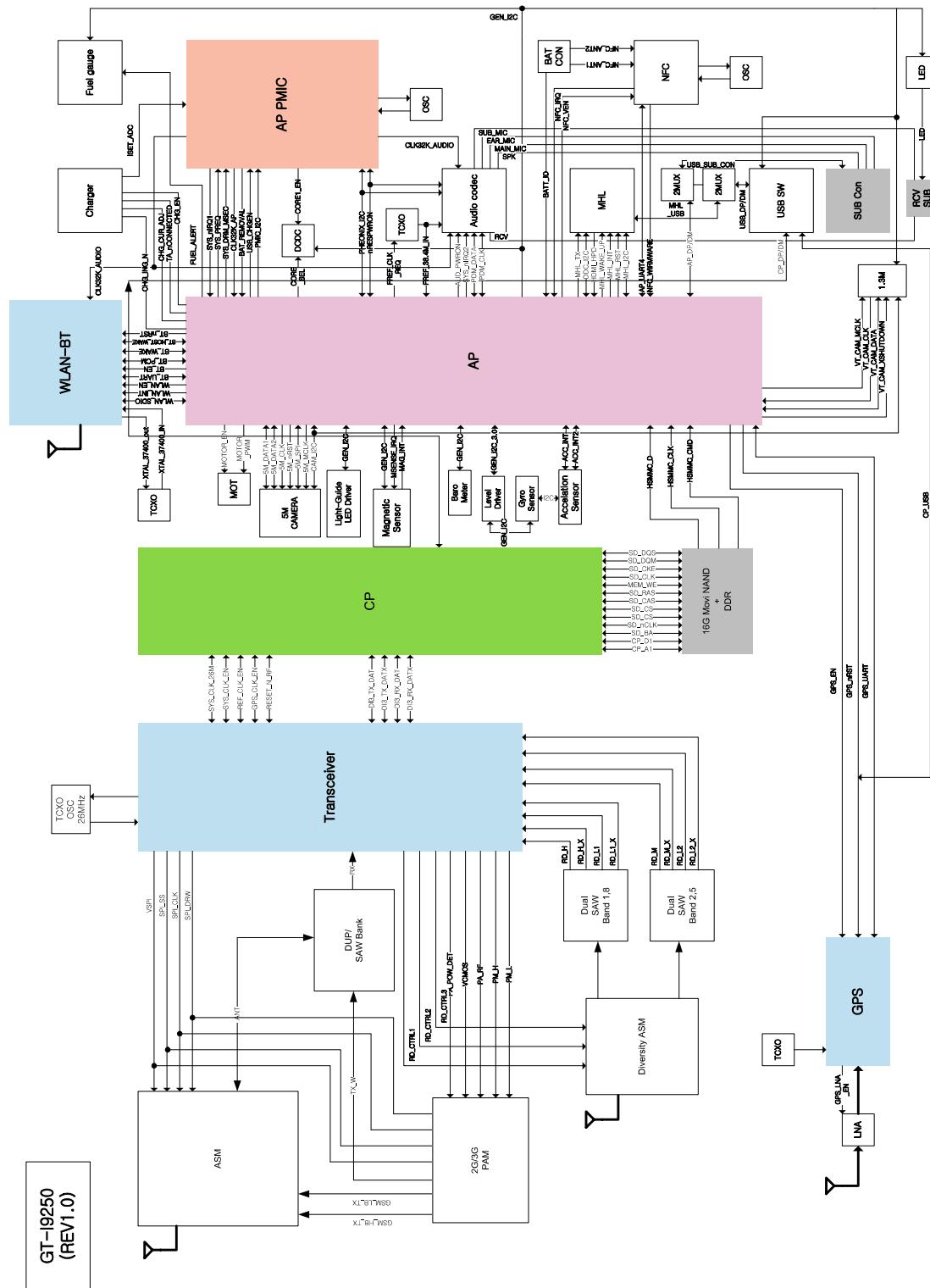


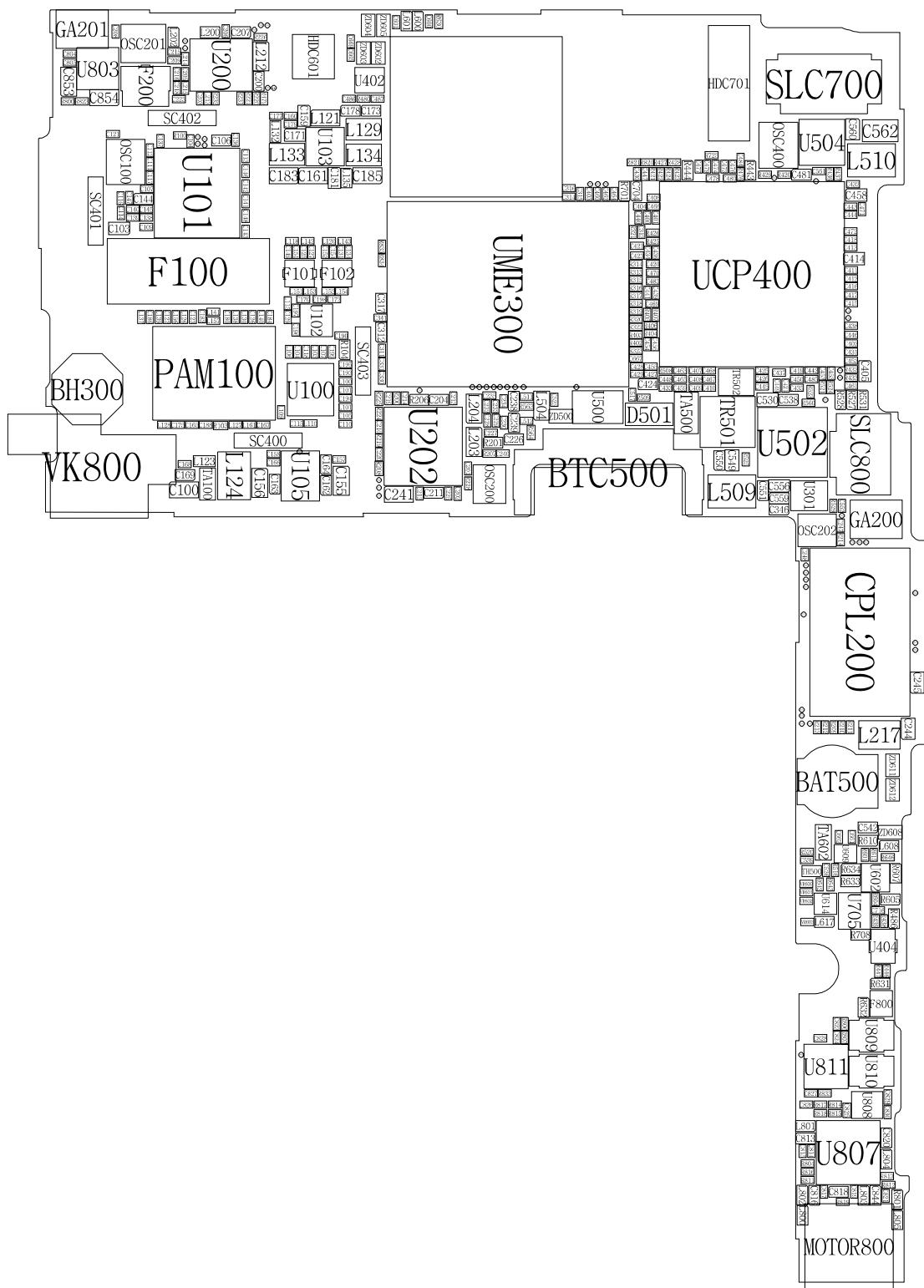
8. Level 3 Repair

8-1. Block Diagram

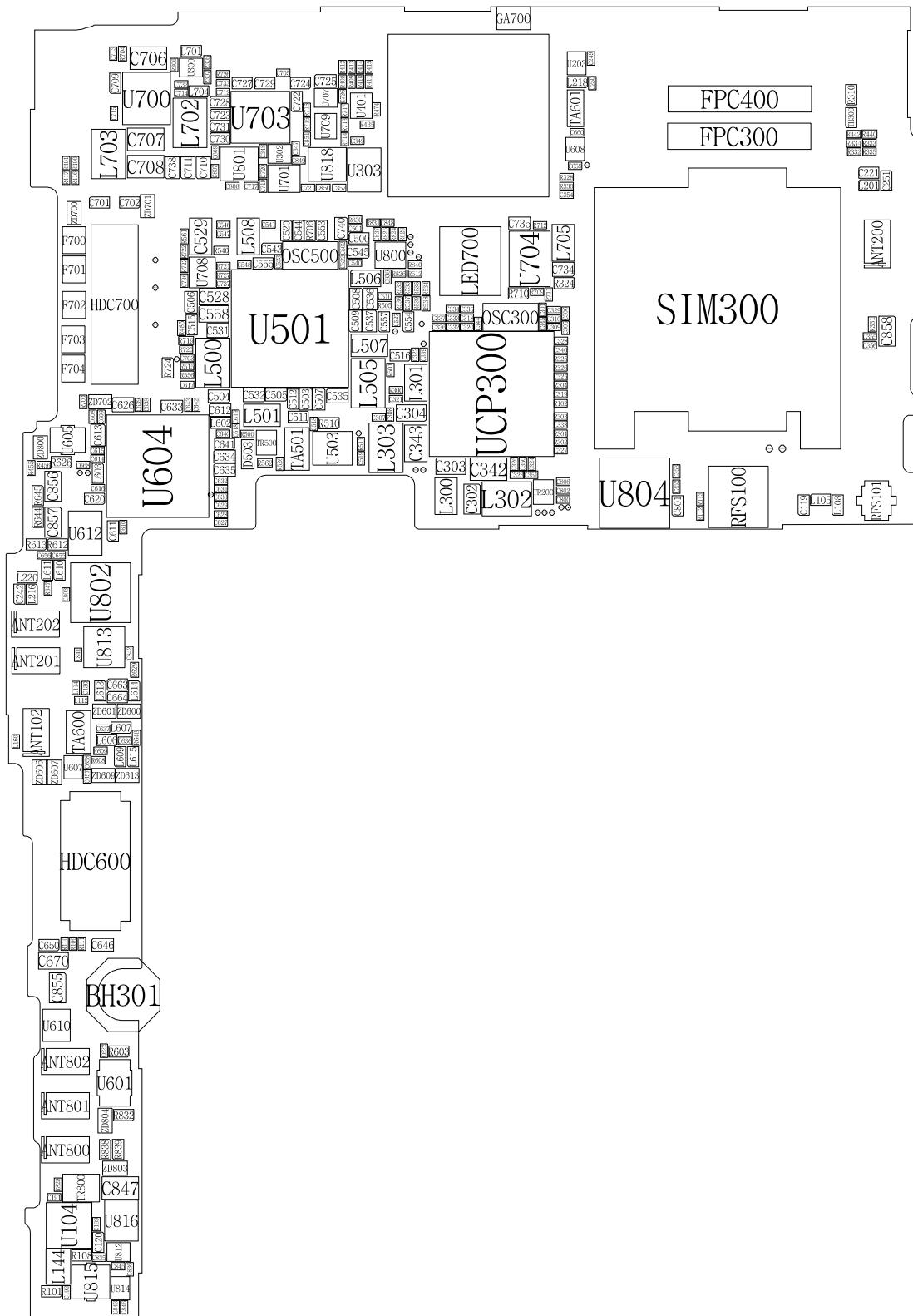


8-2. PCB Diagrams

8-2-1. Top

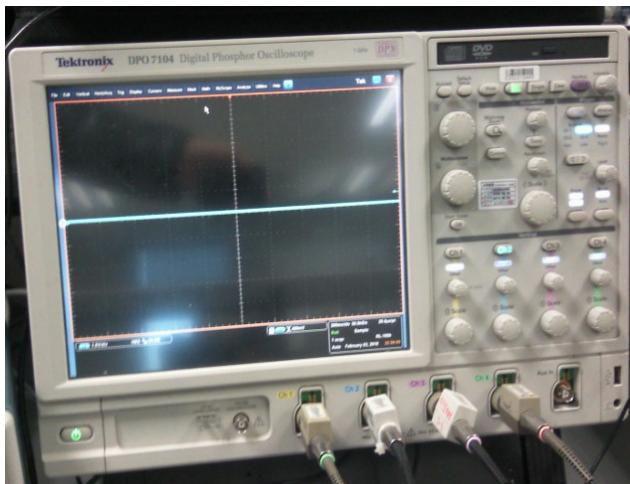


8-2-2. Bottom



8-3. Flow Chart of Troubleshooting

Equipments



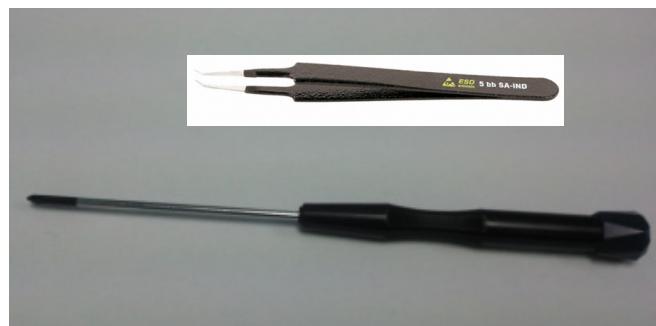
↑ Oscilloscope



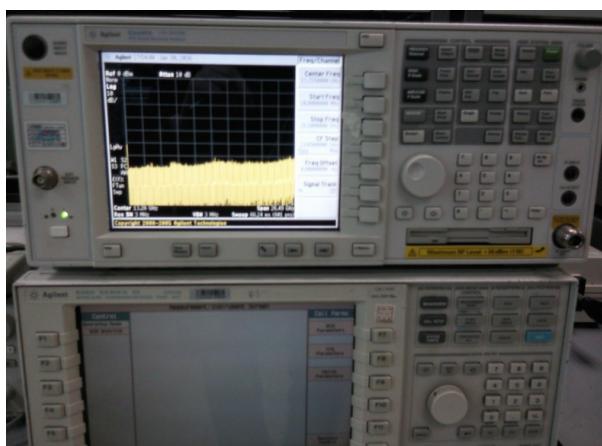
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer



