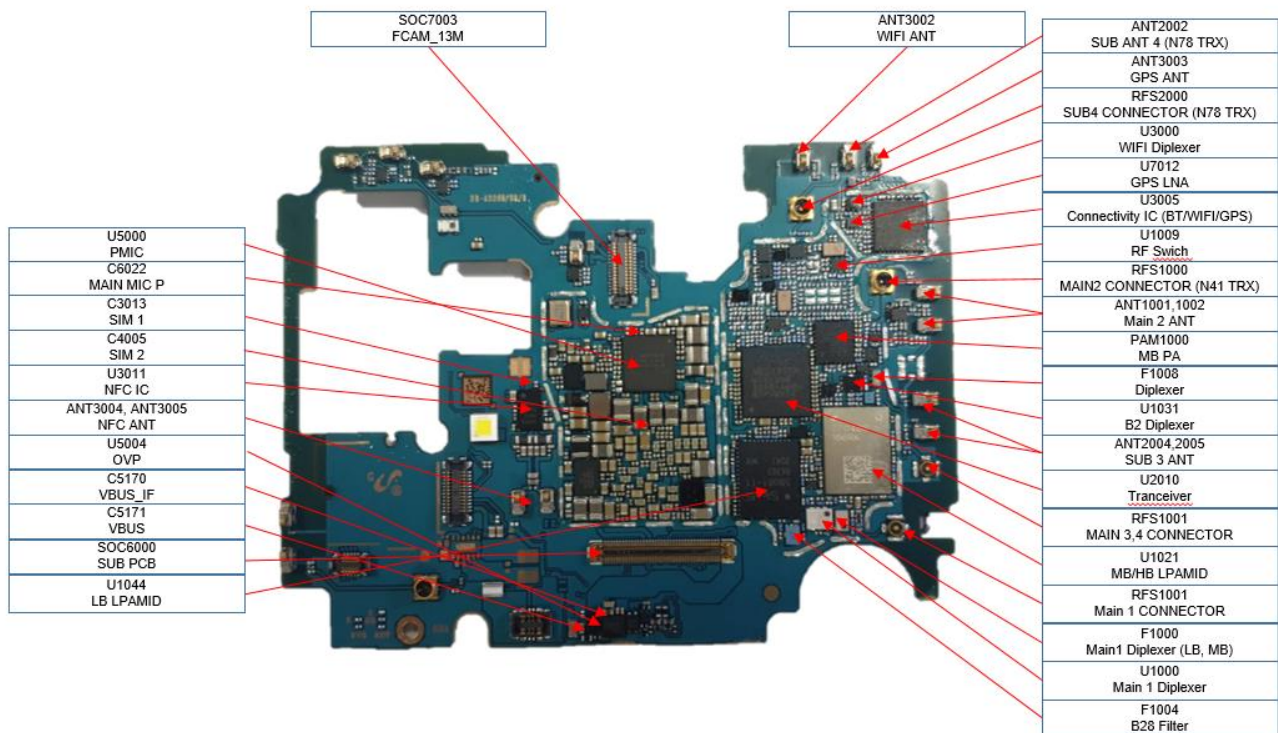


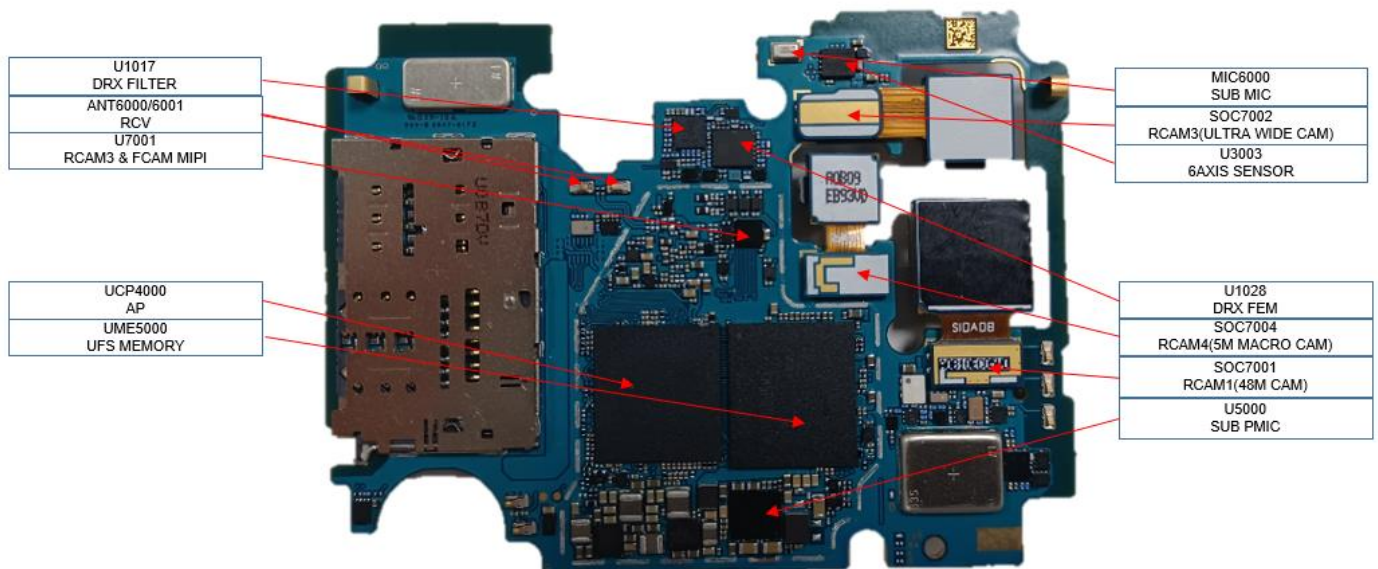
8. Level 3 Repair

8-1. Components Layout

PBA (Bottom)

