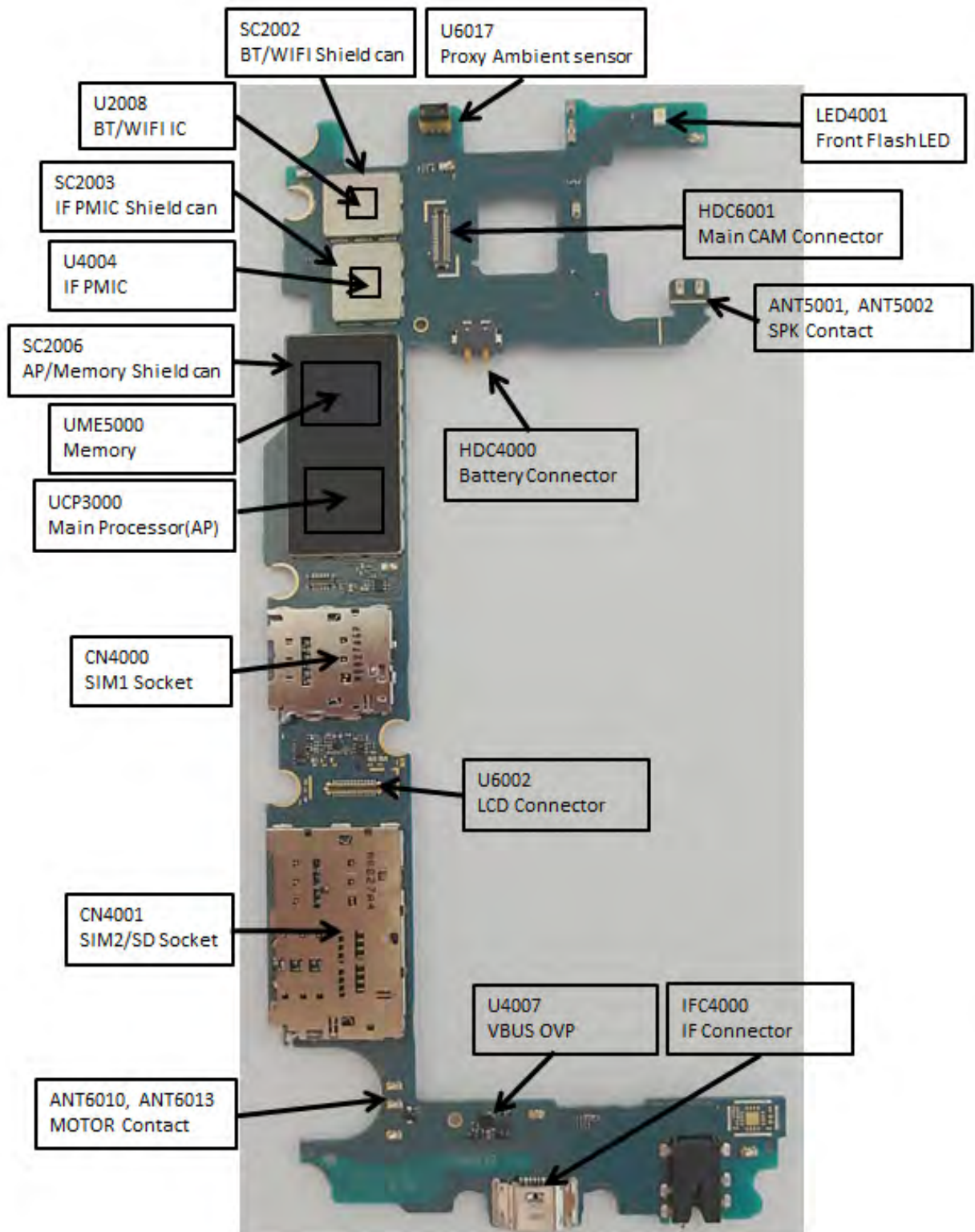
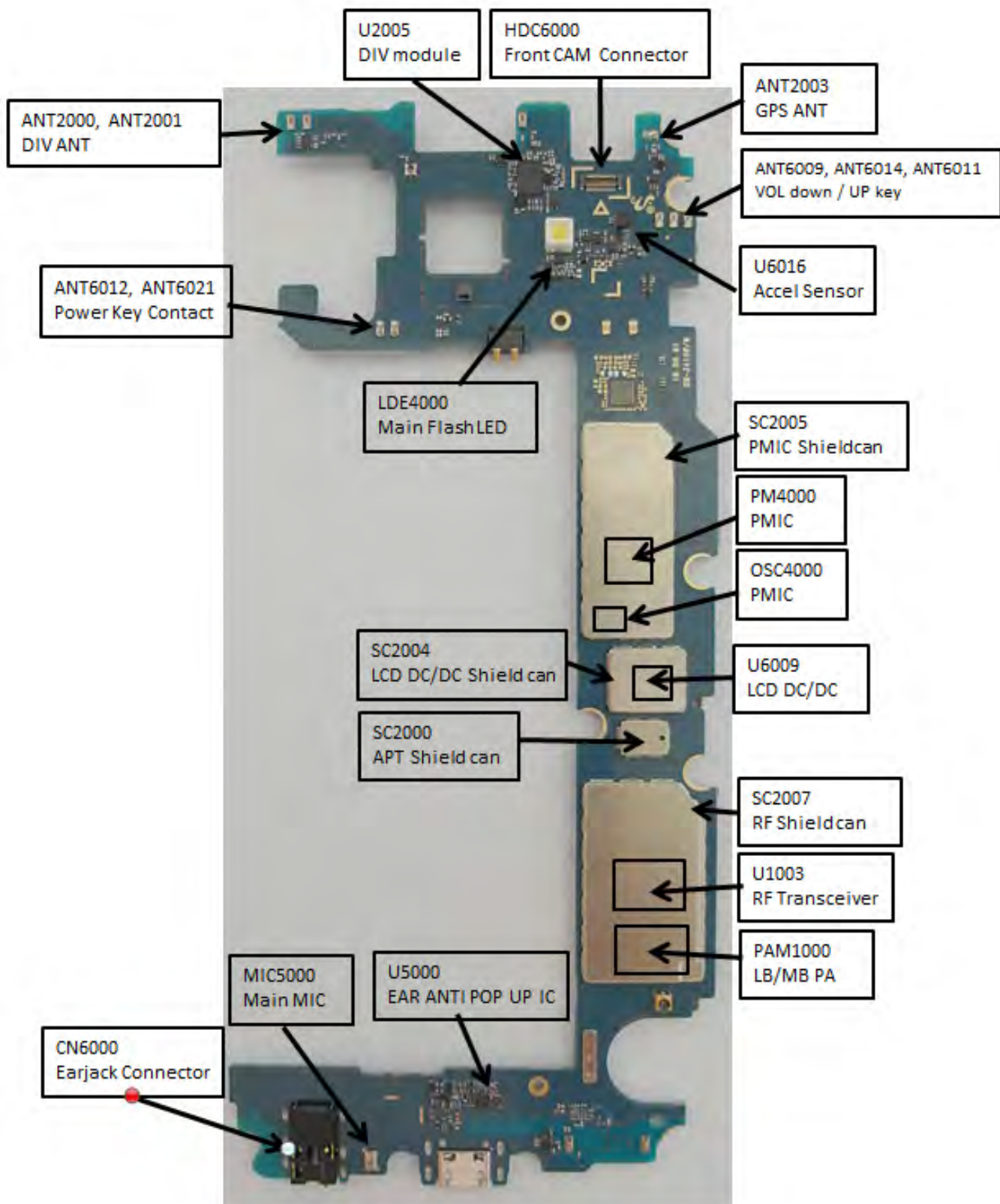


8. Level 3 Repair

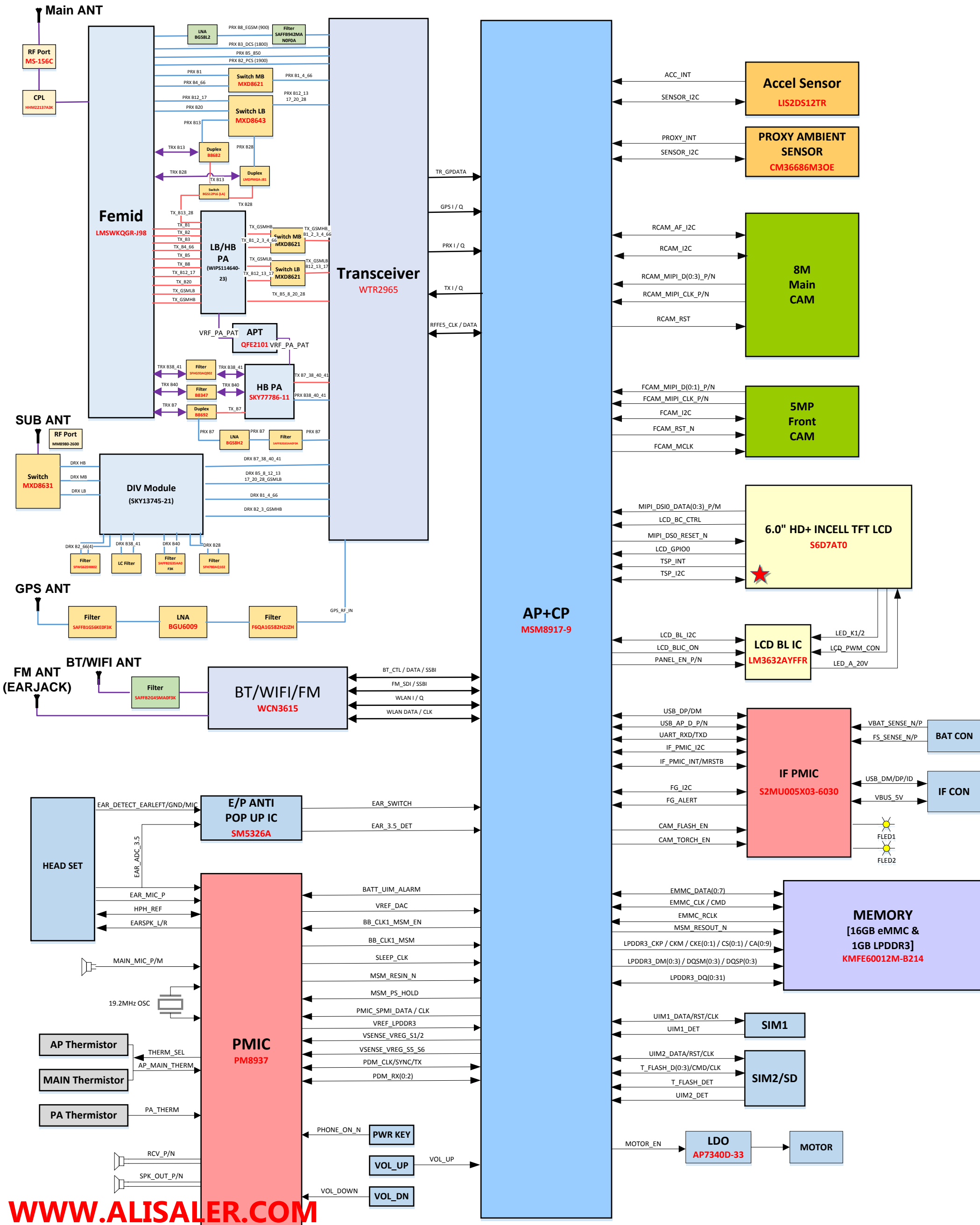
8-1. Components Layout



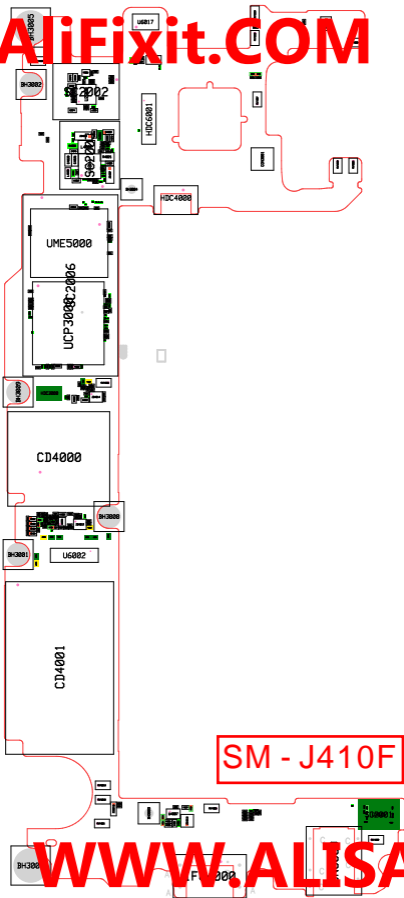
8. Level 3 Repair



SM-J410x Block Diagram

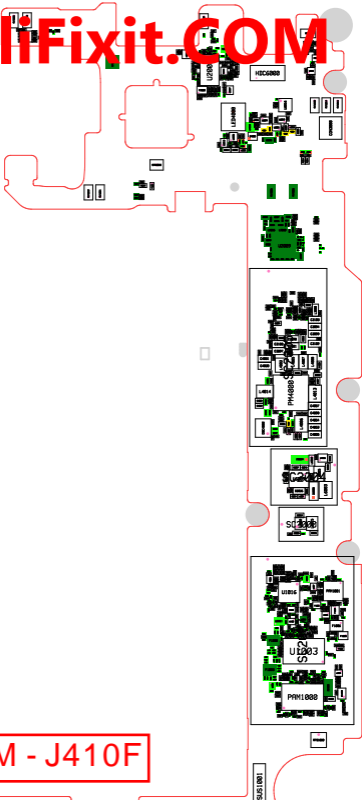


AliFixit.COM



WWW.ALISA

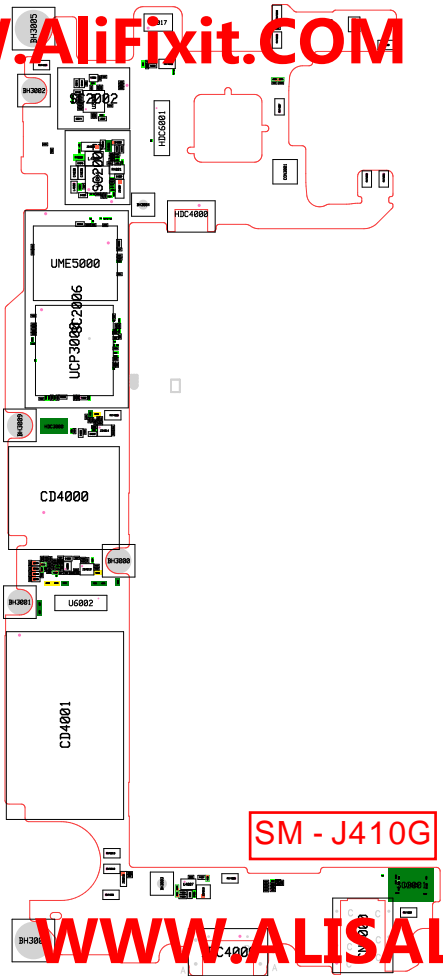
AliFixit.COM



SM - J410F

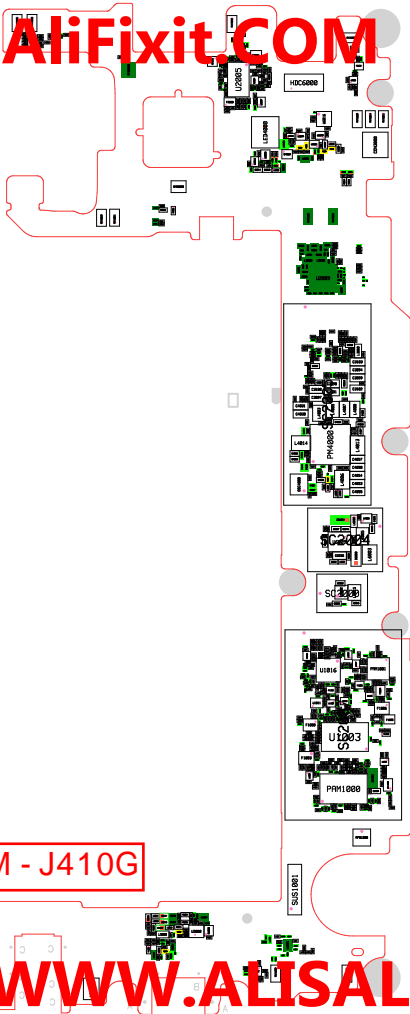
WWW.ALISA

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WWW.ALIFIXIT.COM

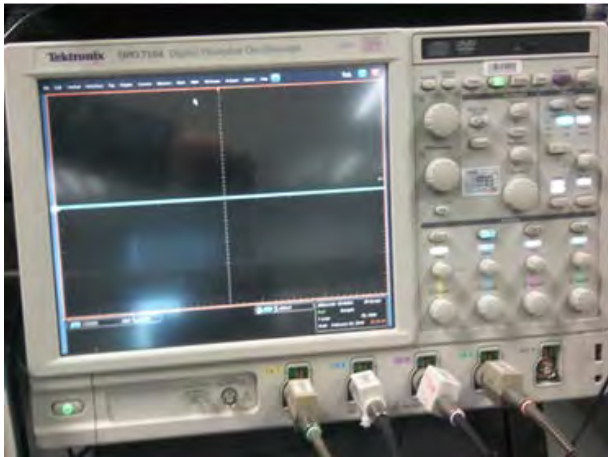


SM - J410G

WWW.ALISALI.COM

8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



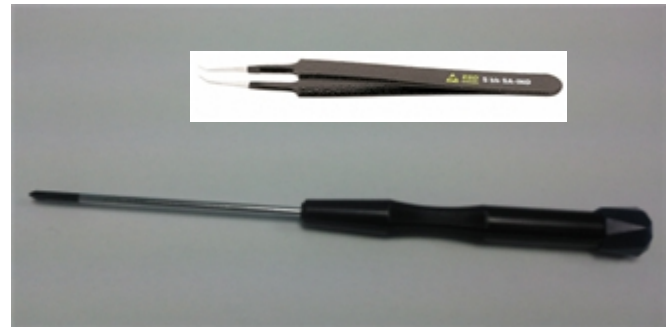
Oscilloscope



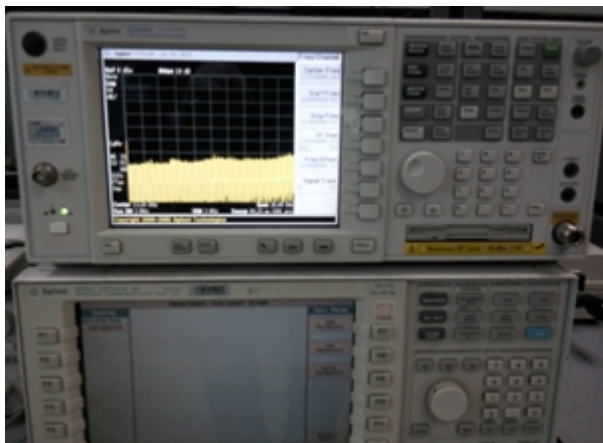
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