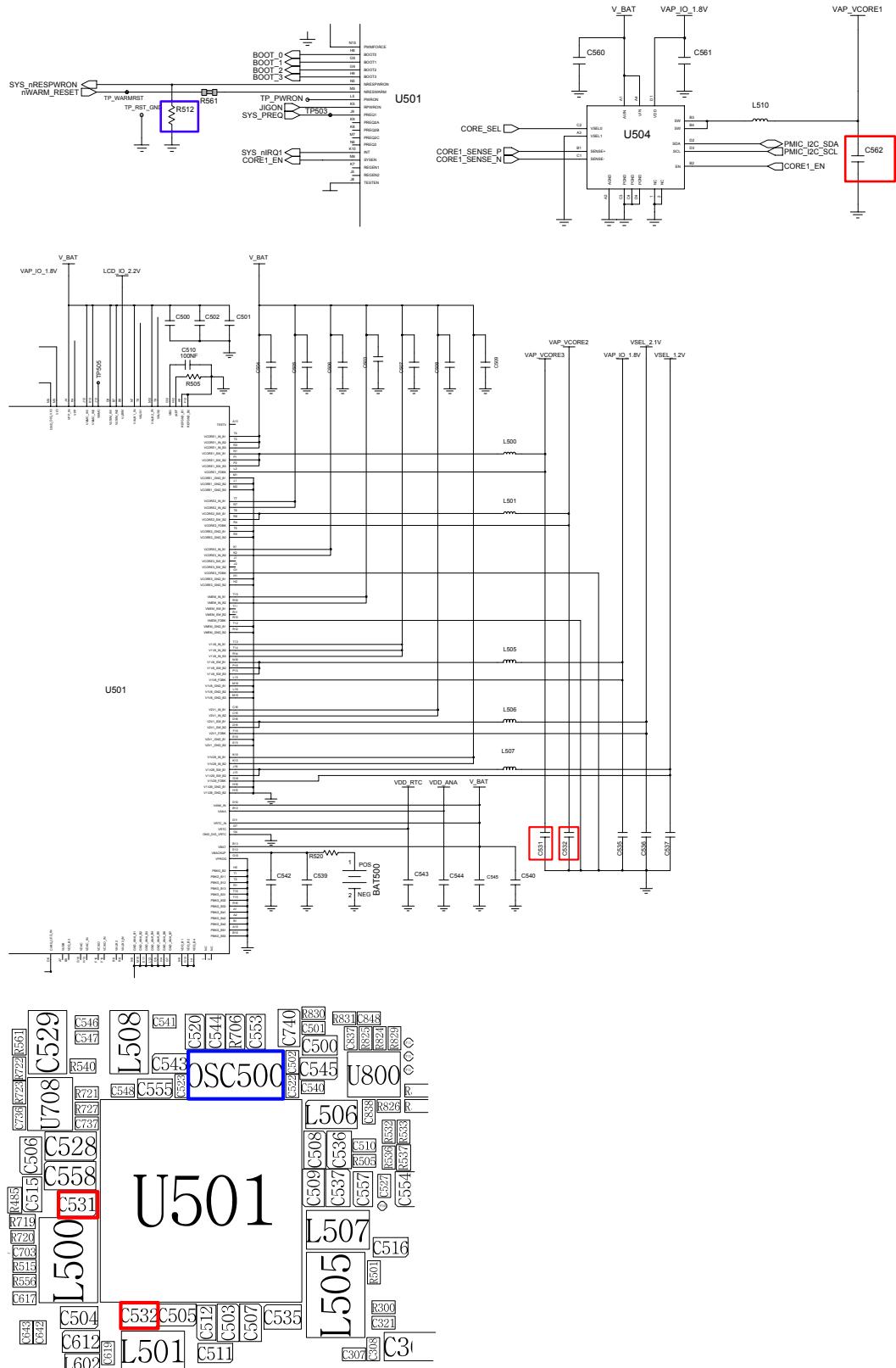
↑ 8960 & Spectrum Analyzer



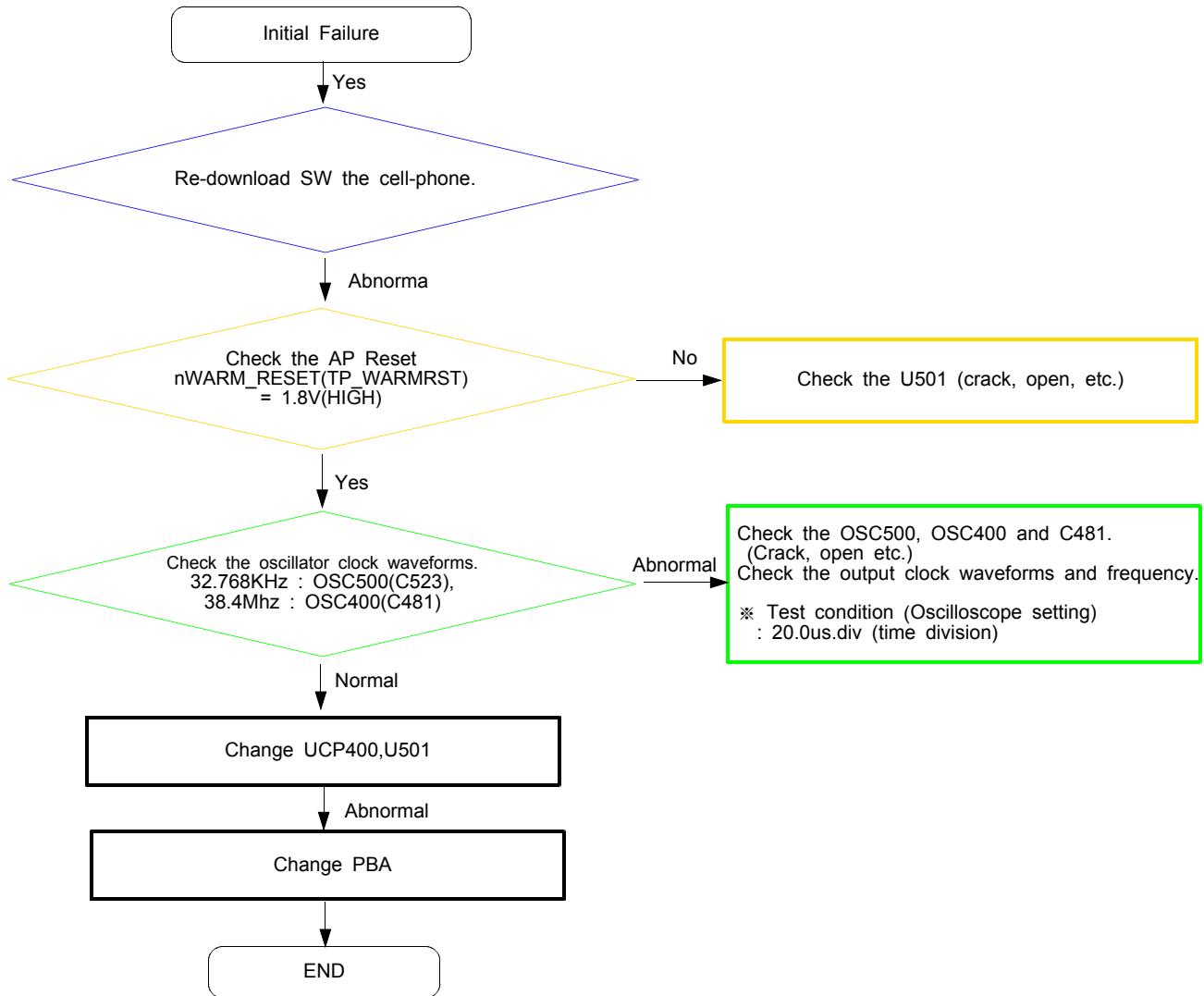
↑ Soldering iron

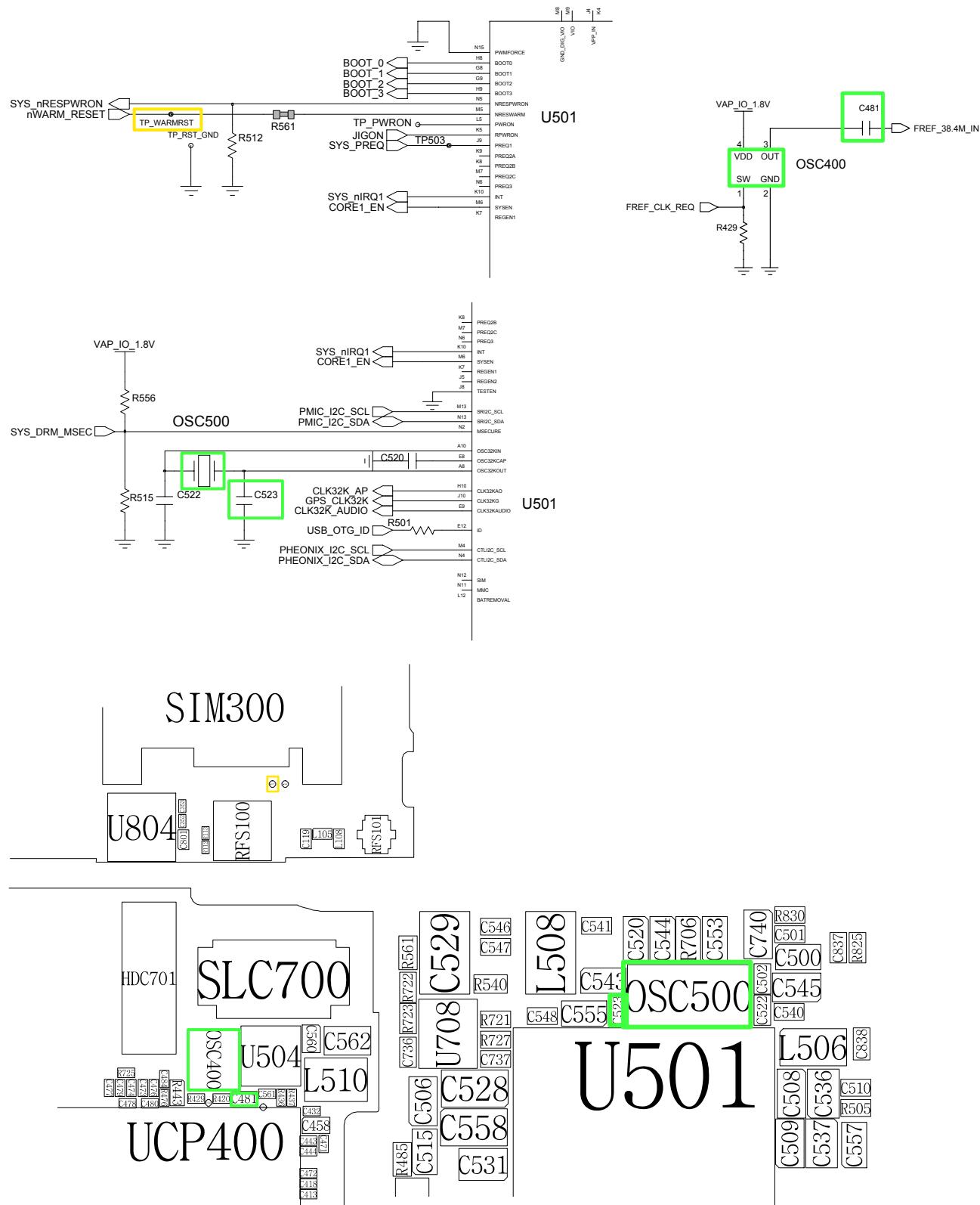
8-3-1. Power On



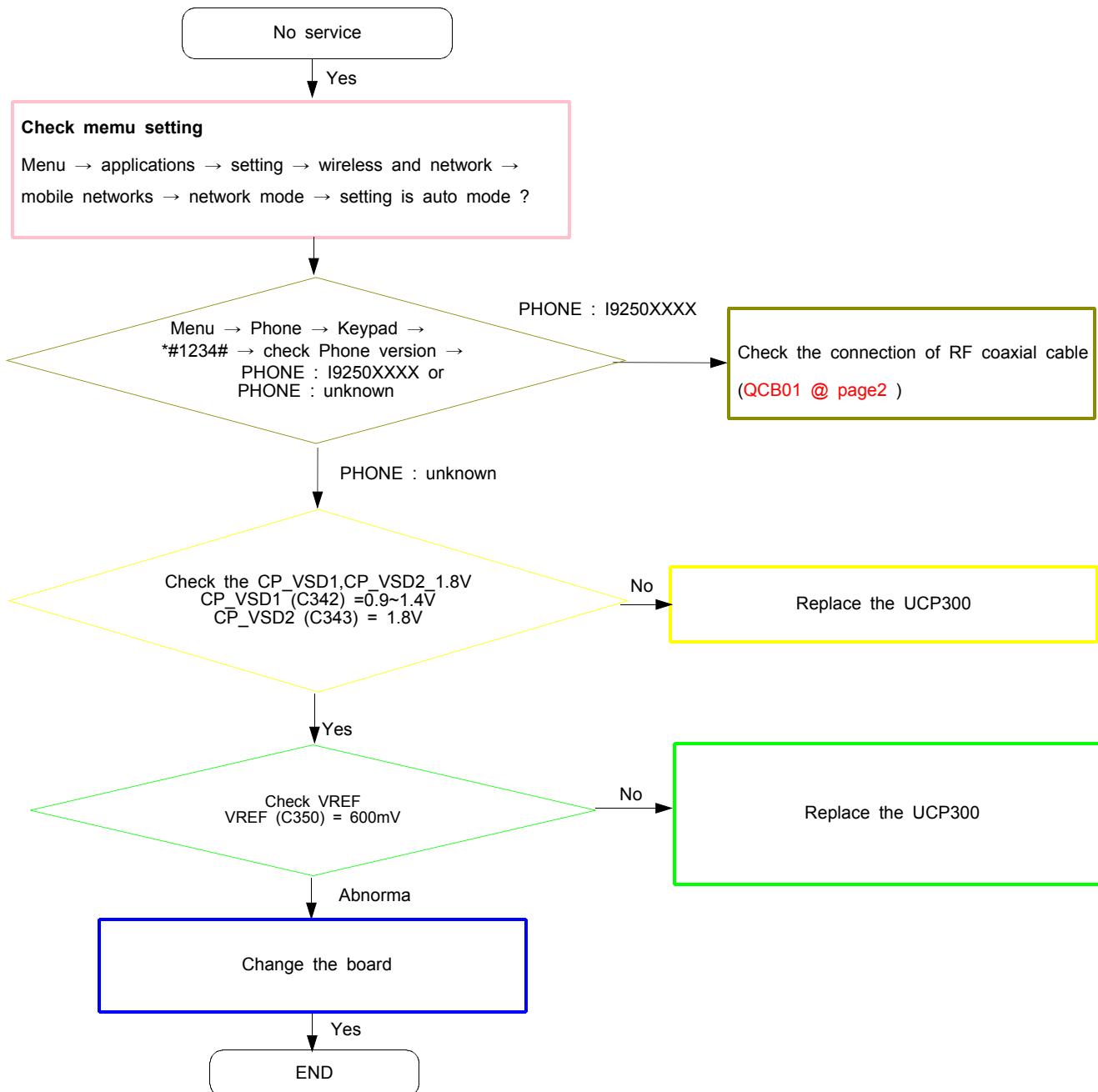


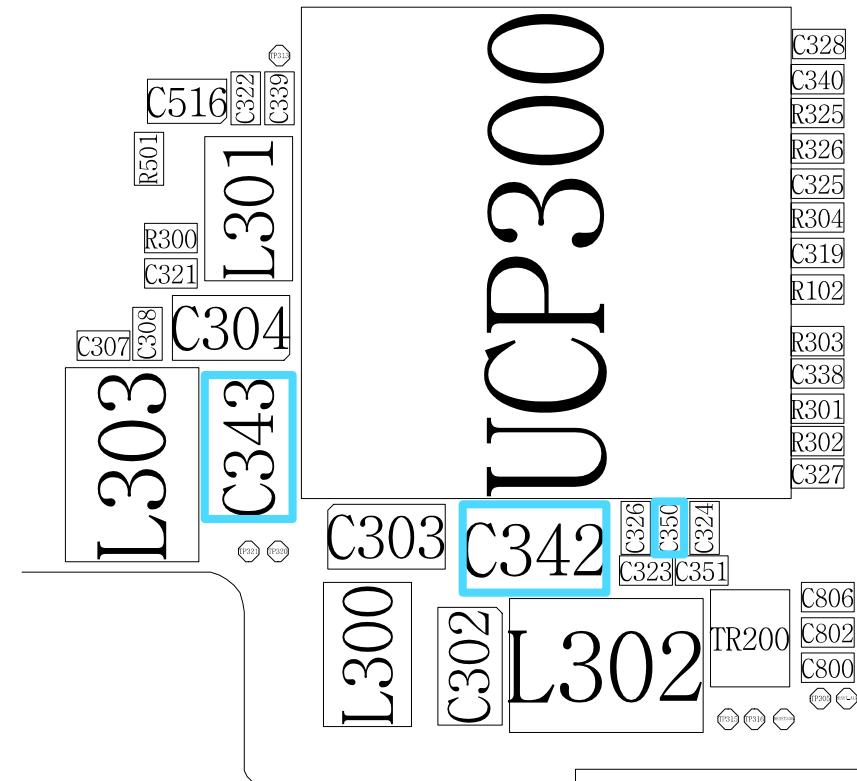
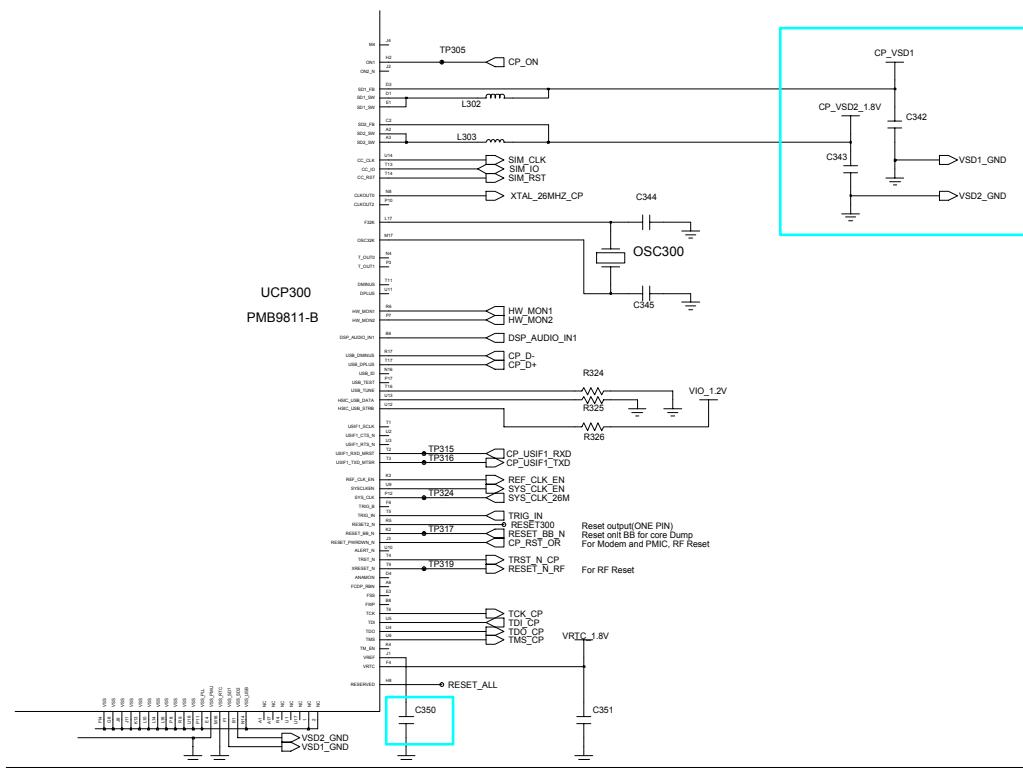
8-3-2. Initial



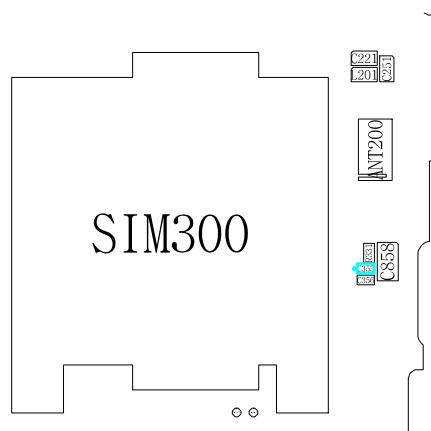
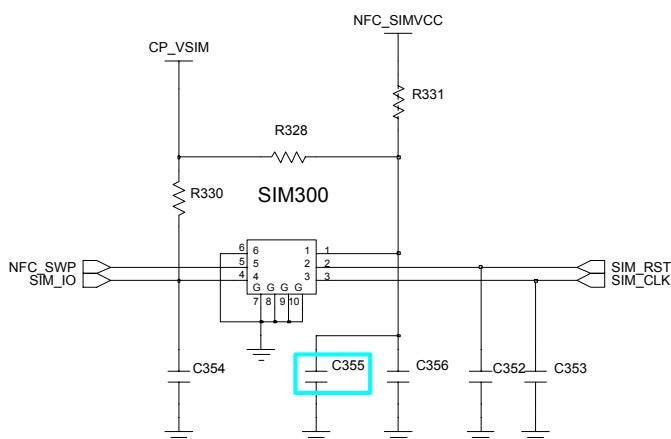
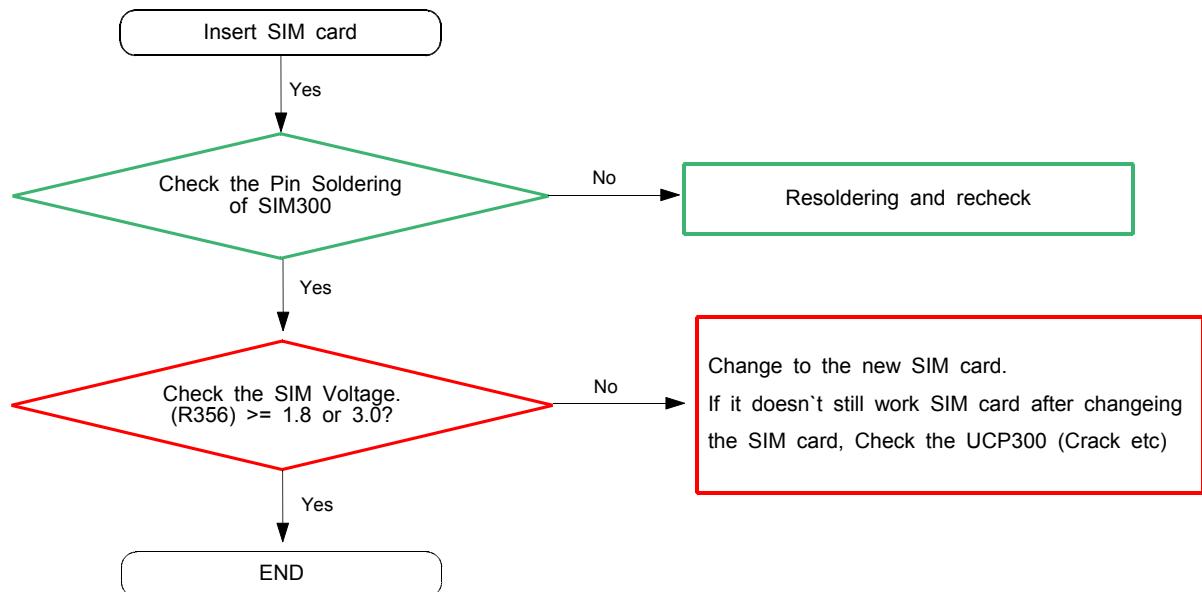


8-3-3. No Service

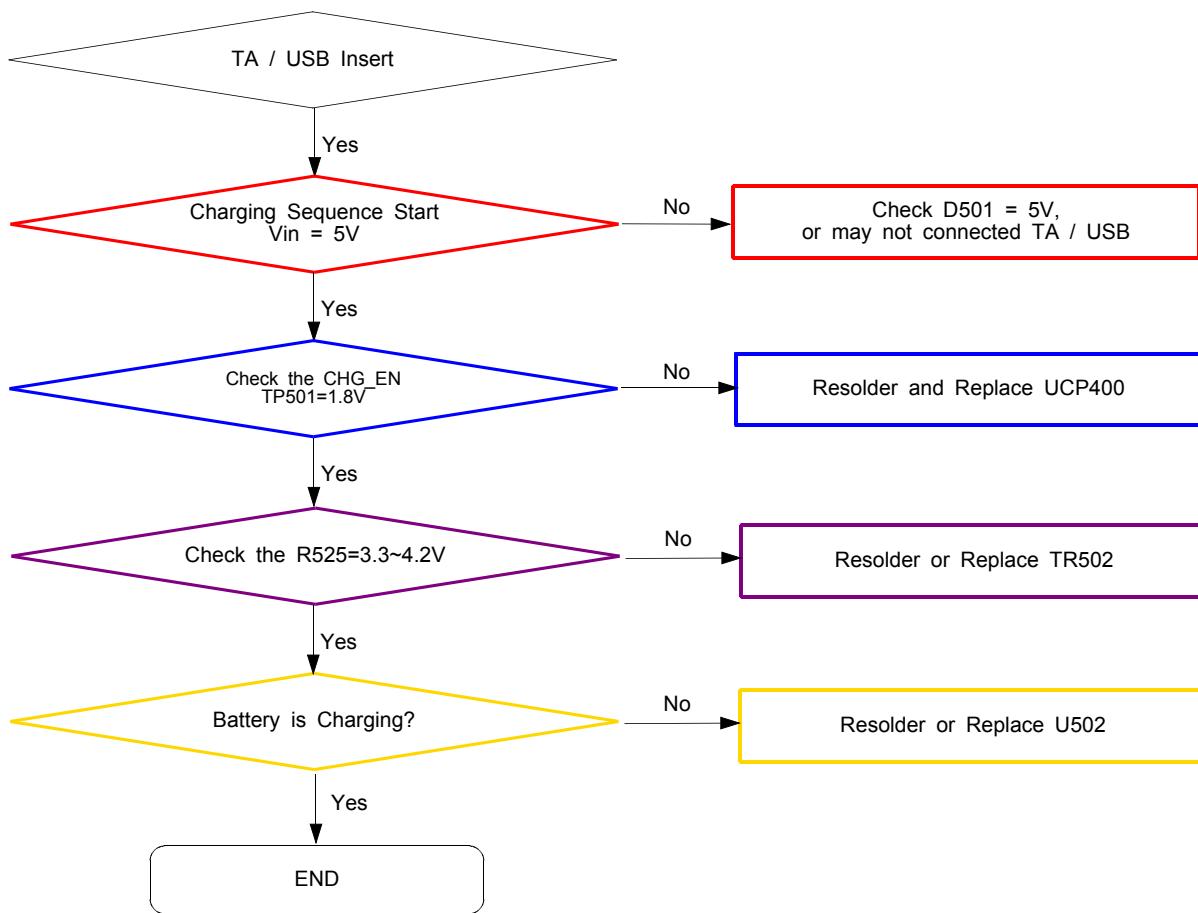


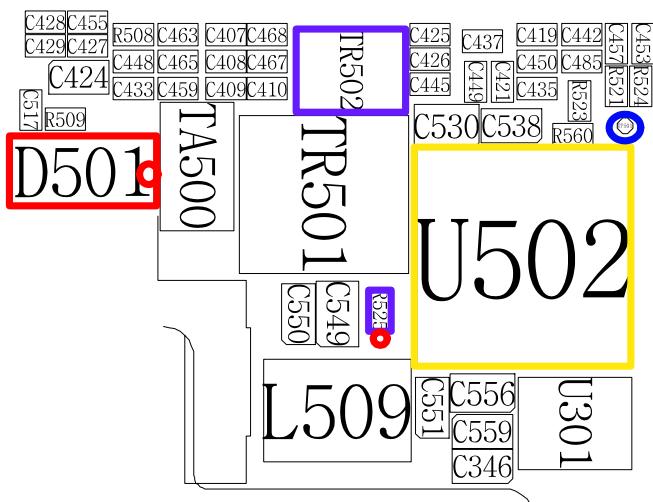
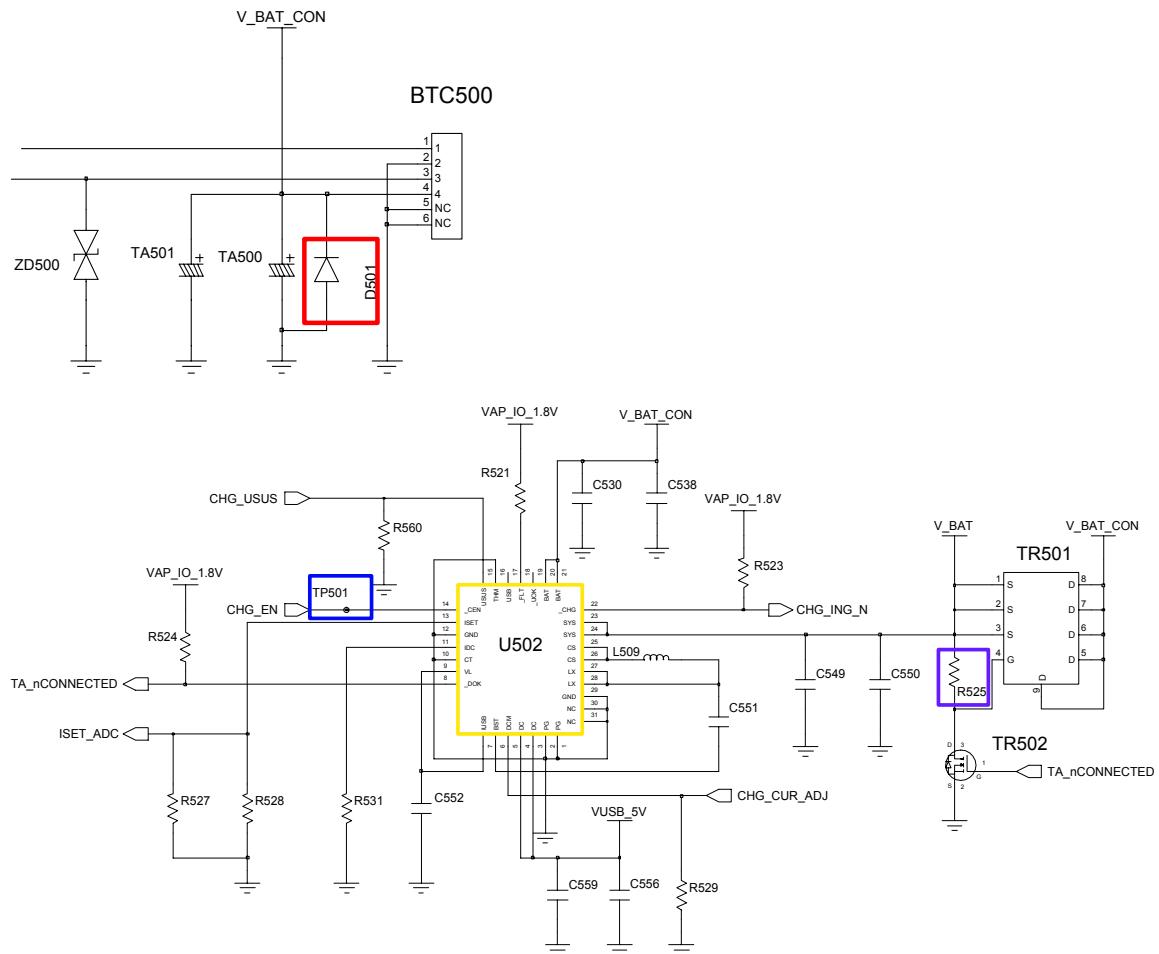


8-3-4. Sim Part

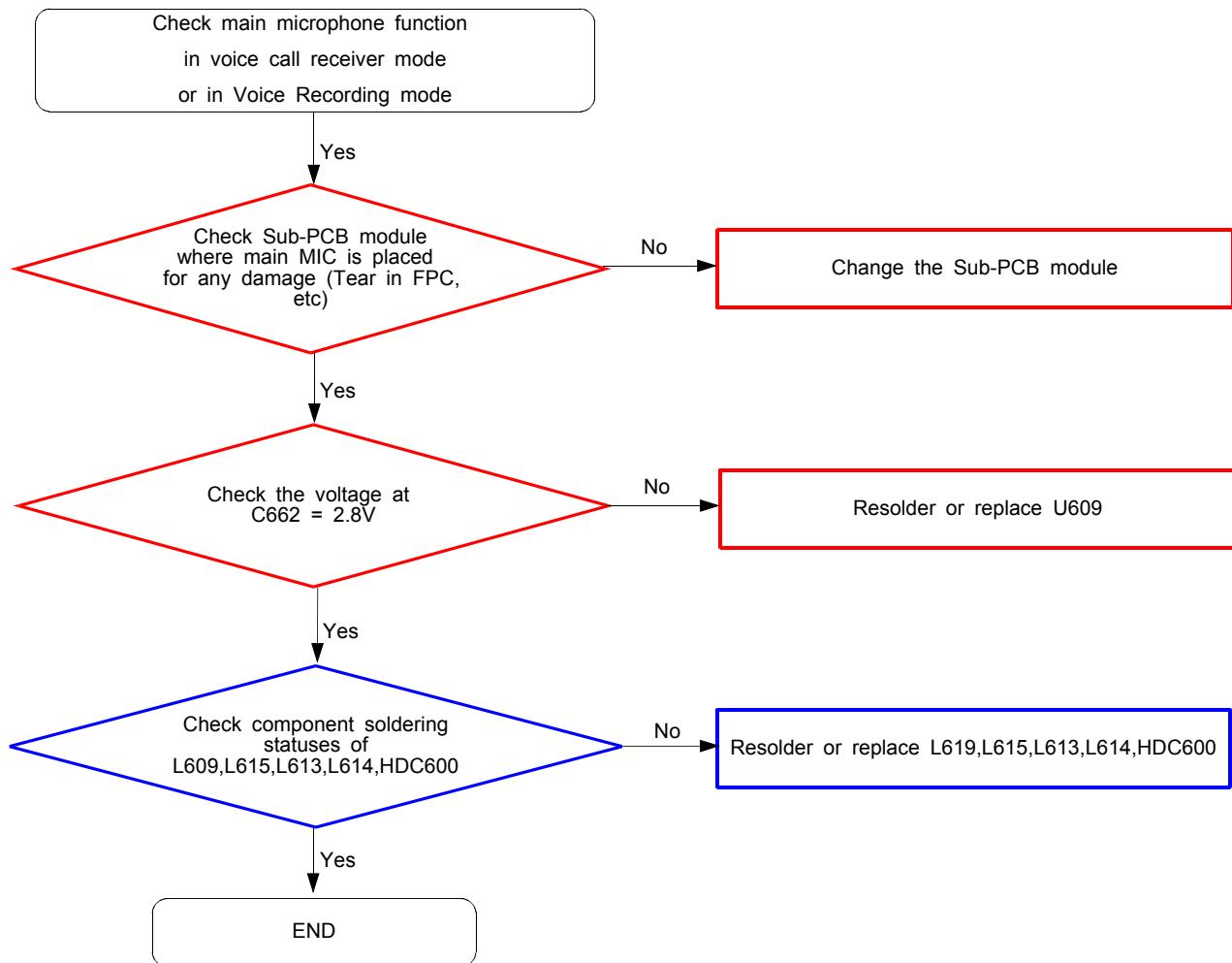


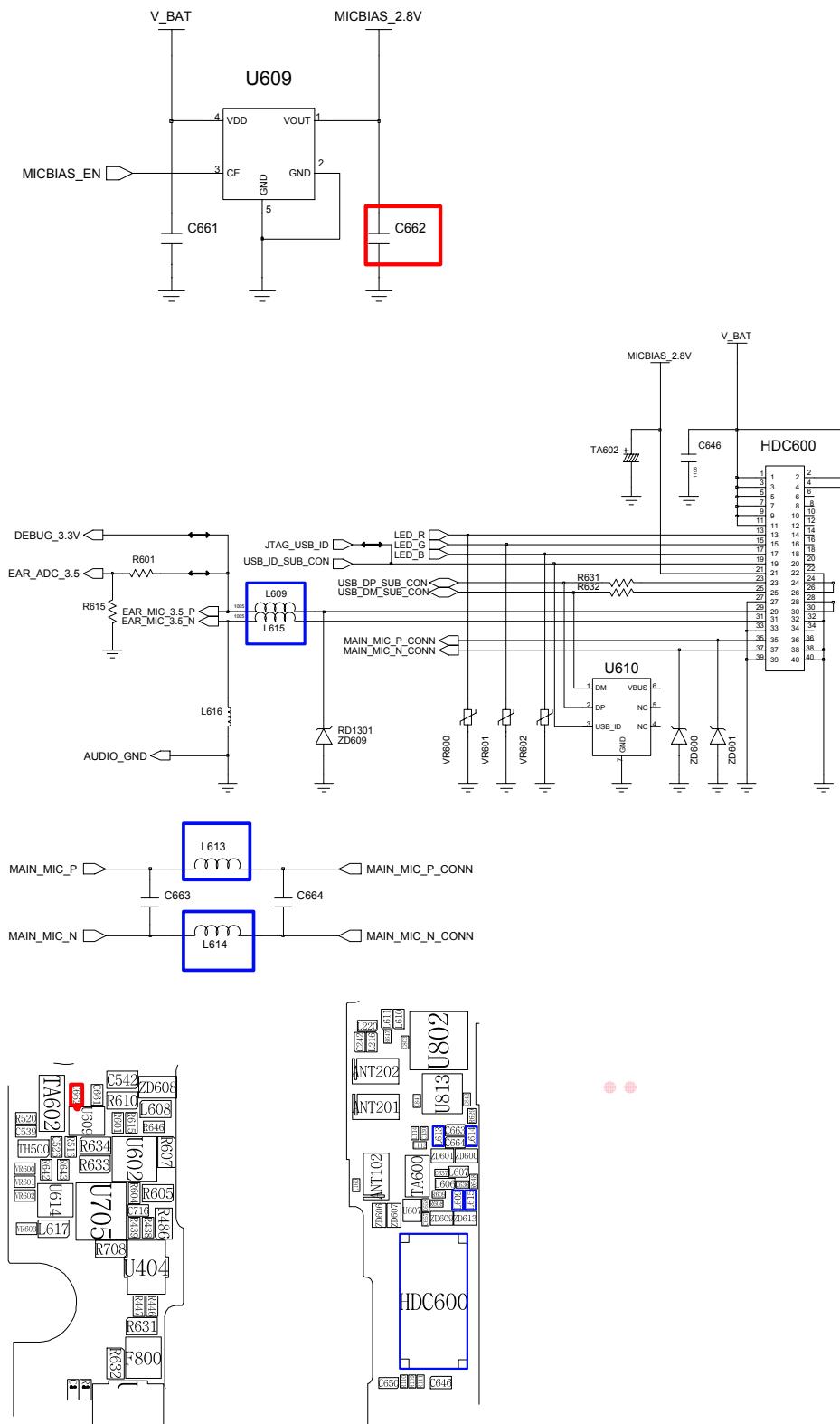
8-3-5. Charging Part



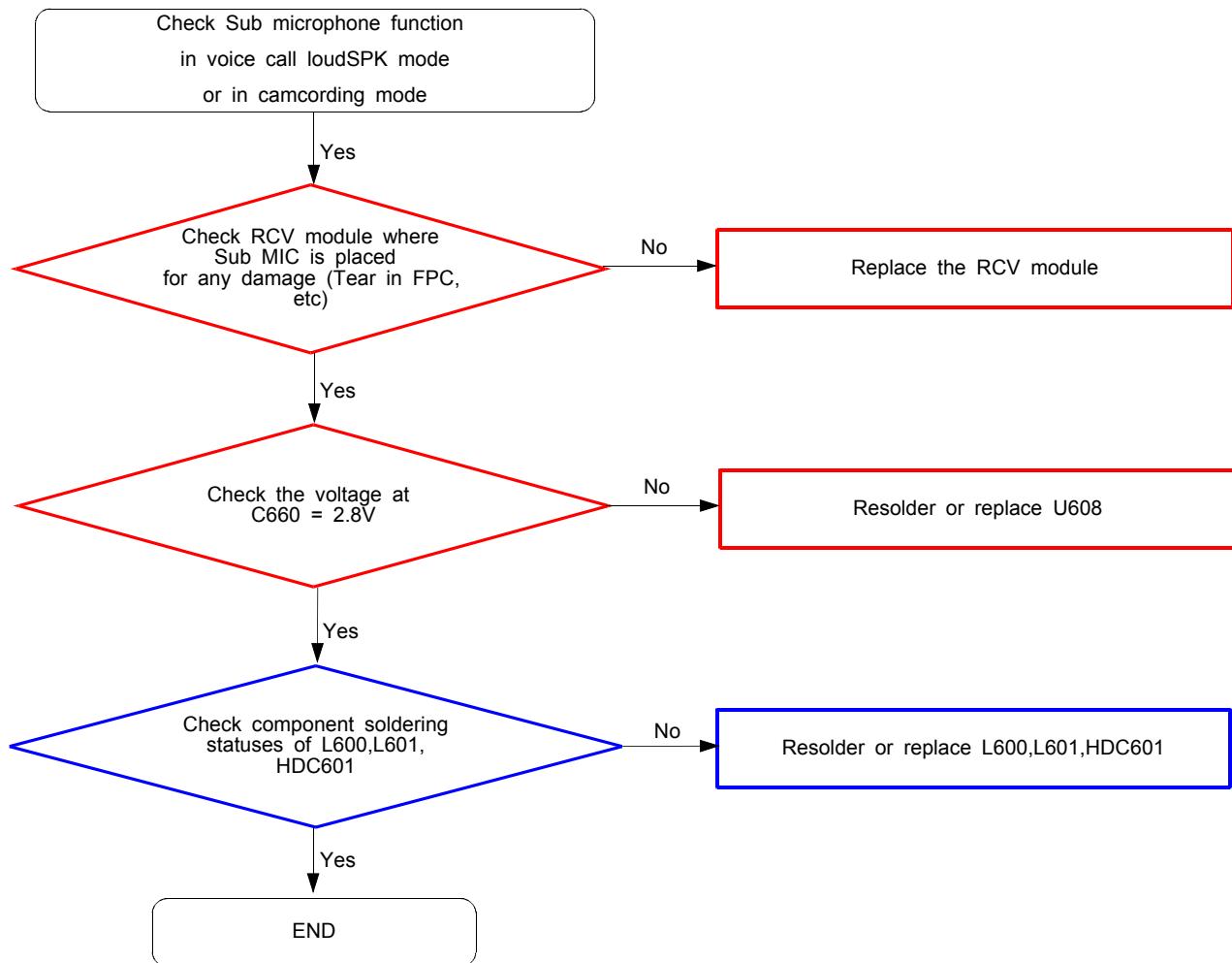


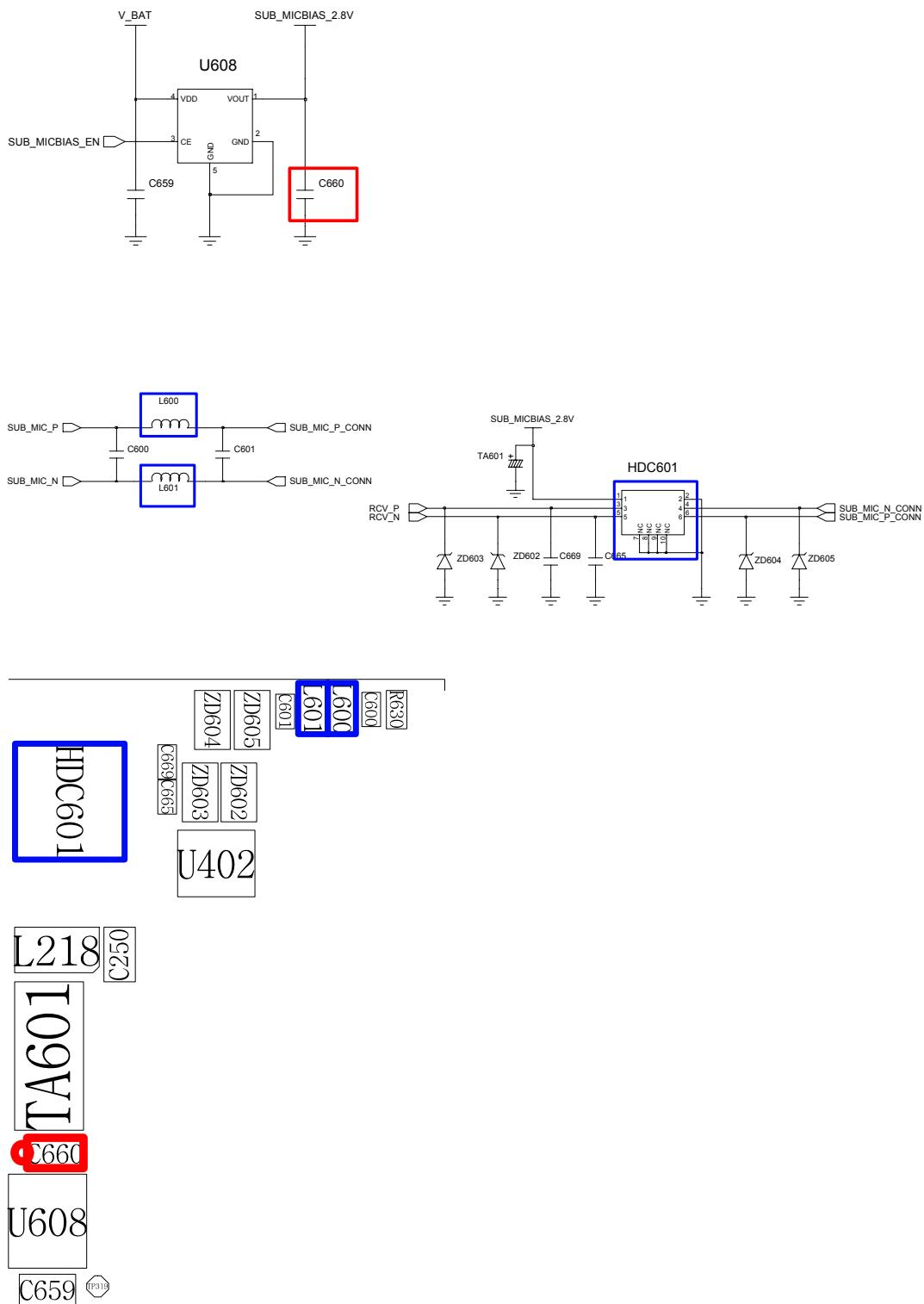
8-3-6. Microphone Part (Main MIC)