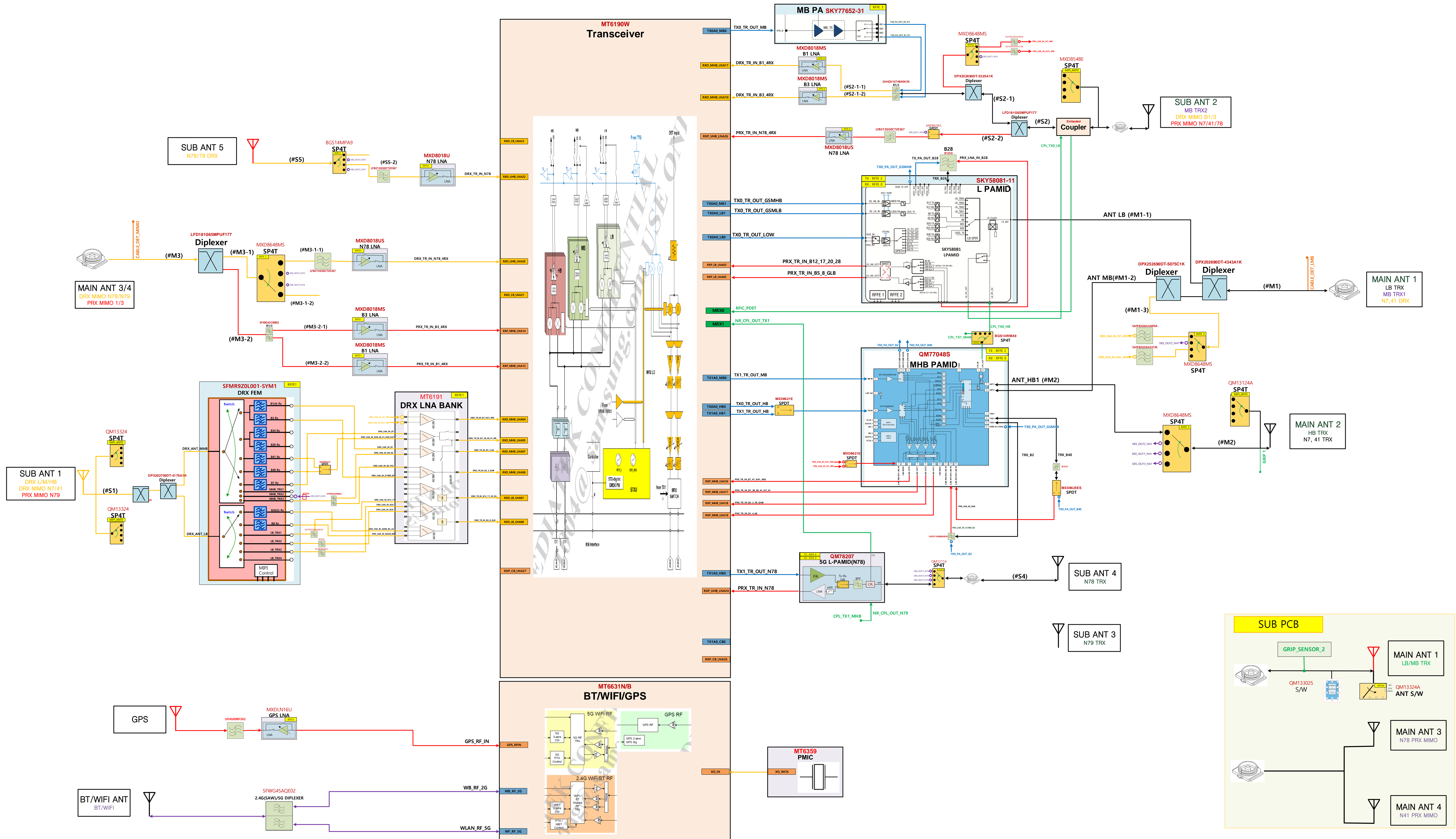


PBA (Top)



SM-A326B/BR/M326B Common

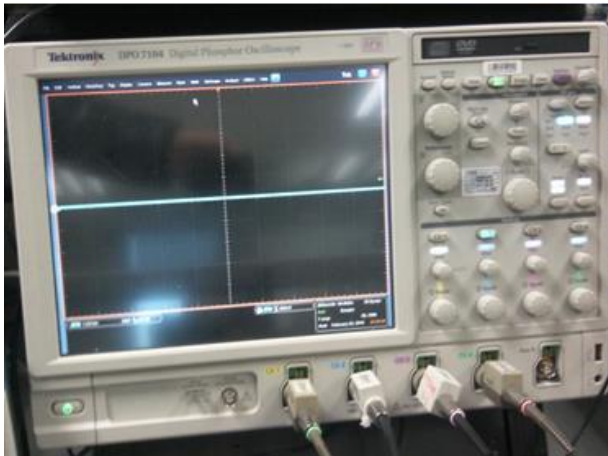






8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