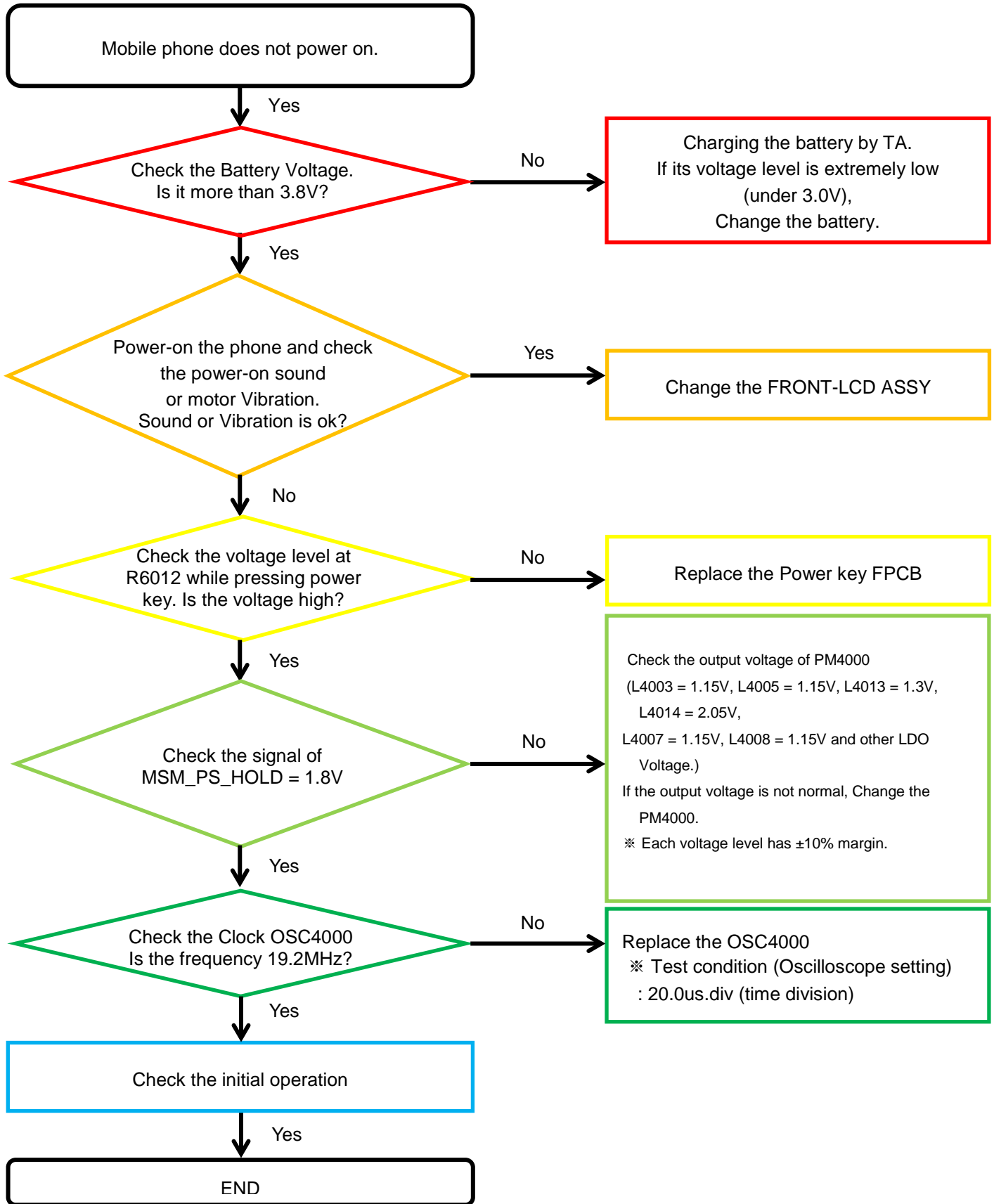
8960 & Spectrum Analyzer



Soldering iron

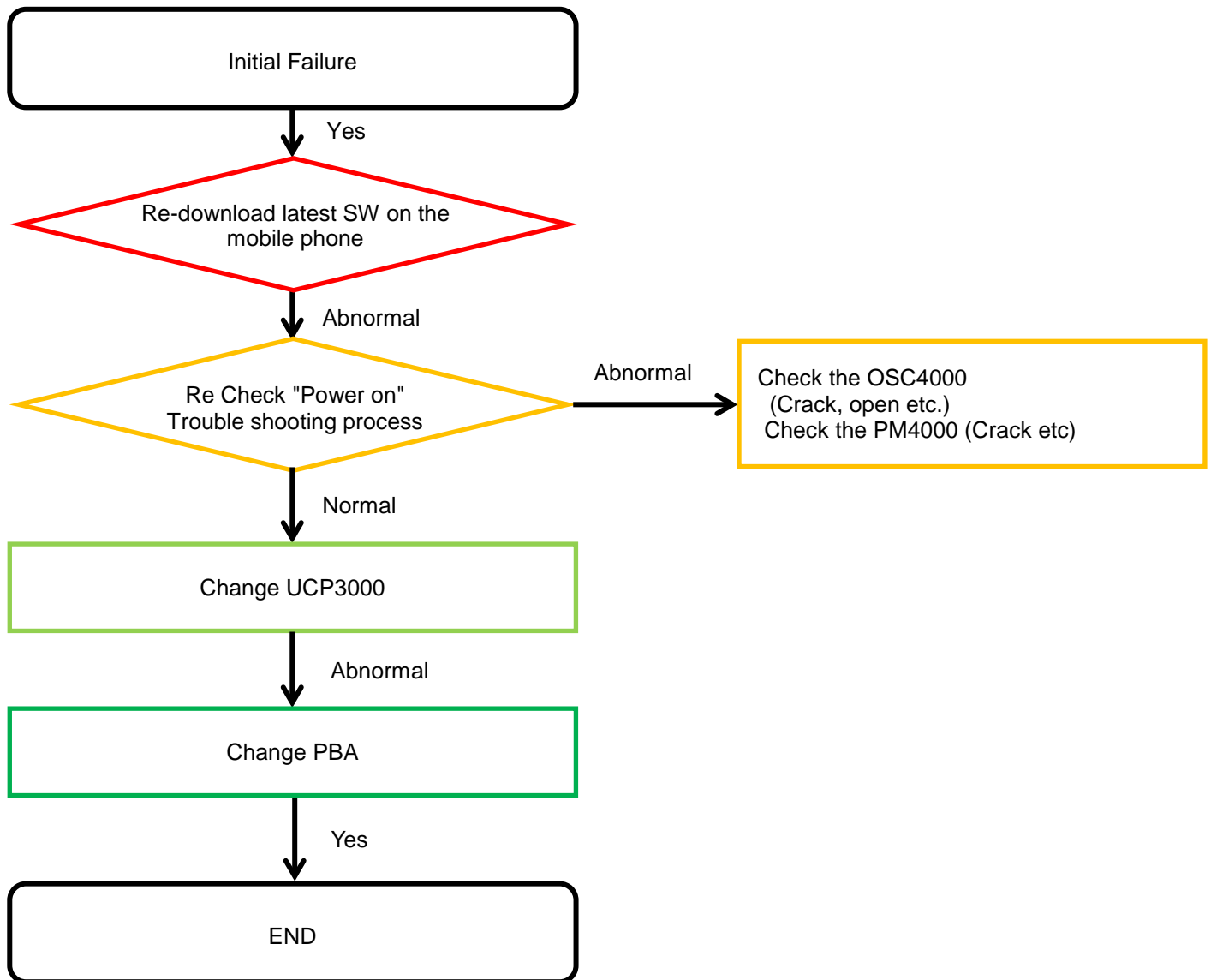
8. Level 3 Repair

8-4-1. Power On



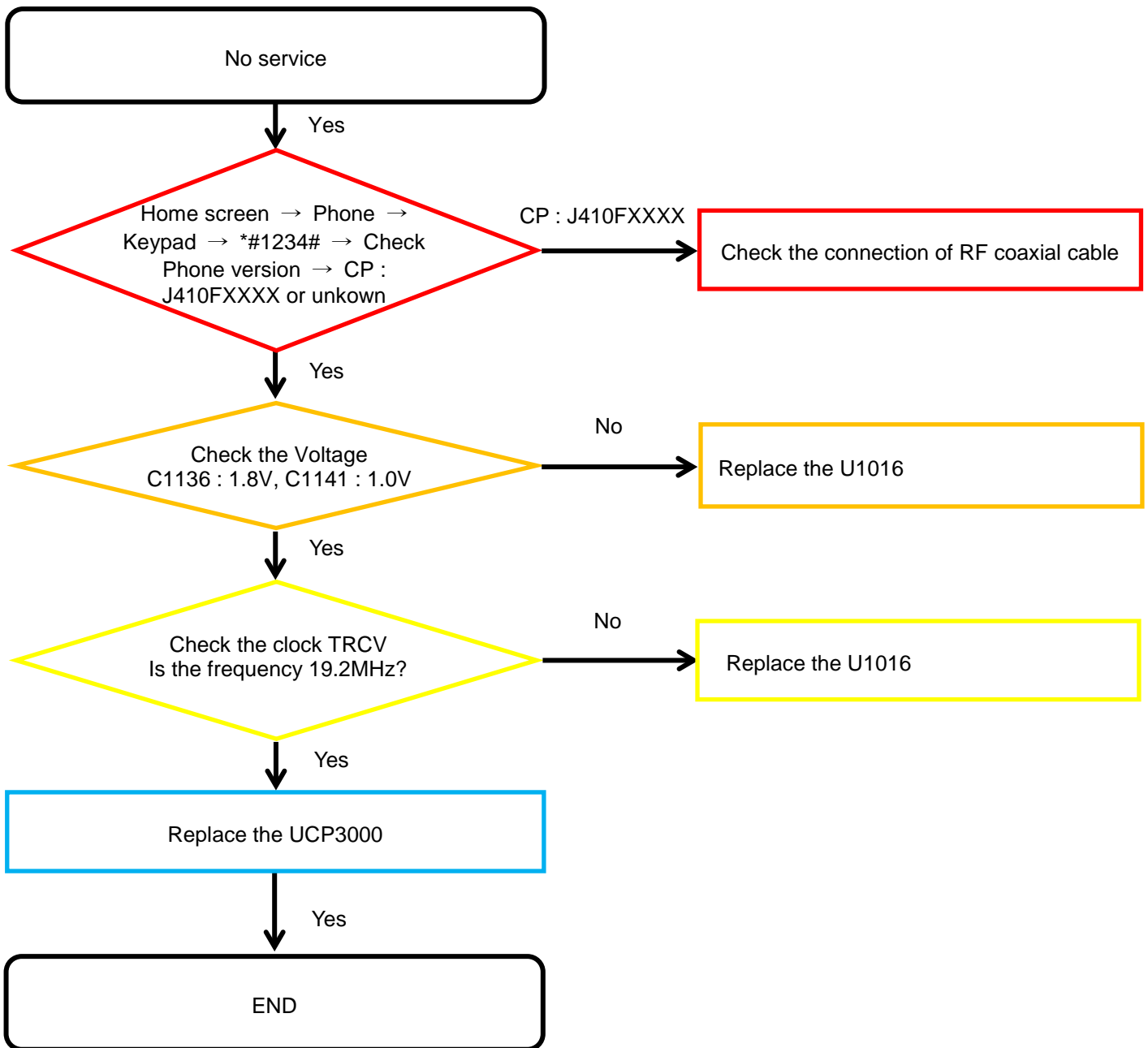
8. Level 3 Repair

8-4-2. Initial



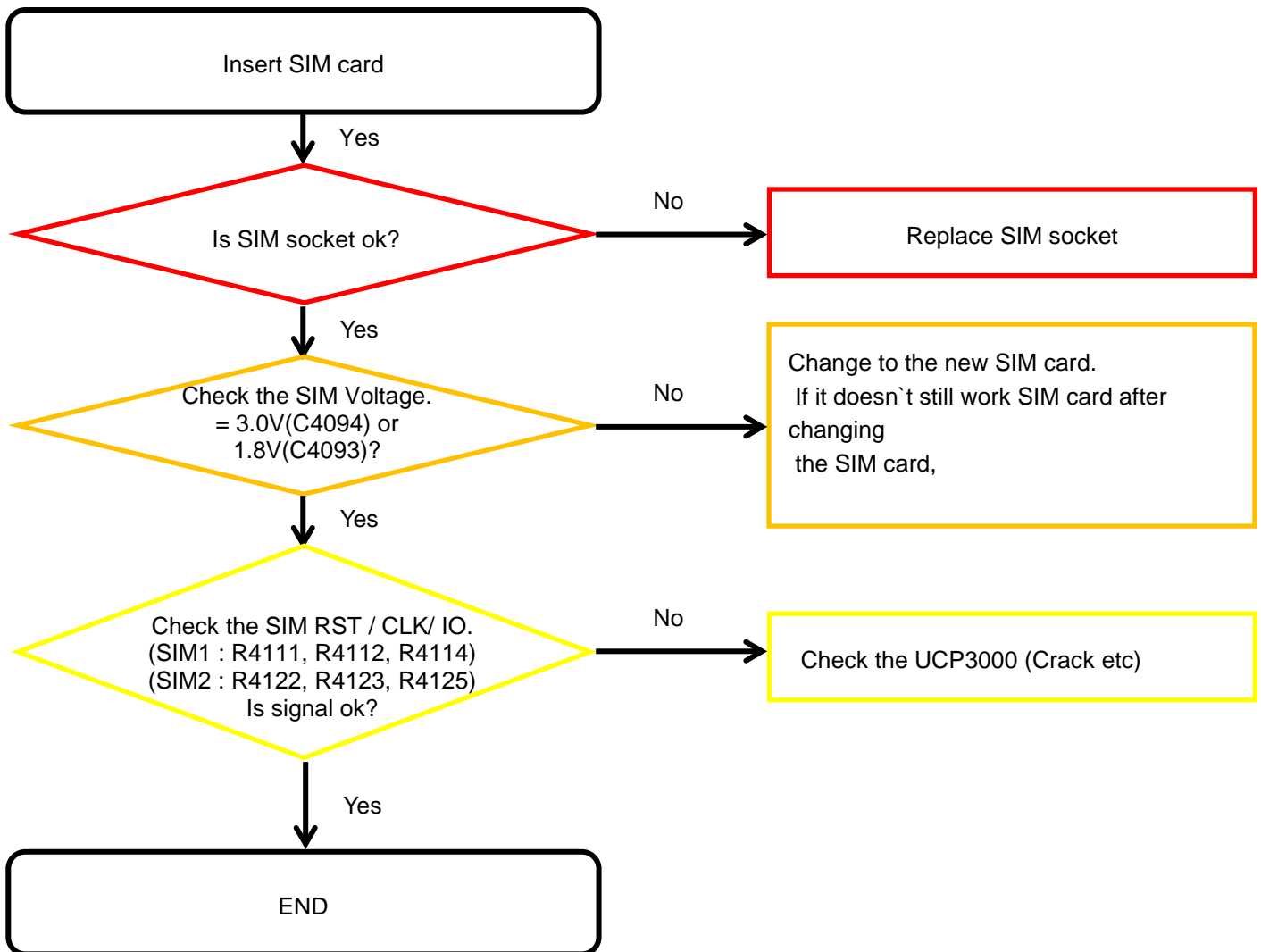
8. Level 3 Repair

8-4-3. No Service



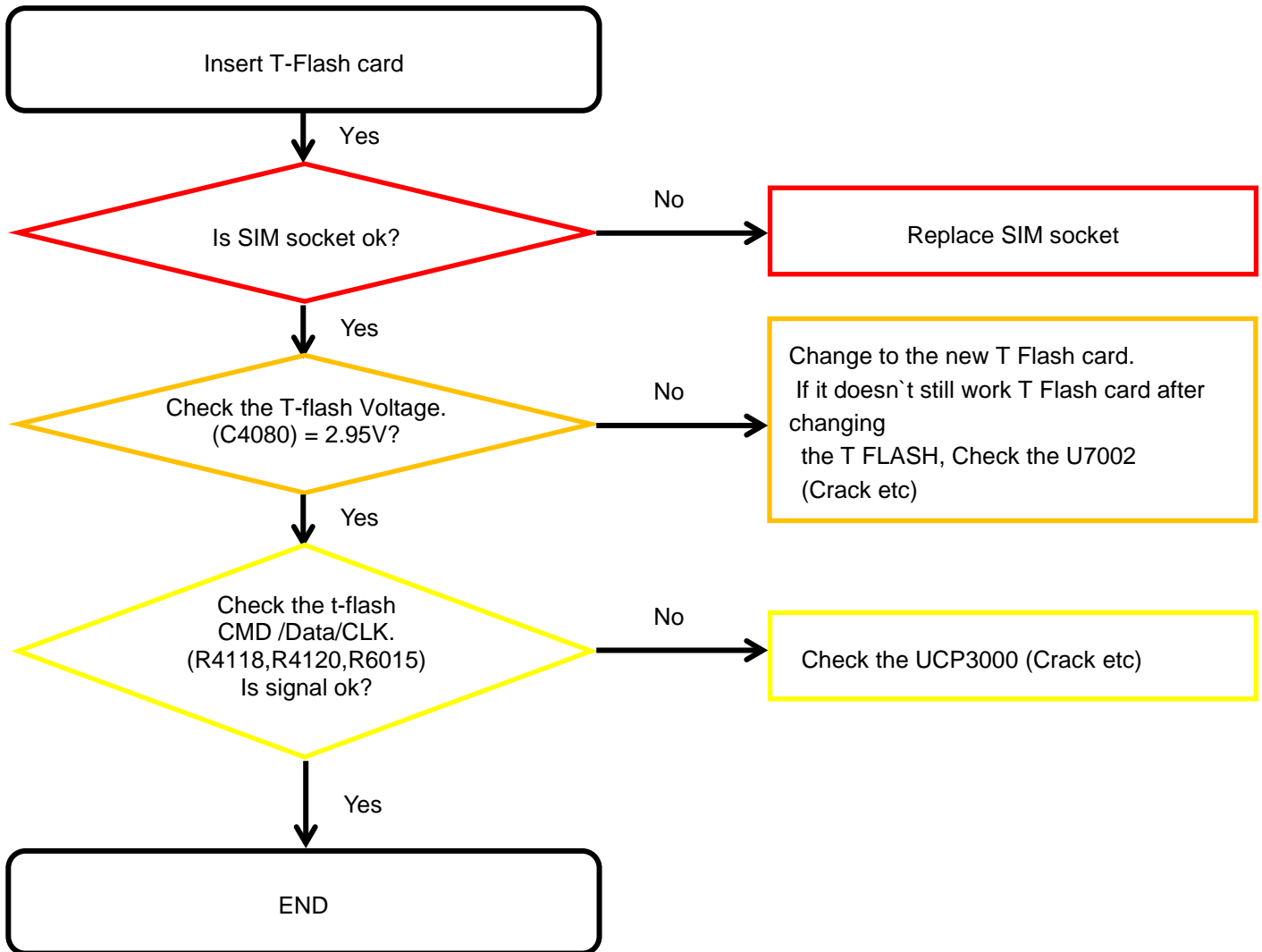
8. Level 3 Repair

8-4-4. SIM Part



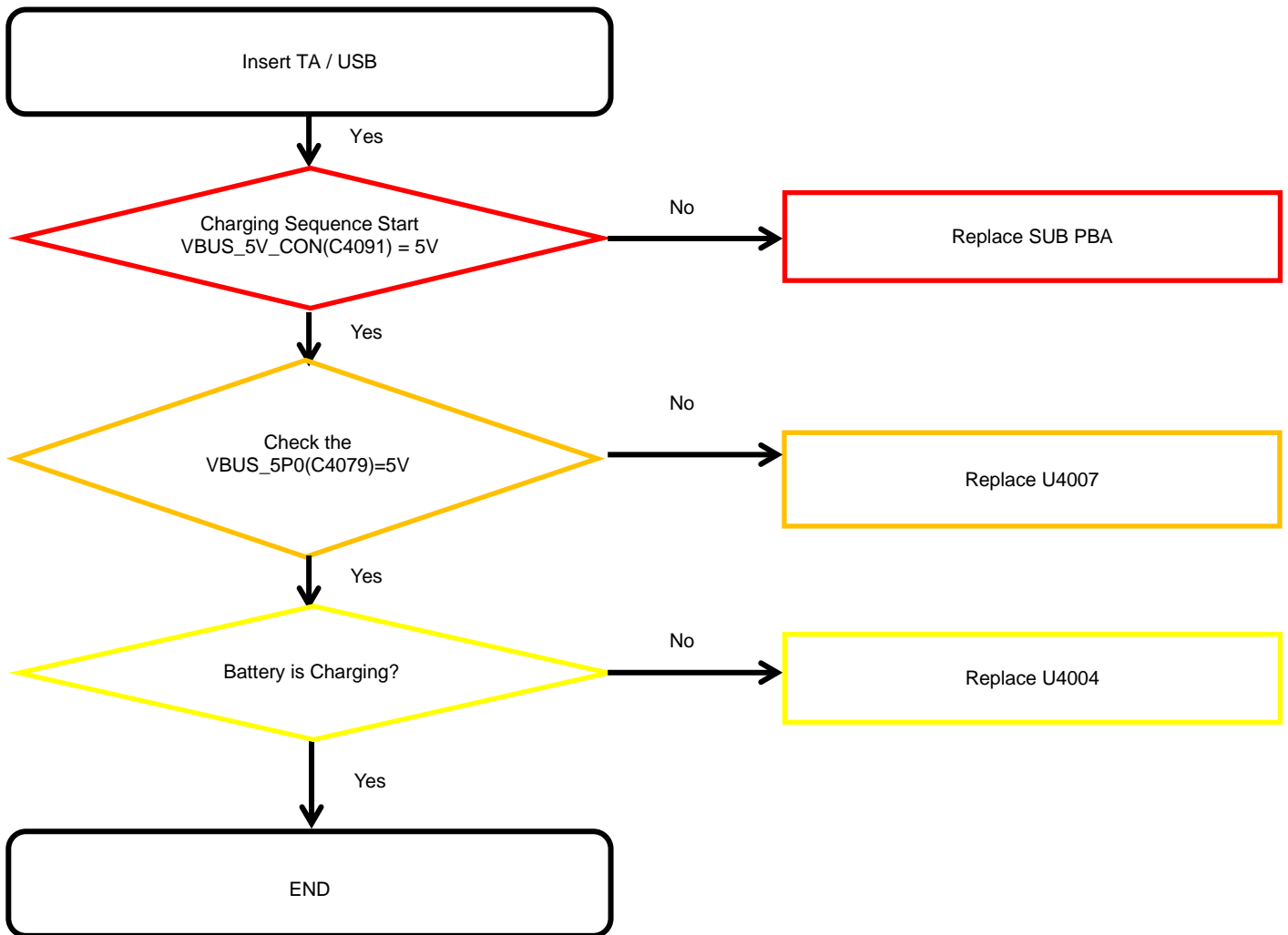
8. Level 3 Repair

8-4-5. T-Flash Part



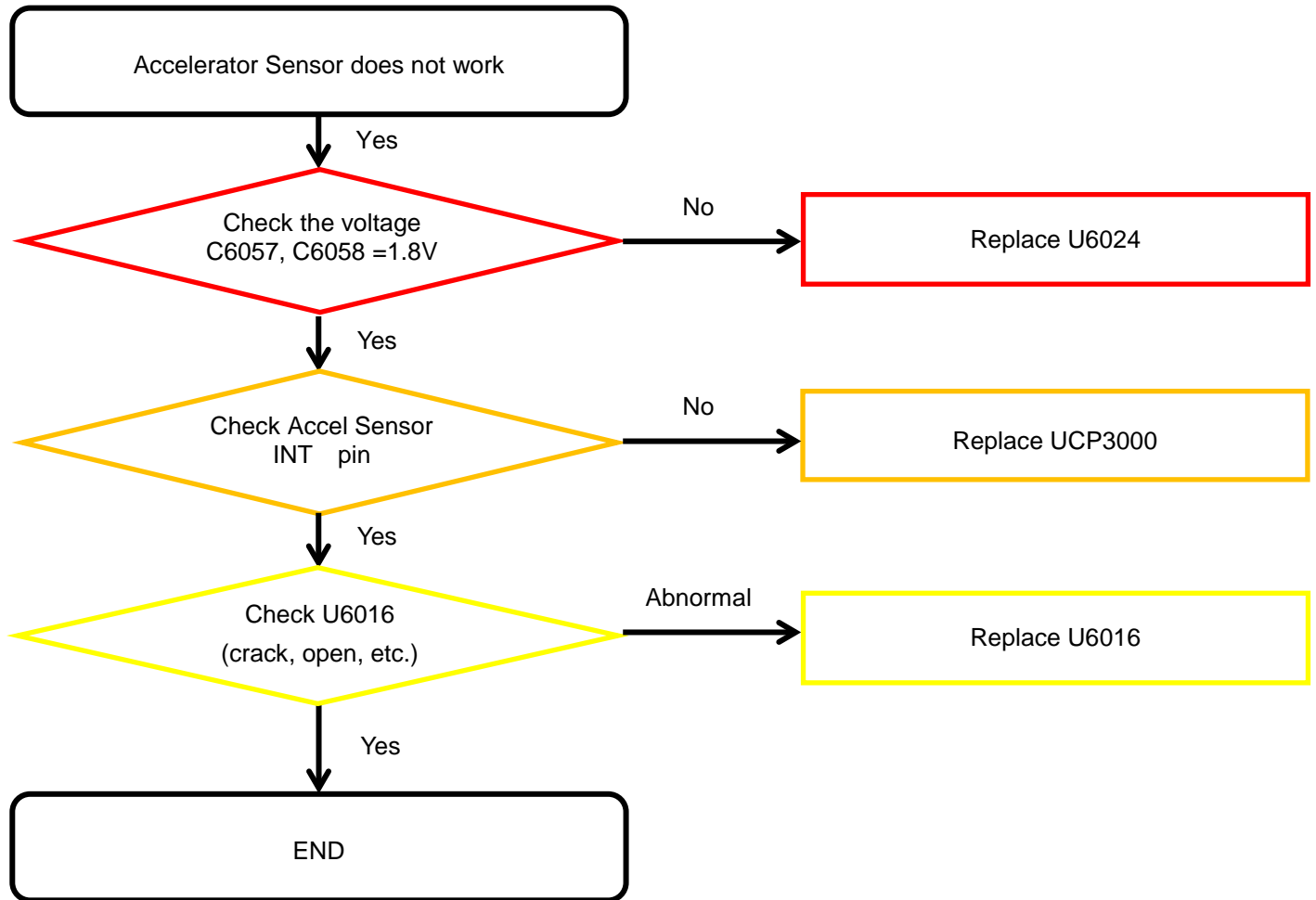
8. Level 3 Repair

8-4-6. Cable Charging Part



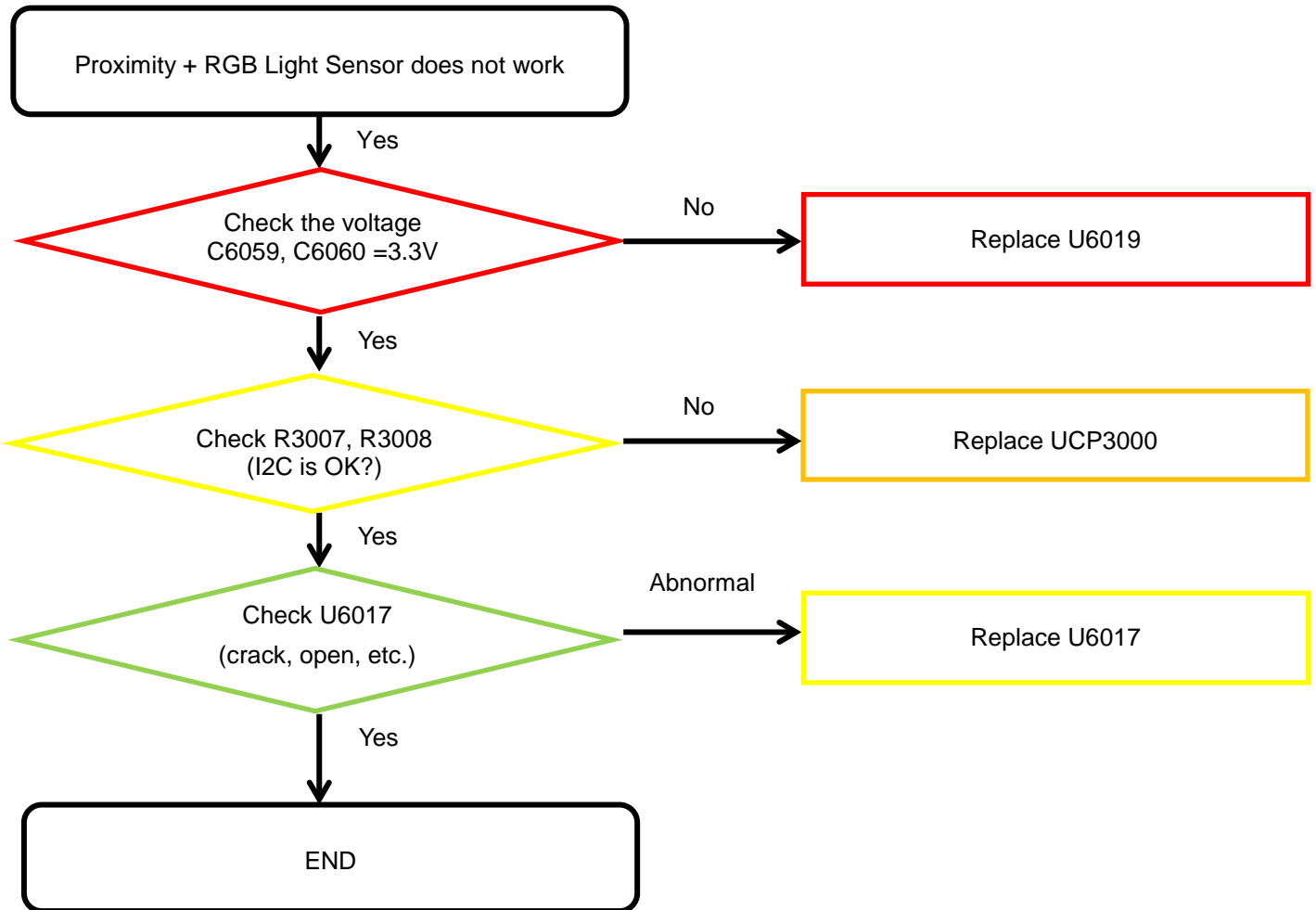
8. Level 3 Repair

8-4-7-1. Accelerator Sensor



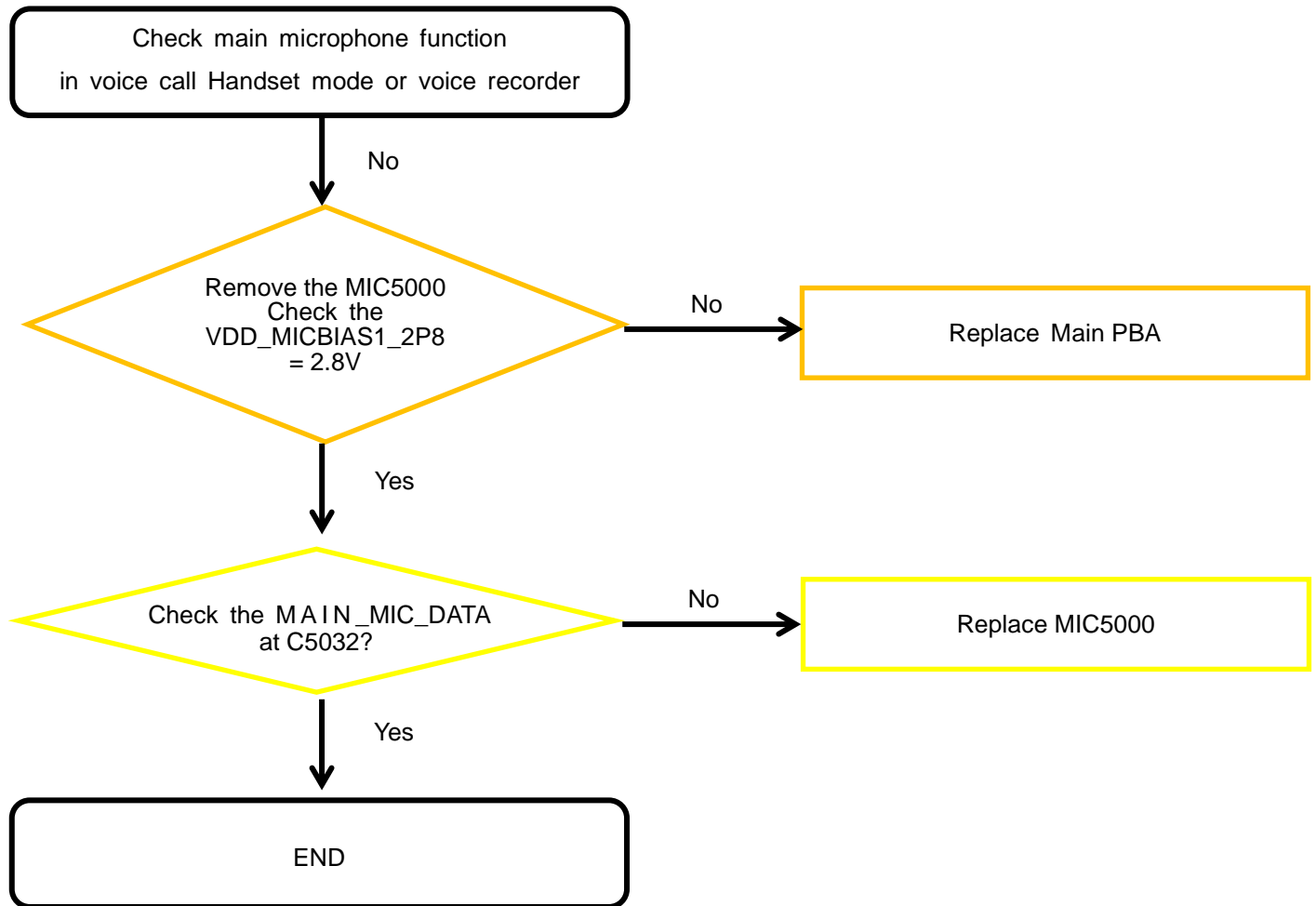
8. Level 3 Repair

8-4-7-2. Proximity sensor (RGB Light sensor)