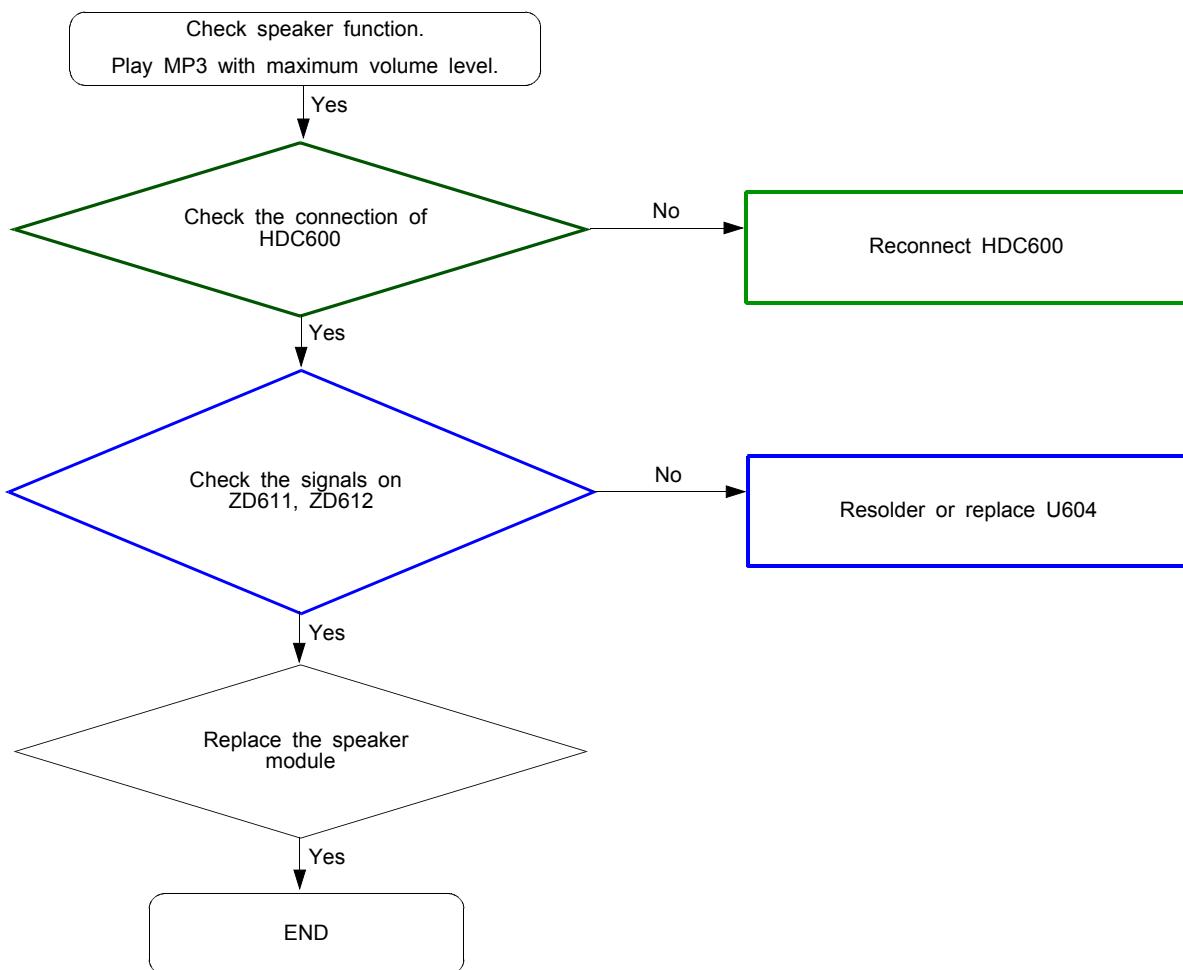


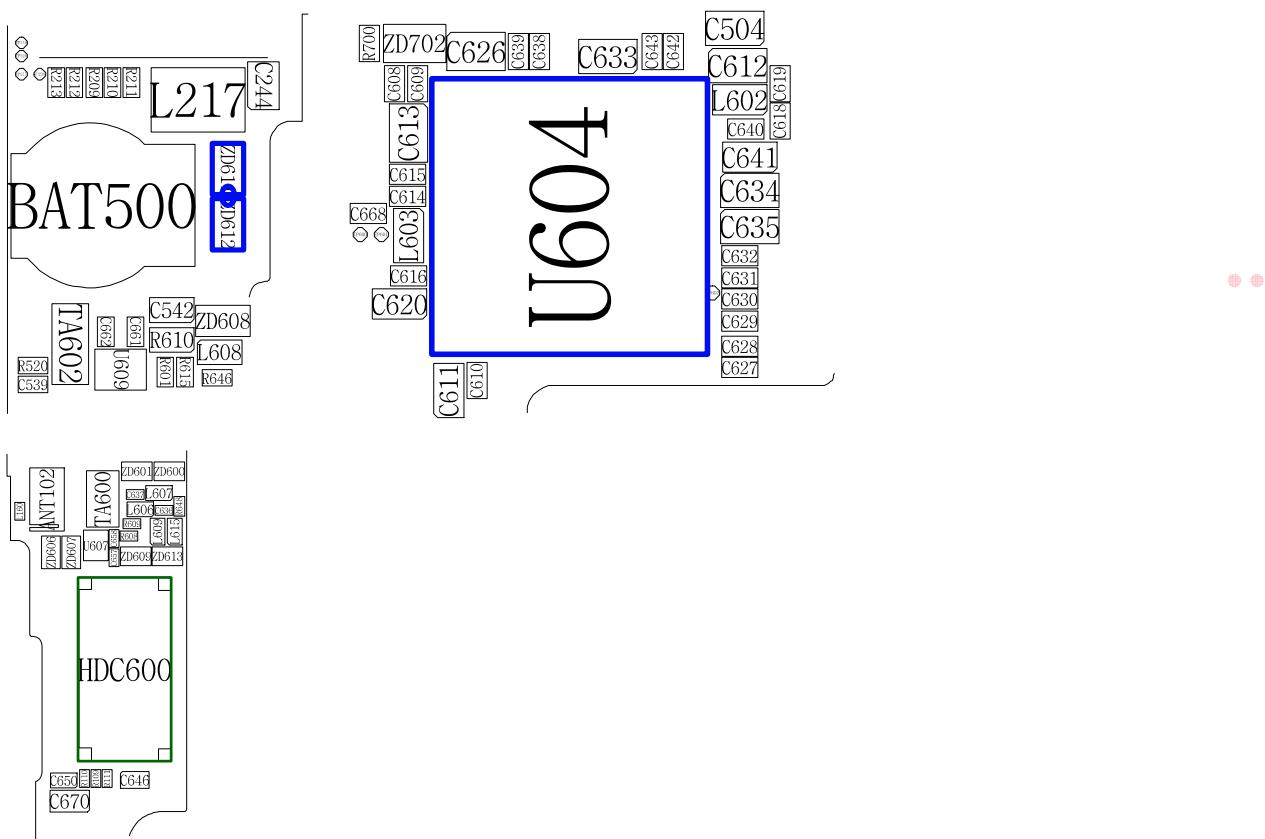
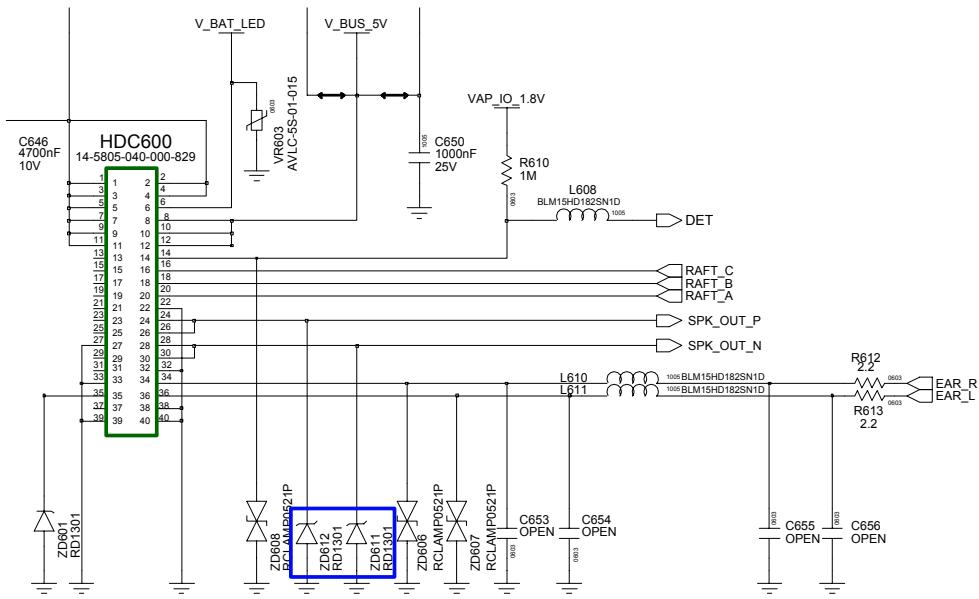
8-3-6-1. Microphone Part (Sub MIC)



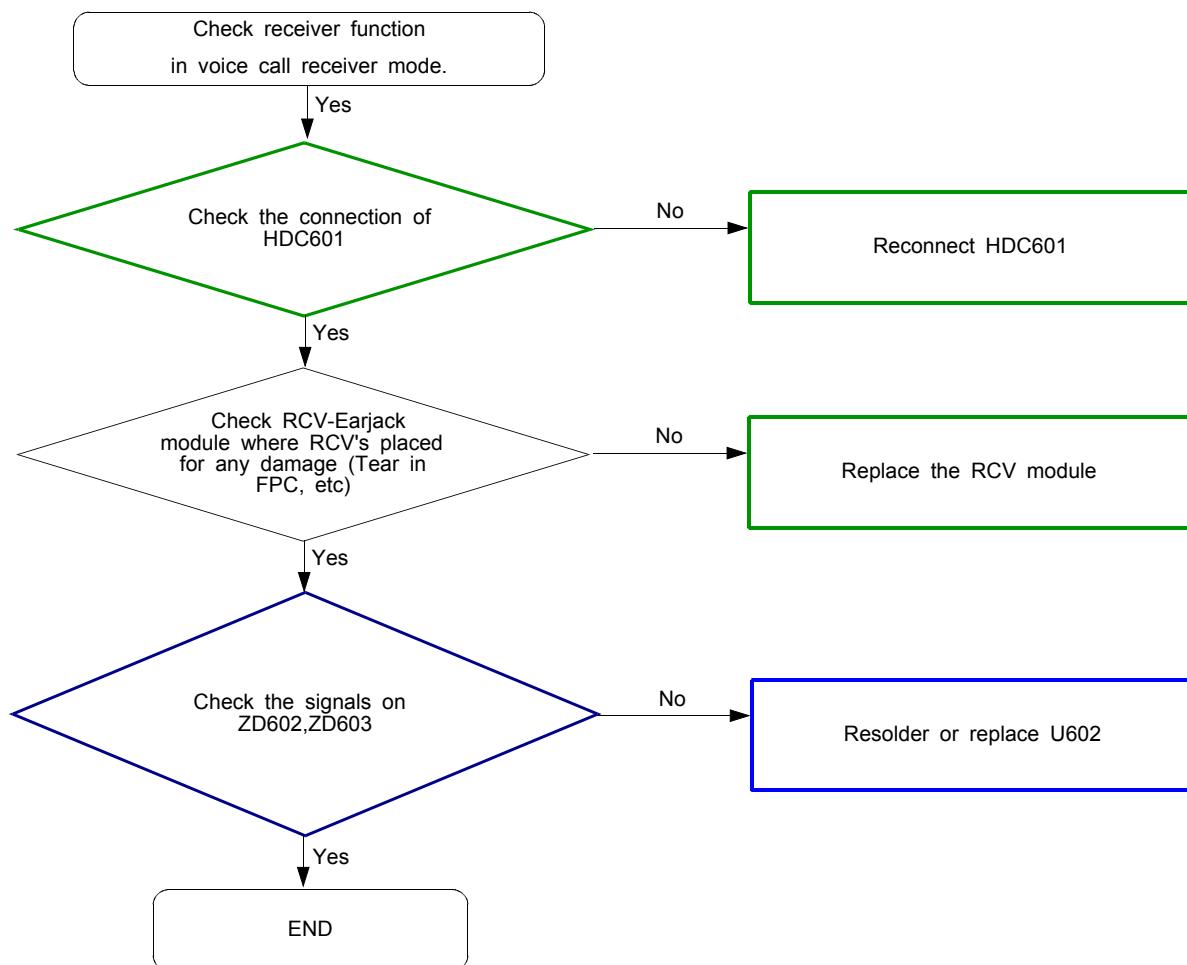


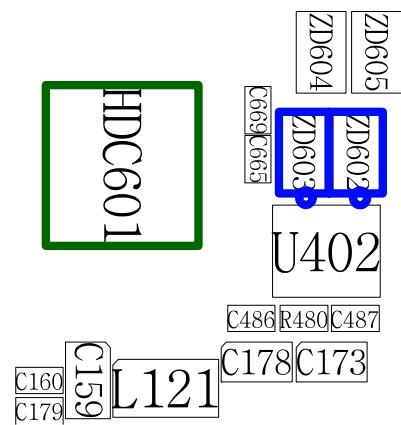
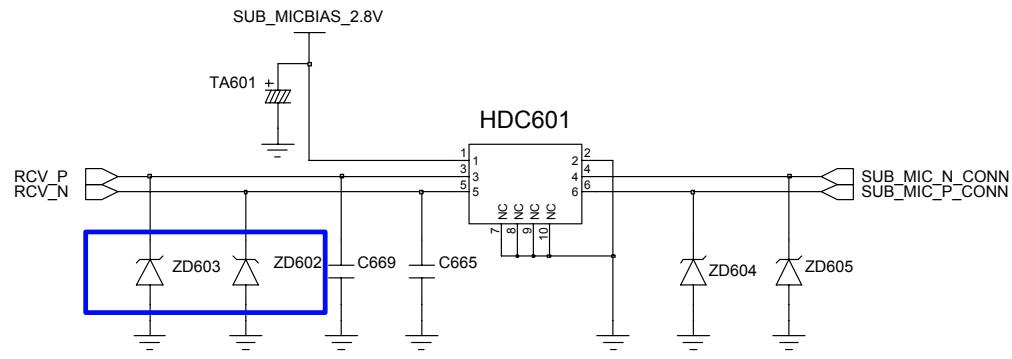
8-3-7. Speaker Part



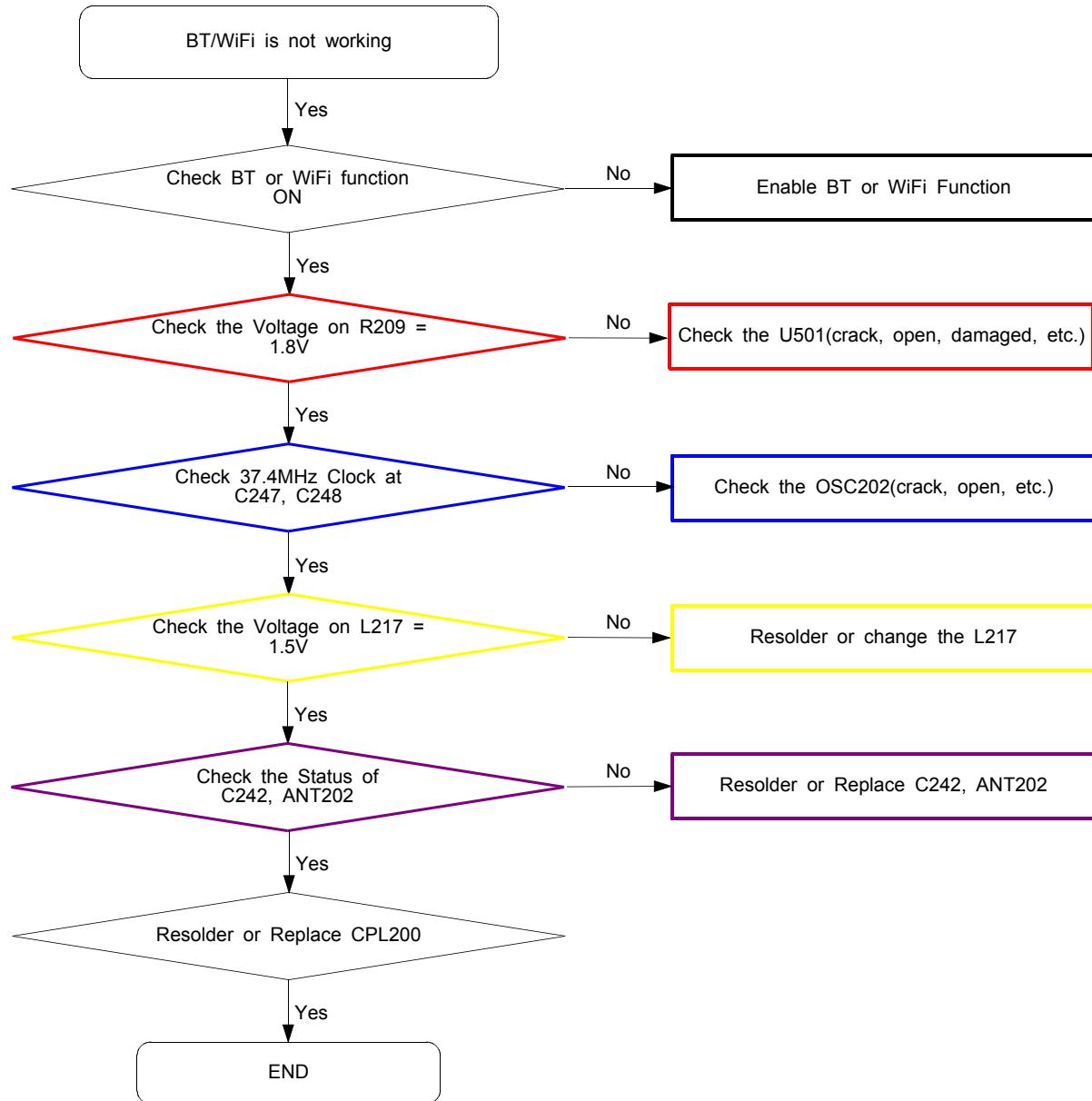


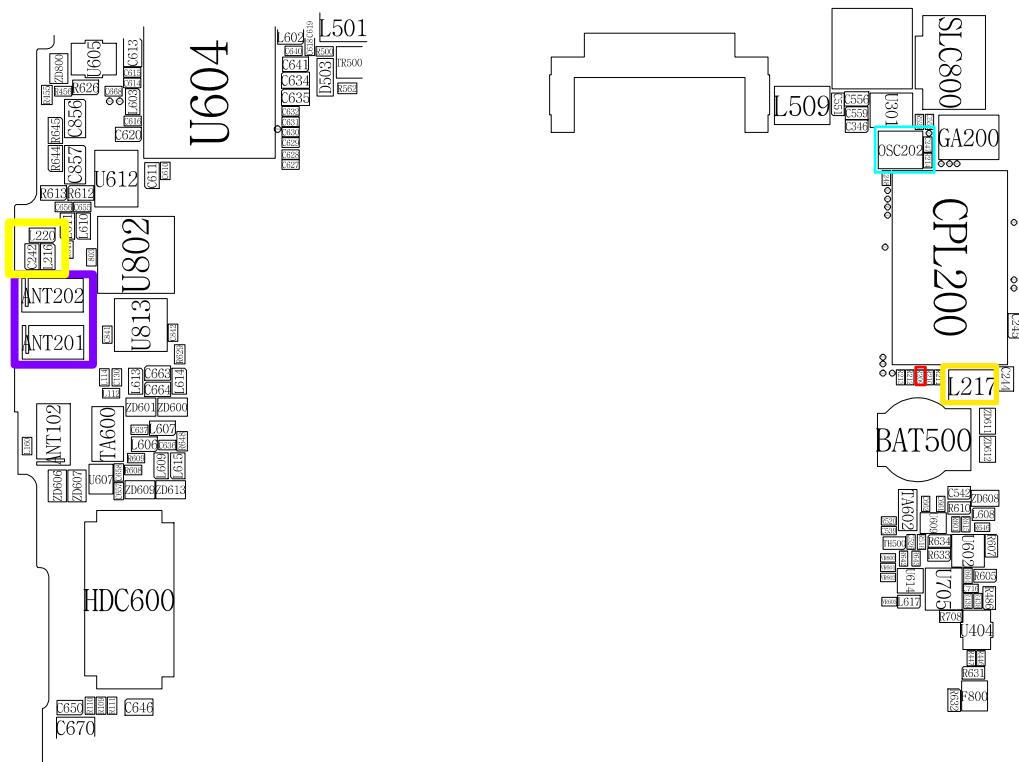
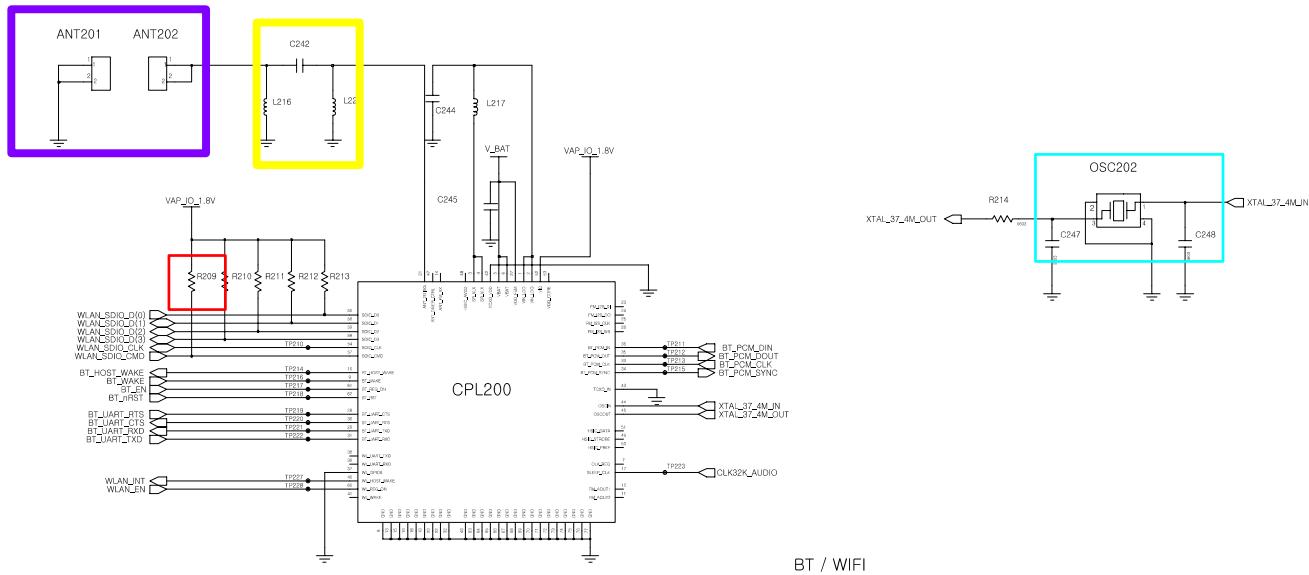
8-3-8. Receiver Part