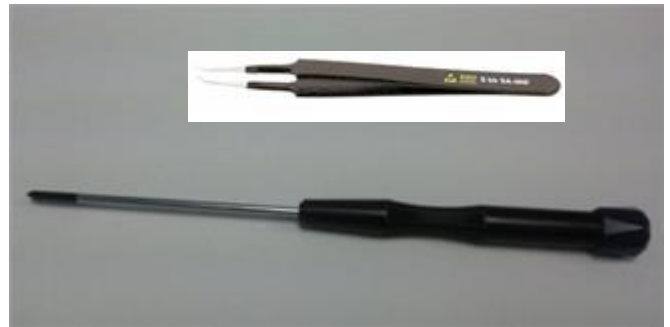
Oscilloscope



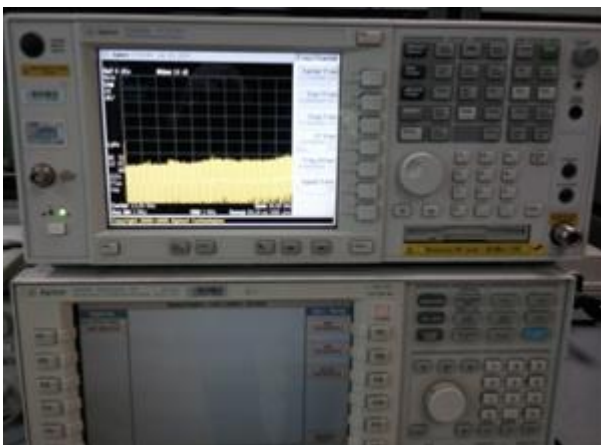
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