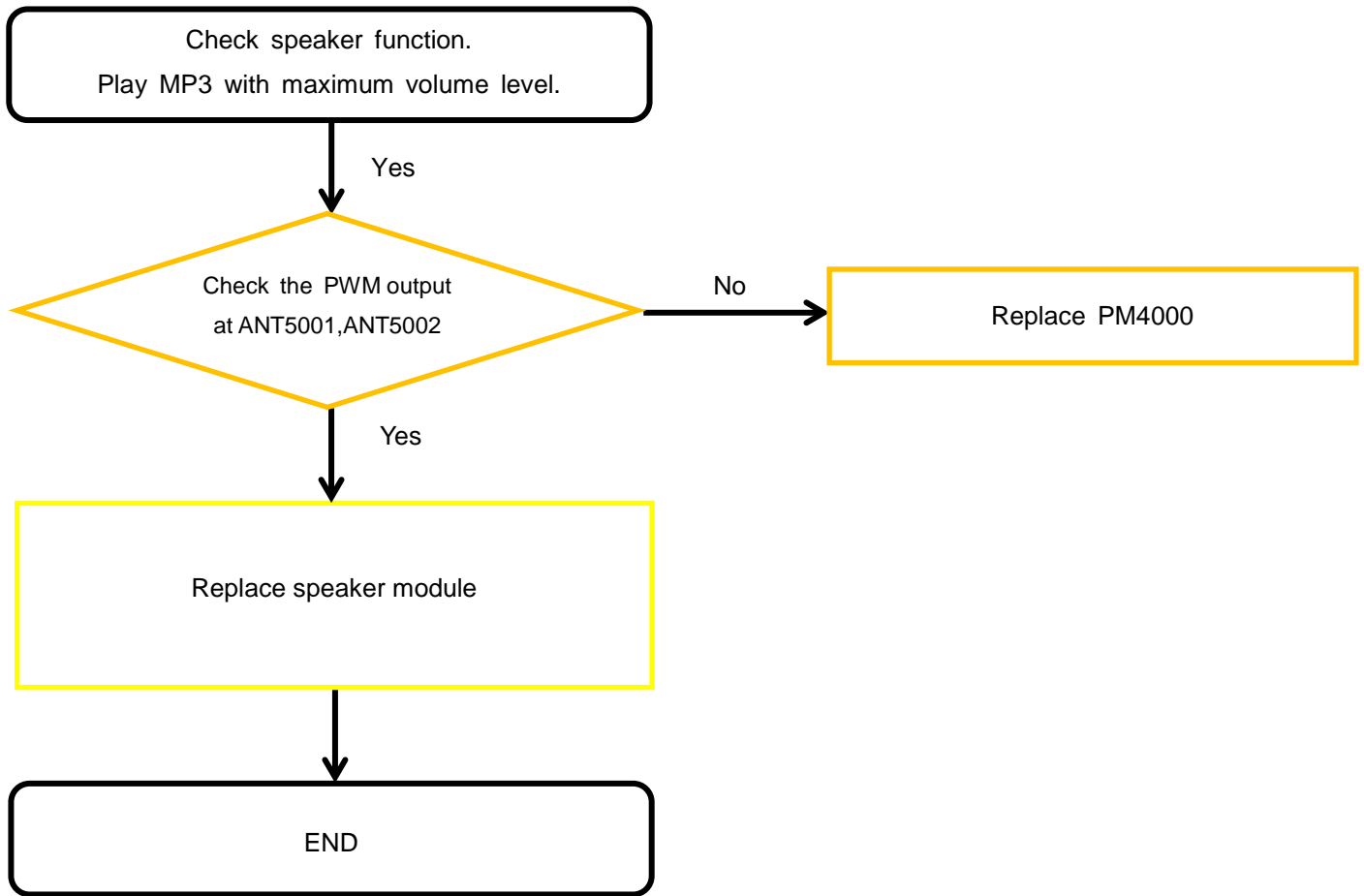
8. Level 3 Repair

8-4-8. Microphone Part - Main MIC



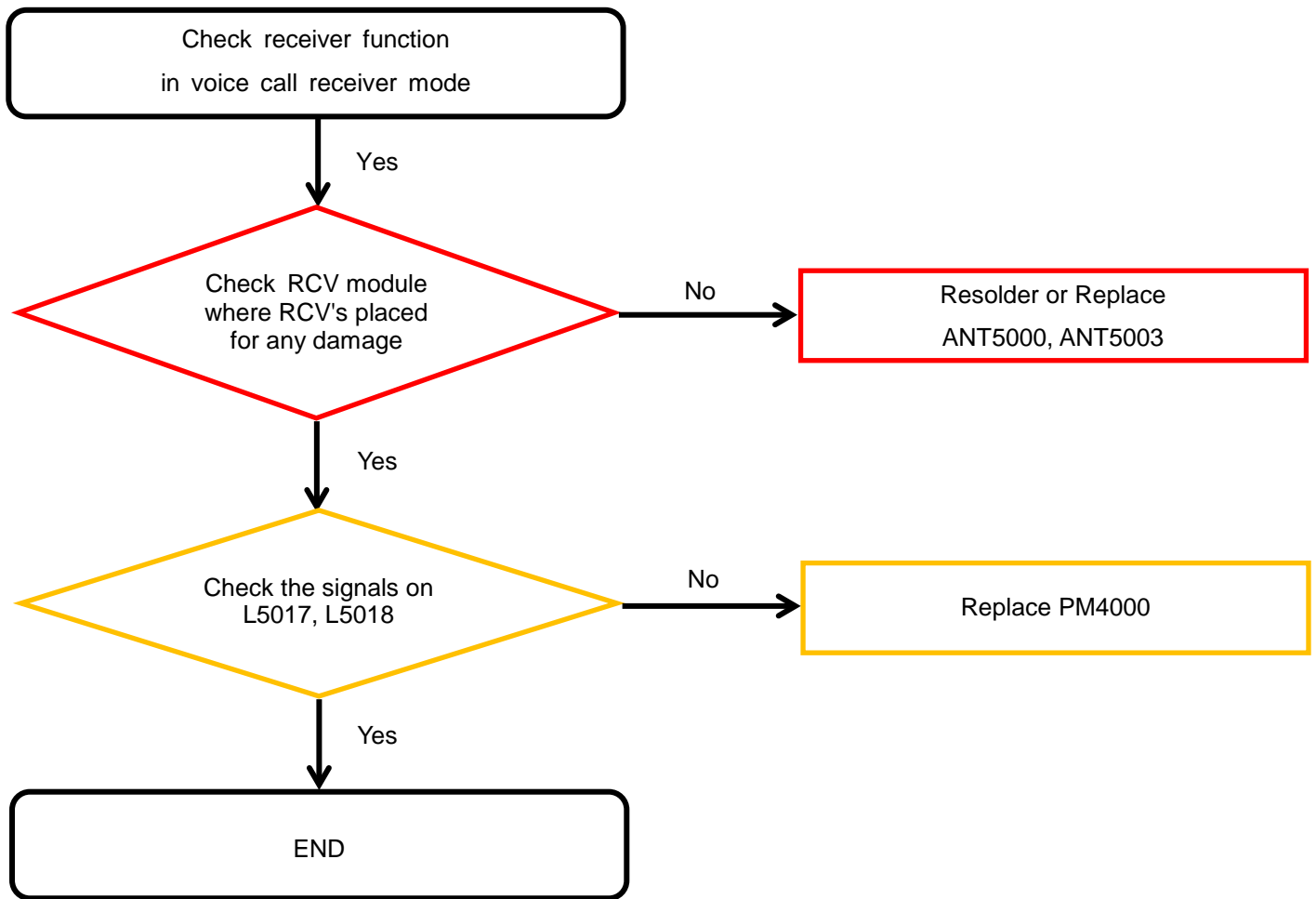
8. Level 3 Repair

8-4-9. Speaker Part



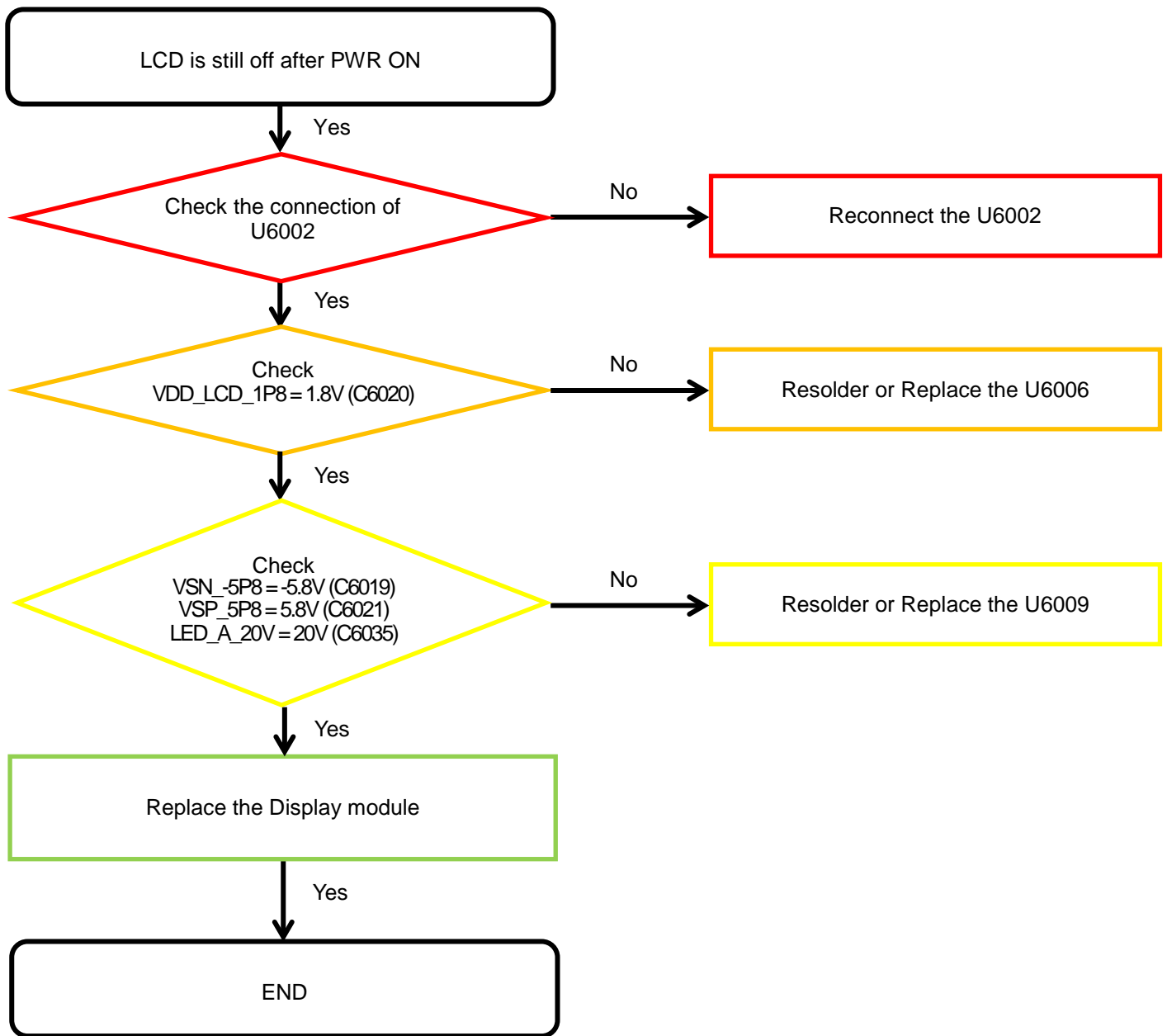
8. Level 3 Repair

8-4-10. Receiver Part



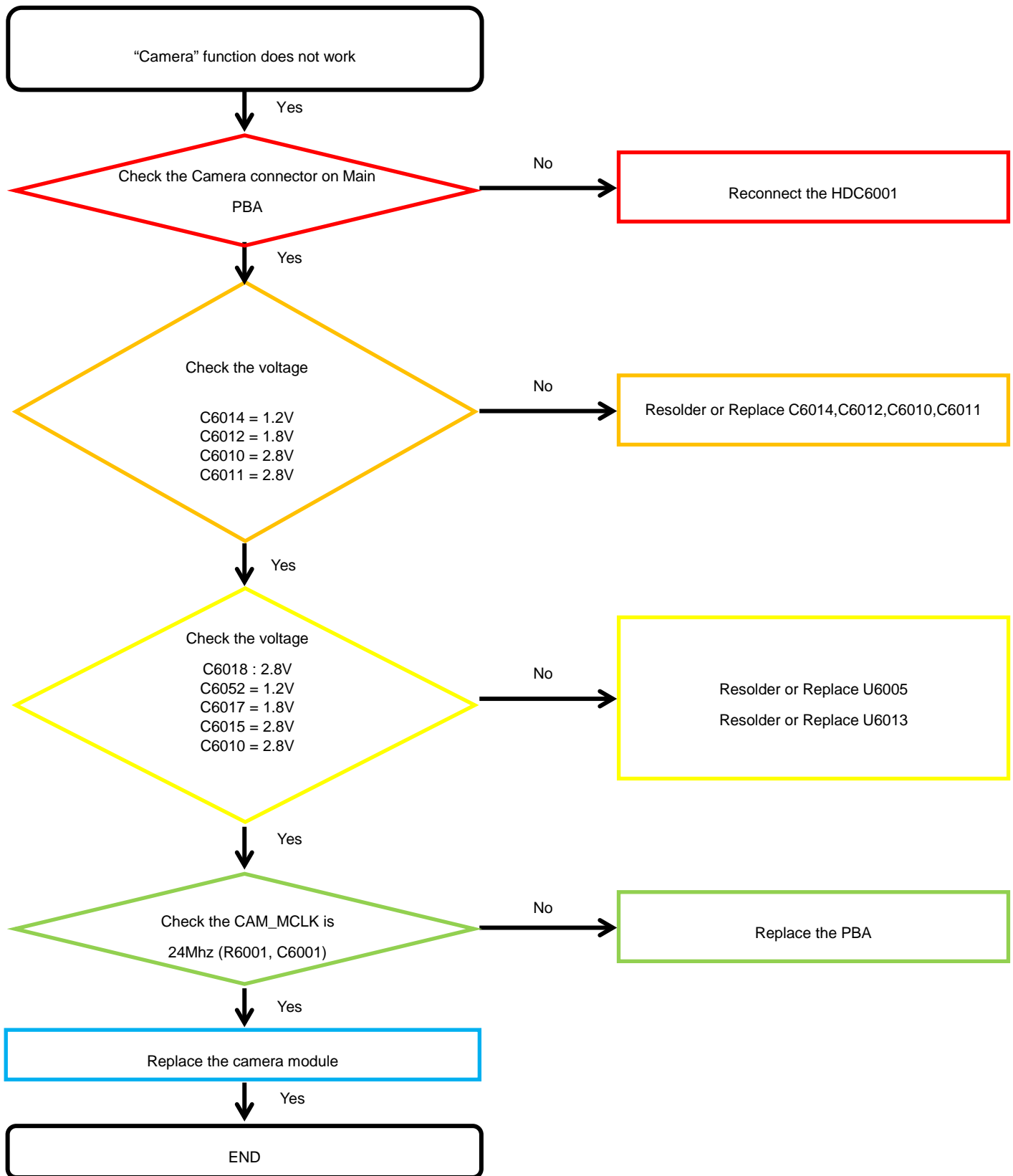
8. Level 3 Repair

8-4-11. Display



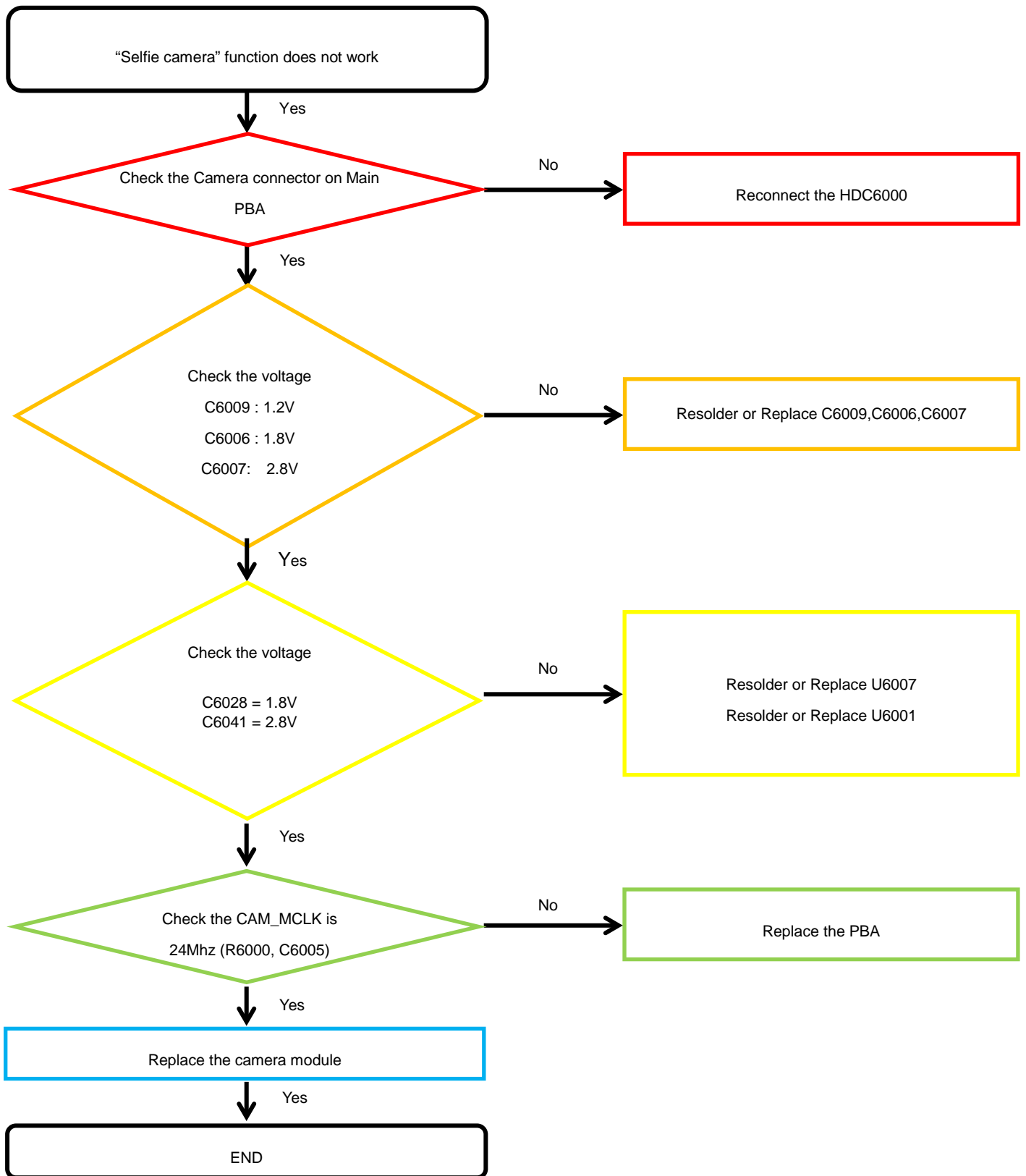
8. Level 3 Repair

8-4-12. 13M AF Rear CAMERA



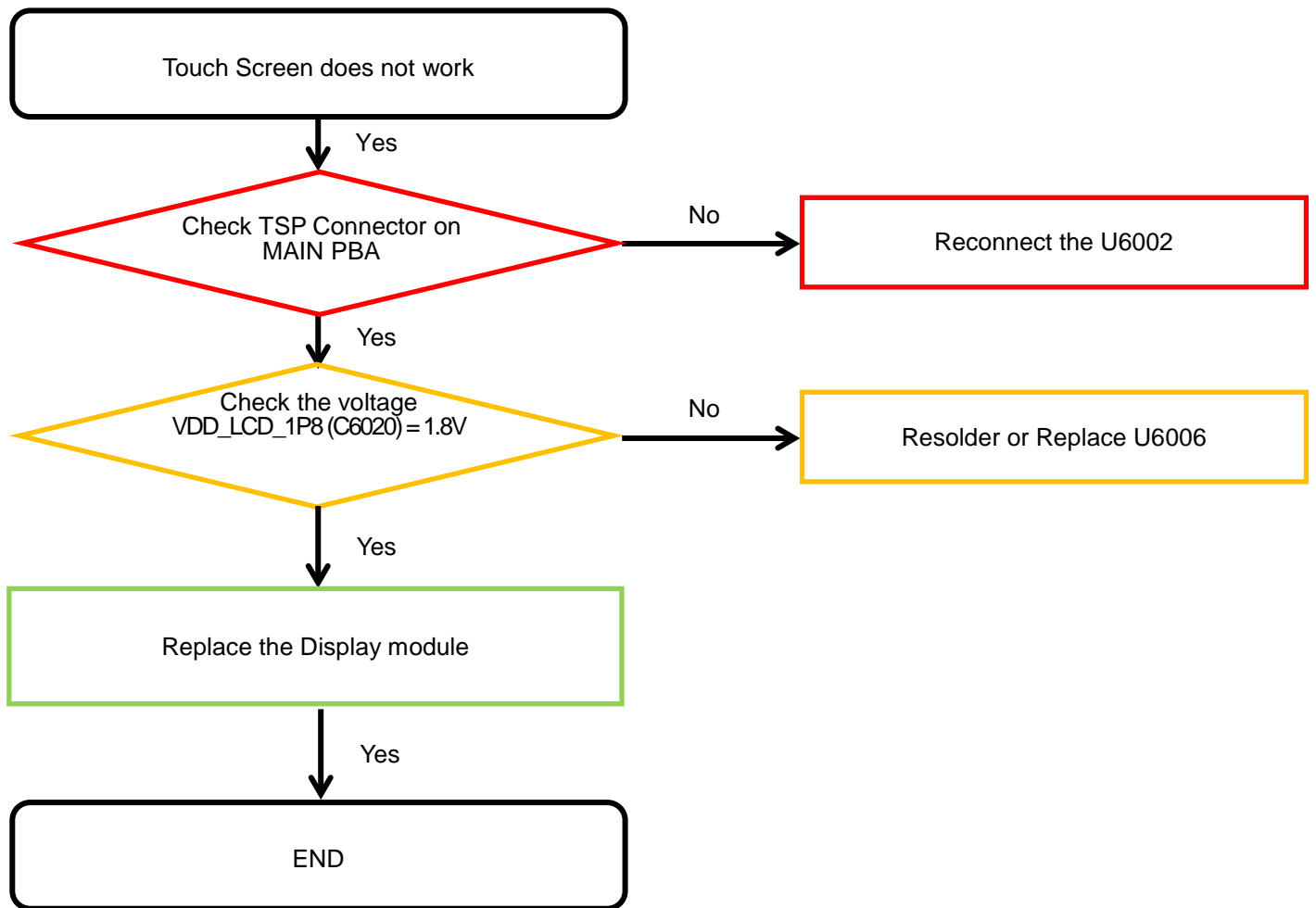