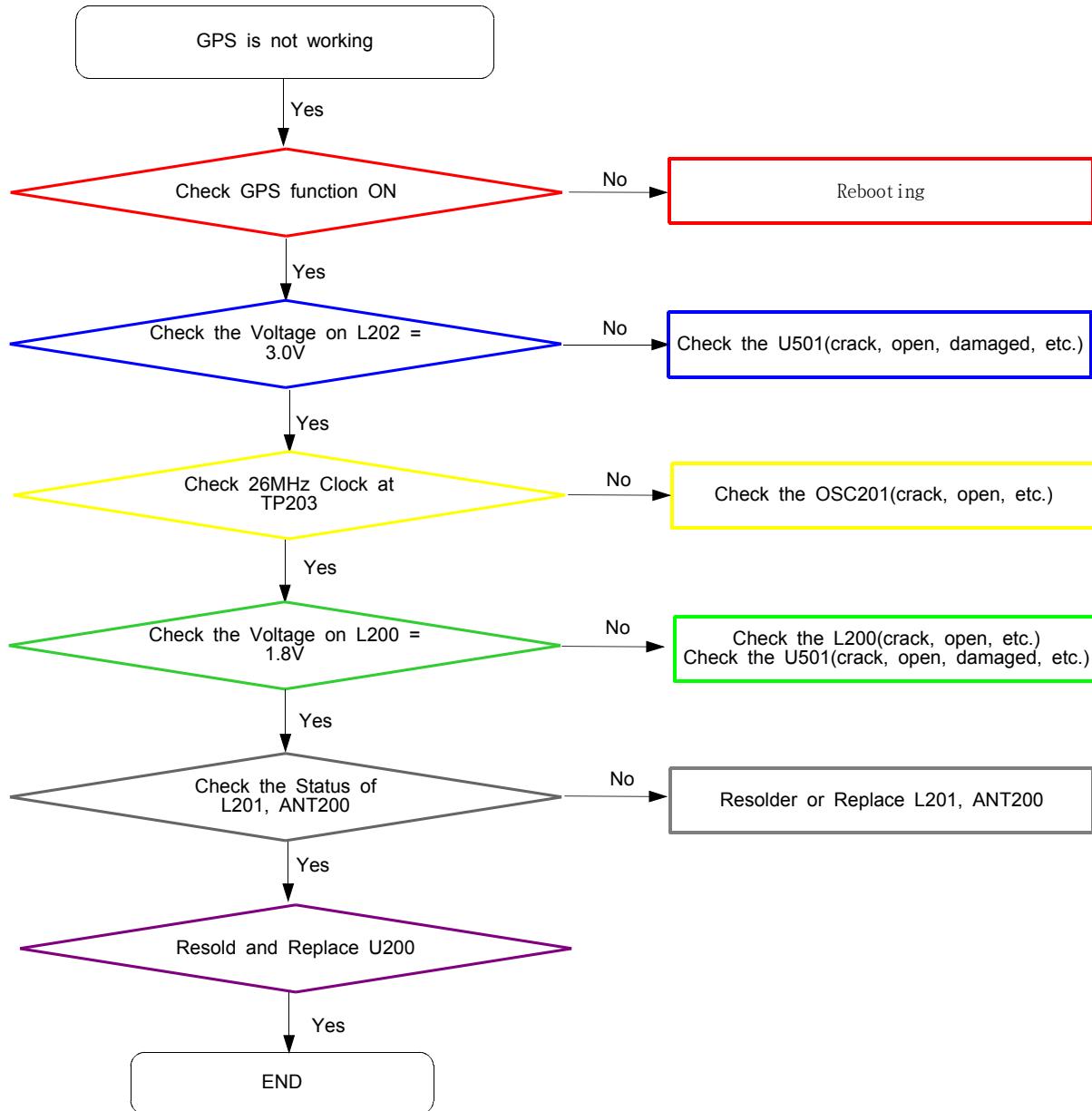


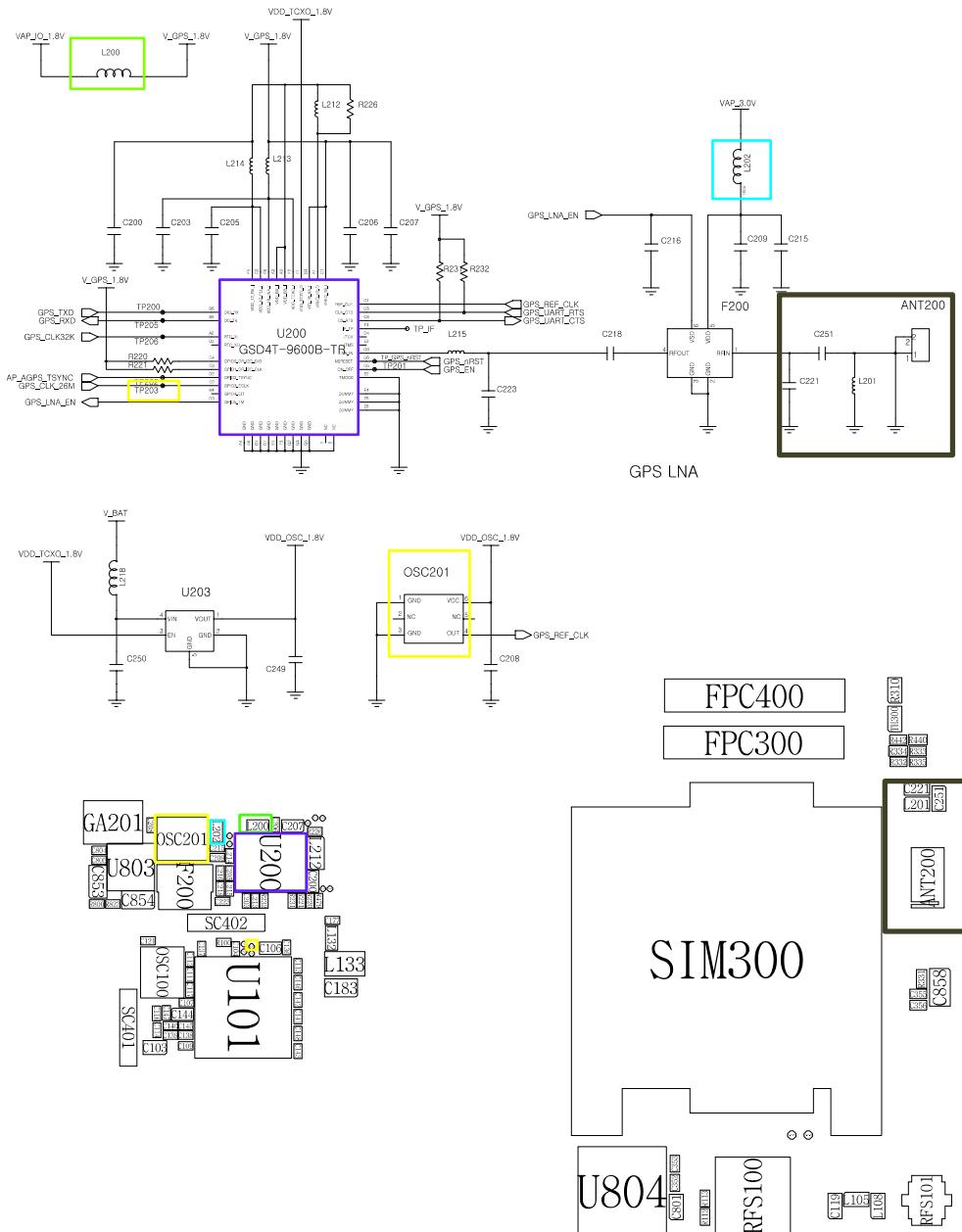
8-3-9.BT/WIFI



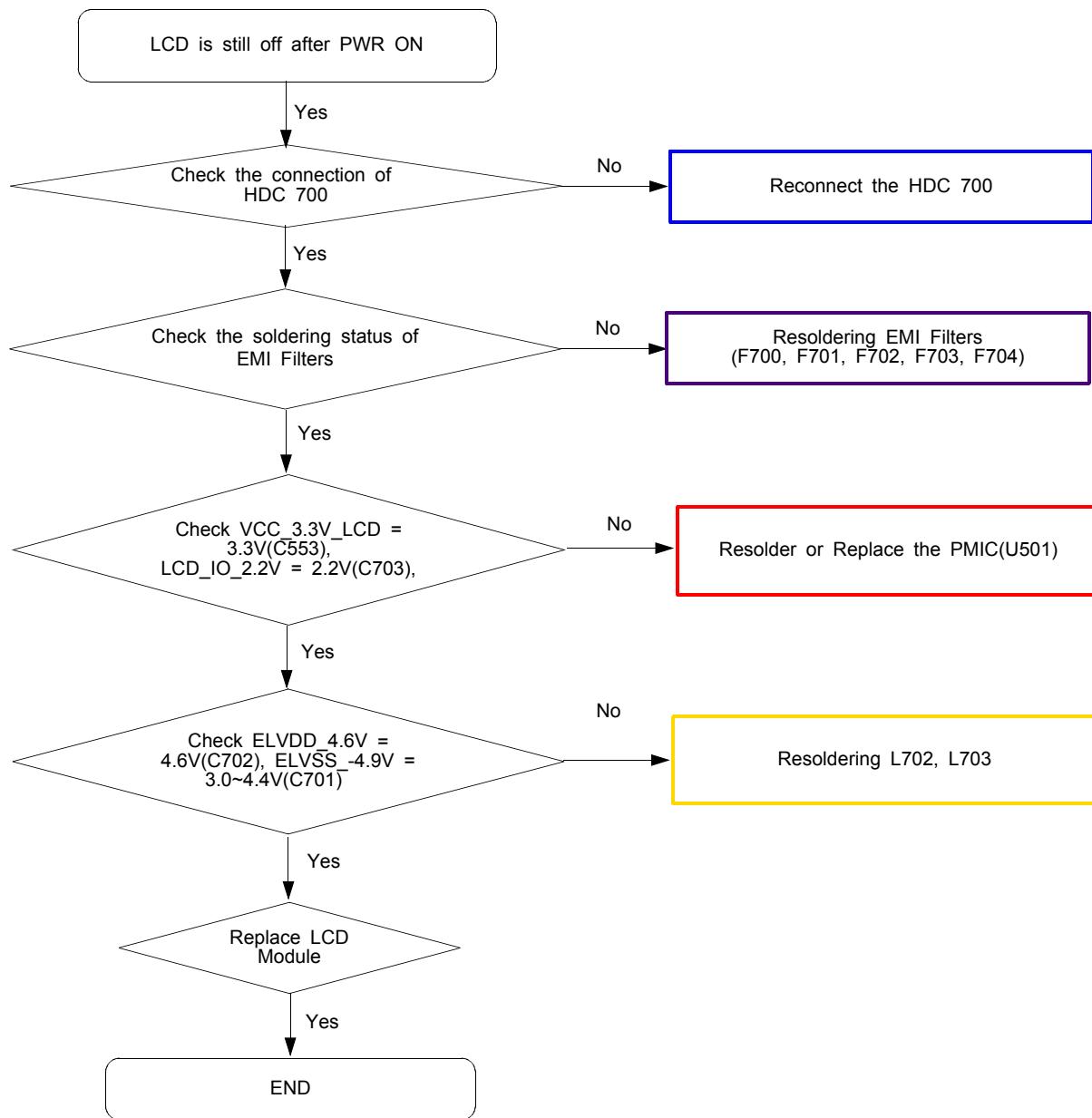


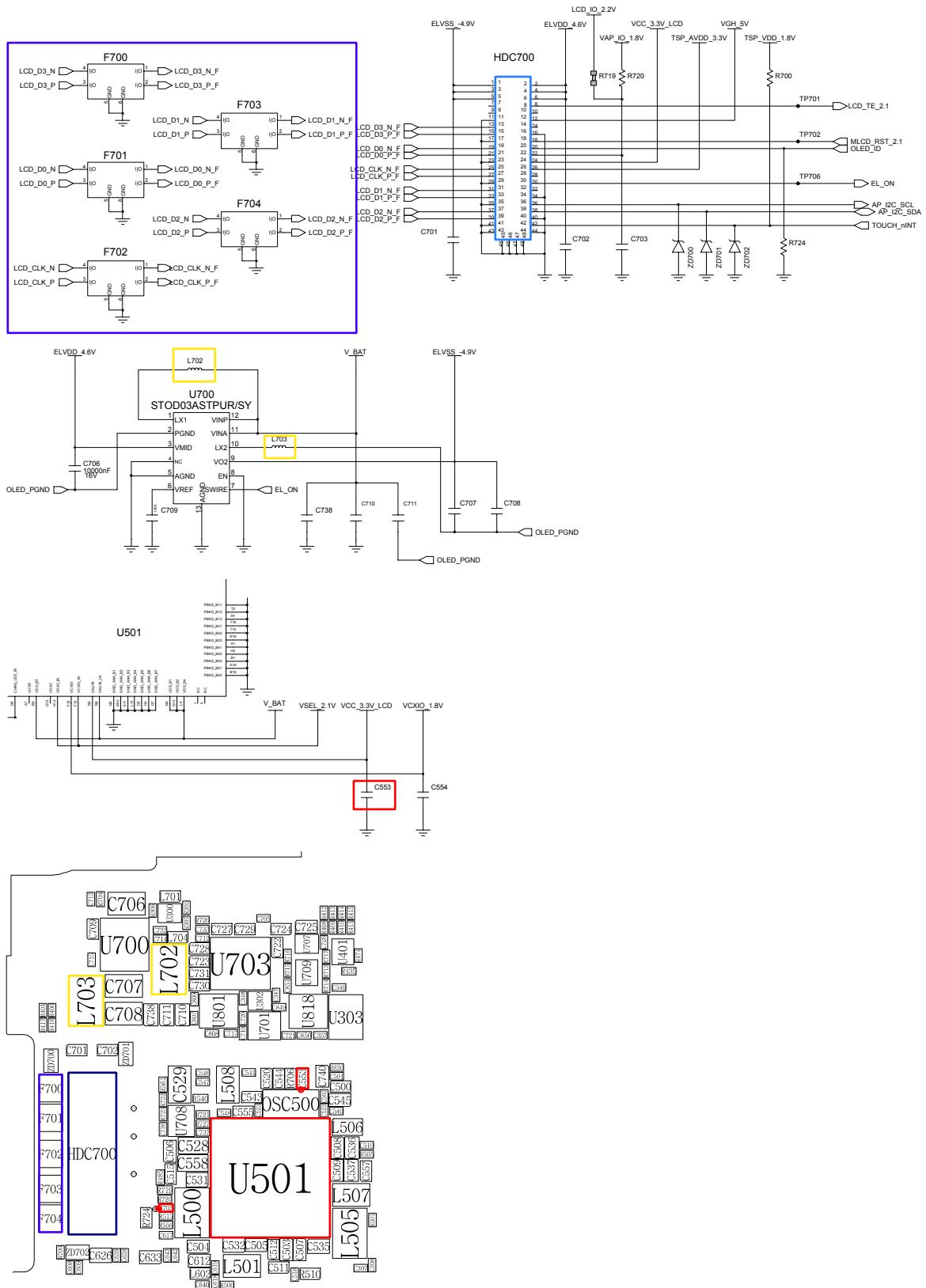
8-3-10. GPS



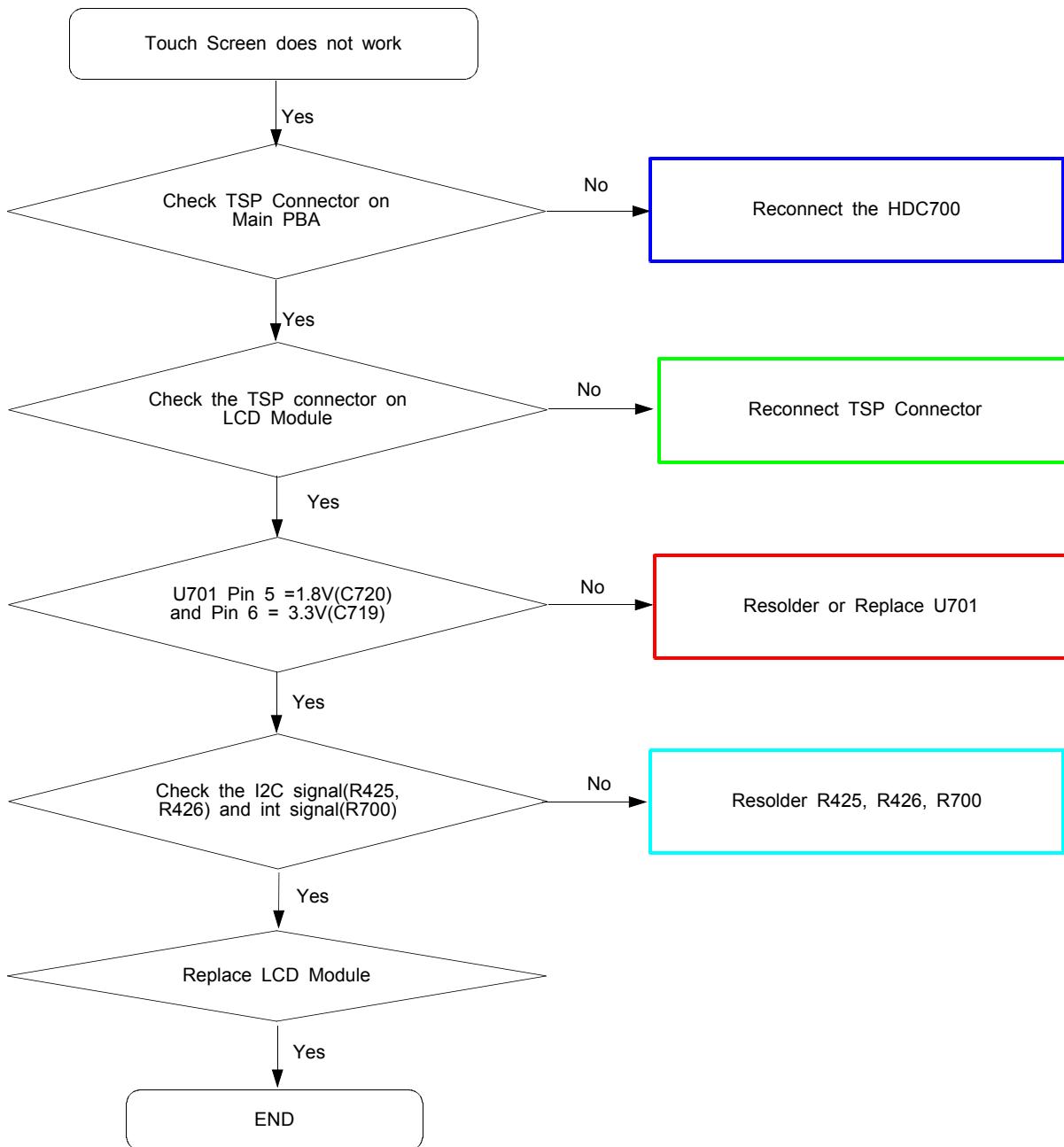


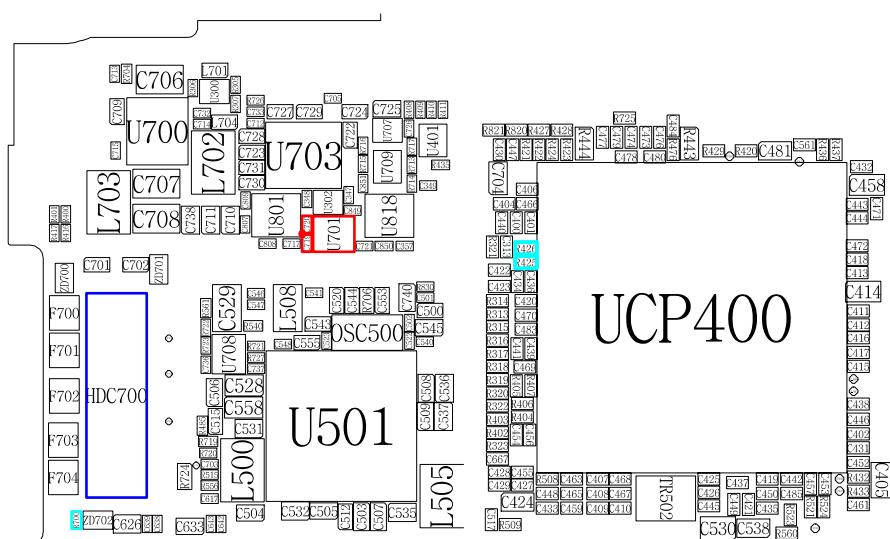
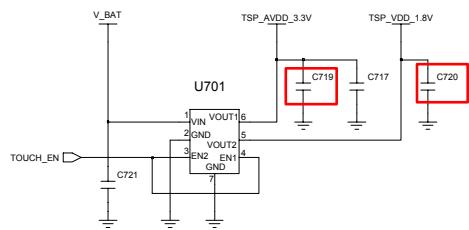
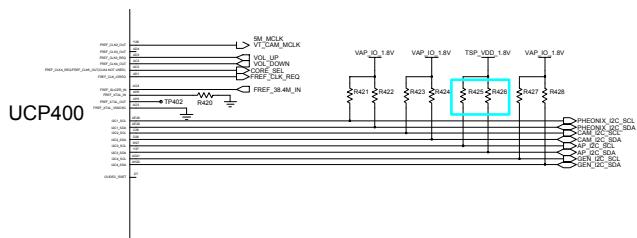
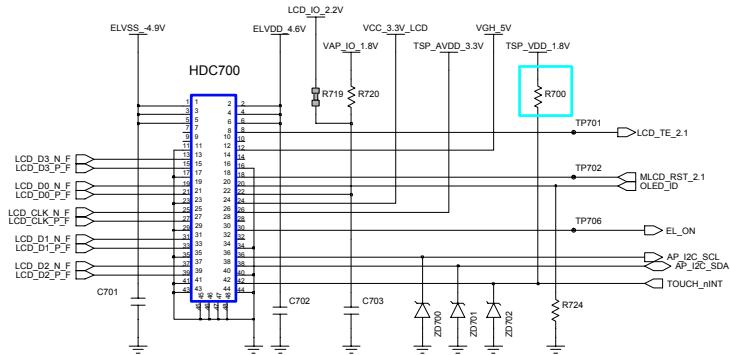
8-3-11. LCD





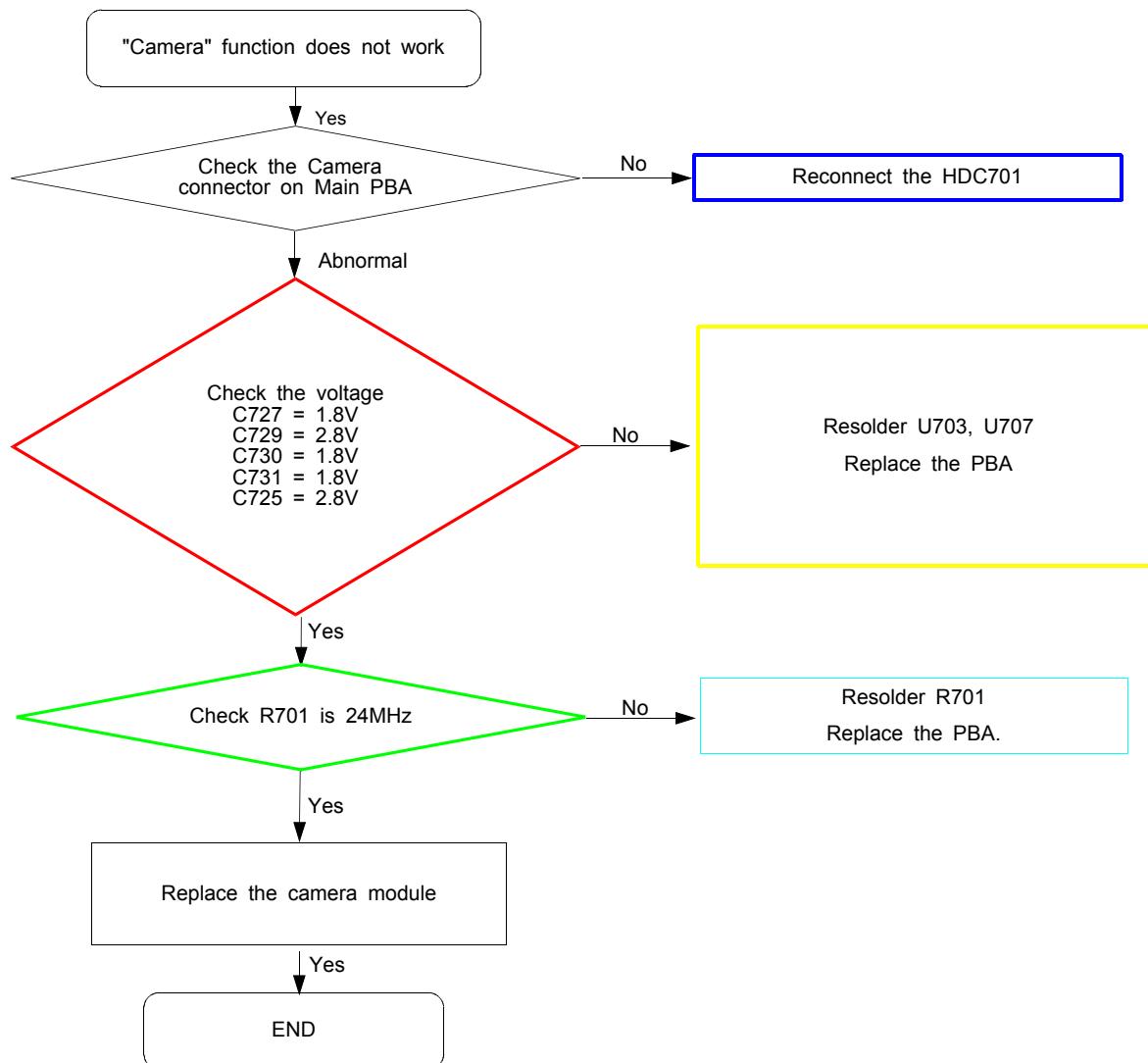
8-3-12. TSP

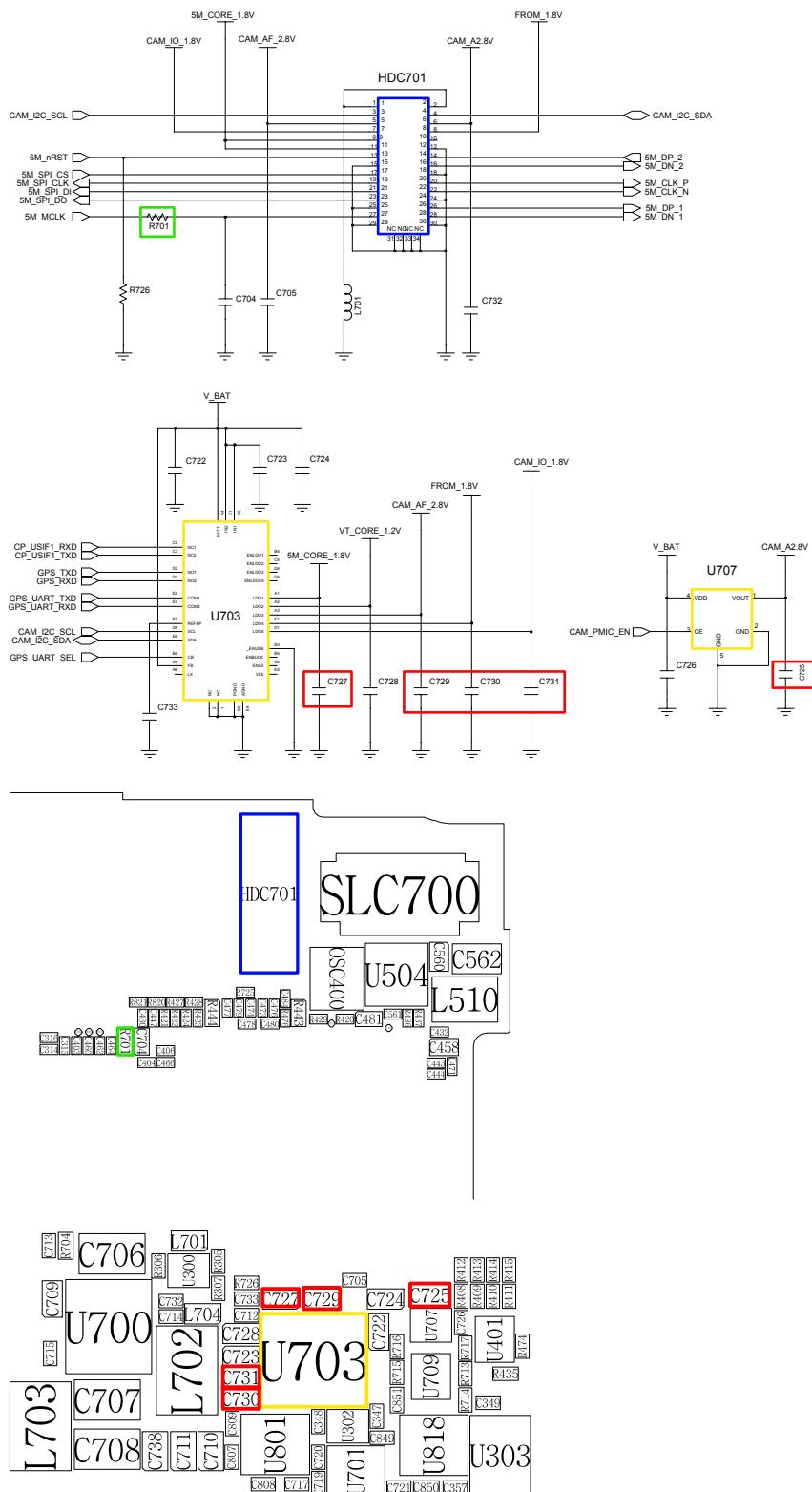




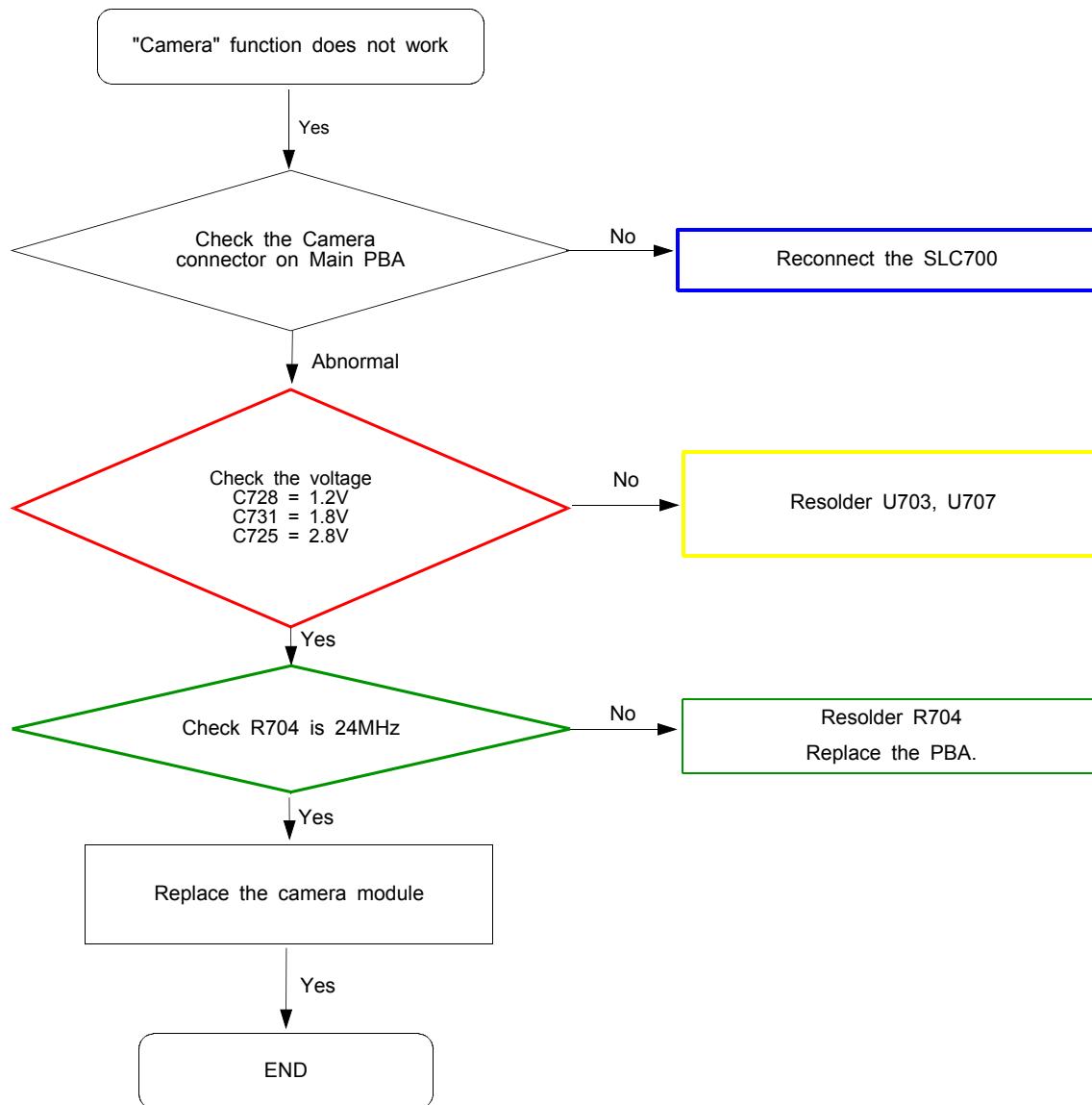
UCP400

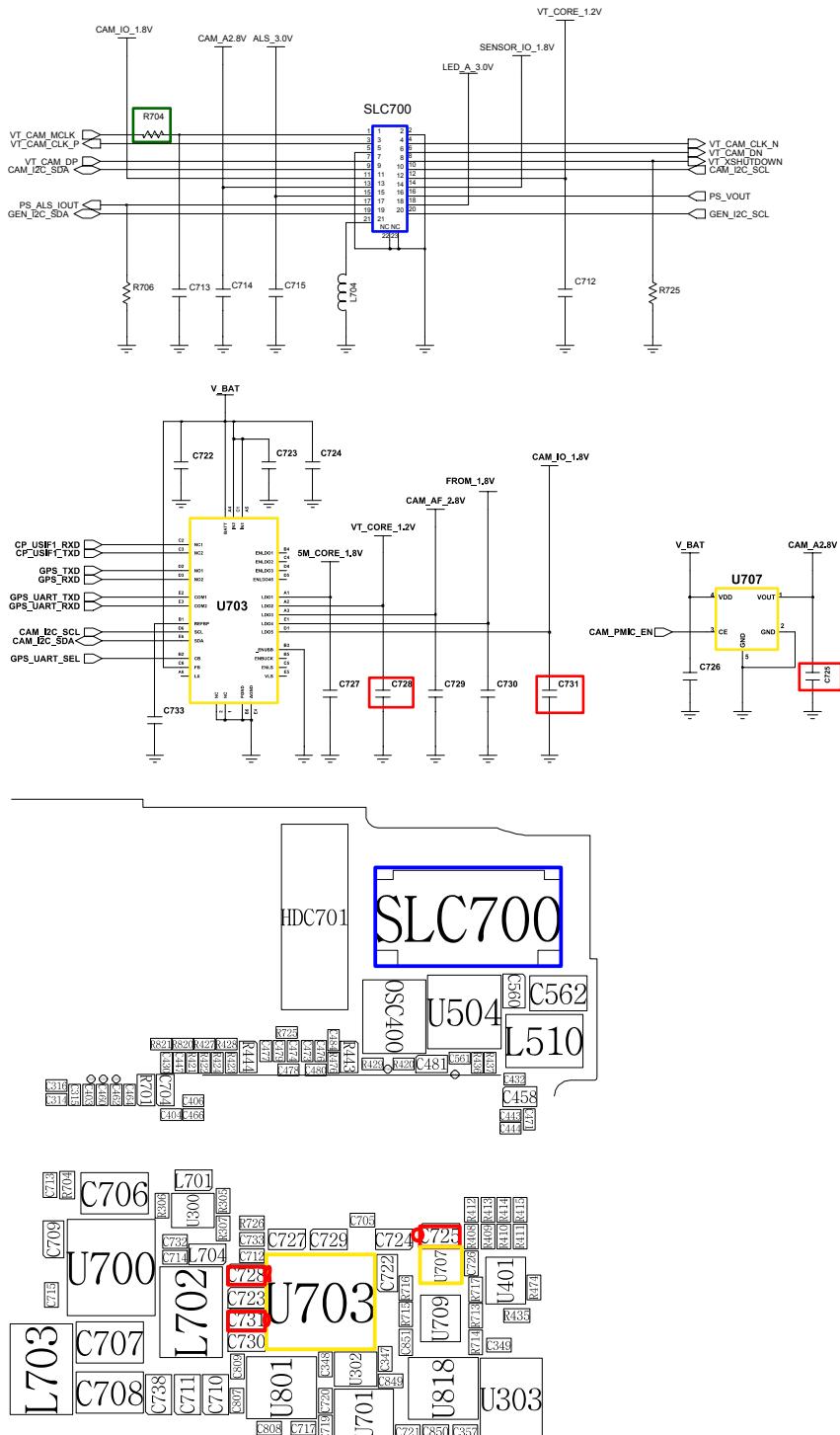
8-3-13. 5M CAM



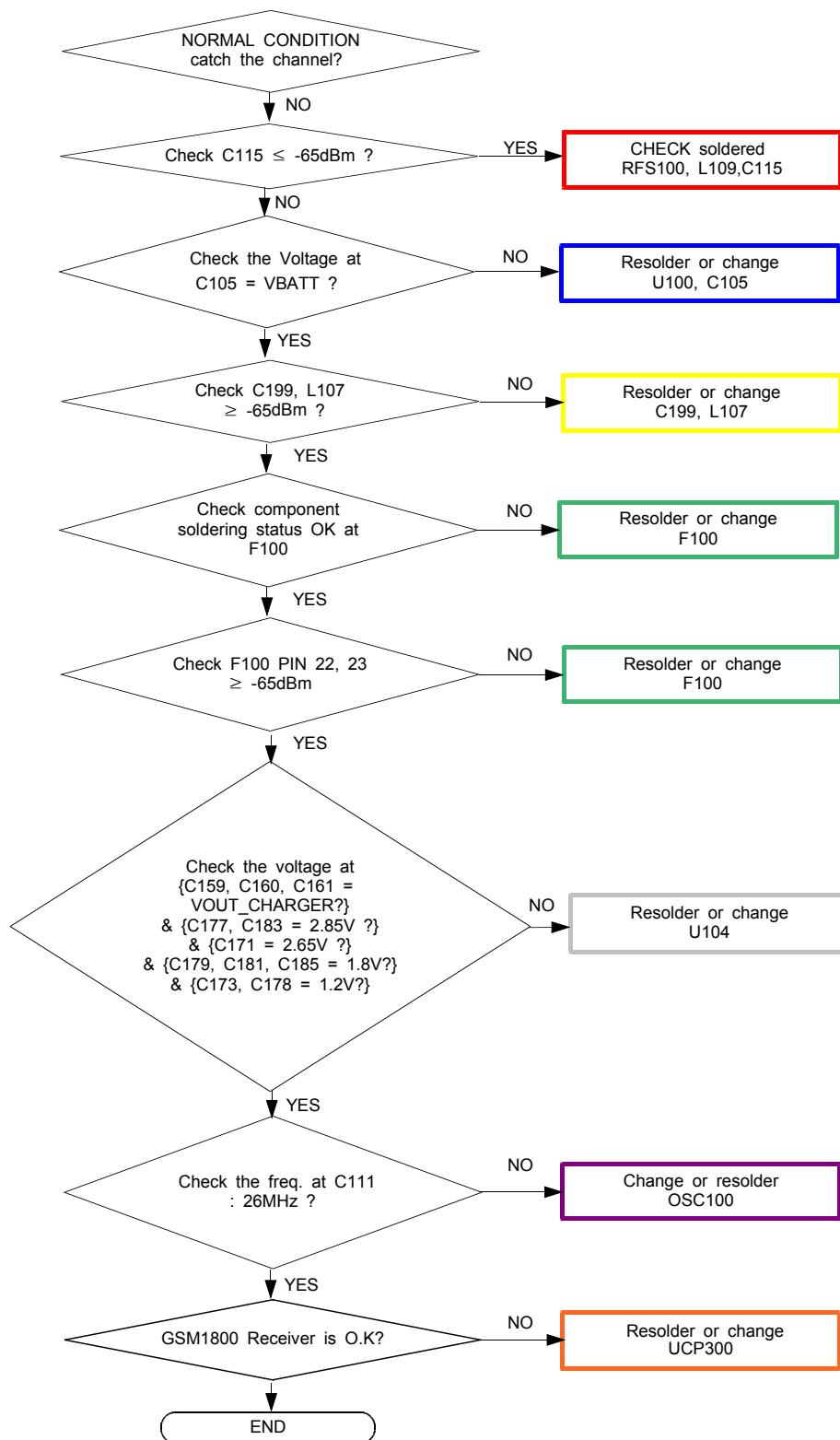


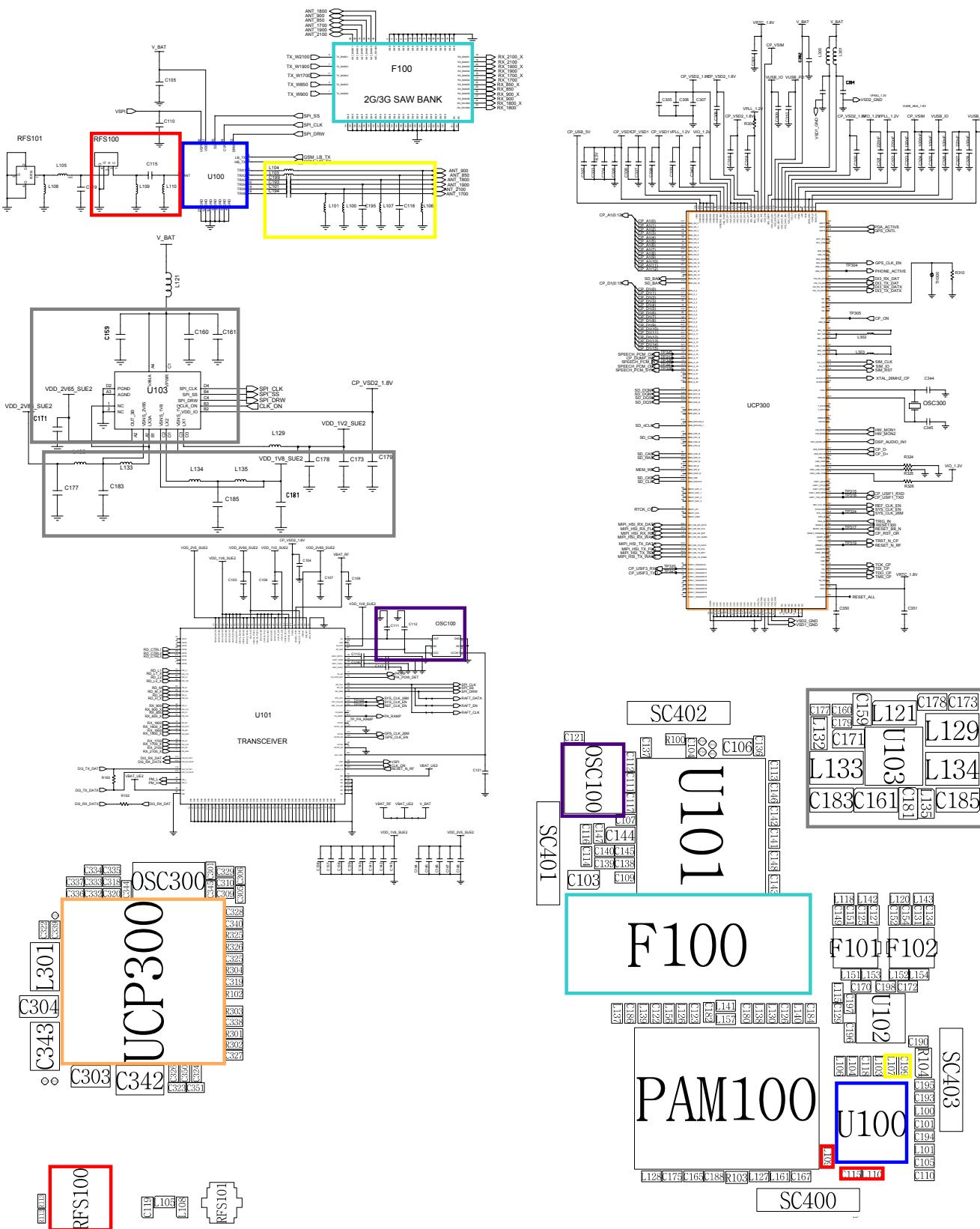
8-3-14. 1.3M CAM



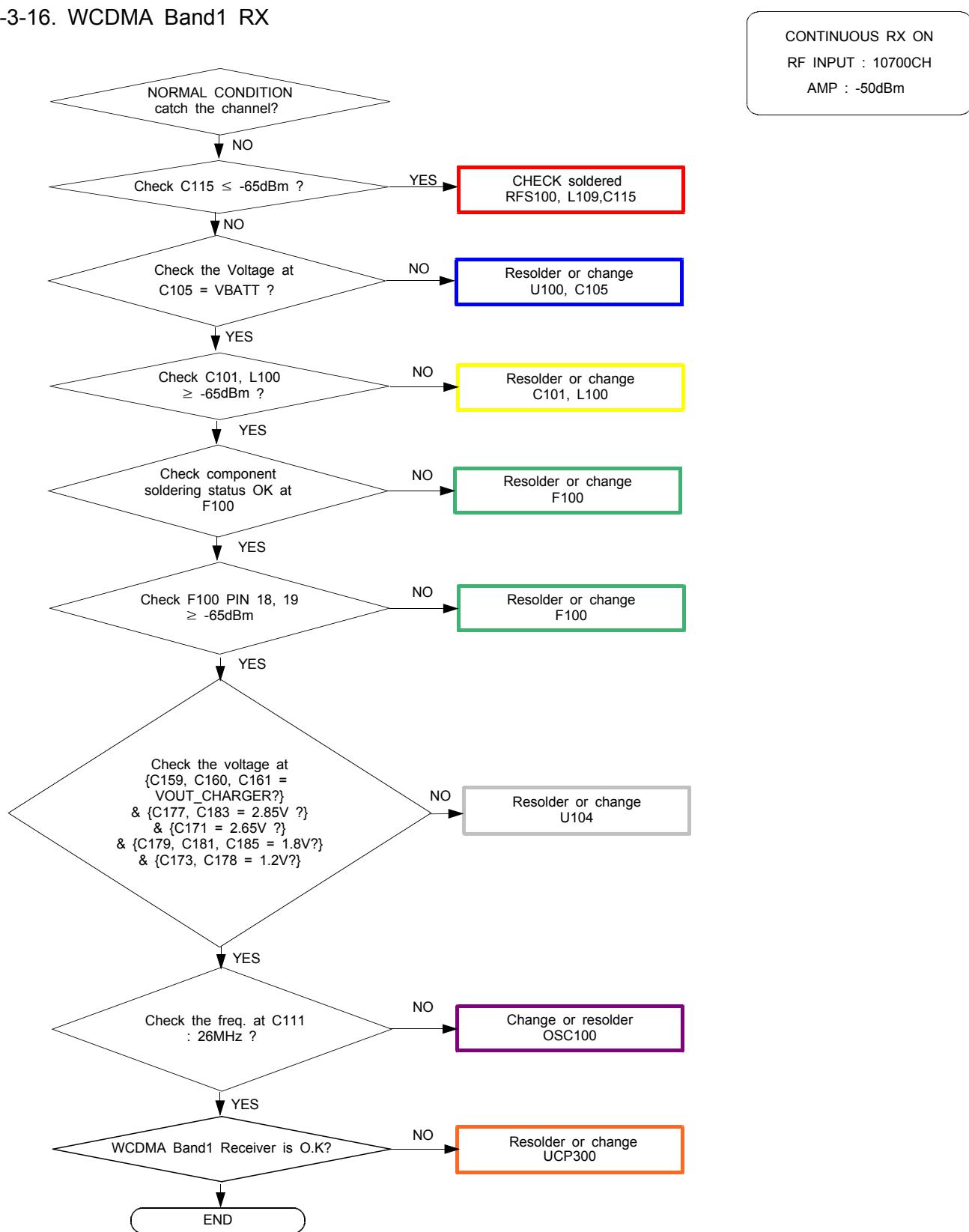


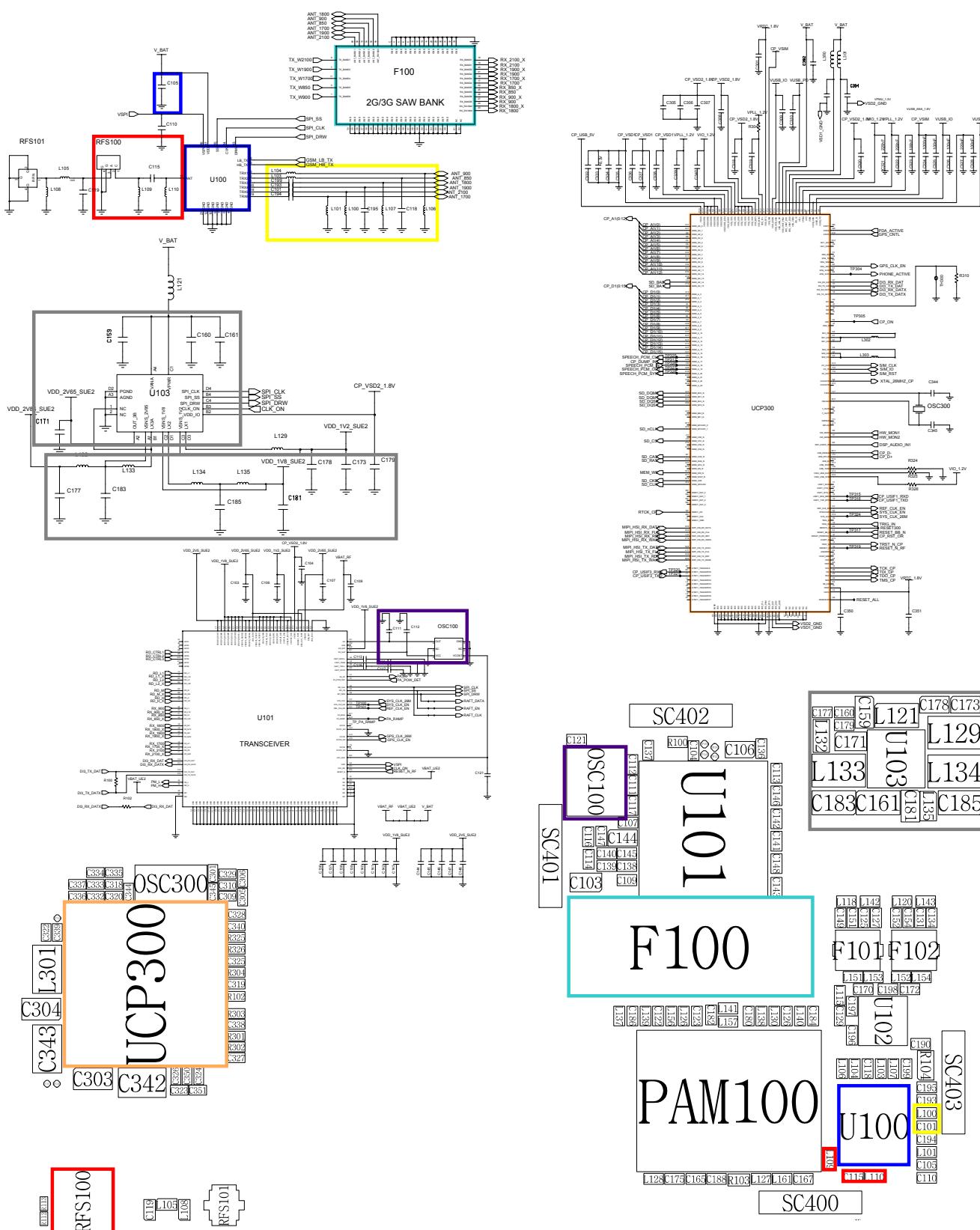
8-3-15. GSM1800 RX



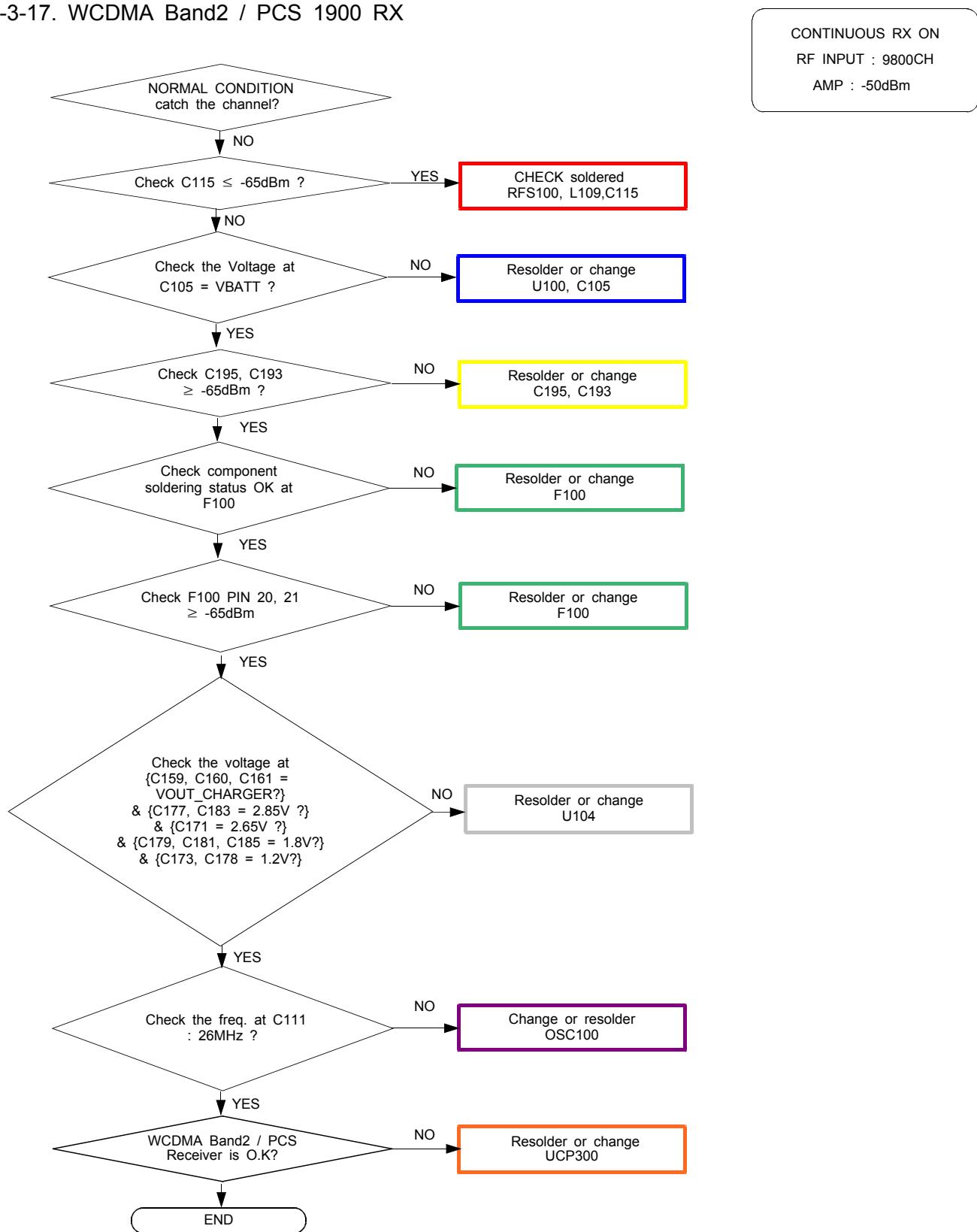


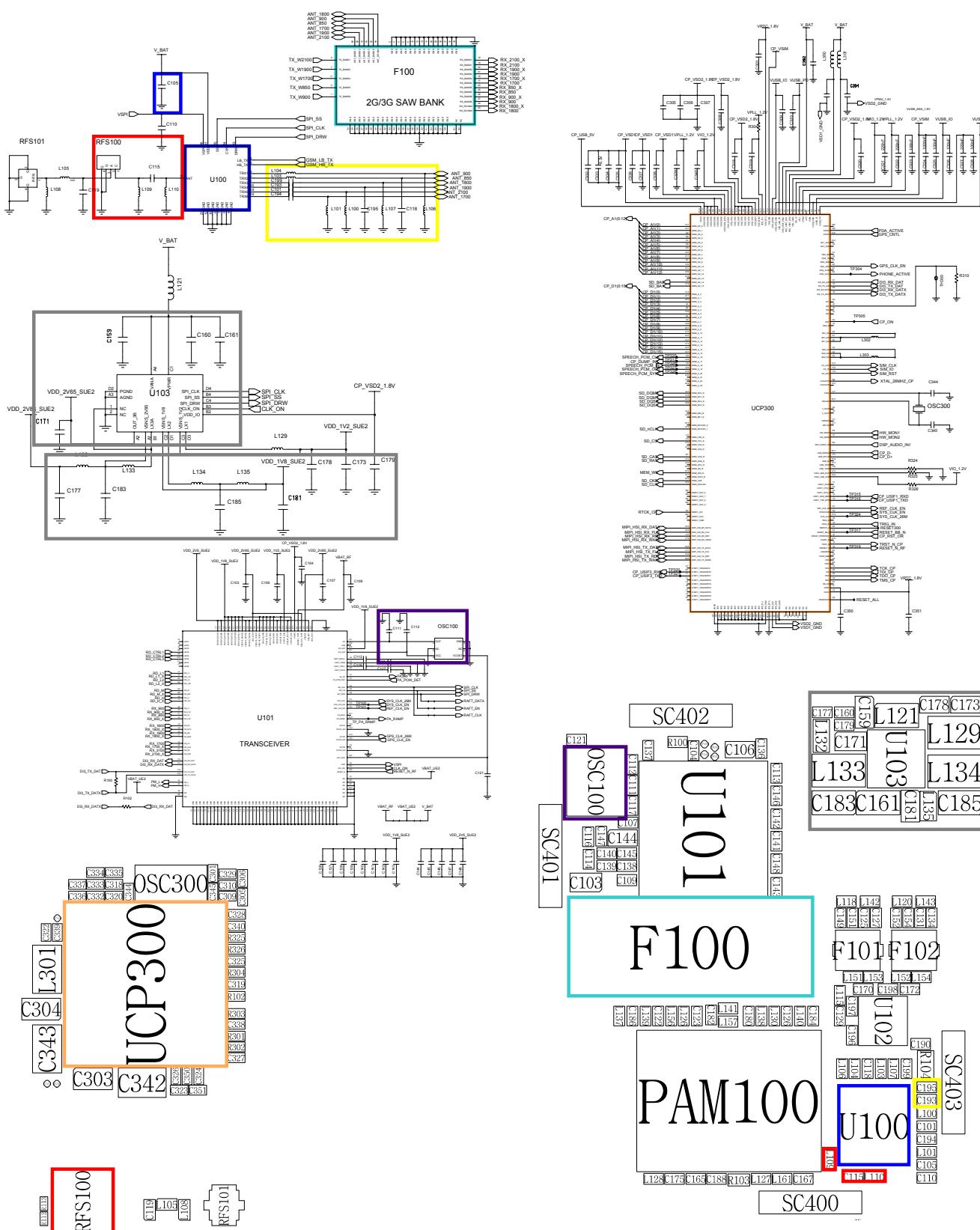