8. Level 3 Repair

8-4-13. 5M FF VT CAMERA



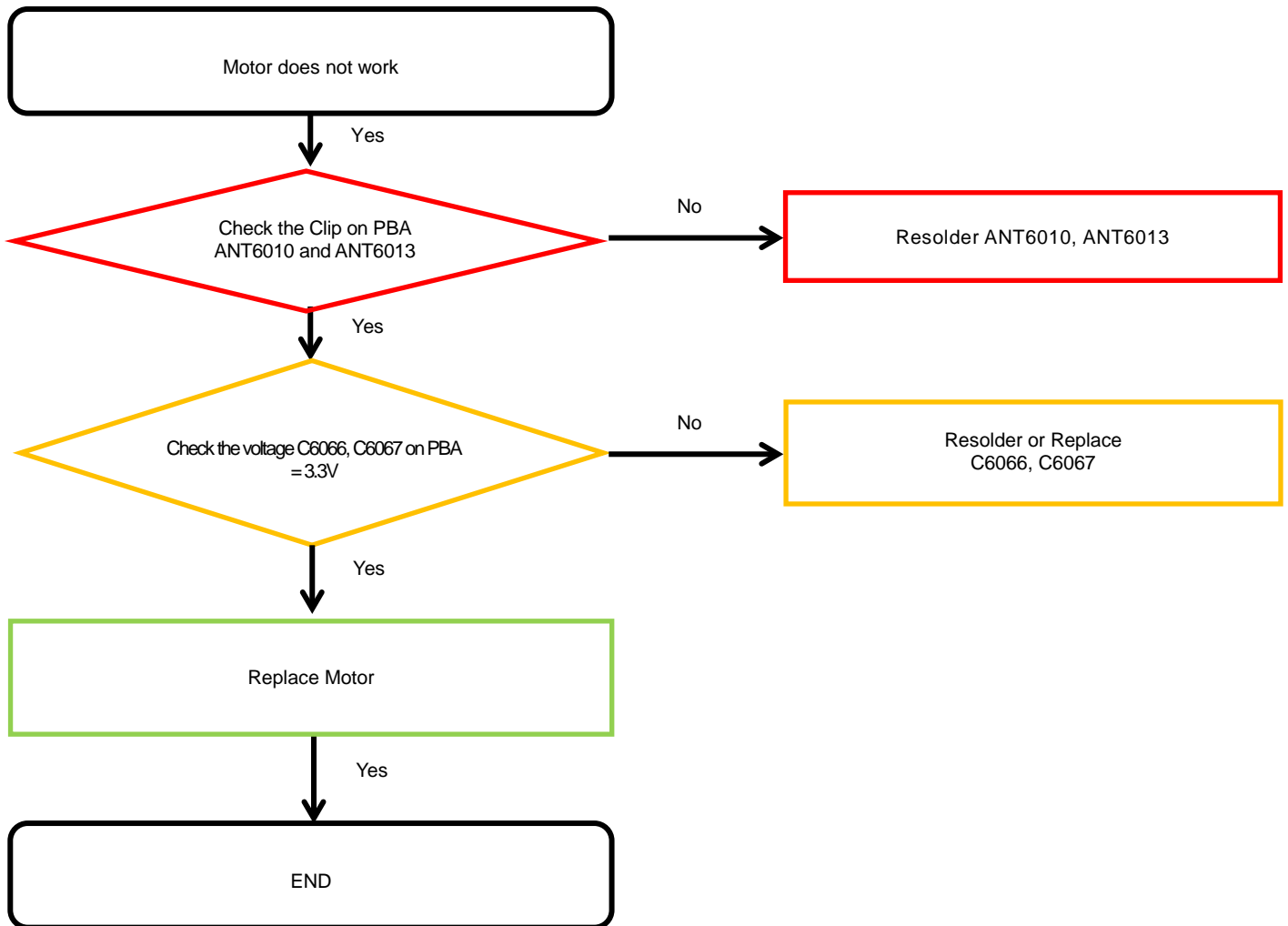
8. Level 3 Repair

8-4-14. TSP



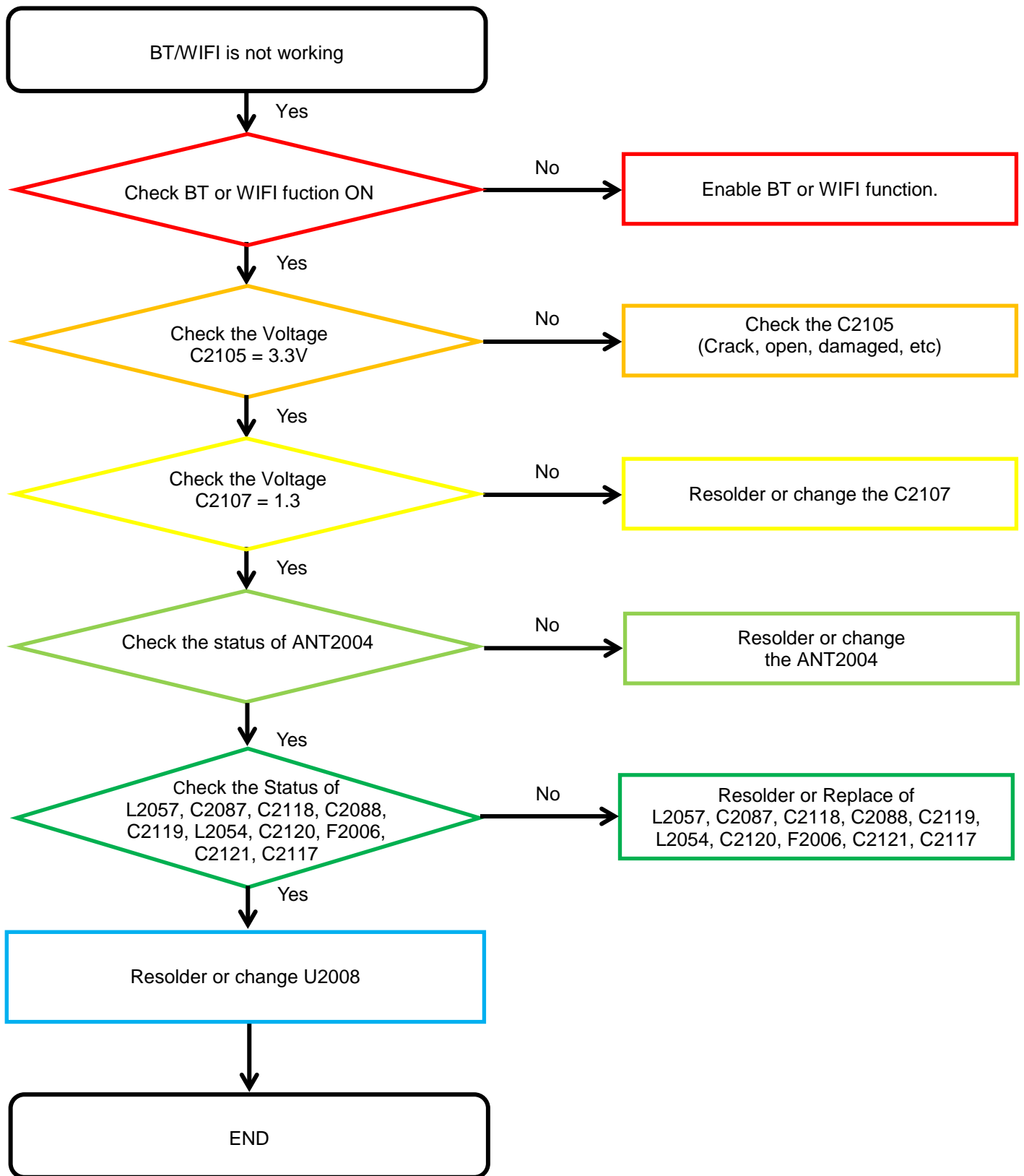
8. Level 3 Repair

8-4-15. Motor



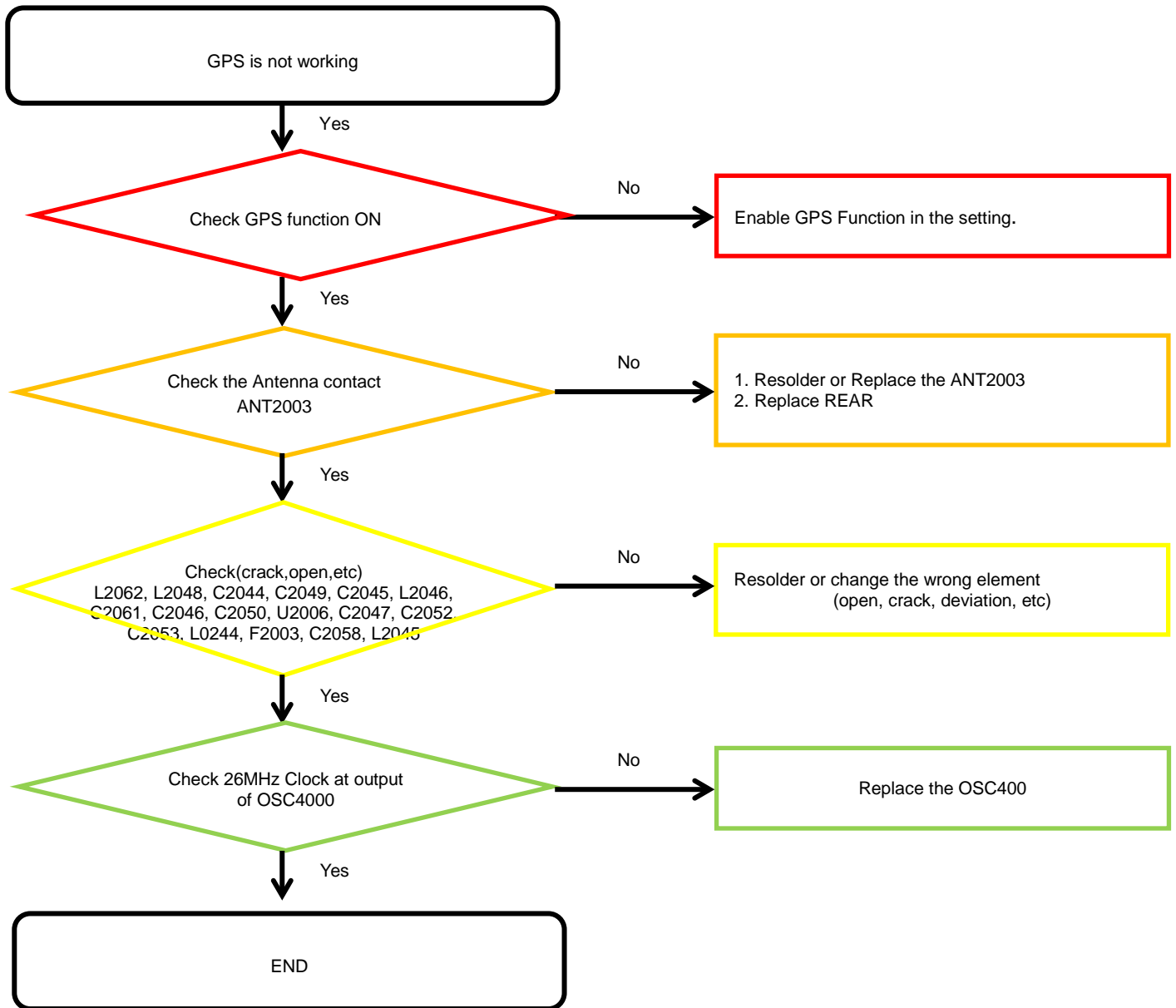
8. Level 3 Repair

8-4-16. BT/WIFI



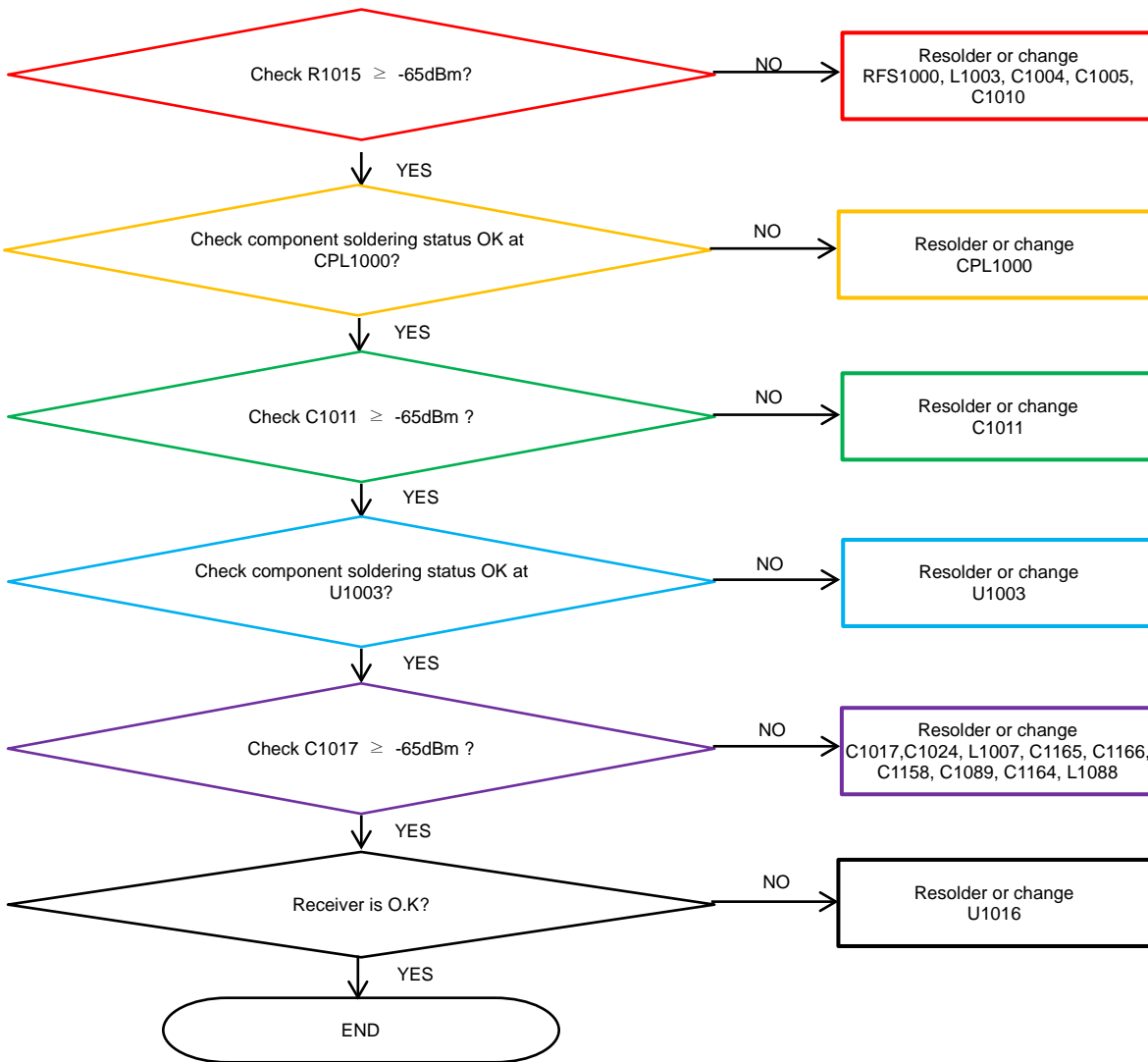
8. Level 3 Repair

8-4-17. GPS



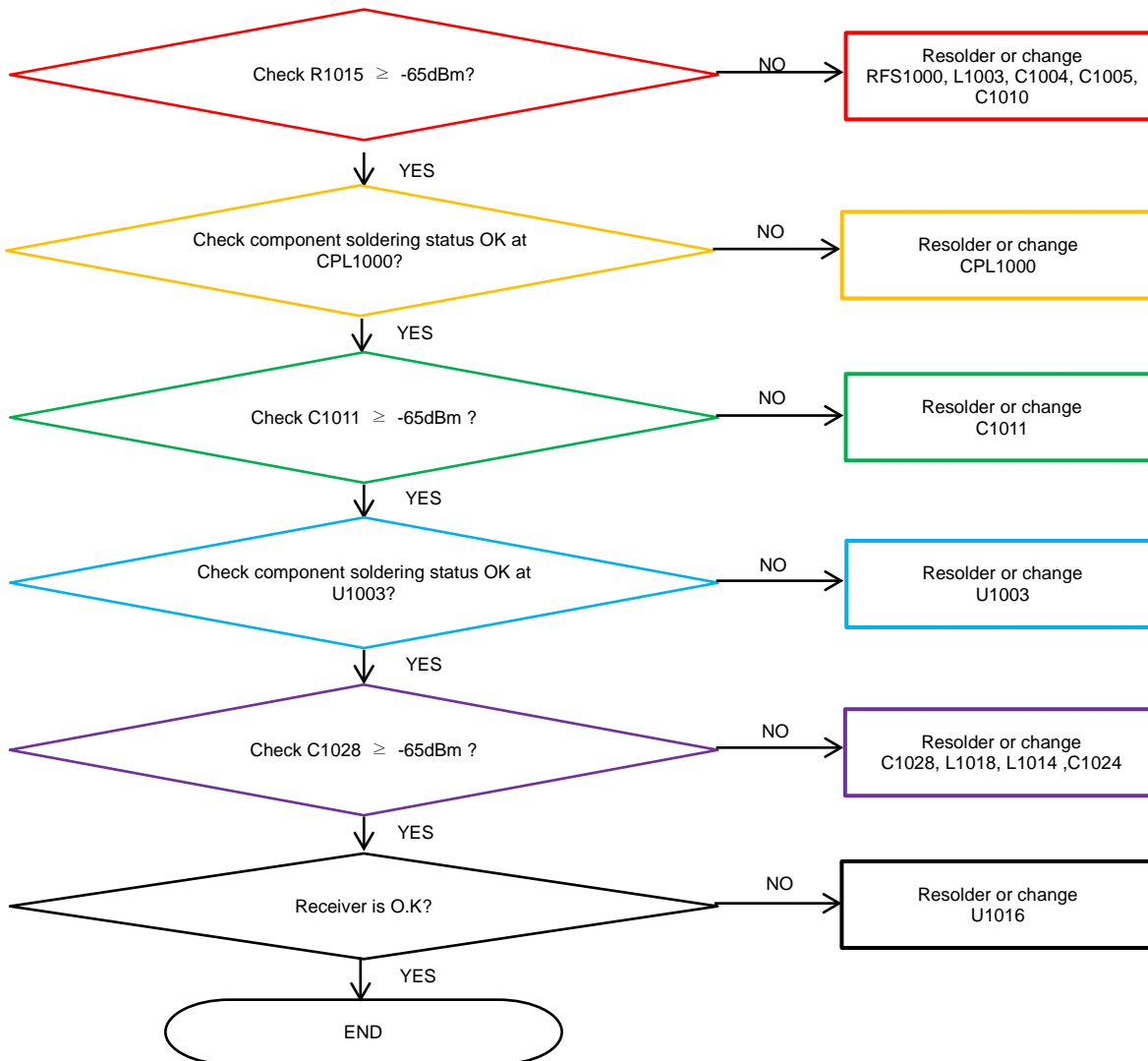
8. Level 3 Repair

8-4-18. LTE B1, WCDMA B1 Rx [SM-J410F]



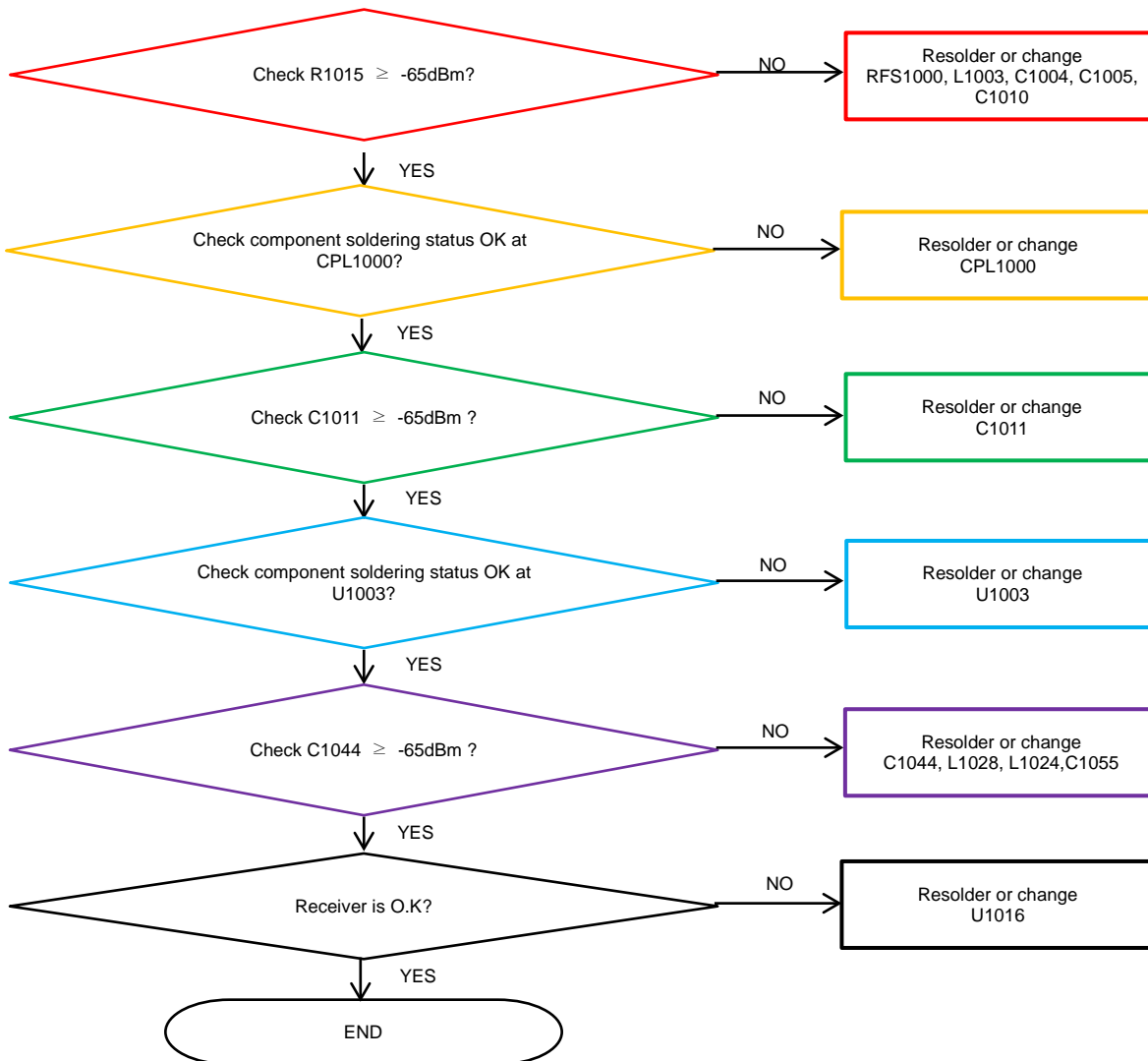
8. Level 3 Repair

8-4-19. LTE, WCDMA B2 / PCS RX



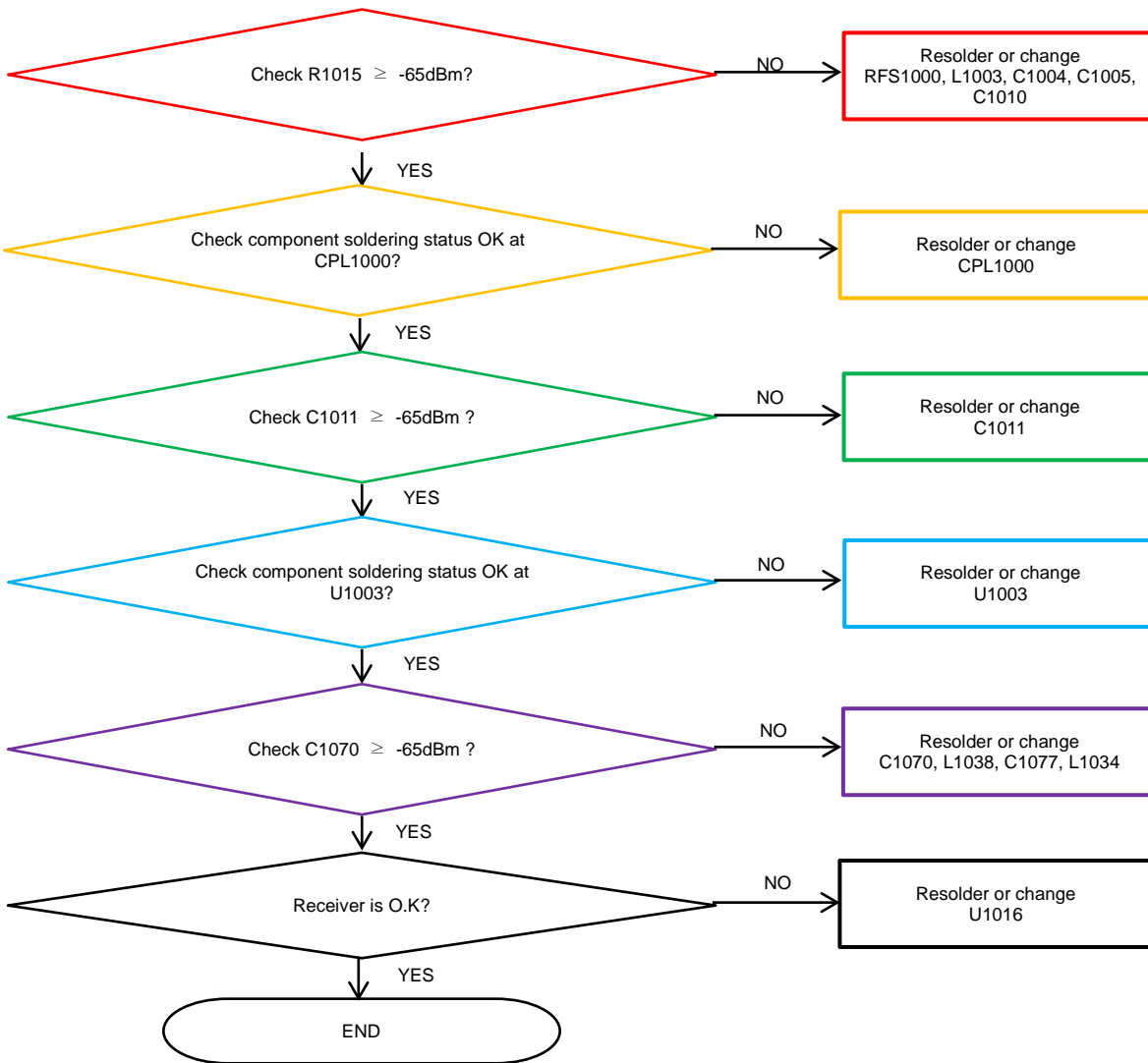
8. Level 3 Repair

8-4-20. LTE B3 / DCS RX



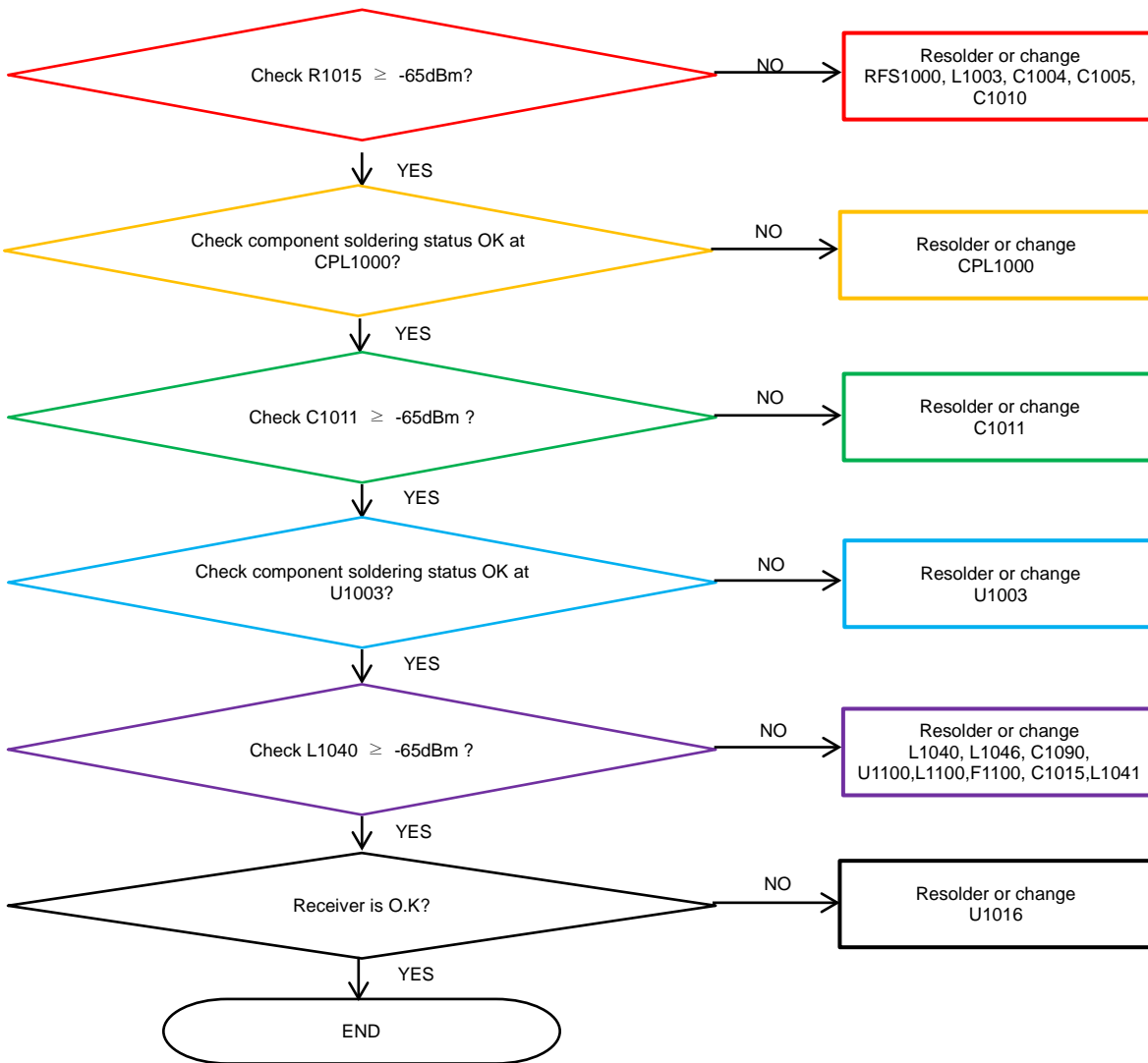
8. Level 3 Repair

8-4-21. LTE, WCDMA B5 / GSM850 RX



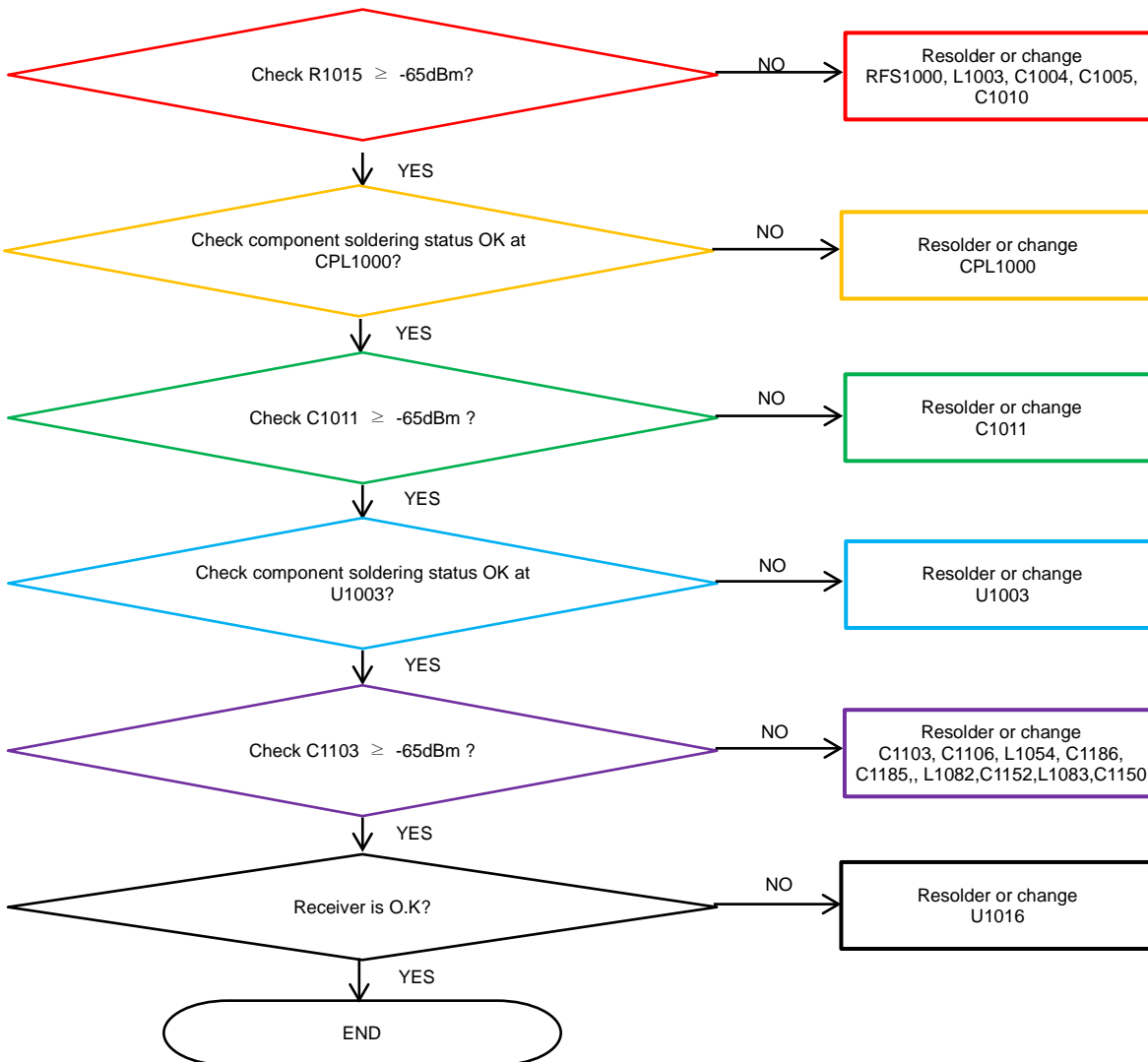
8. Level 3 Repair

8-4-22. LTE, WCDMA B8 / EGSM RX



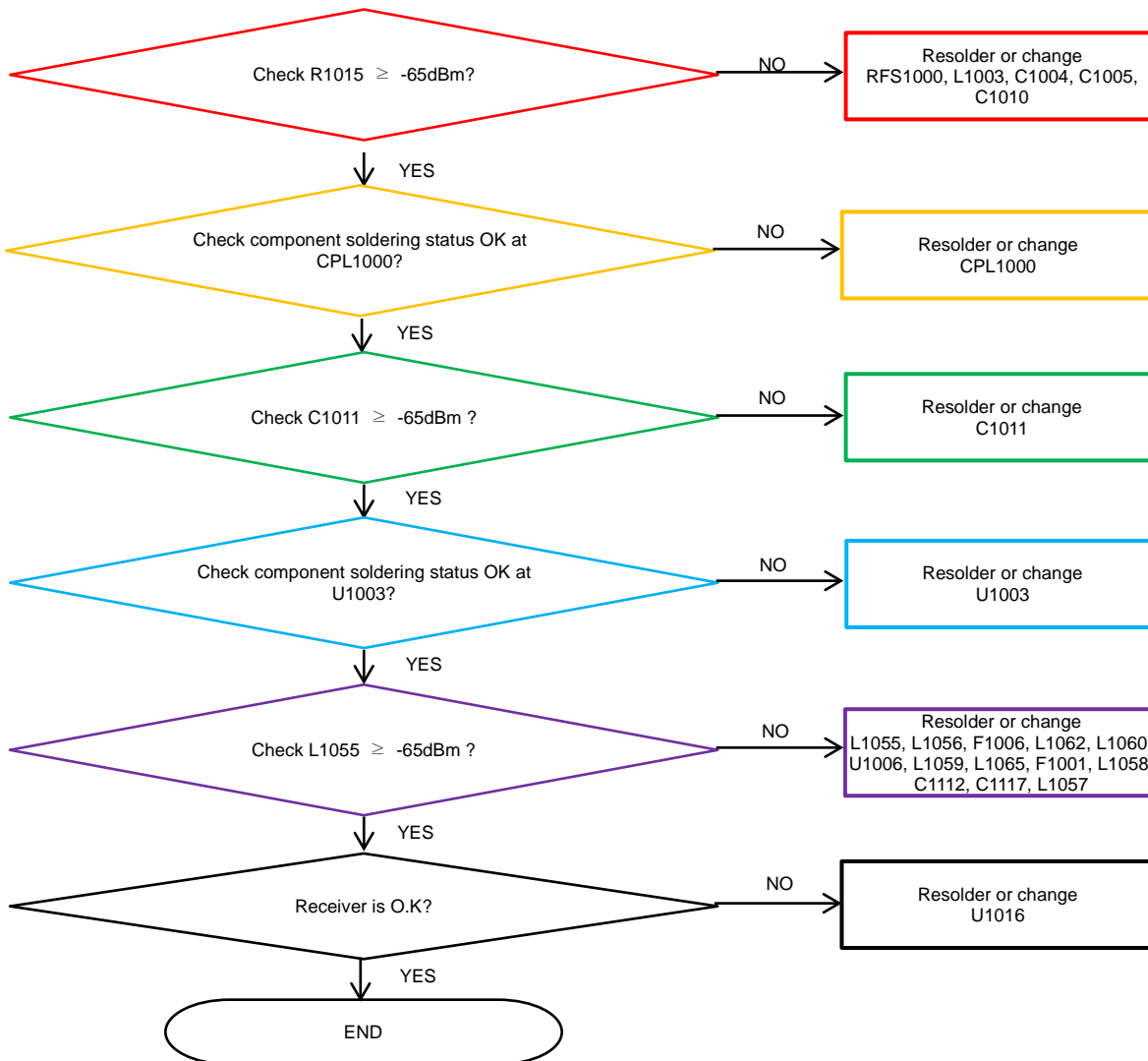
8. Level 3 Repair

8-4-23. LTE B20 RX [SM-J410F]



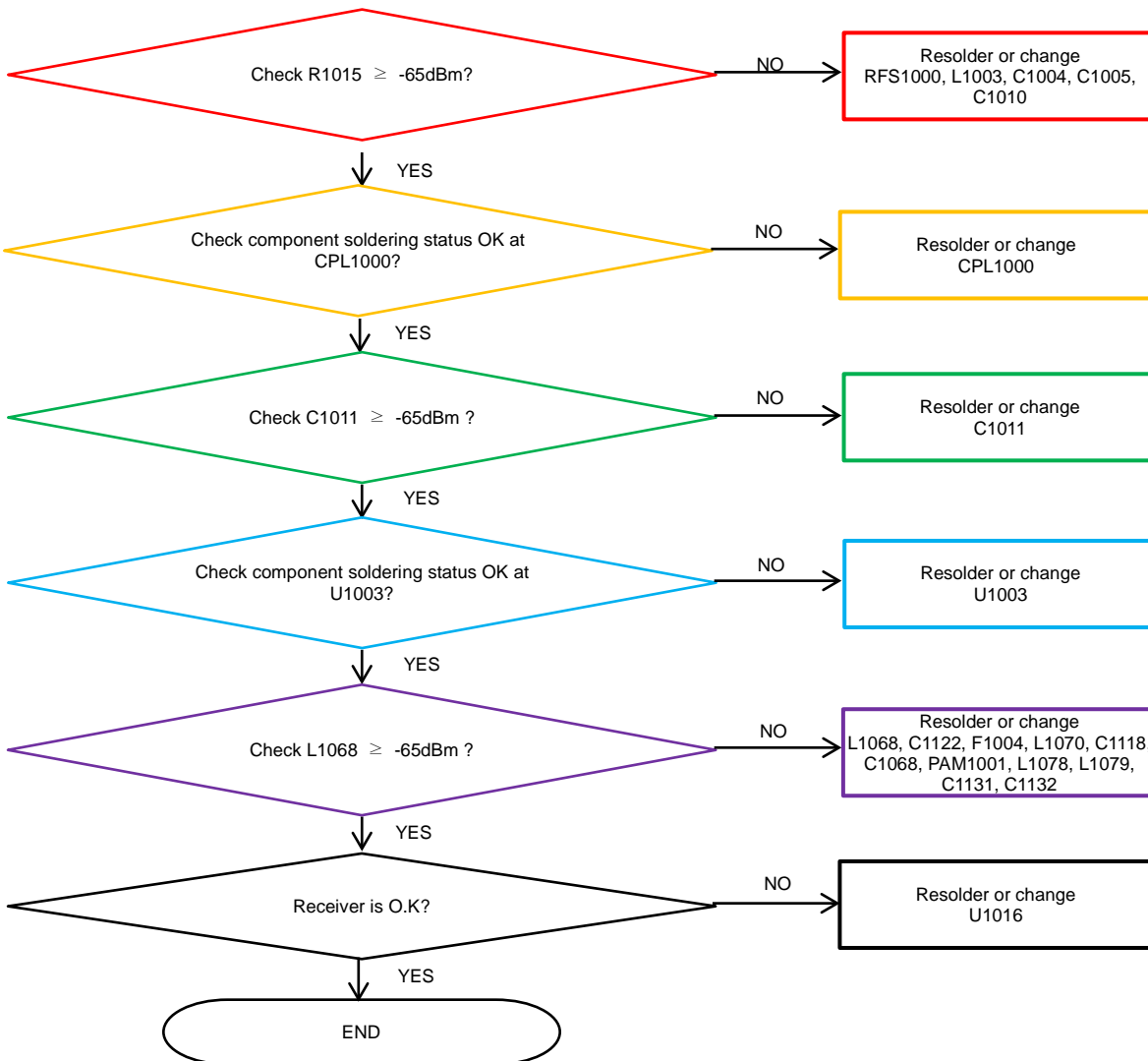
8. Level 3 Repair

8-4-24. LTE B7 RX



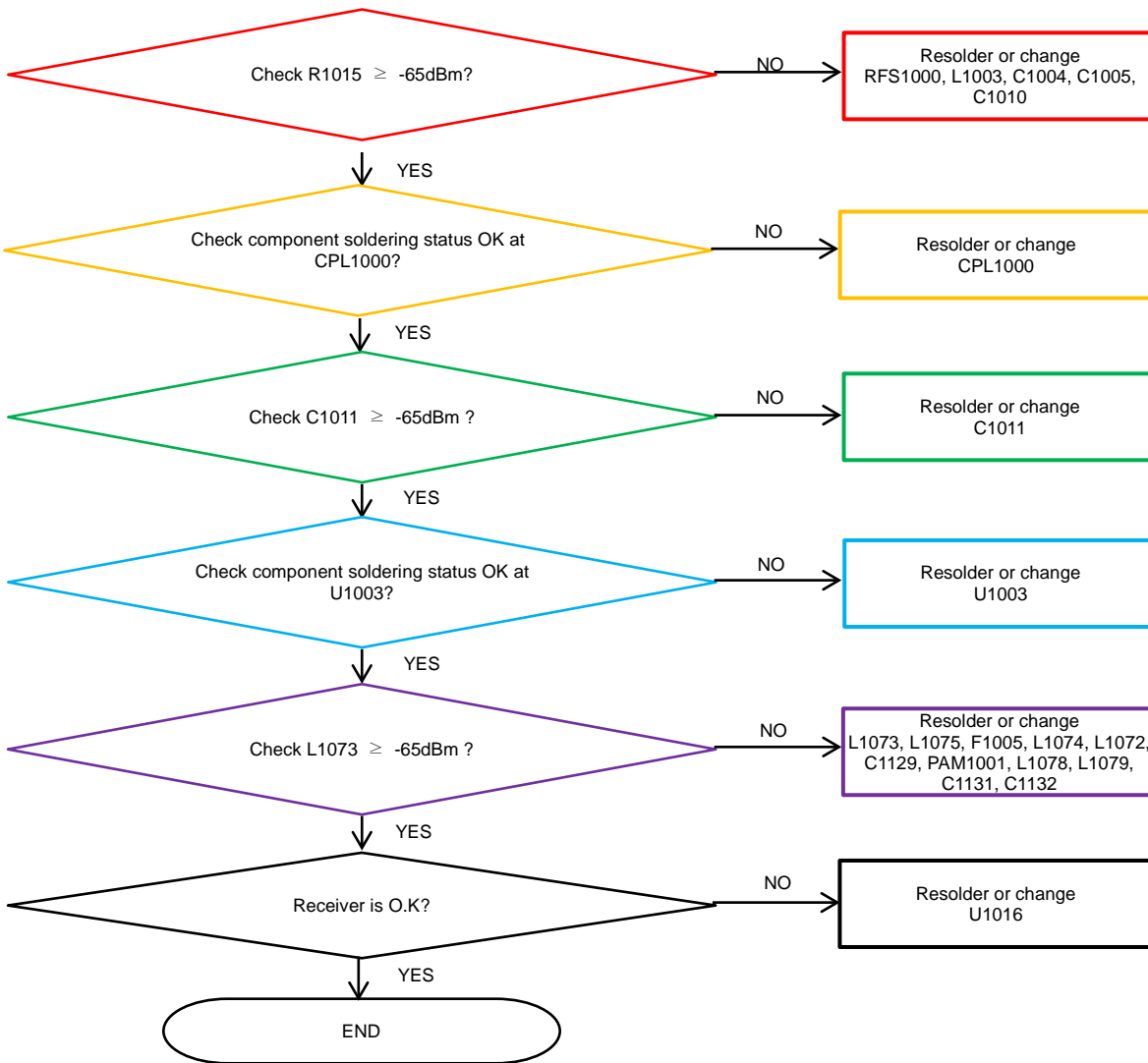
8. Level 3 Repair

8-4-25. LTE B38_41 RX



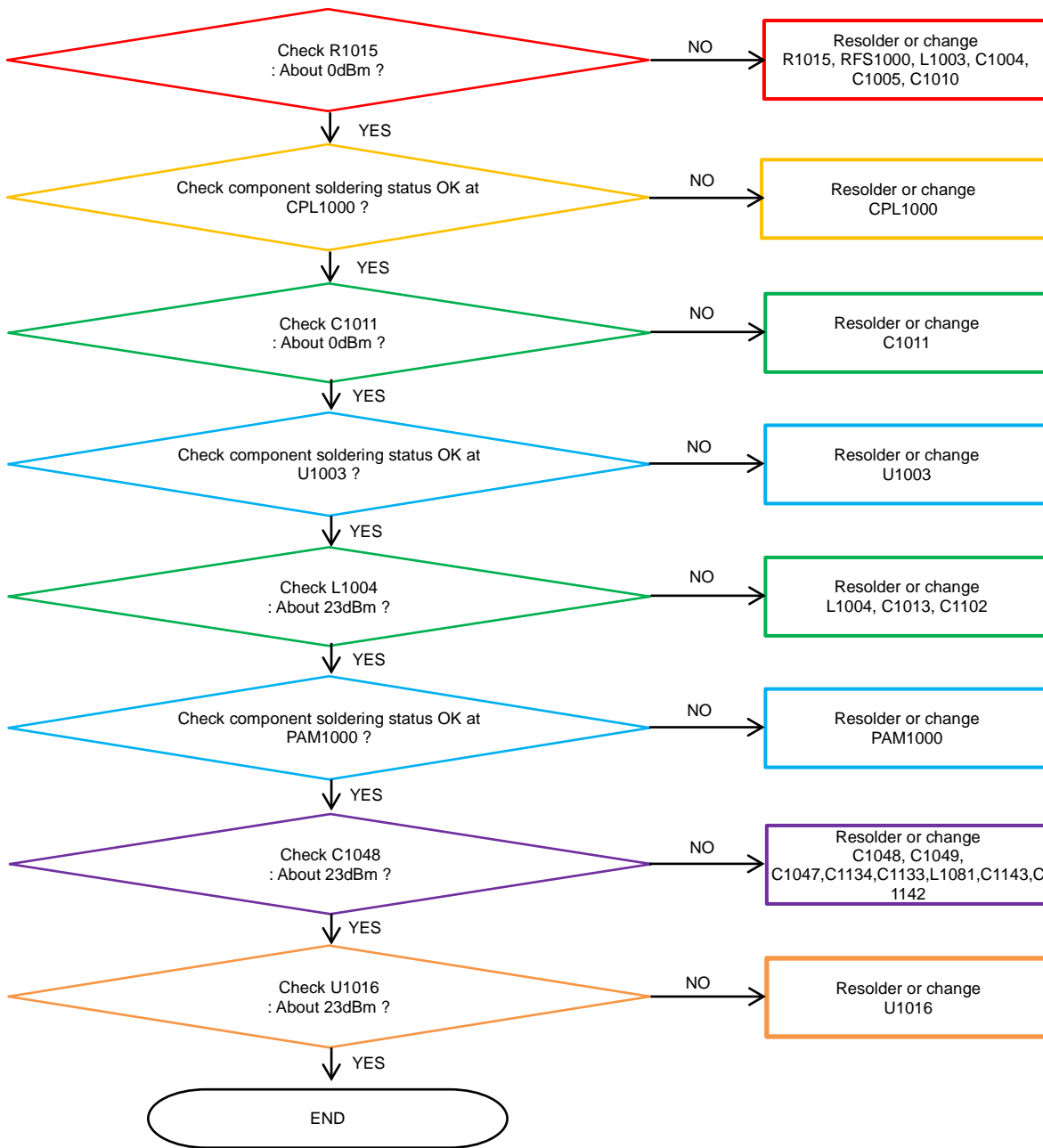
8. Level 3 Repair

8-4-26. LTE B40 RX



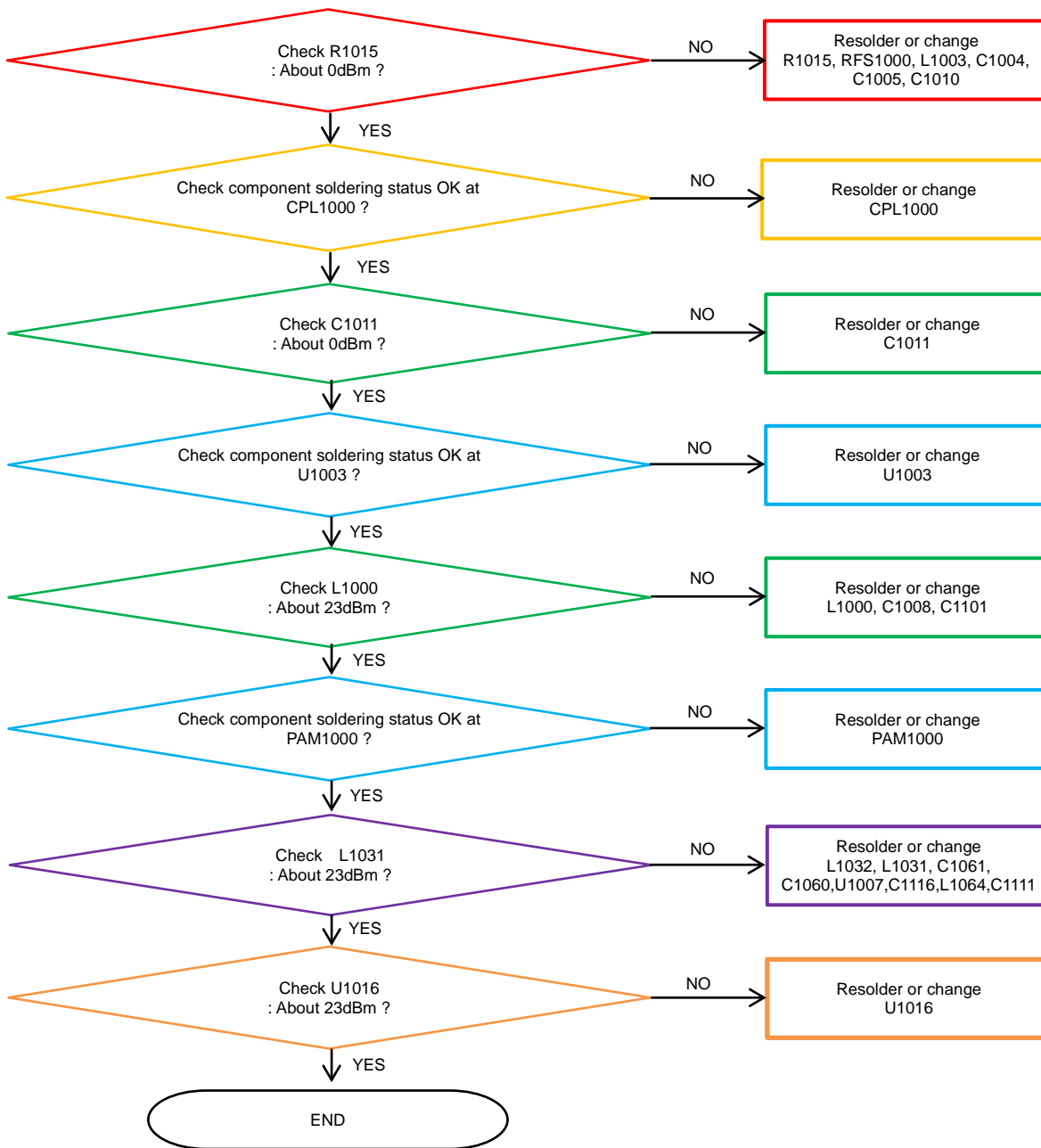
8. Level 3 Repair

8-4-27. GSM 850 / GSM900 TX [SM-J410F]