8-3-16. WCDMA Band1 RX



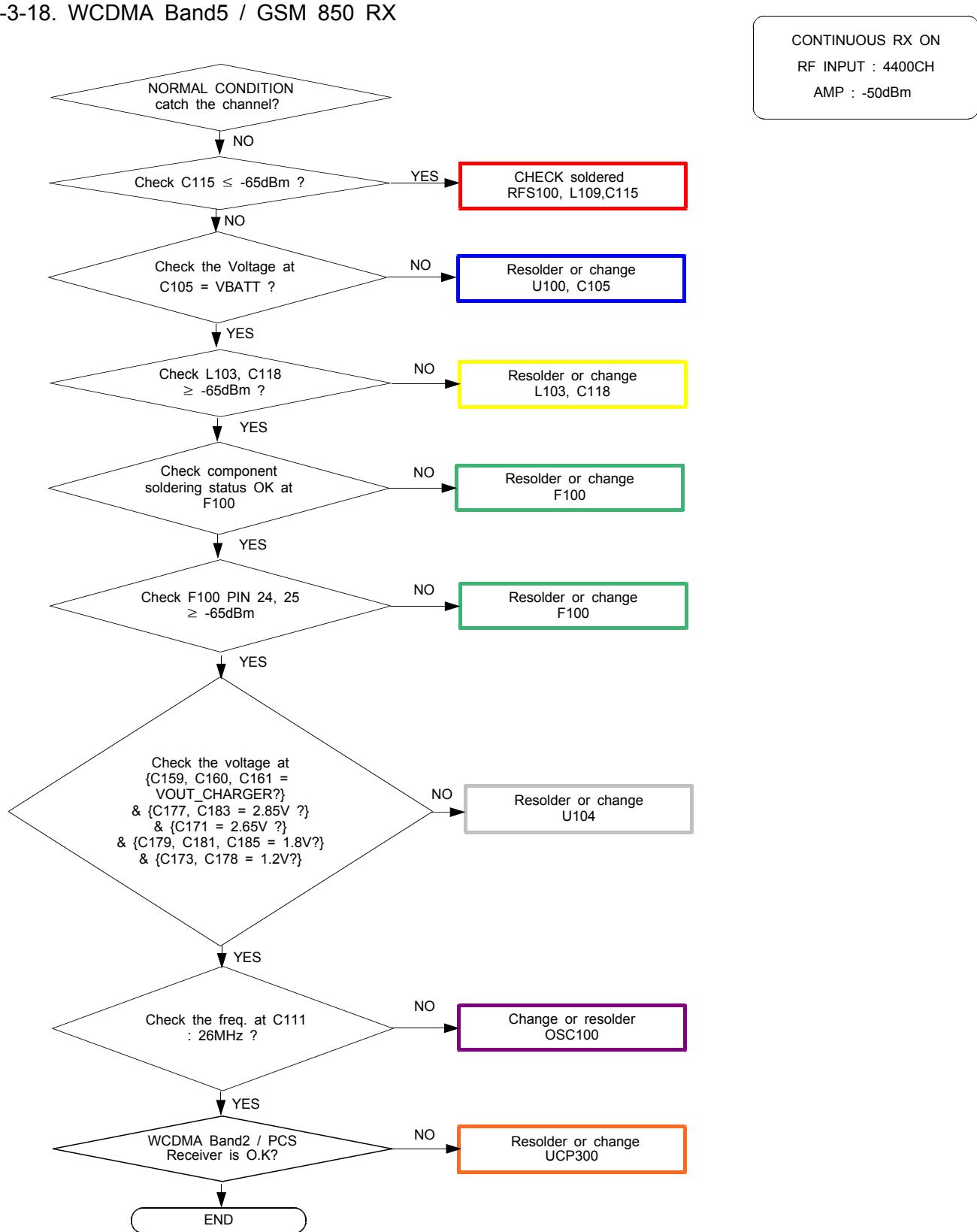


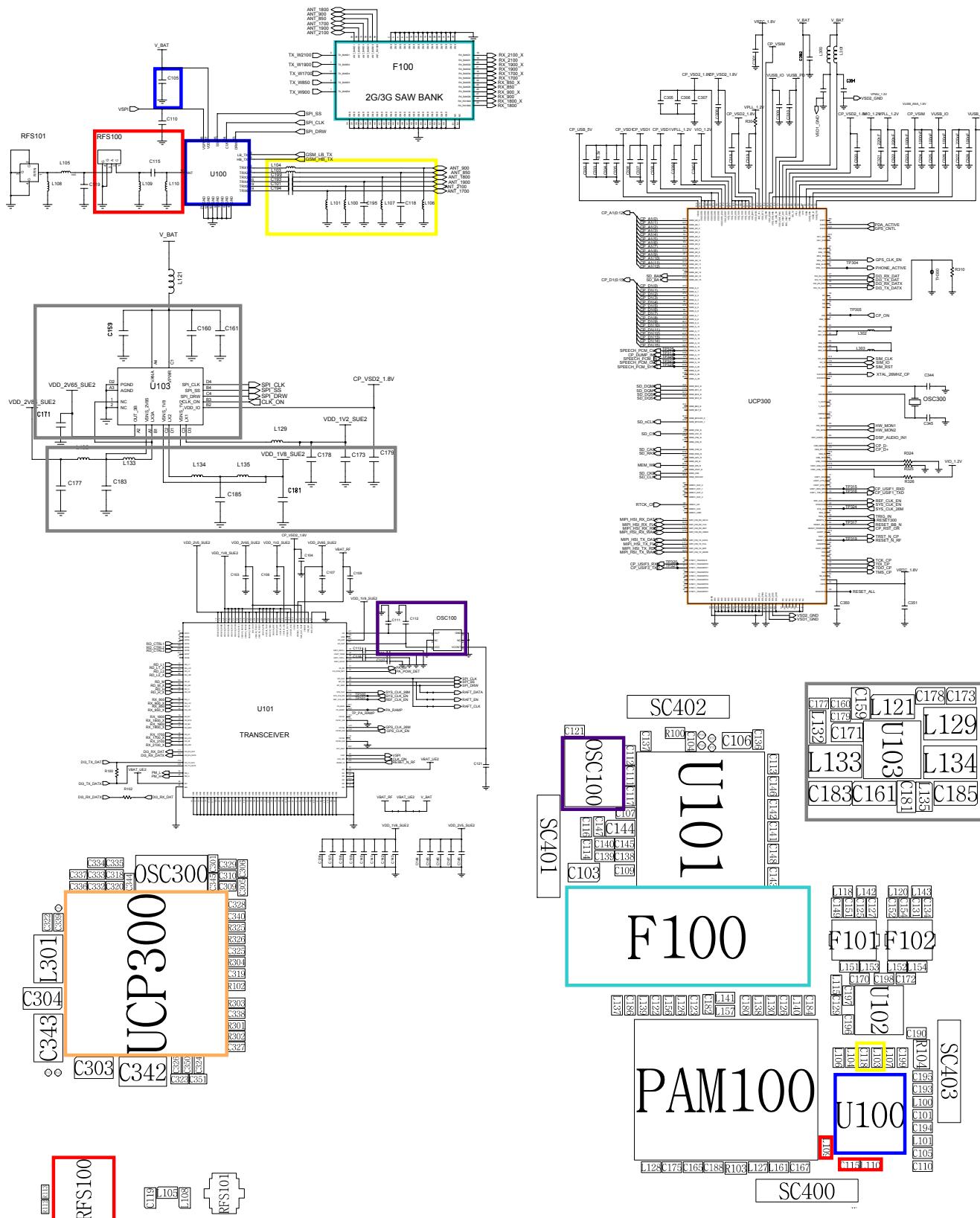
8-3-17. WCDMA Band2 / PCS 1900 RX



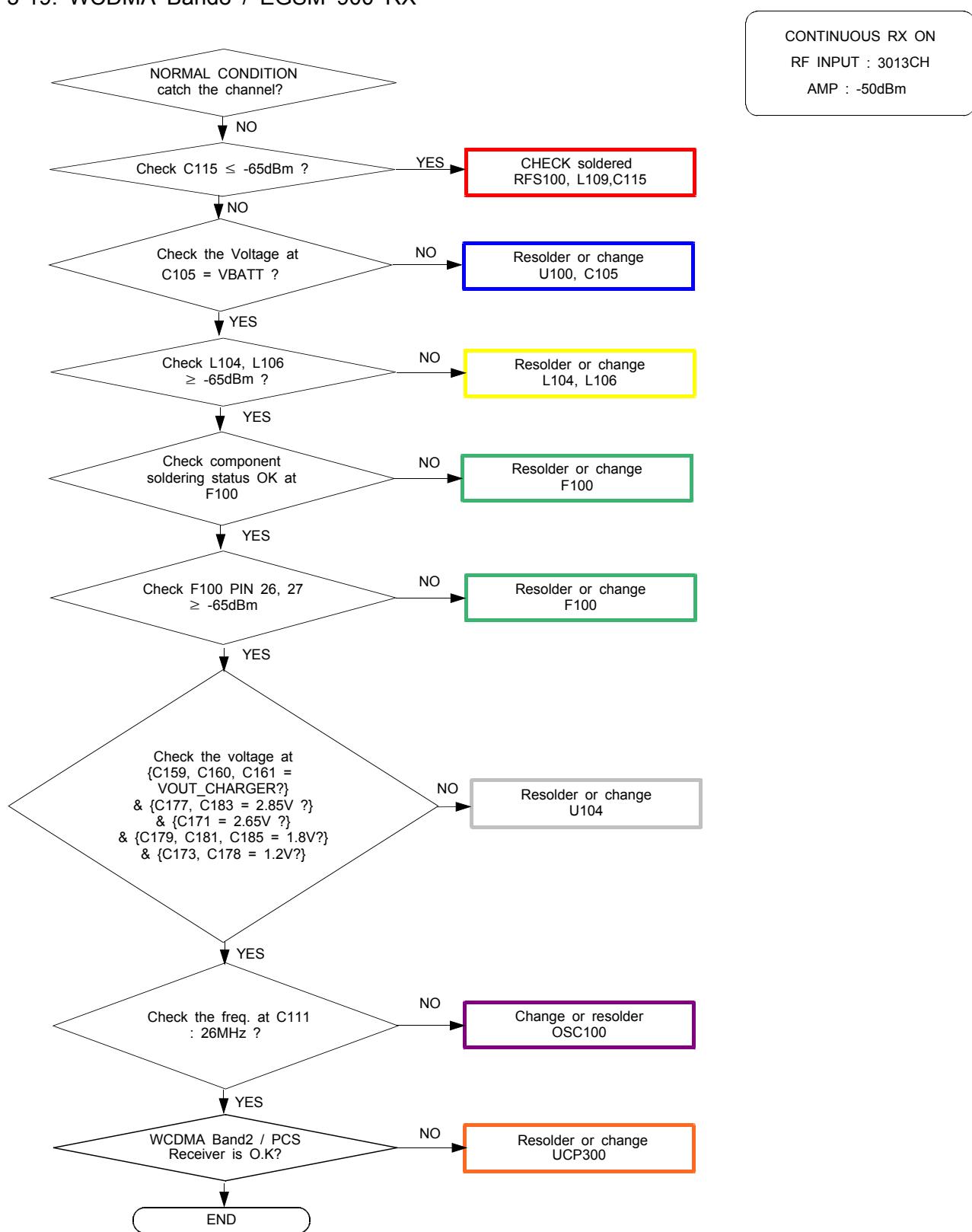


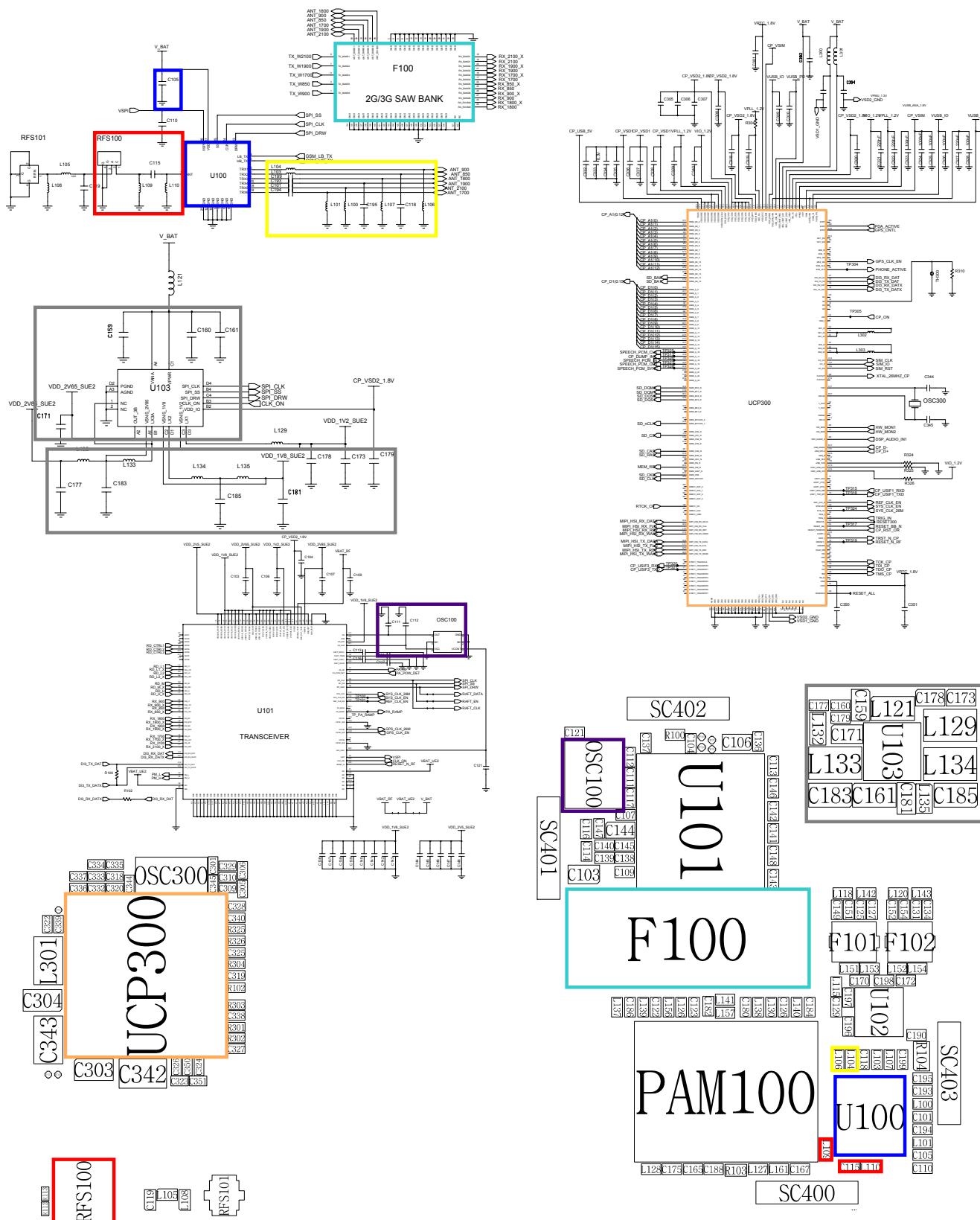
8-3-18. WCDMA Band5 / GSM 850 RX



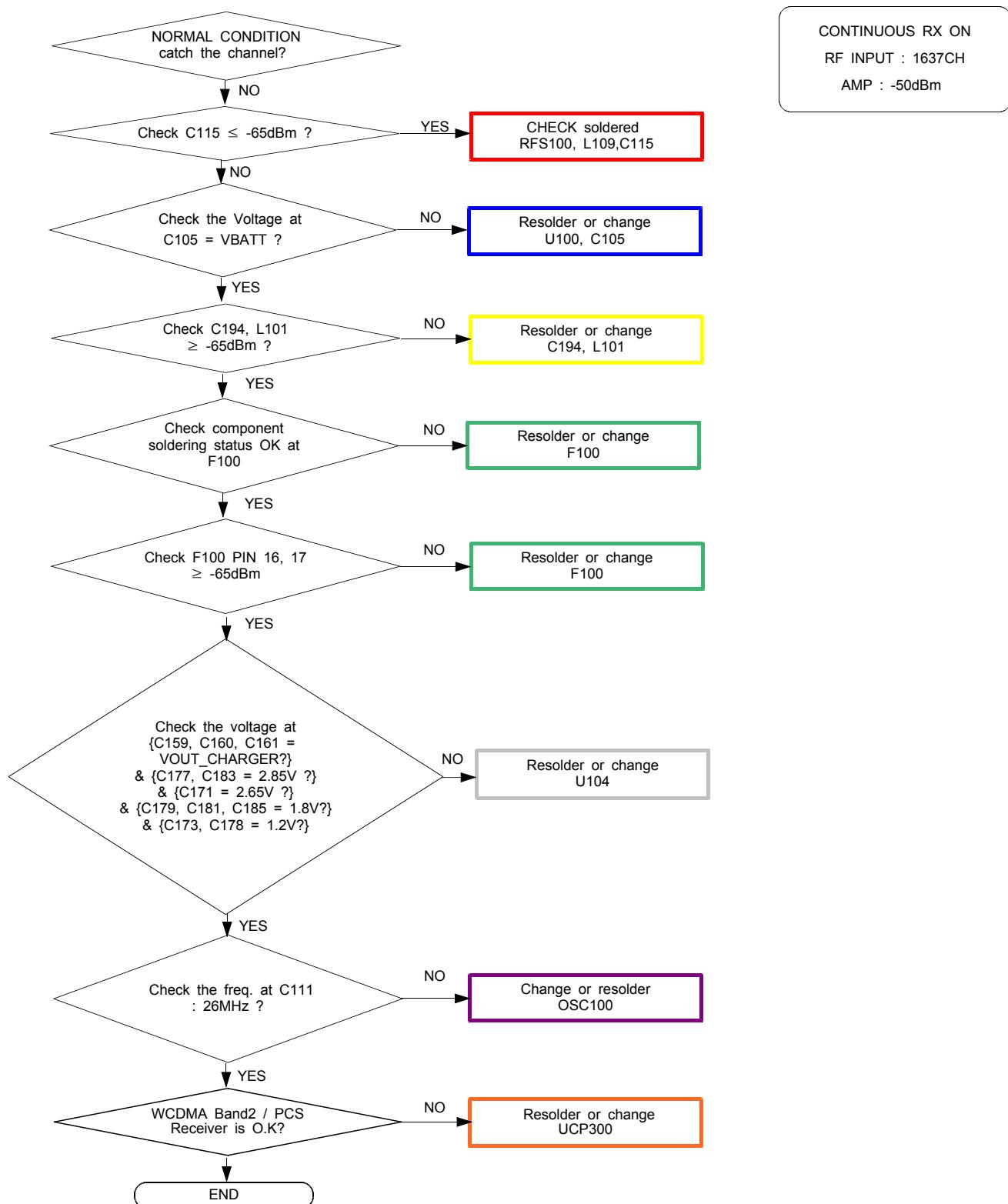


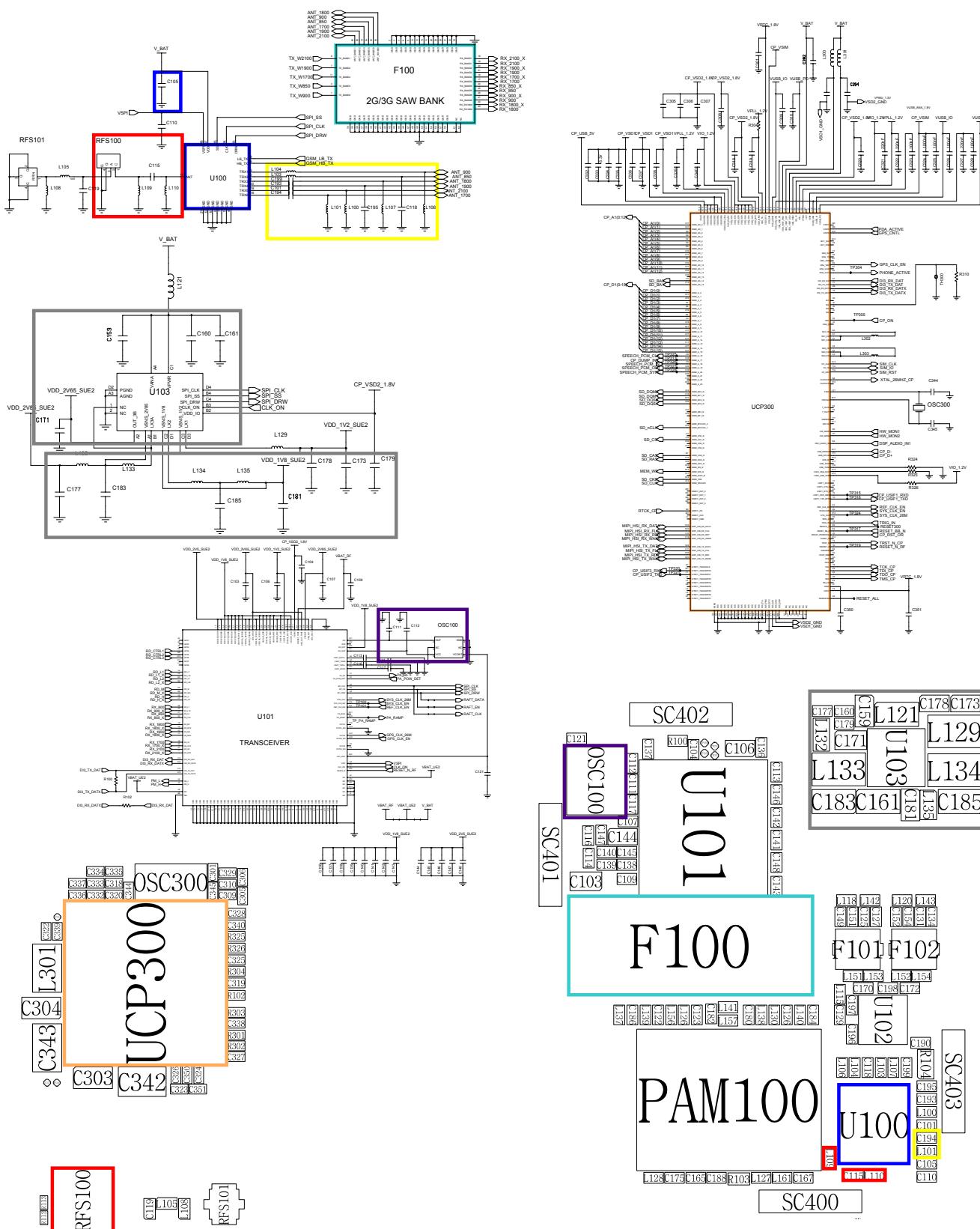
8-3-19. WCDMA Band8 / EGSM 900 RX



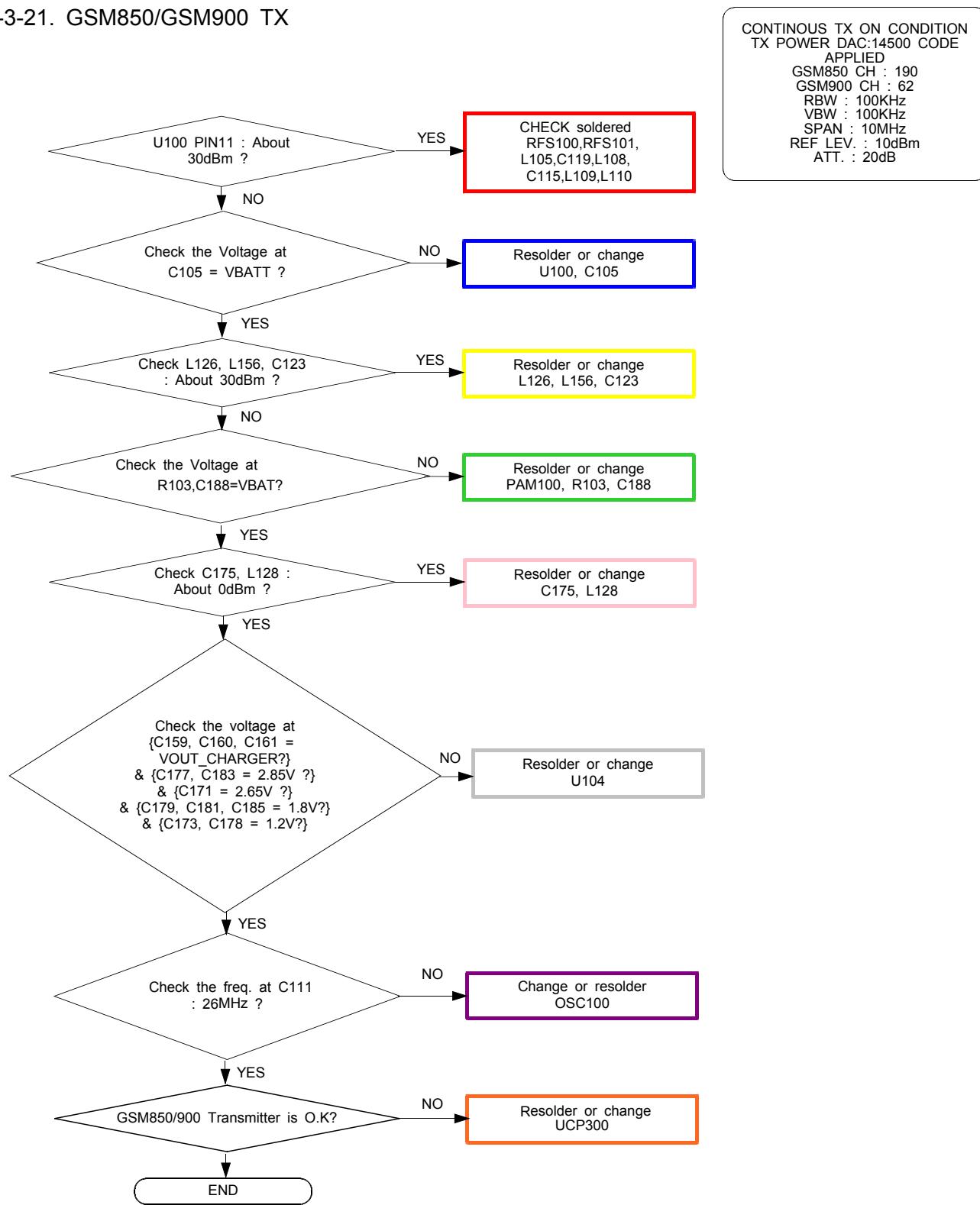


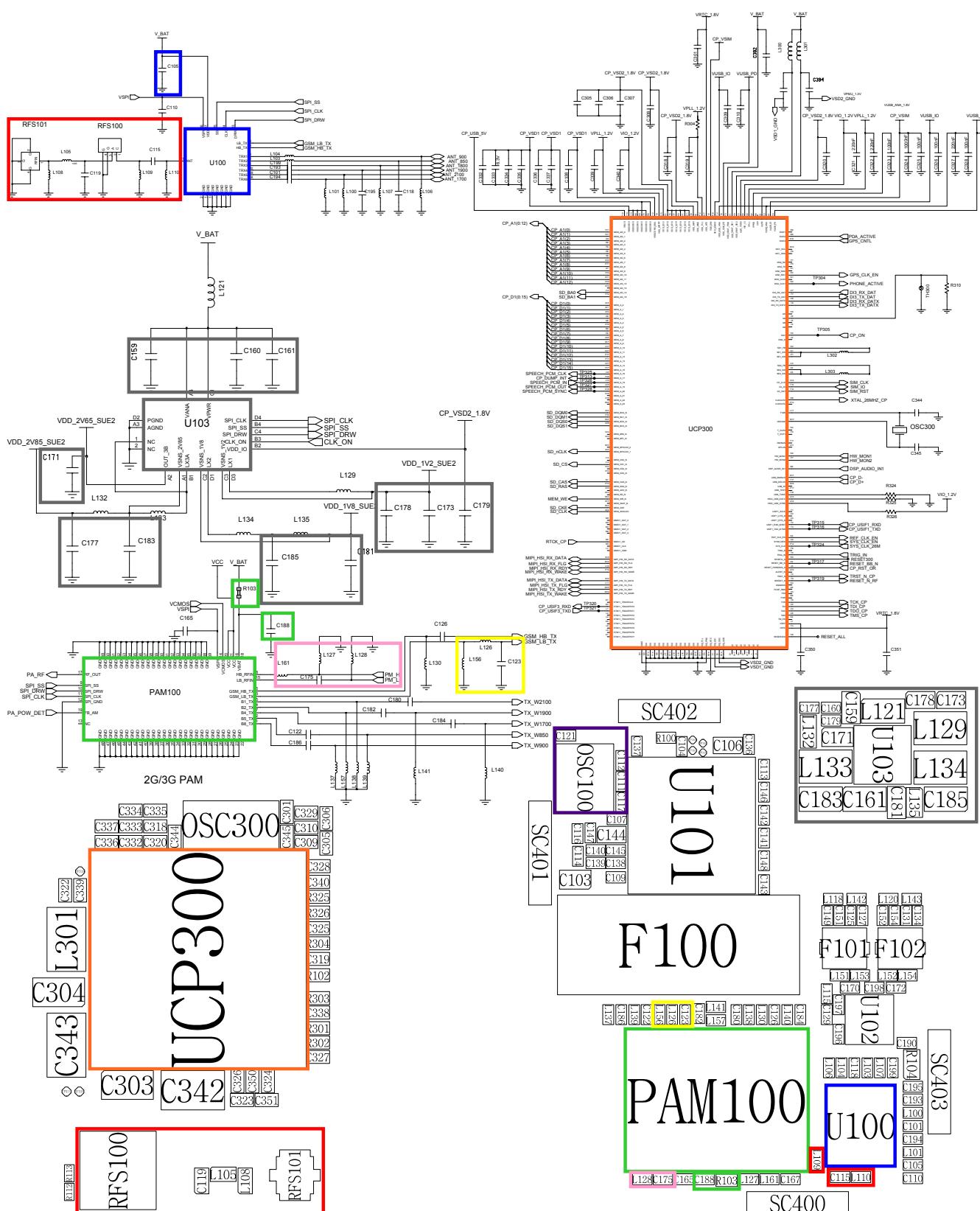