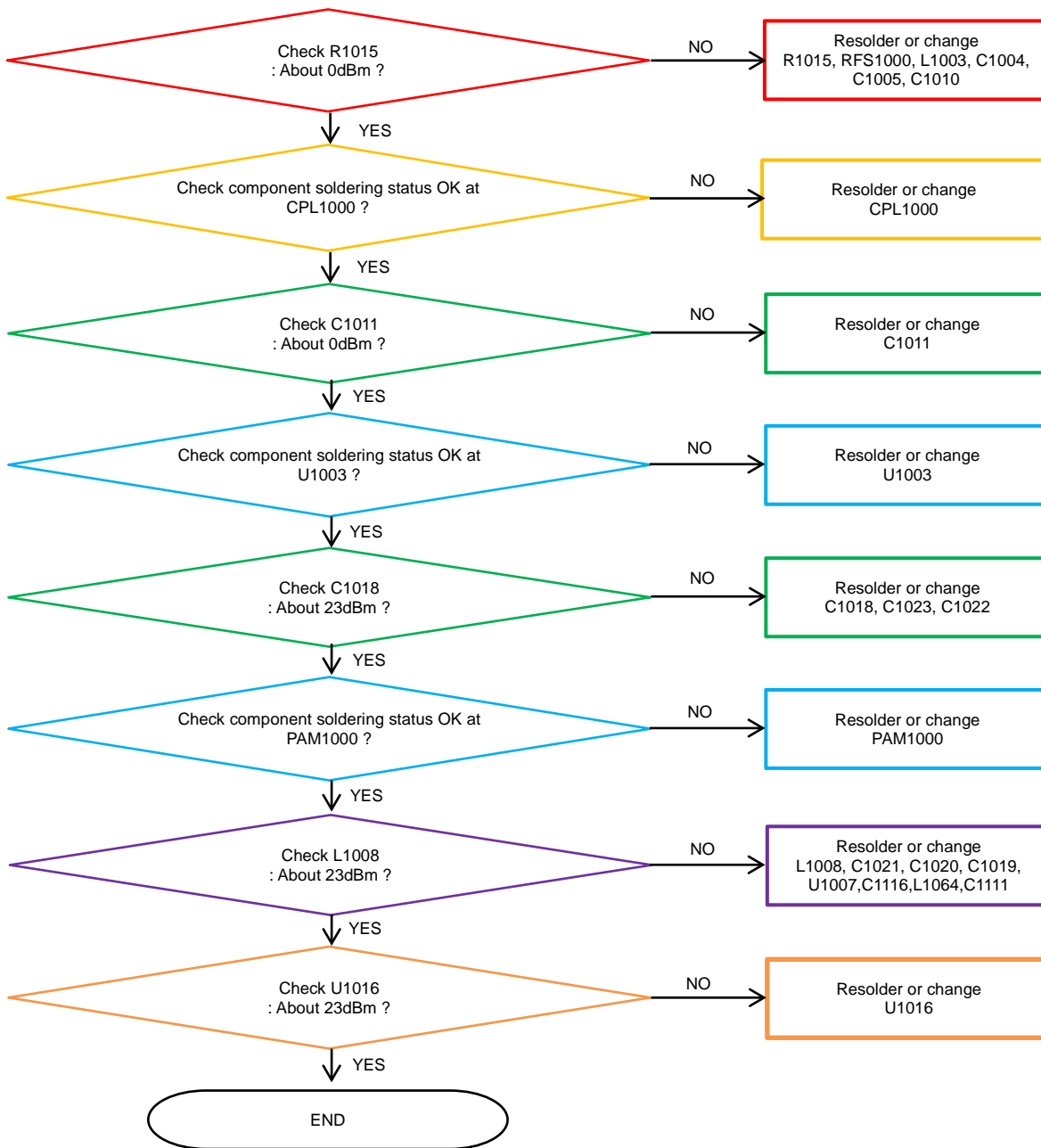
8. Level 3 Repair

8-4-28. GSM1800/ GSM1900 TX



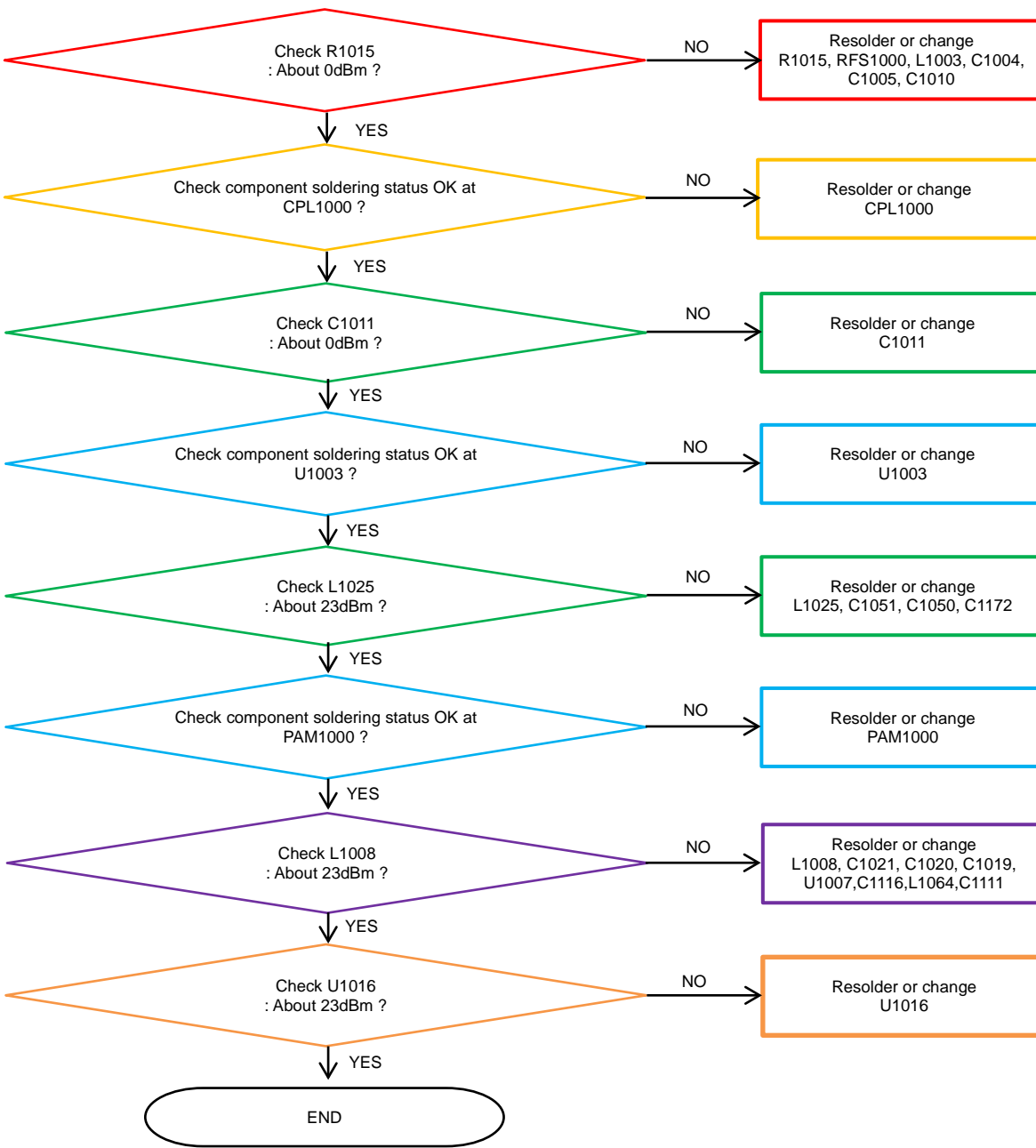
8. Level 3 Repair

8-4-29. LTE, WCDMA B1 TX



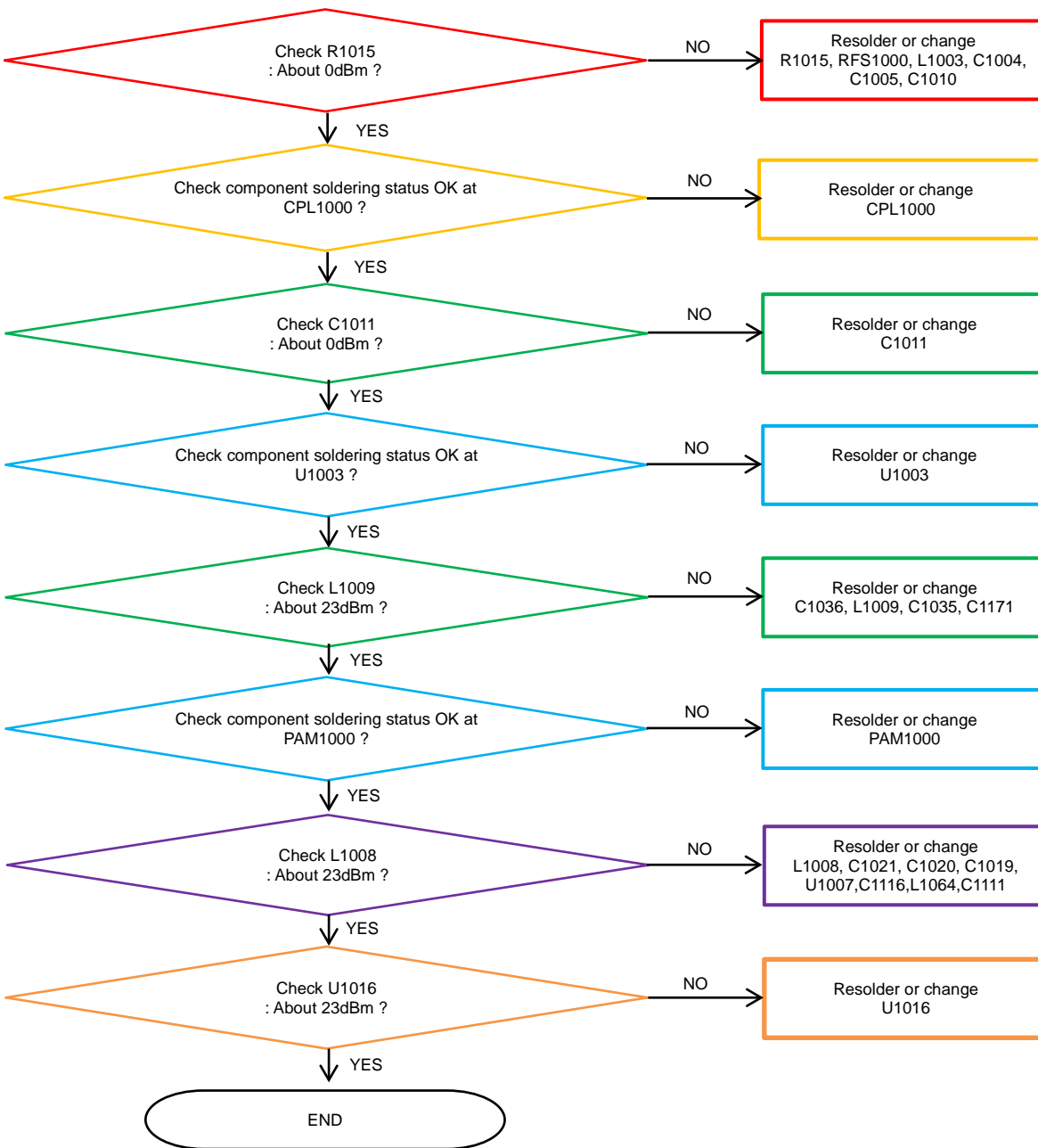
8. Level 3 Repair

8-4-30. LTE, WCDMA B2 TX



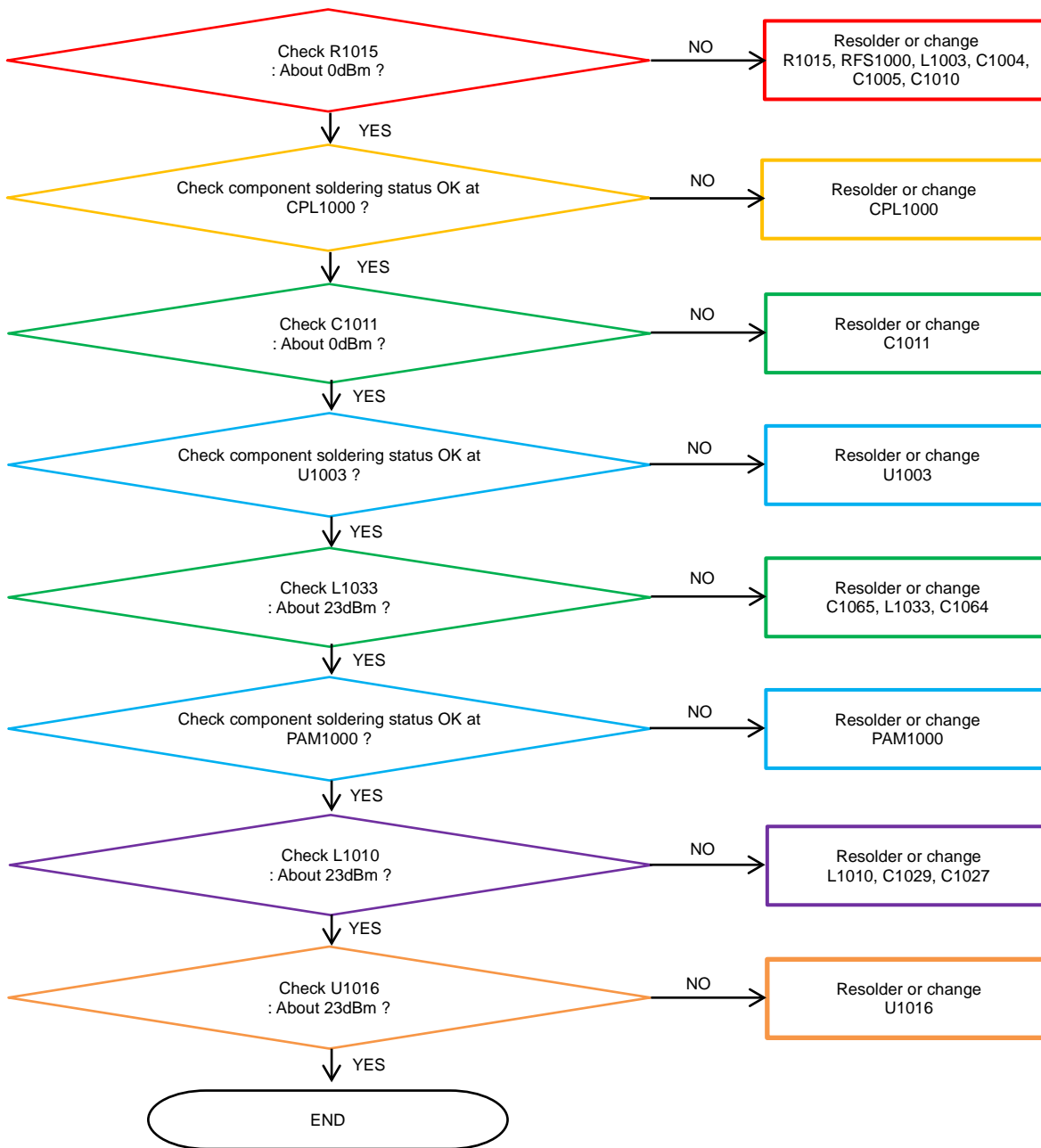
8. Level 3 Repair

8-4-31. LTE B3 TX



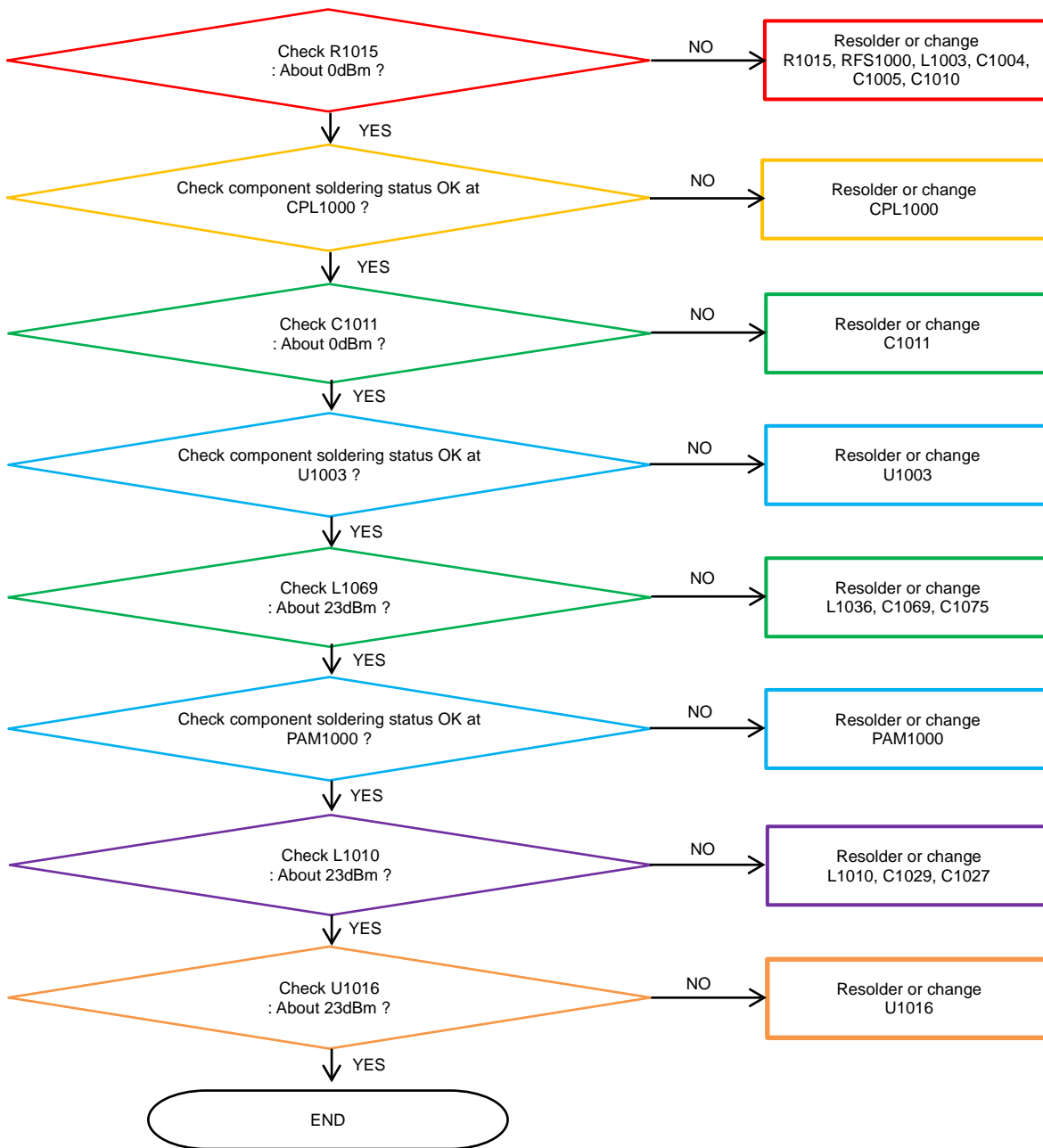
8. Level 3 Repair

8-4-32. LTE, WCDMA B5 TX



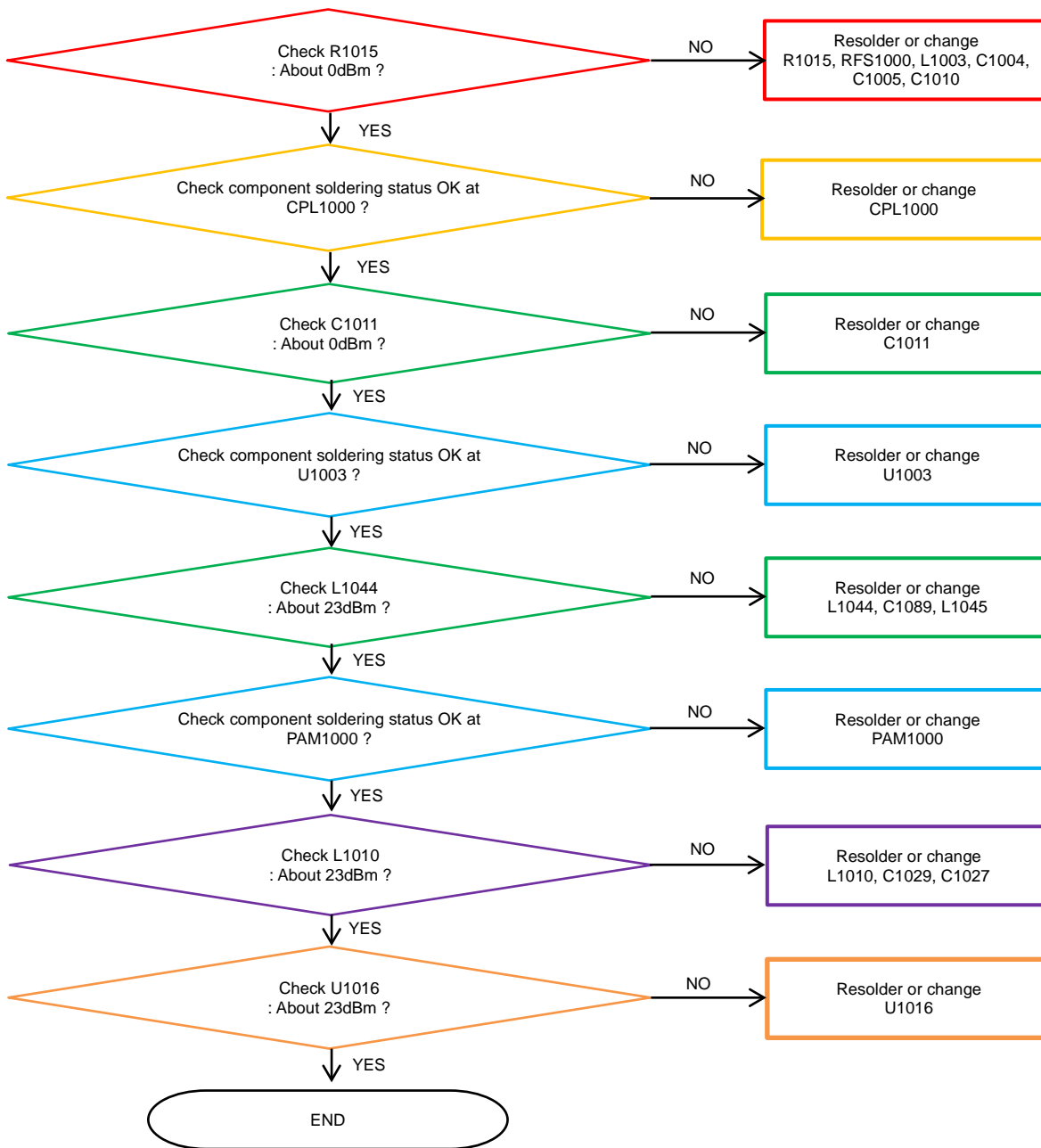
8. Level 3 Repair

8-4-33. LTE, WCDMA B8 TX



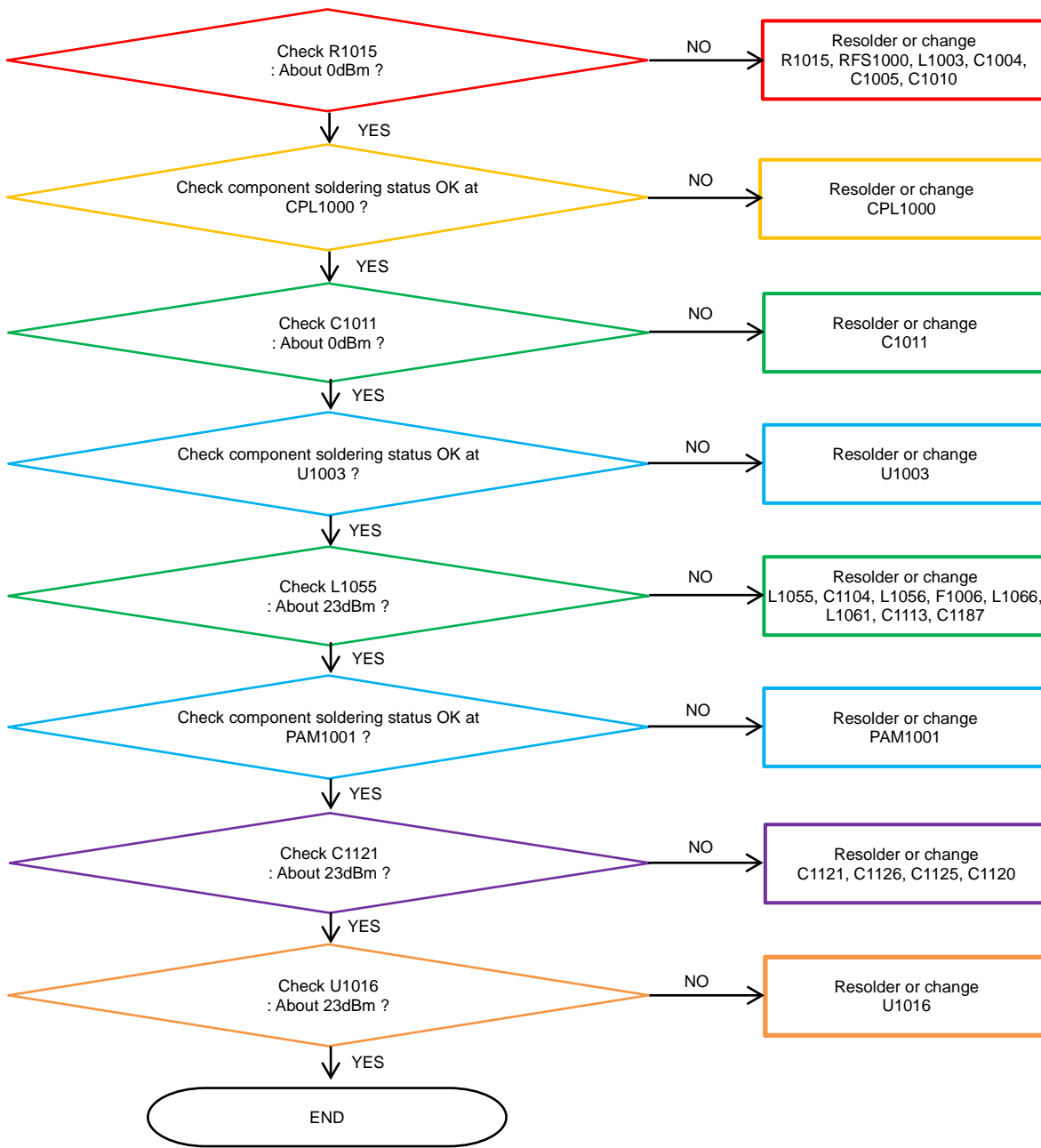
8. Level 3 Repair

8-4-34. LTE B20 TX



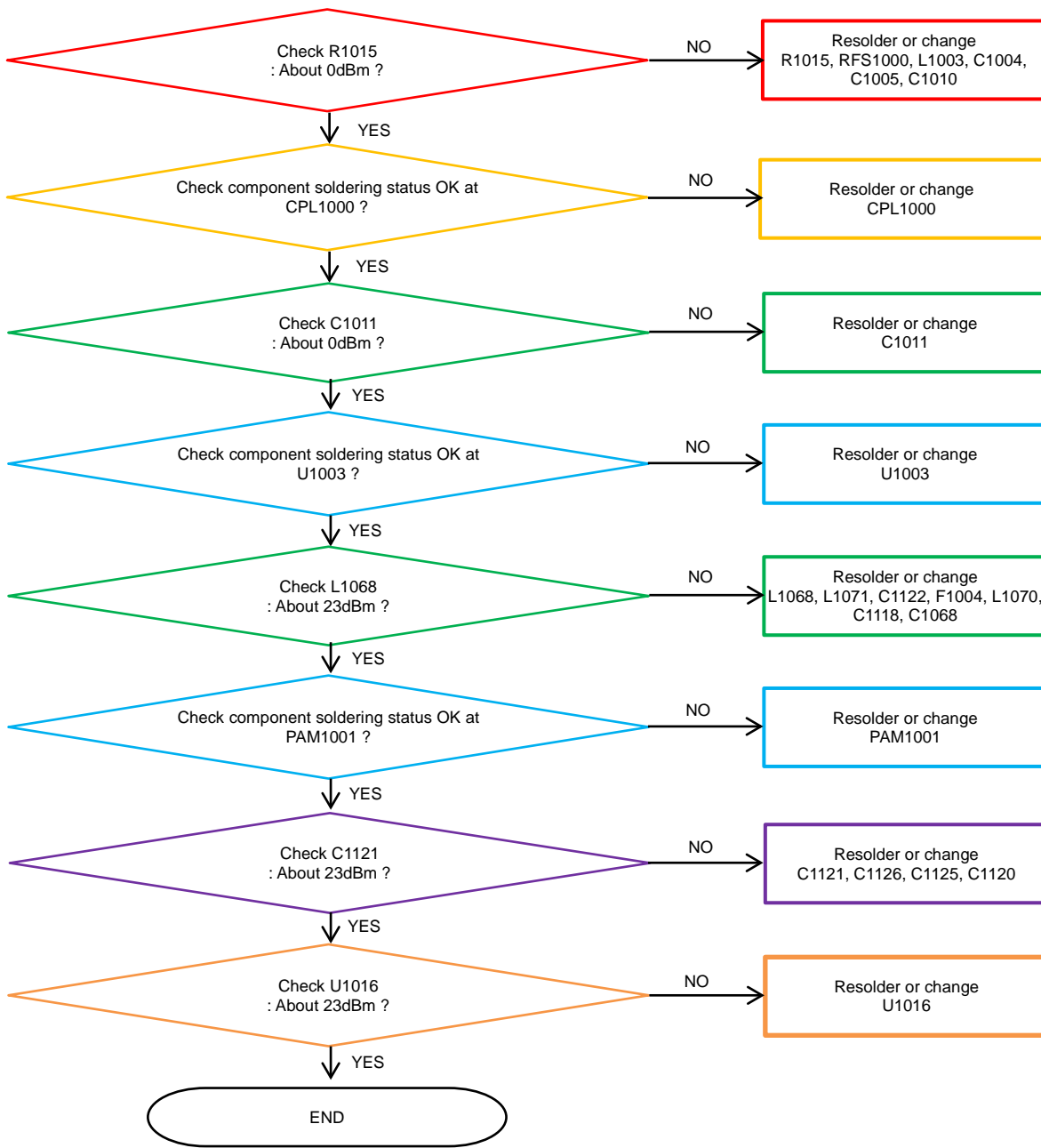
8. Level 3 Repair

8-4-35. LTE B7 TX [SM-J410F, SM-J410G]



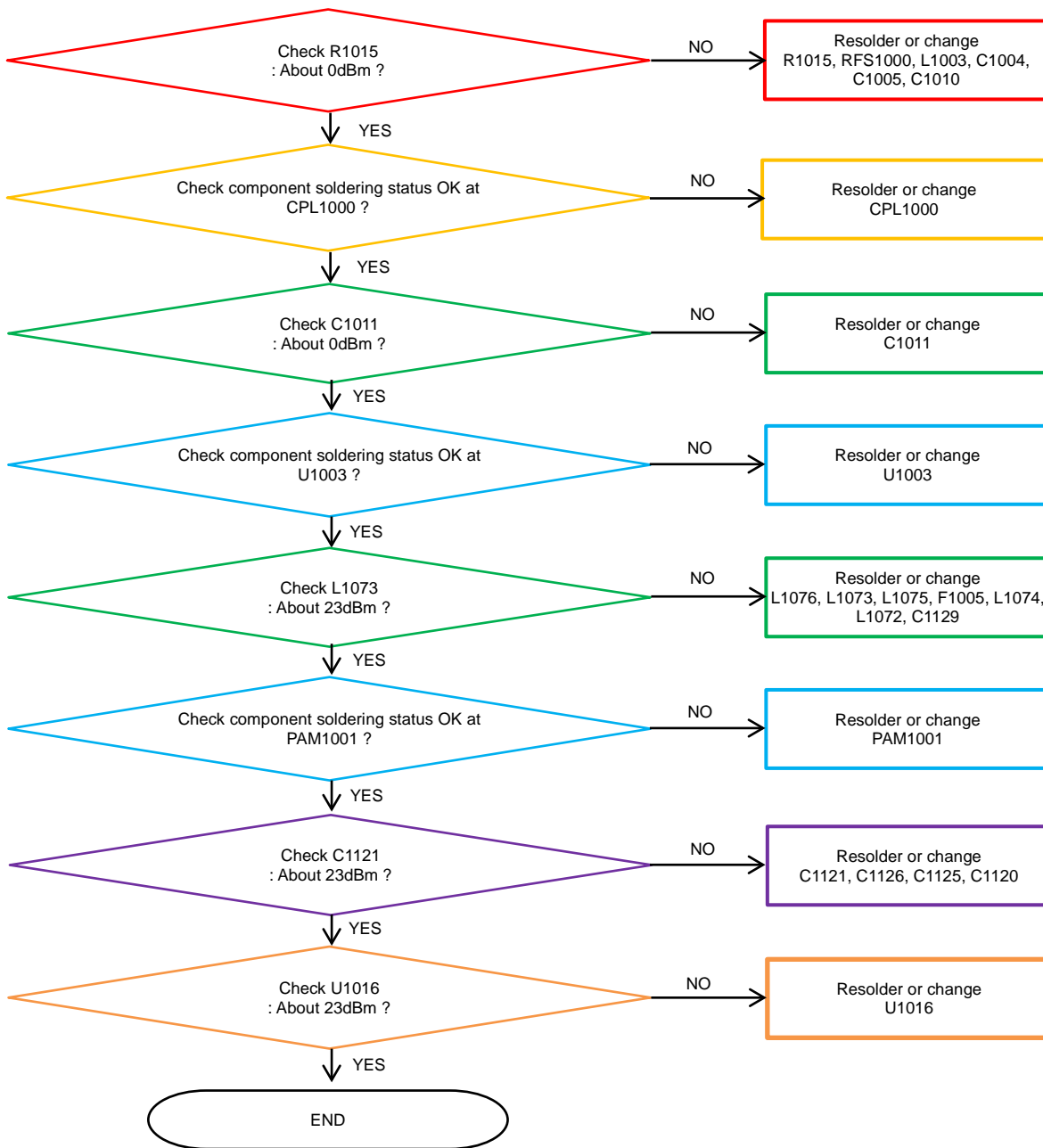
8. Level 3 Repair

8-4-36. LTE B38, 41 TX [SM-J410F, SM-J410G]



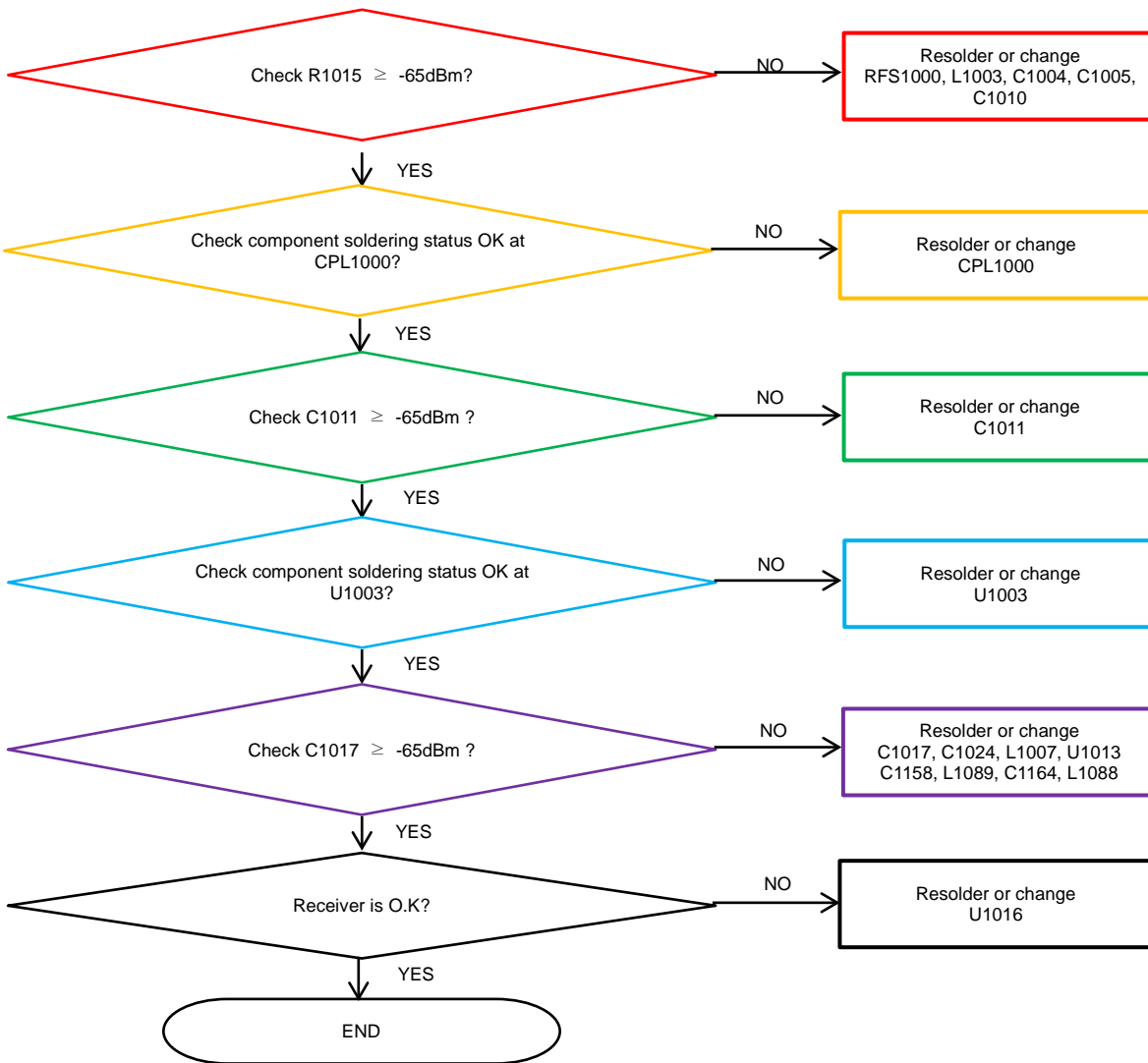
8. Level 3 Repair

8-4-37. LTE B40 TX [SM-J410F, SM-J410G]



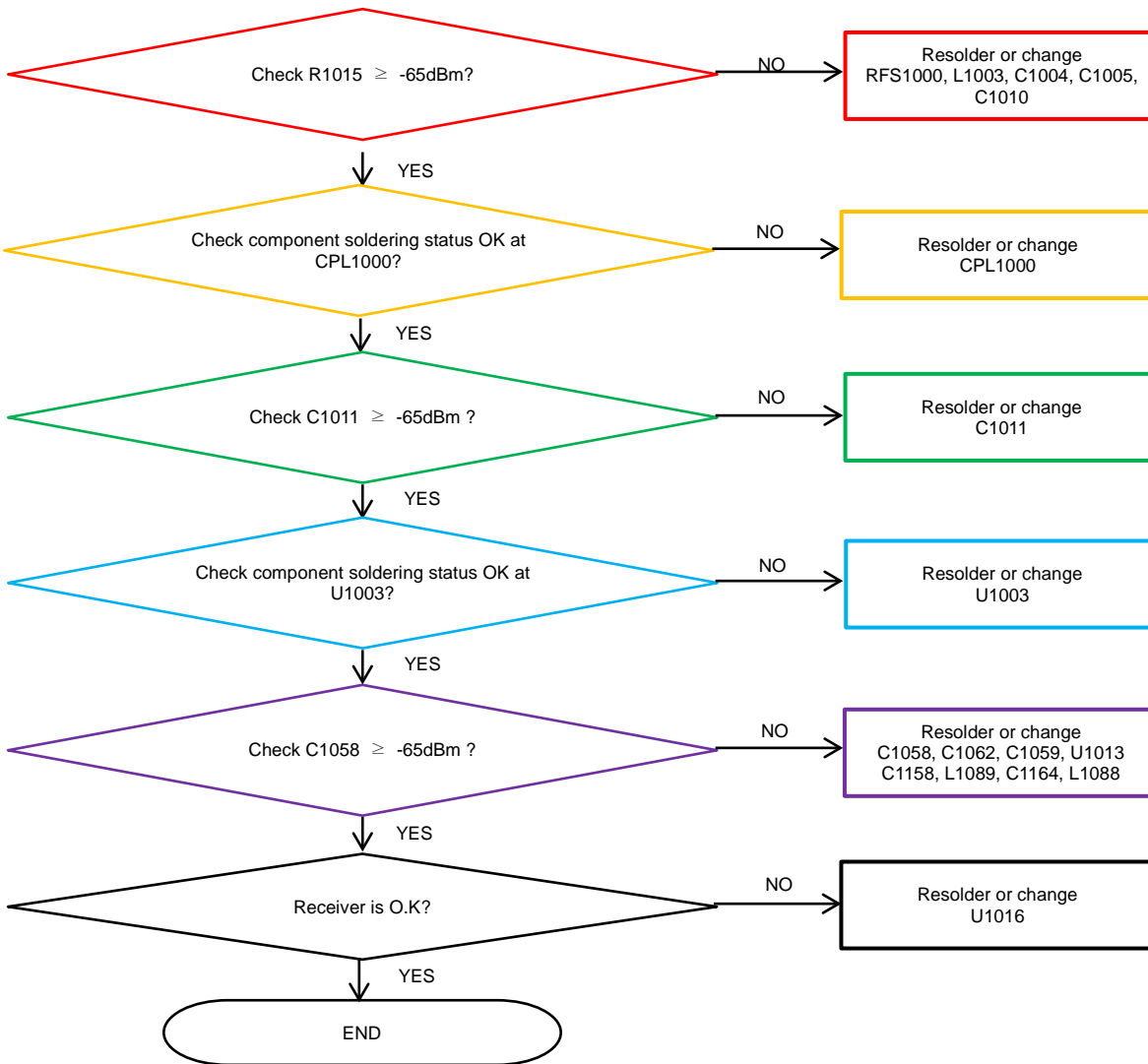
8. Level 3 Repair

8-4-38. LTE B1, WCDMA B1 Rx [SM-J410G]



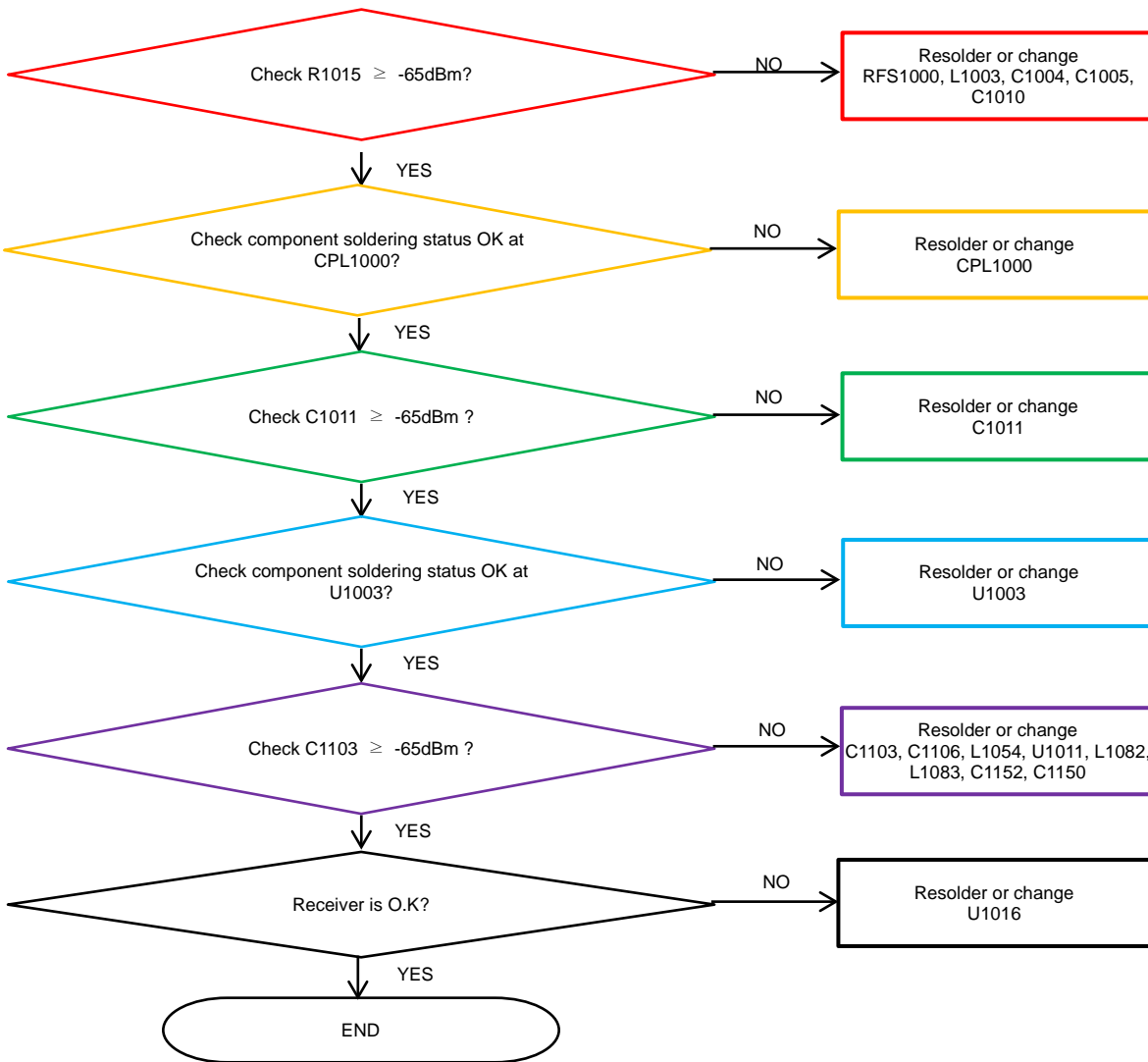
8. Level 3 Repair

8-4-39. WCDMA B4, LTE B4, B66 Rx [SM-J410G]