8-3-20. WCDMA Band4



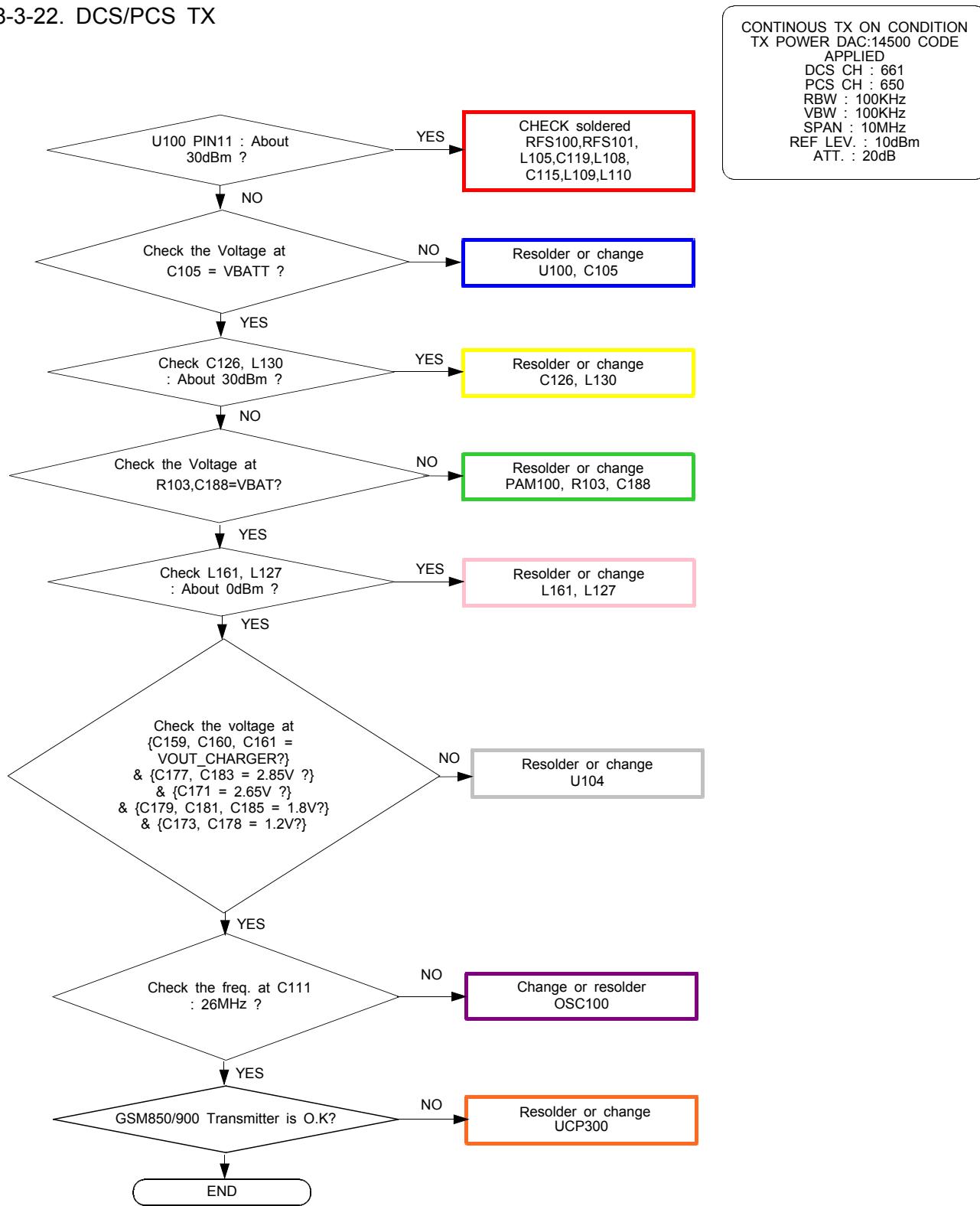


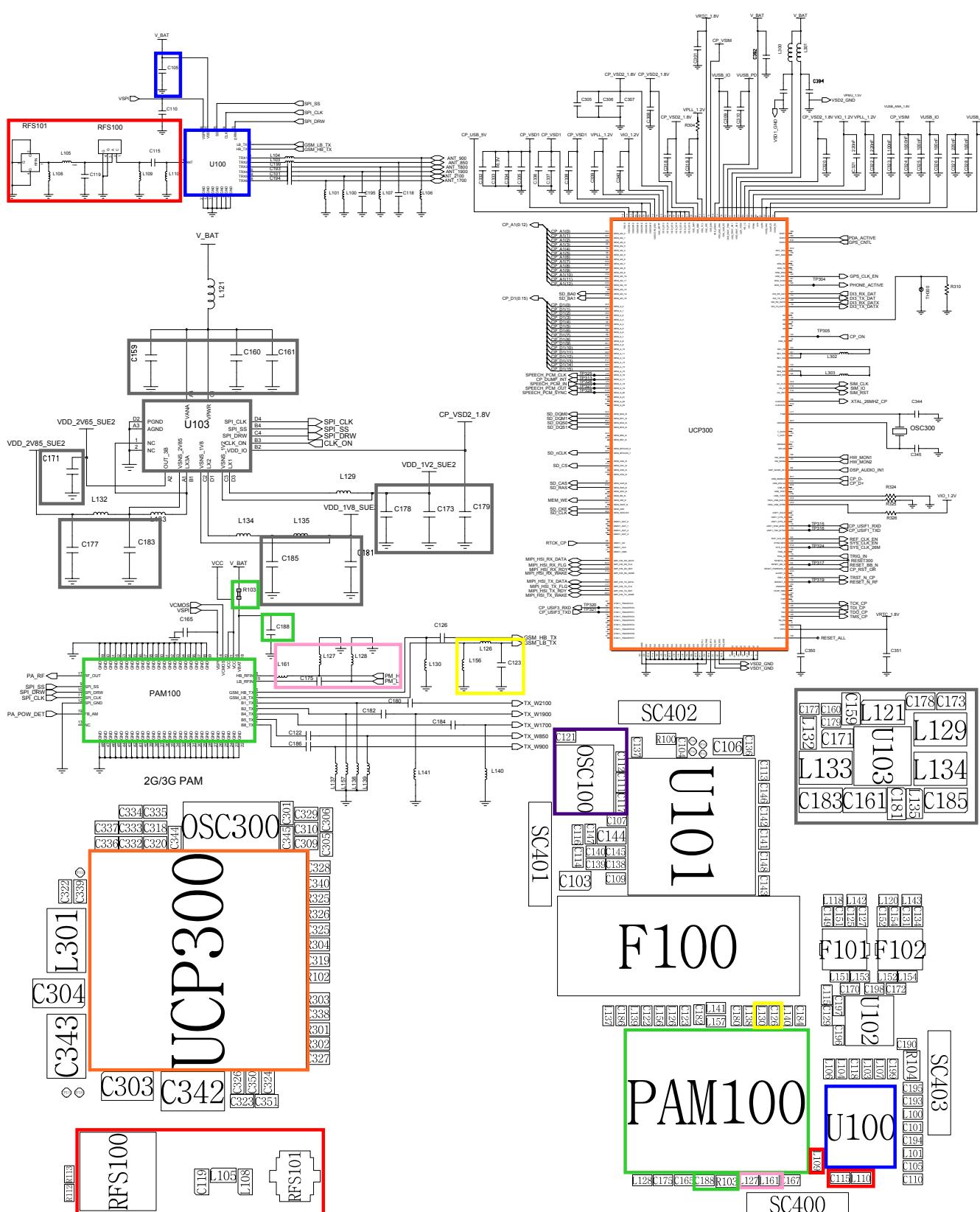
8-3-21. GSM850/GSM900 TX



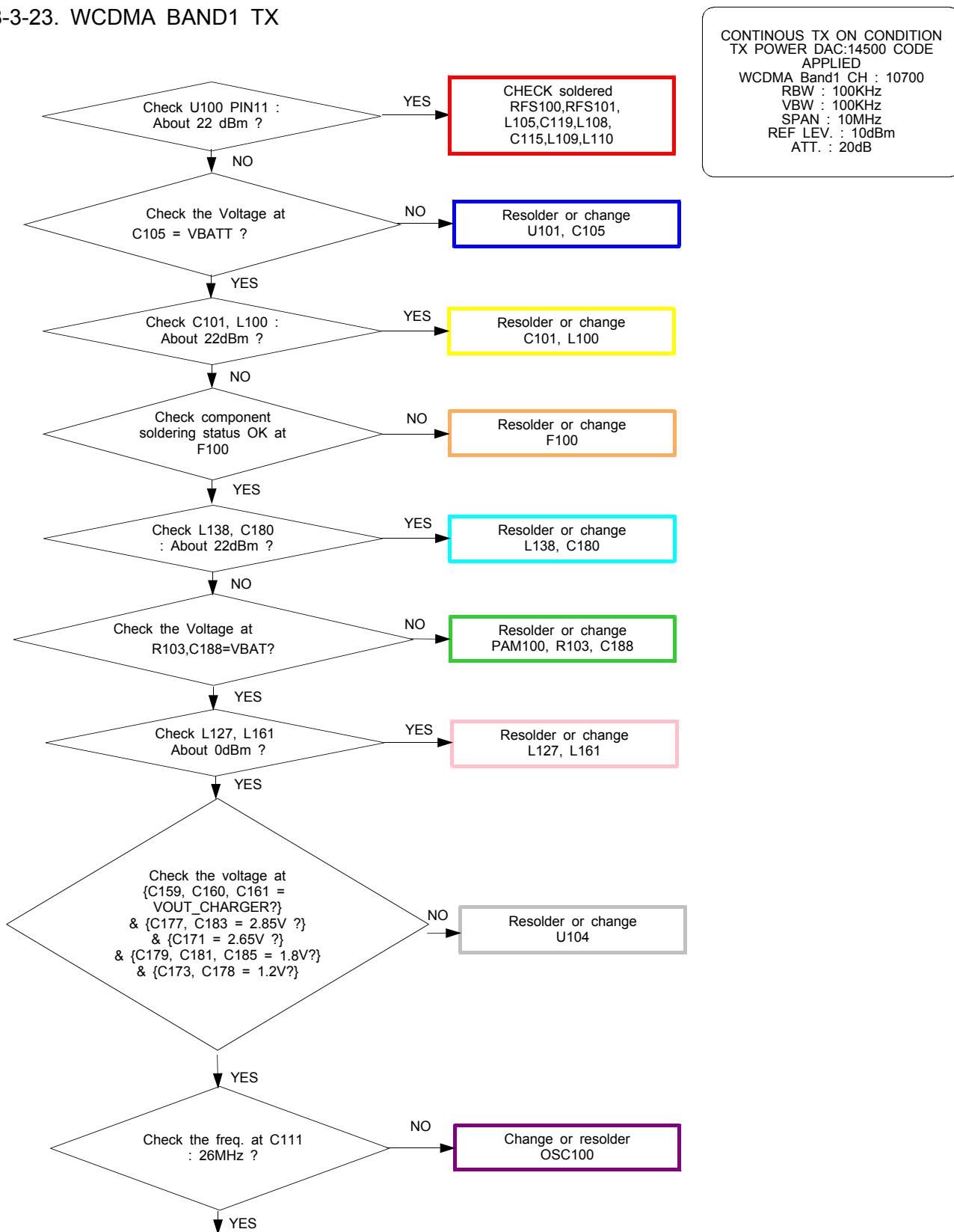


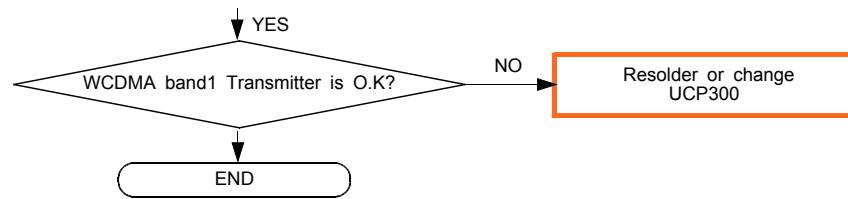
8-3-22. DCS/PCS TX

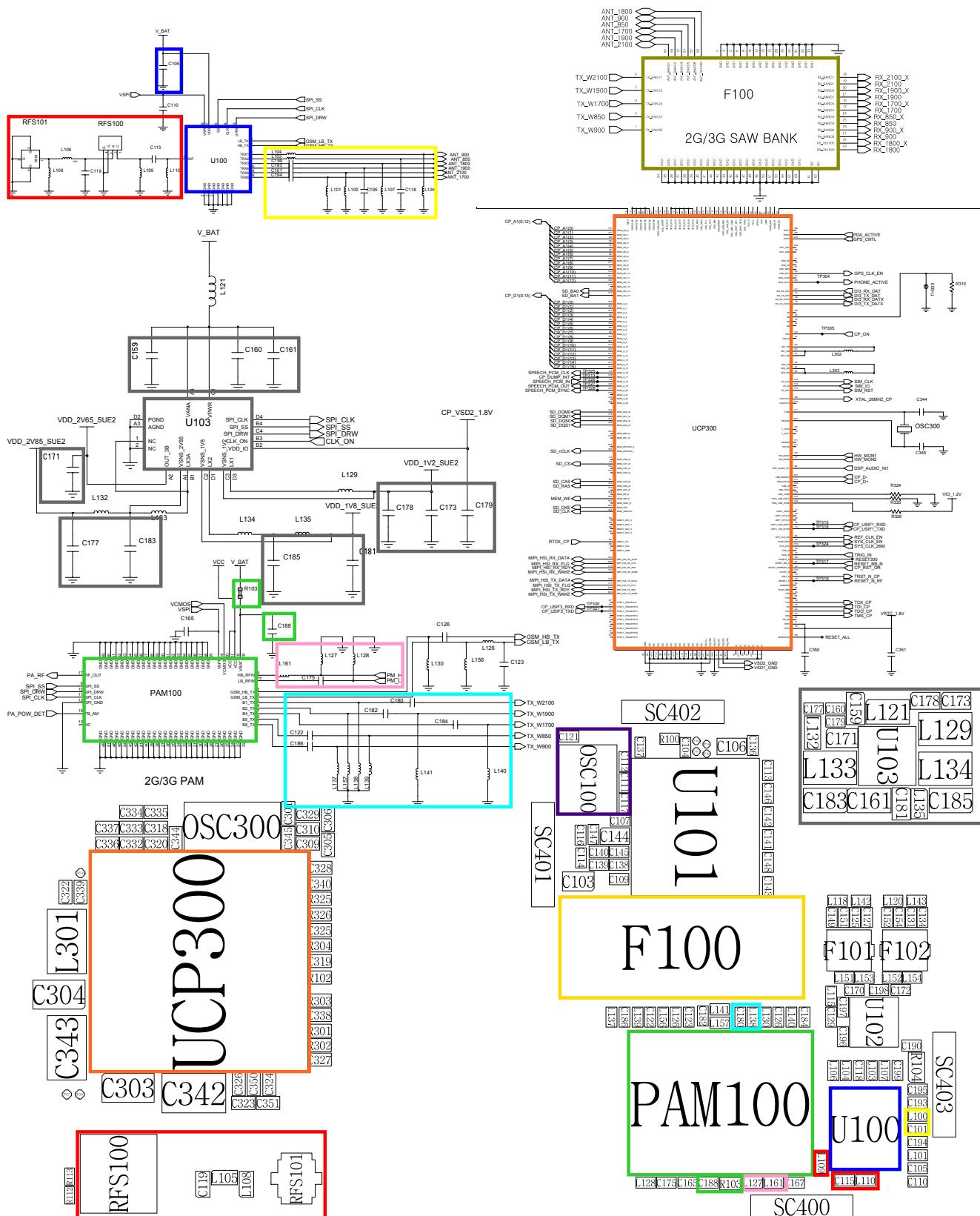




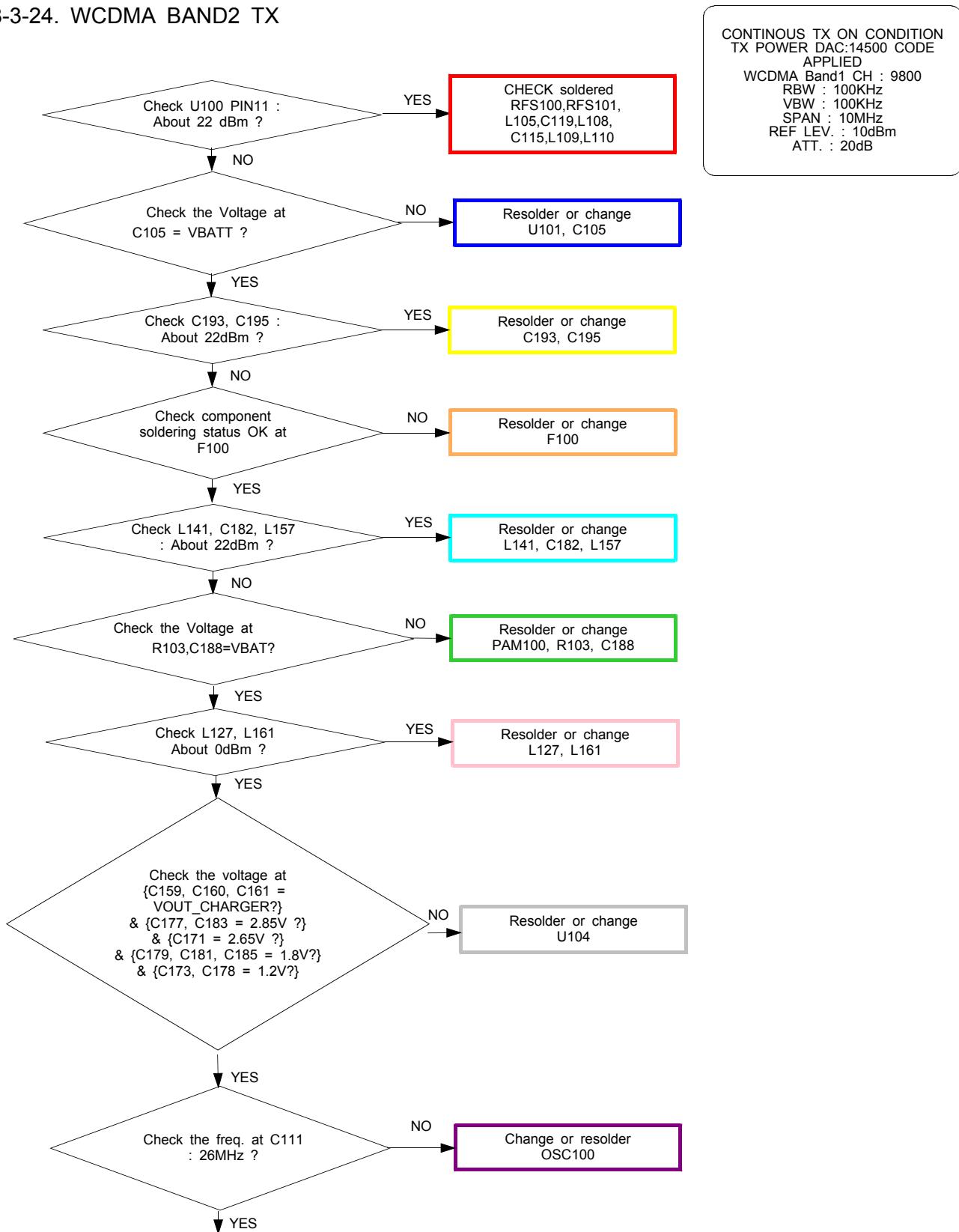
8-3-23. WCDMA BAND1 TX

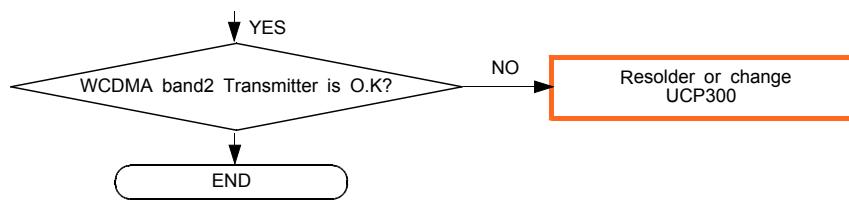


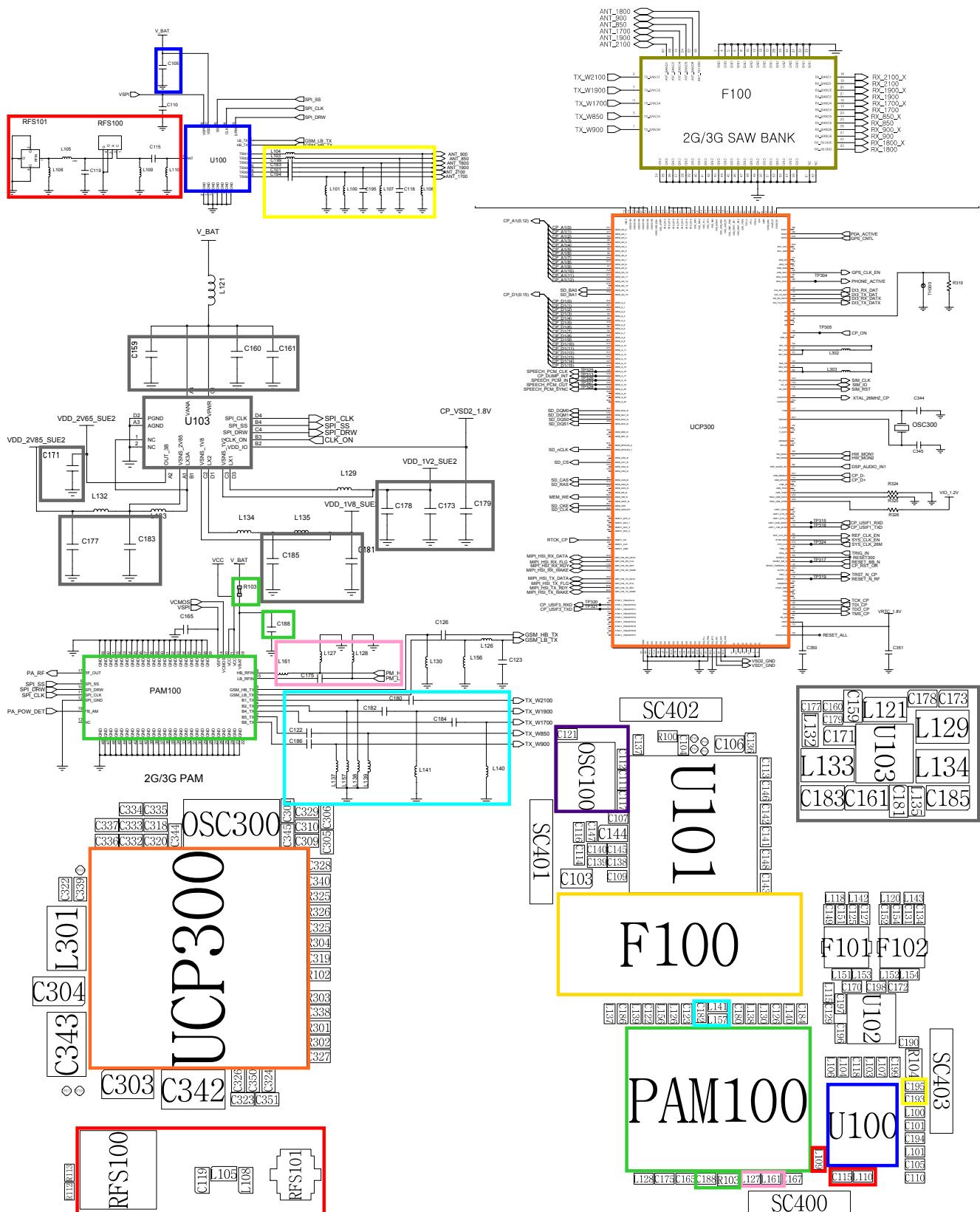




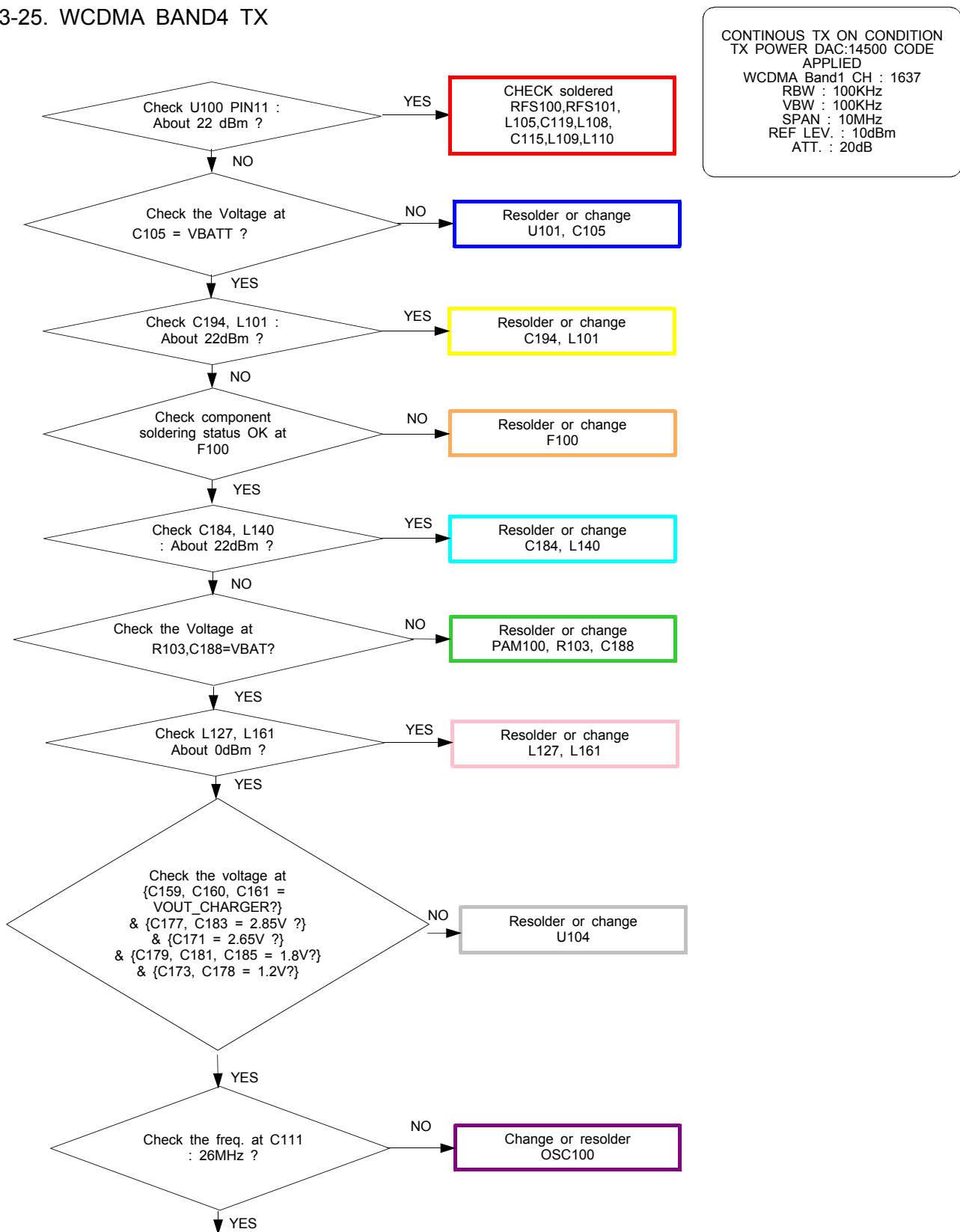
8-3-24. WCDMA BAND2 TX