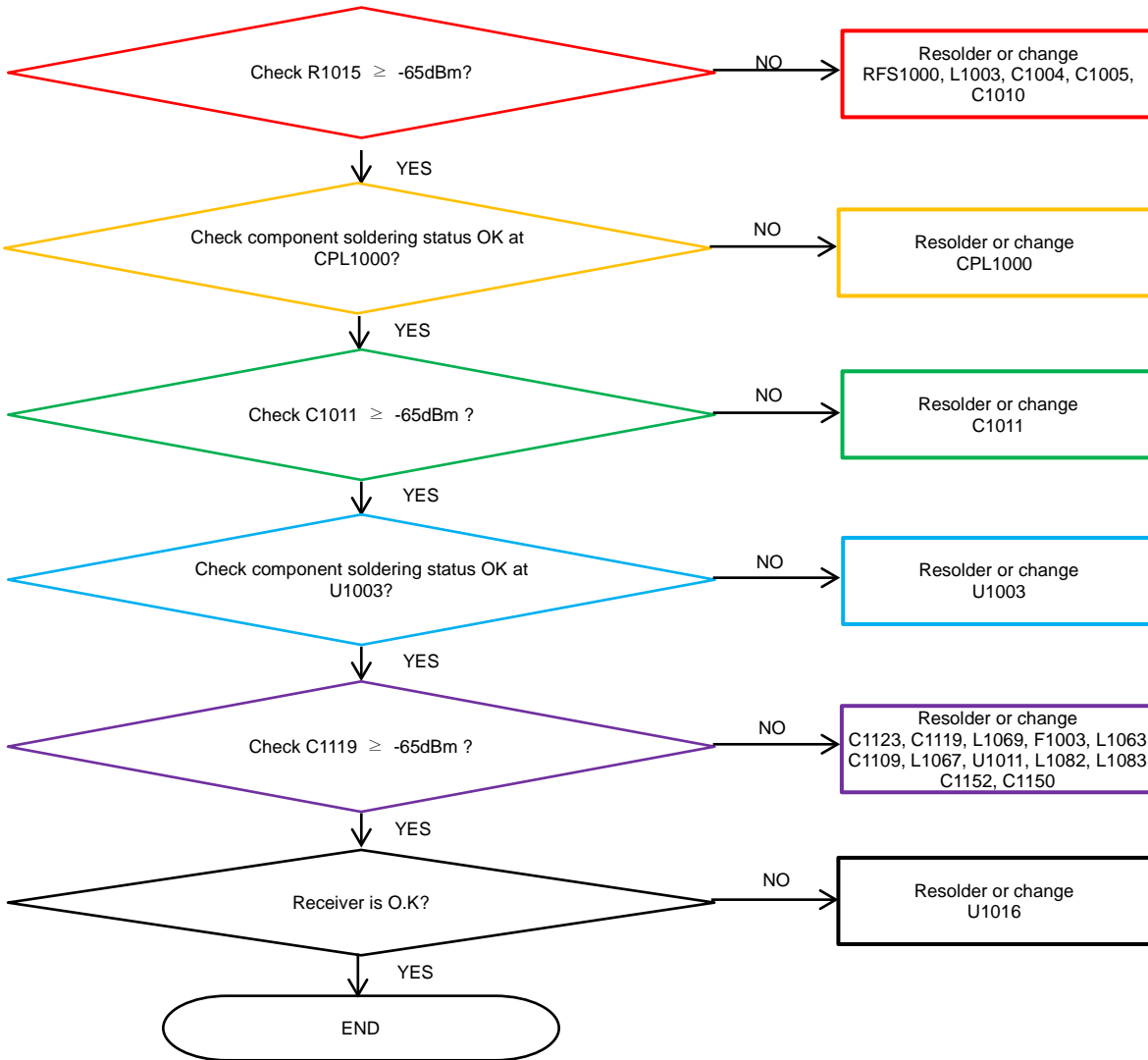
8. Level 3 Repair

8-4-40. LTE B20 RX [SM-J410G]



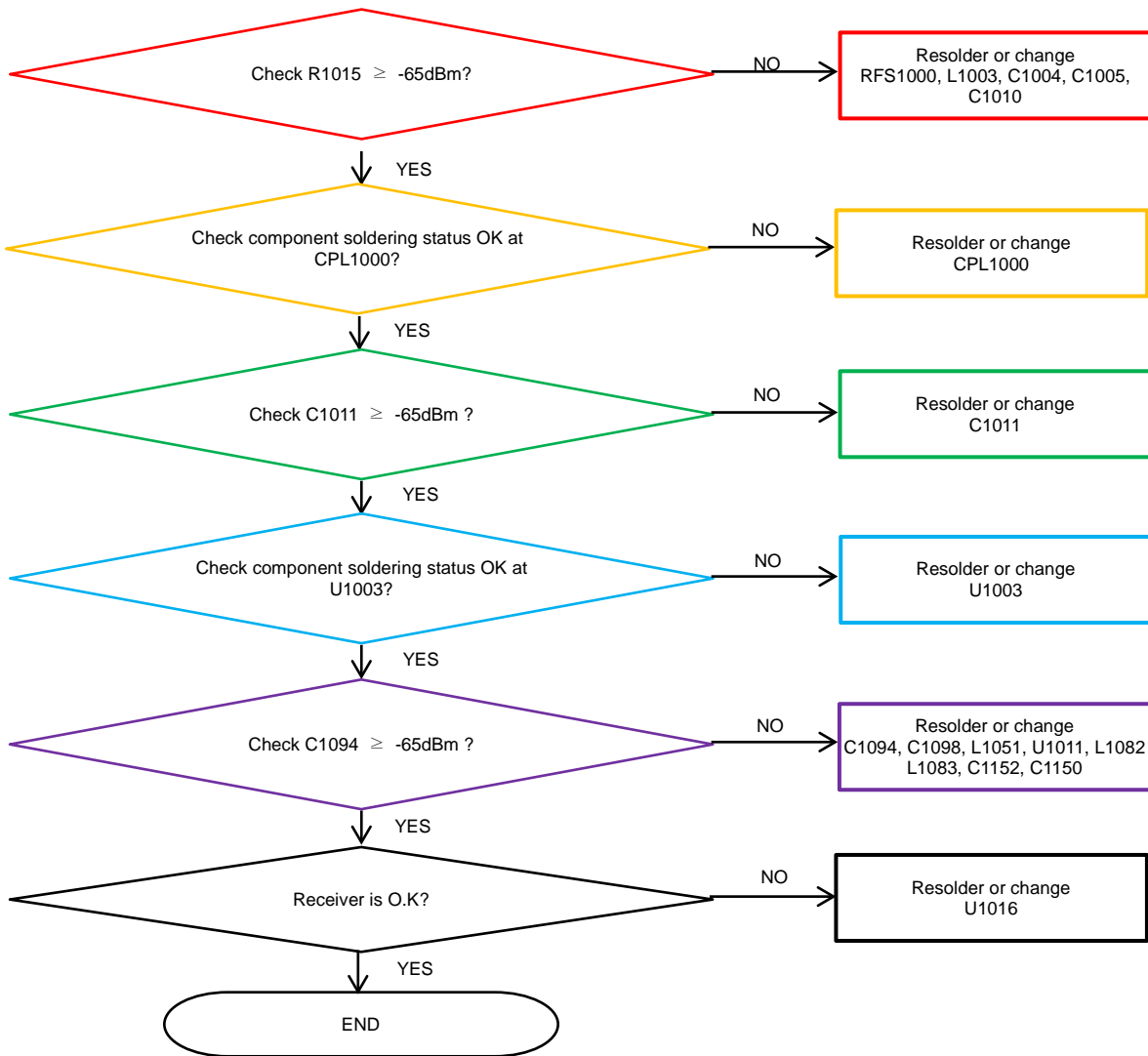
8. Level 3 Repair

8-4-41. LTE B28 RX [SM-J410G]



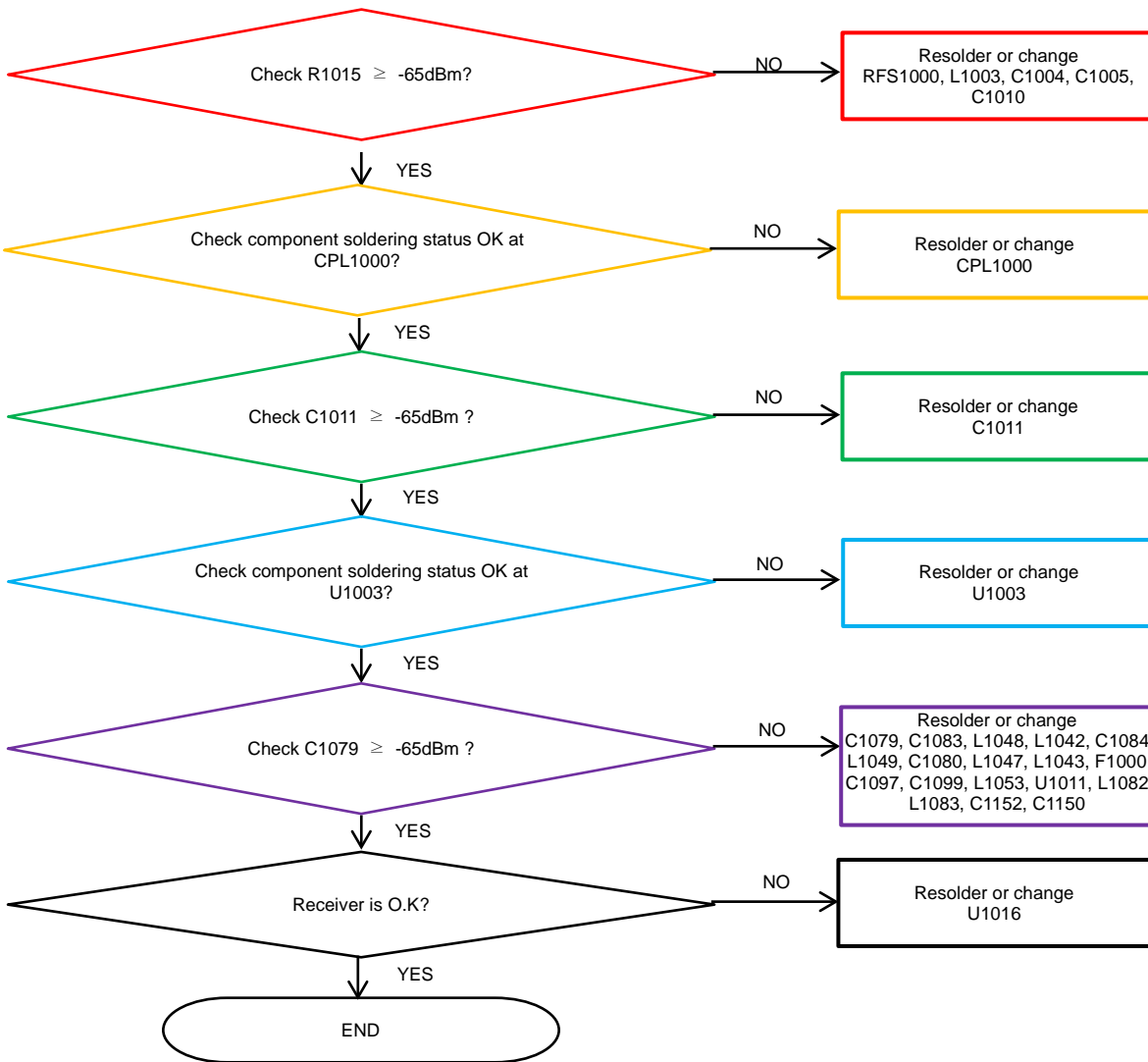
8. Level 3 Repair

8-4-42. LTE B12, 17 RX [SM-J410G]



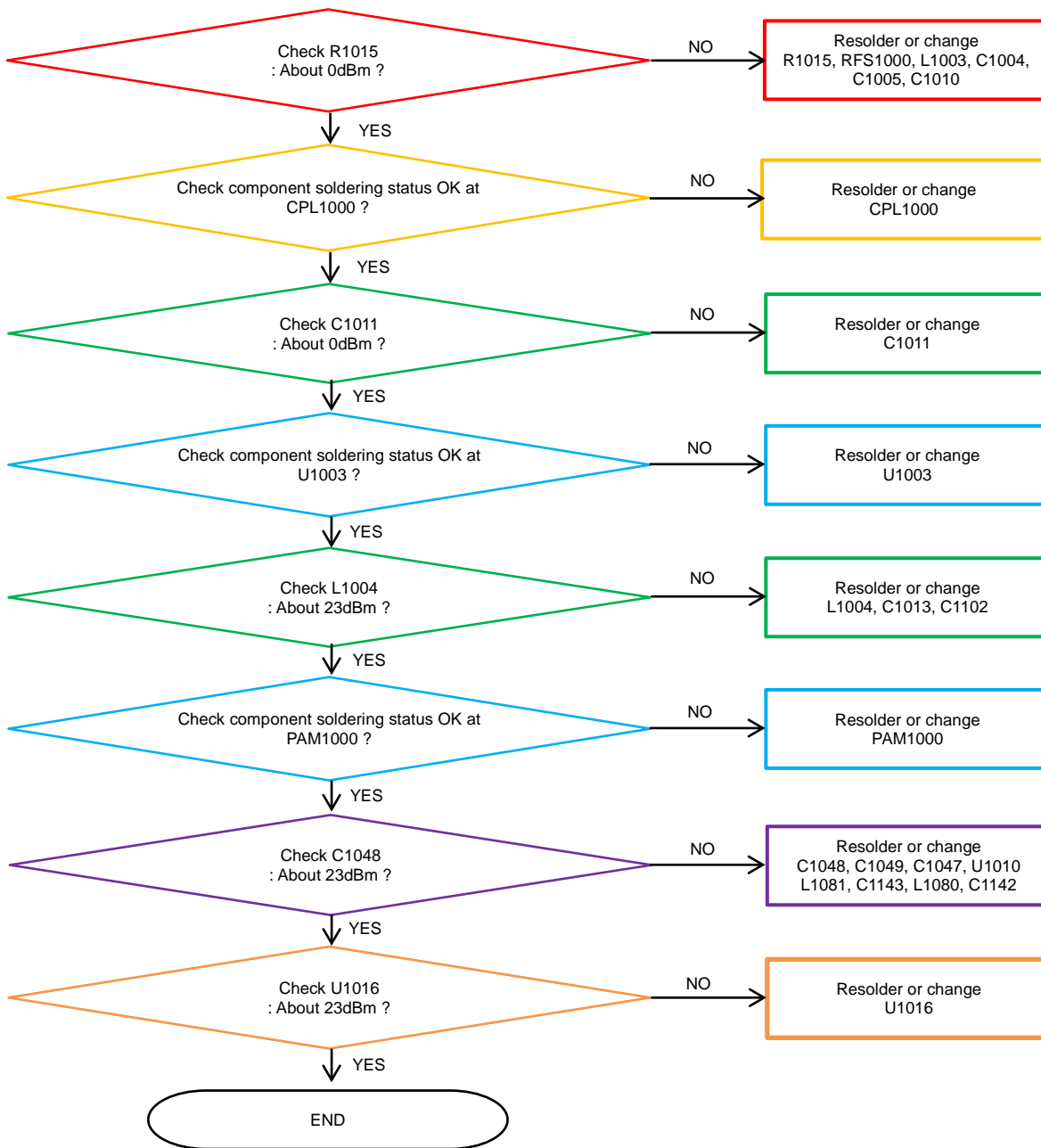
8. Level 3 Repair

8-4-43. LTE B13 RX [SM-J410G]



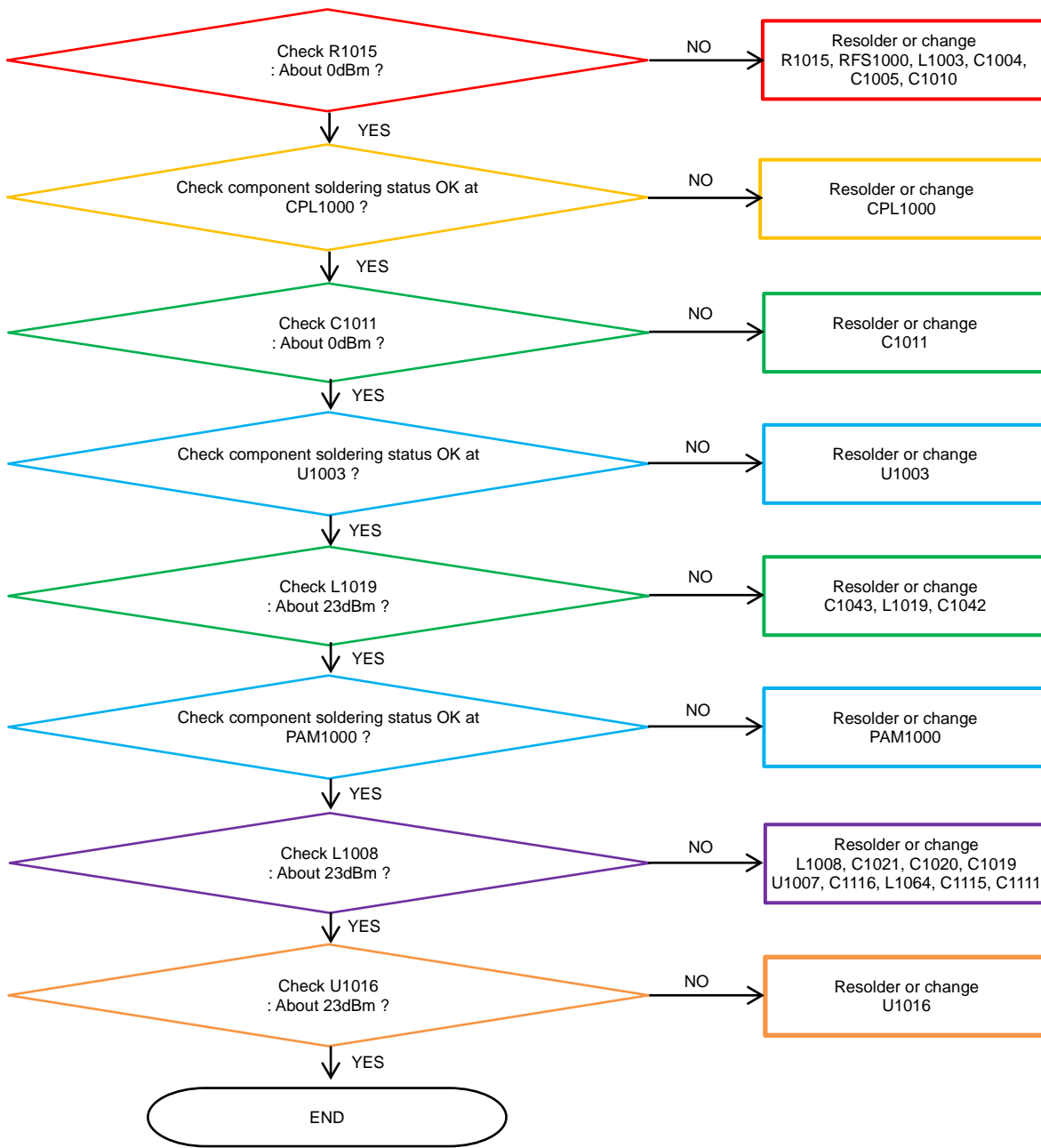
8. Level 3 Repair

8-4-44. GSM 850 / GSM900 TX [SM-J410G]



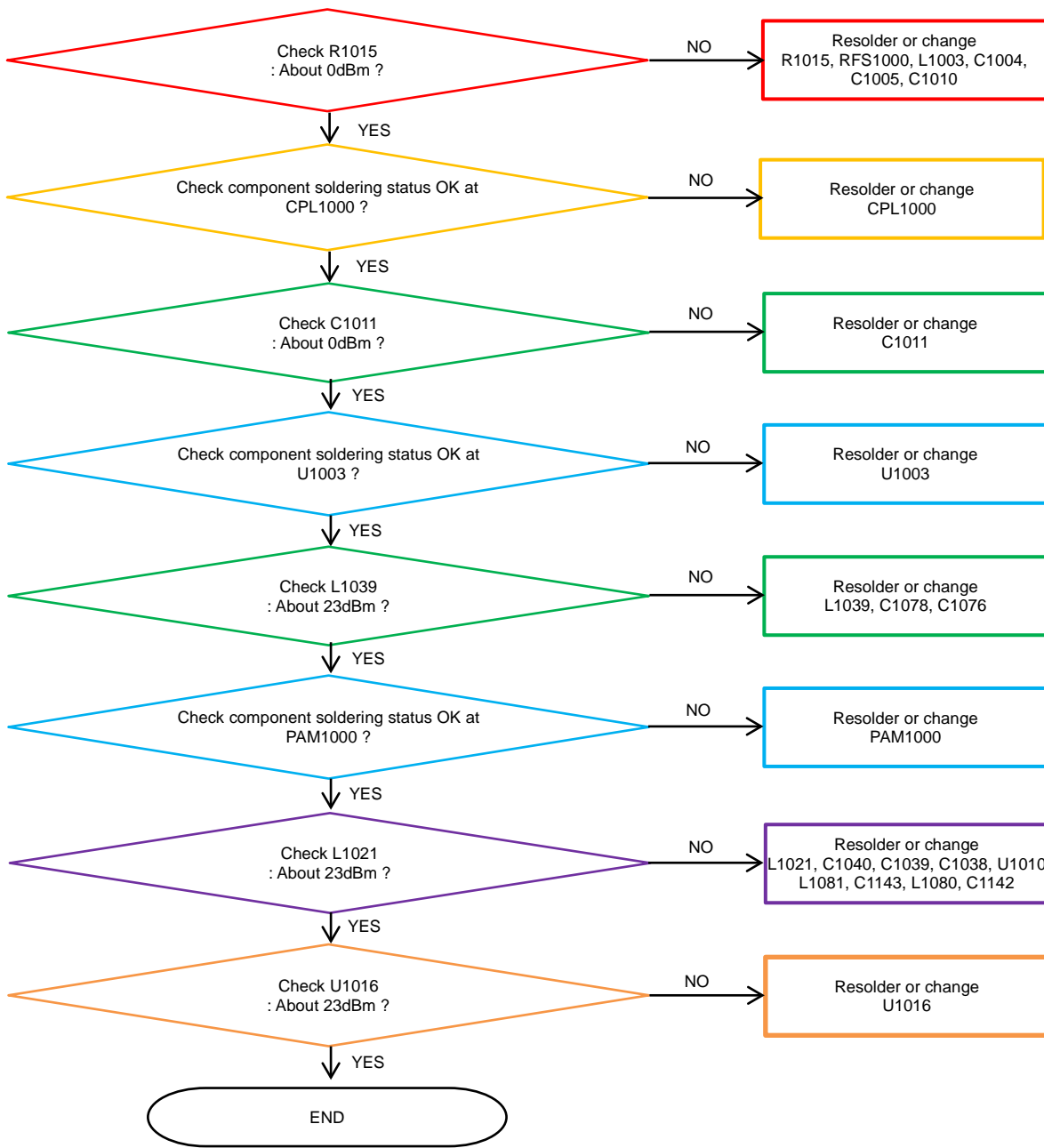
8. Level 3 Repair

8-4-45. WCDMA B4, LTE B4, B66 TX [SM-J410G]



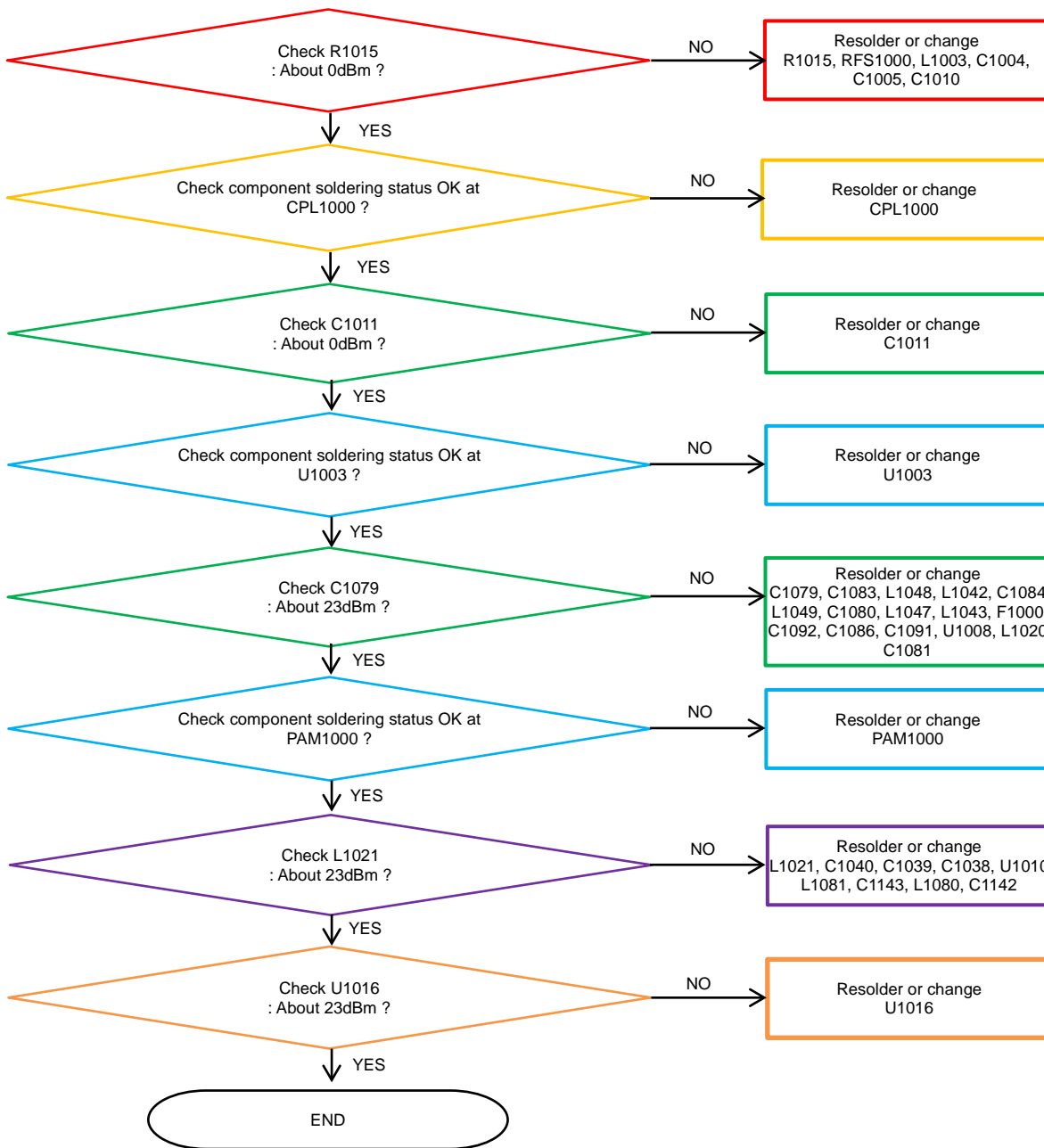
8. Level 3 Repair

8-4-46. LTE B12, B17 TX [SM-J410G]



8. Level 3 Repair

8-4-47. LTE B13 TX [SM-J410G]



8. Level 3 Repair

8-4-48. LTE B28 TX [SM-J410G]