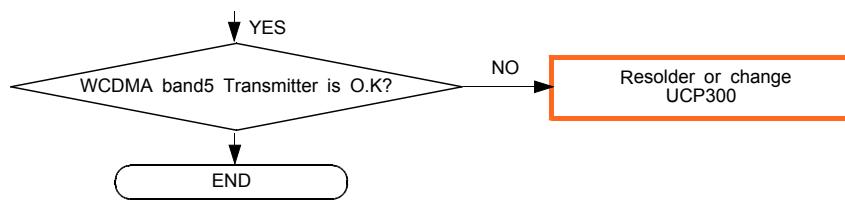


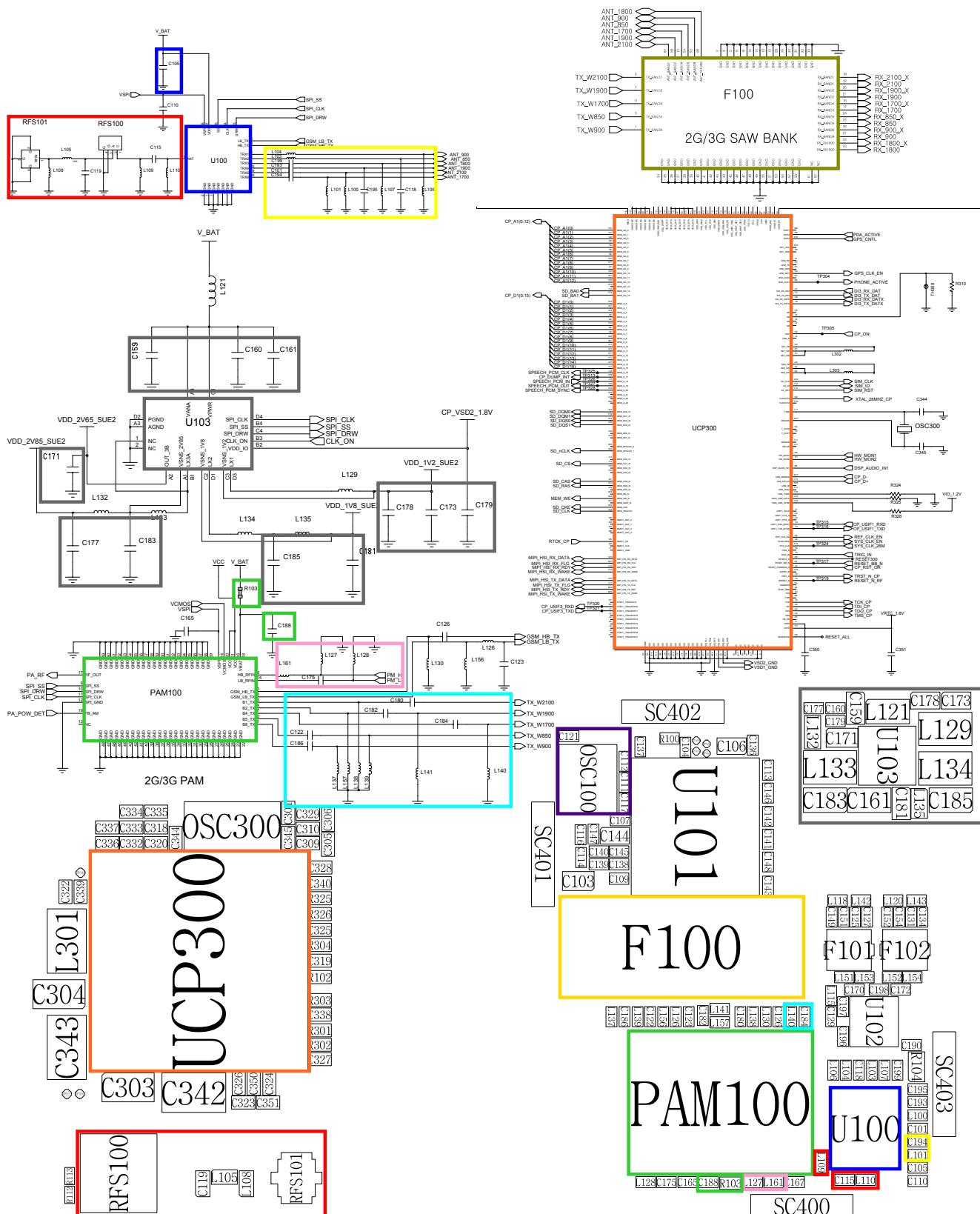




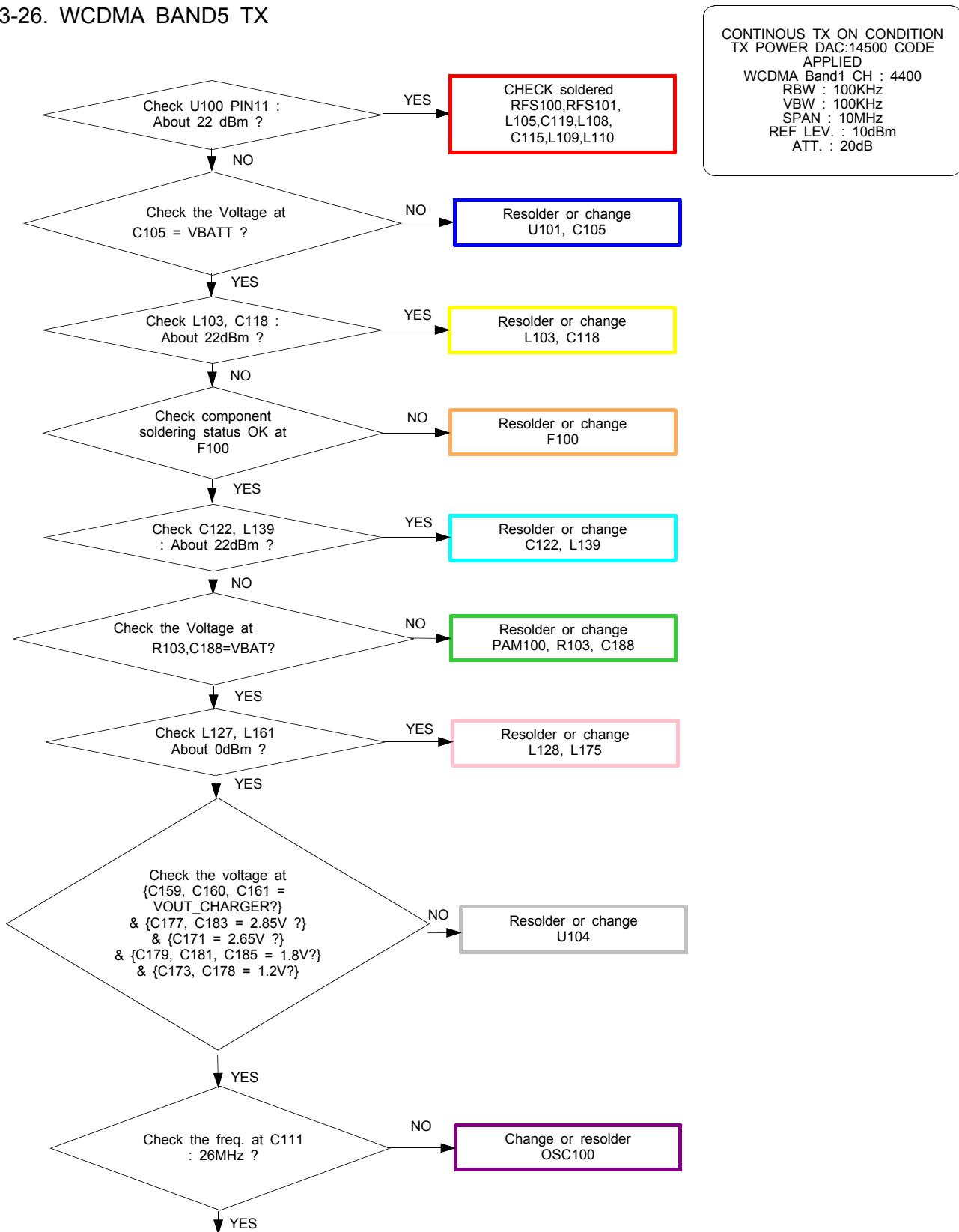
8-3-25. WCDMA BAND4 TX

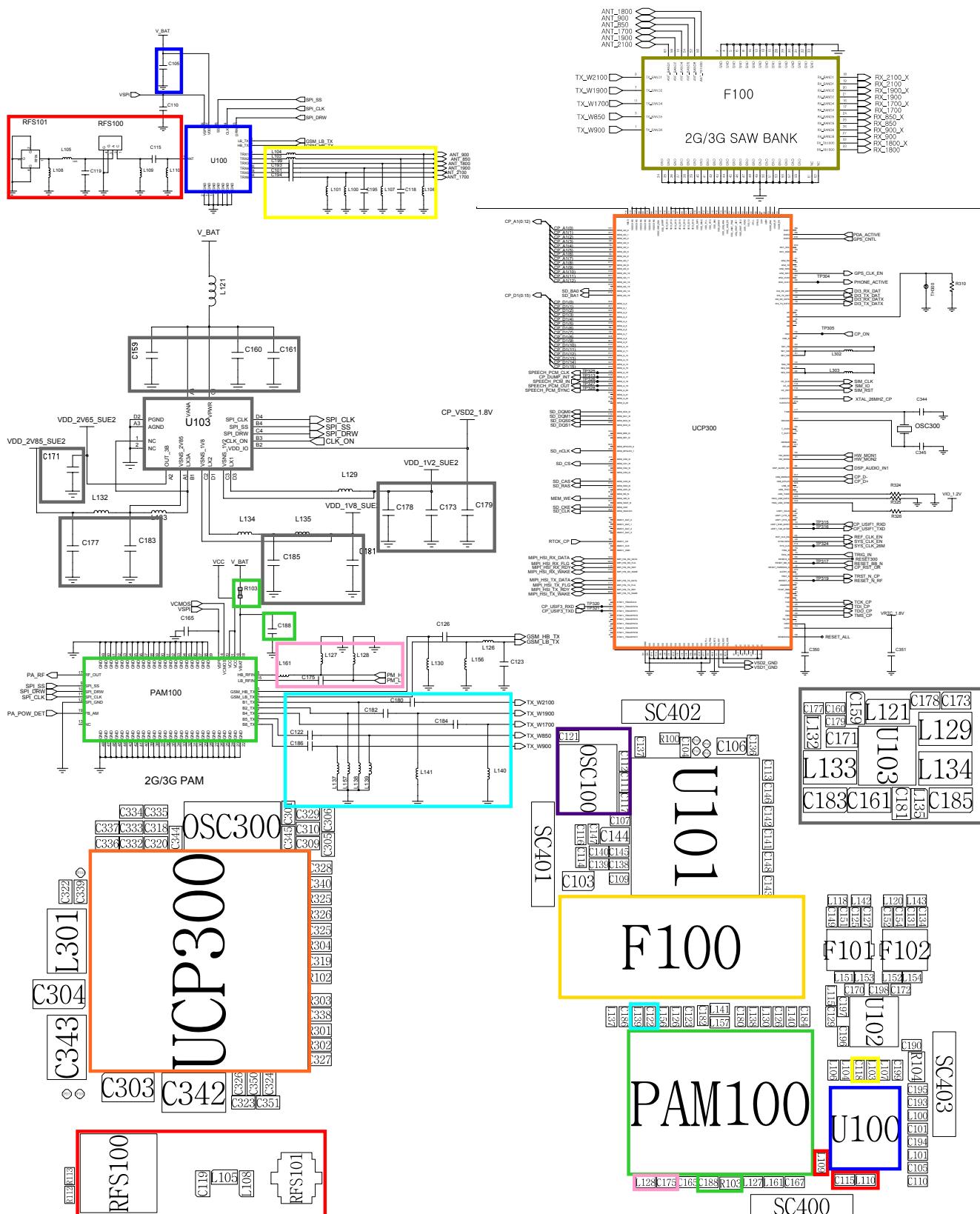




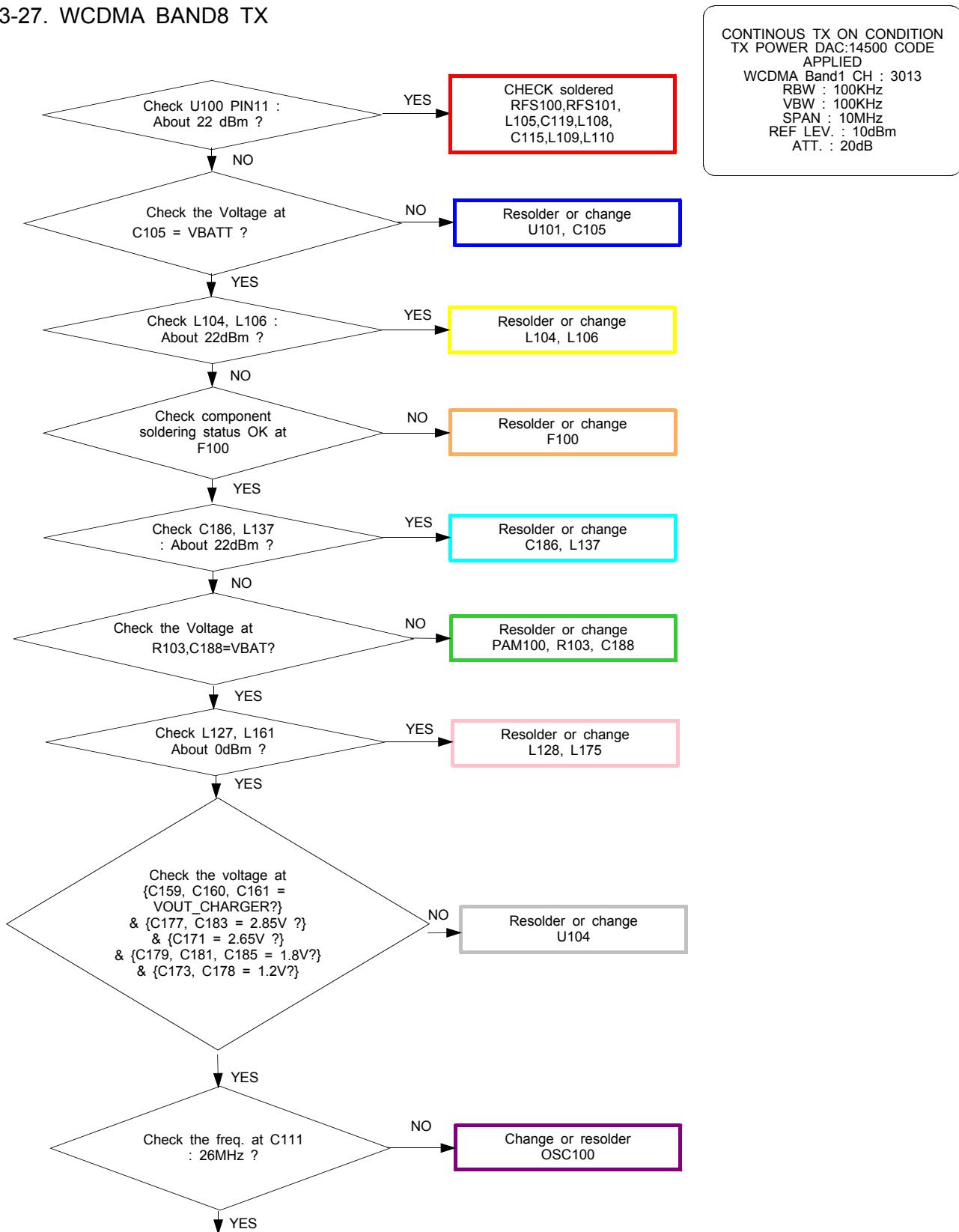


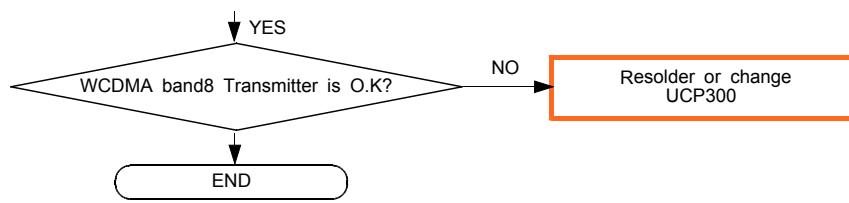
8-3-26. WCDMA BAND5 TX

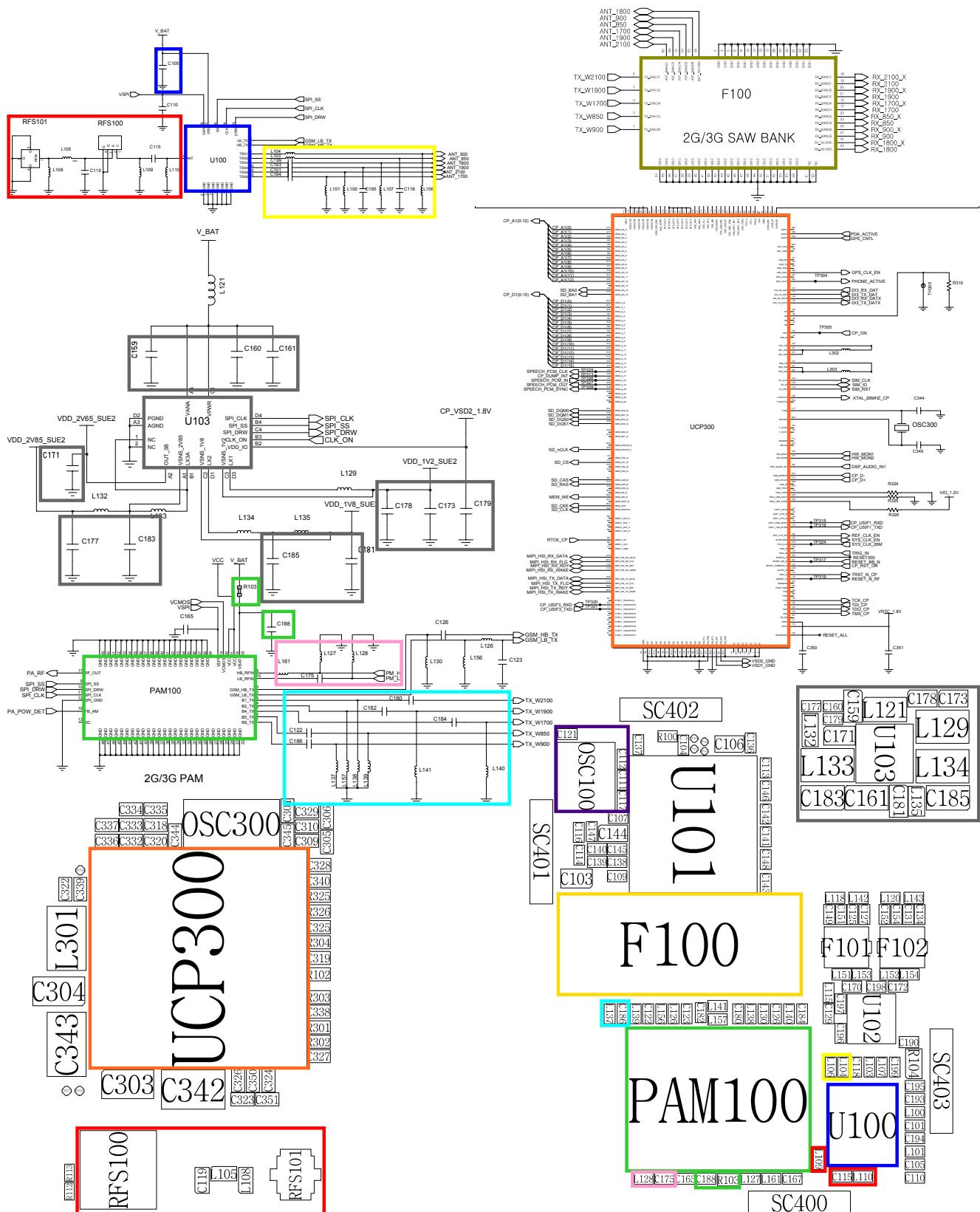




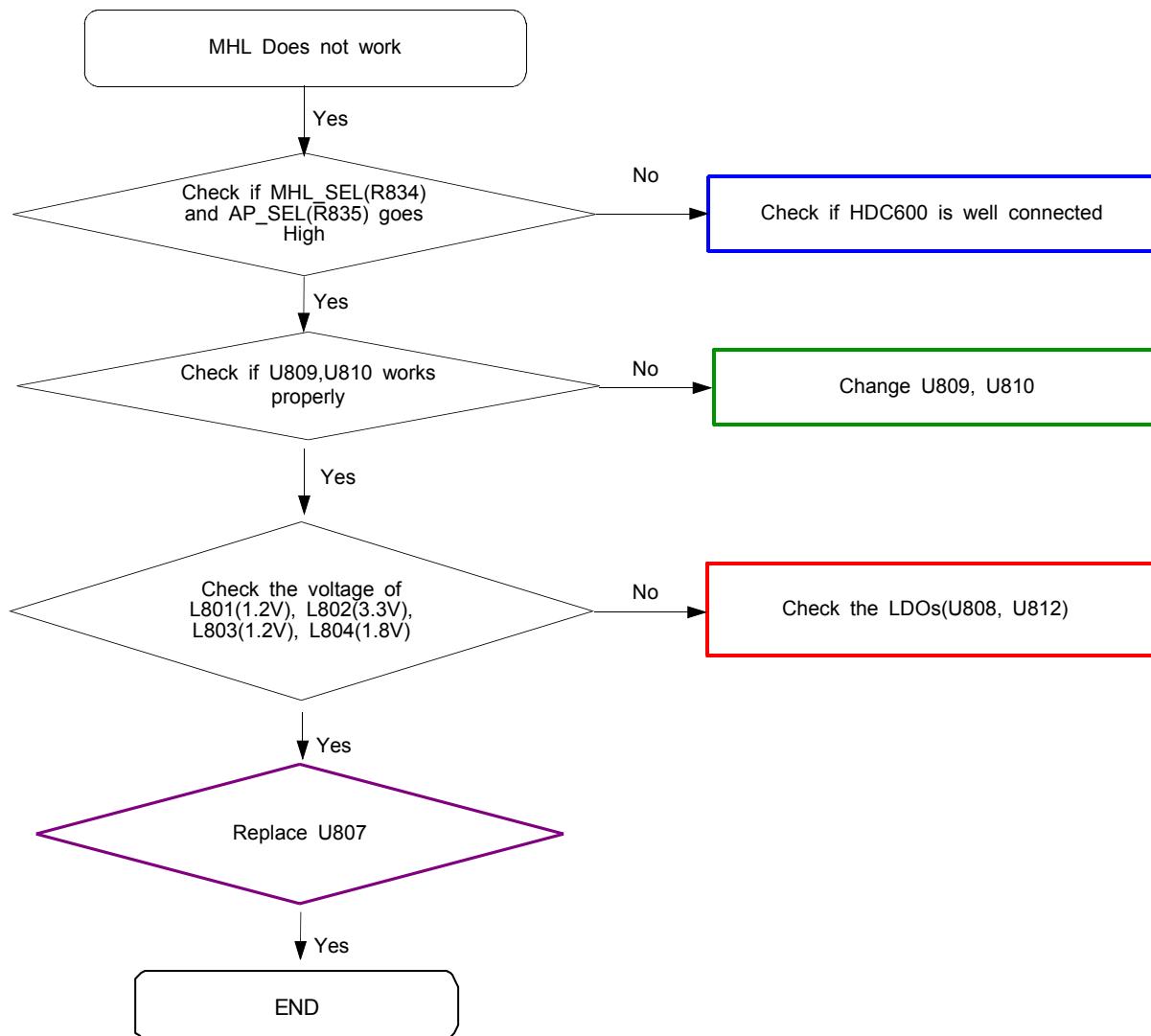
8-3-27. WCDMA BAND8 TX

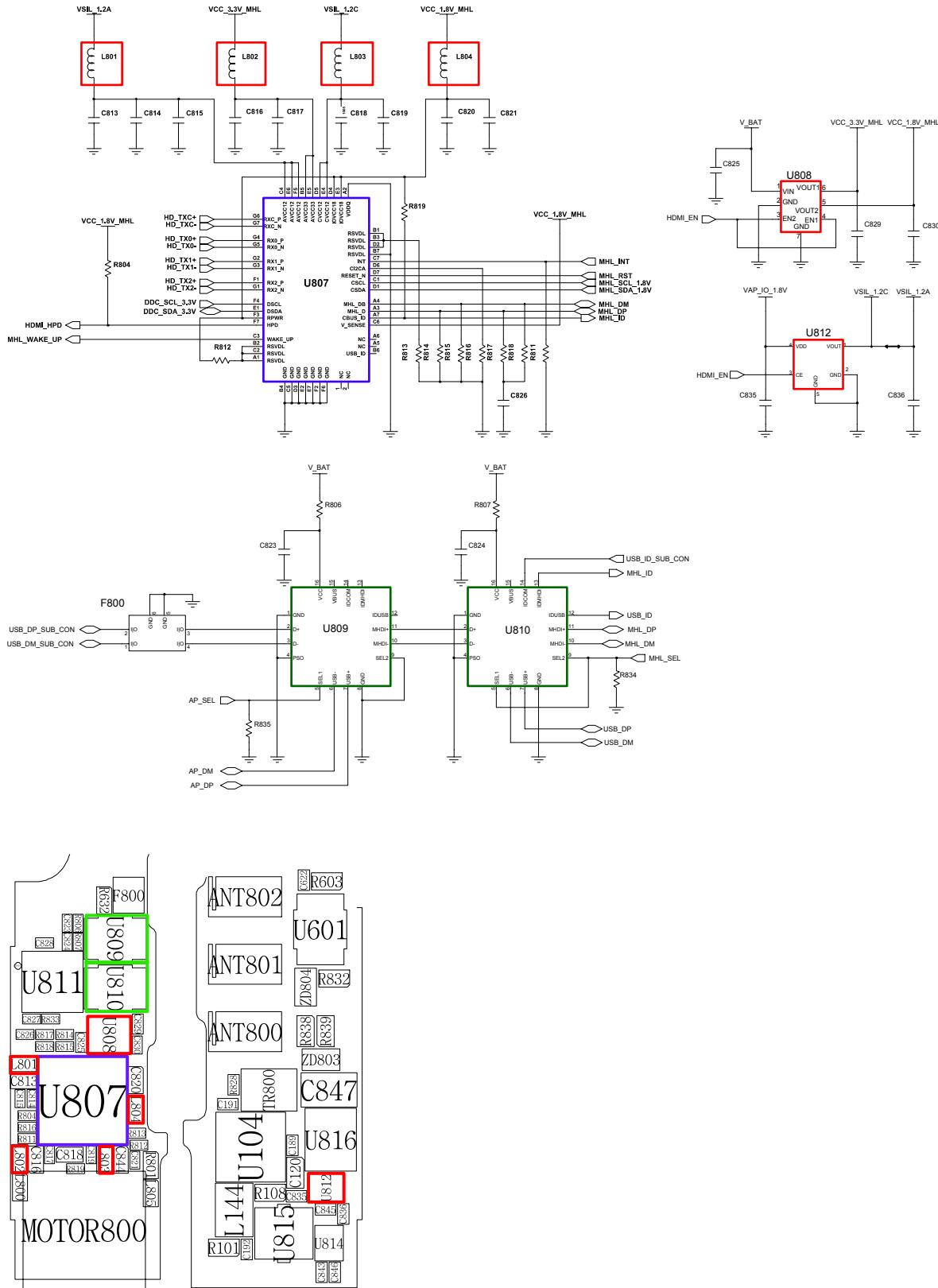






8-3-28. MHL





8-3-29. OTG