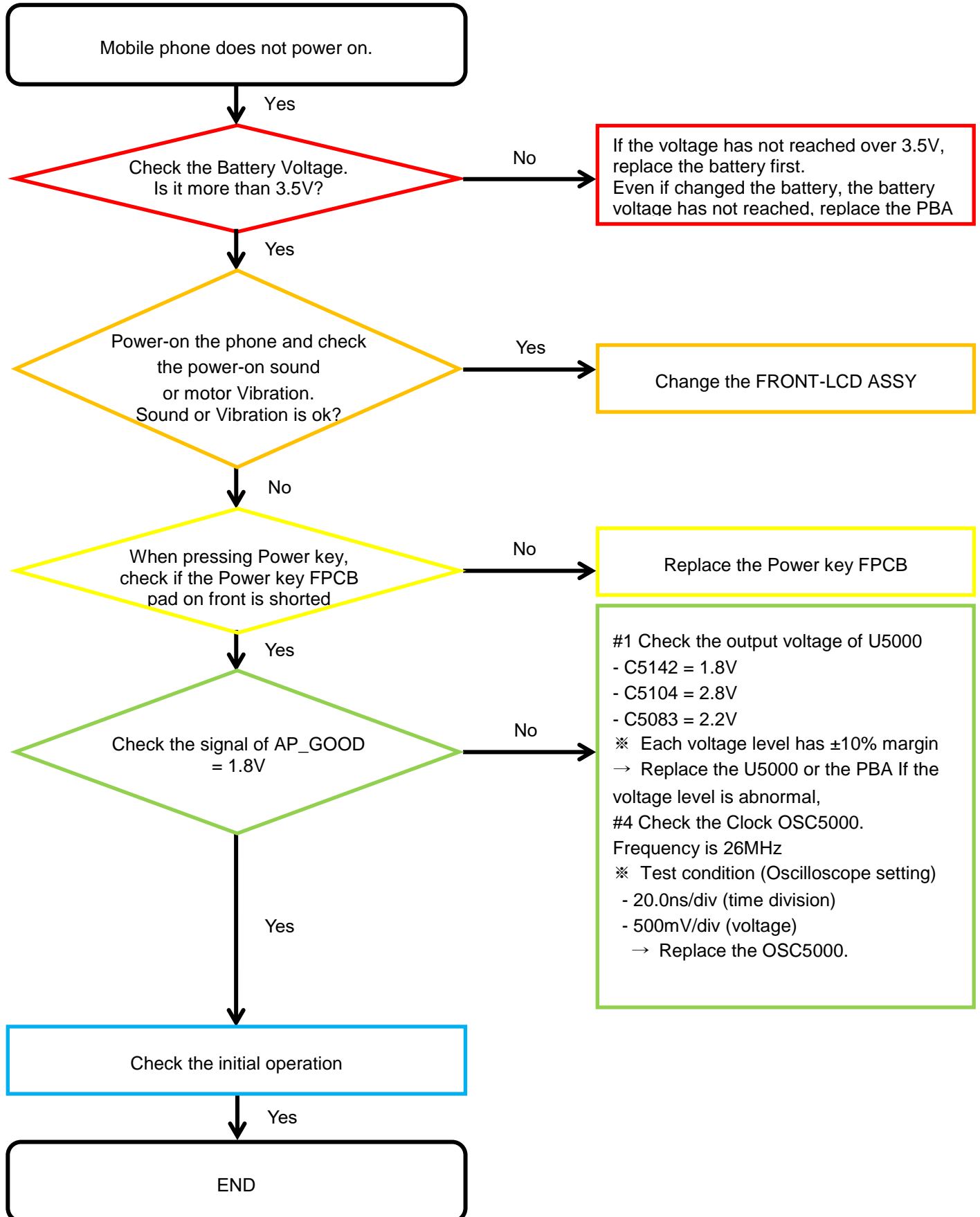
8960 & Spectrum Analyzer



Soldering iron

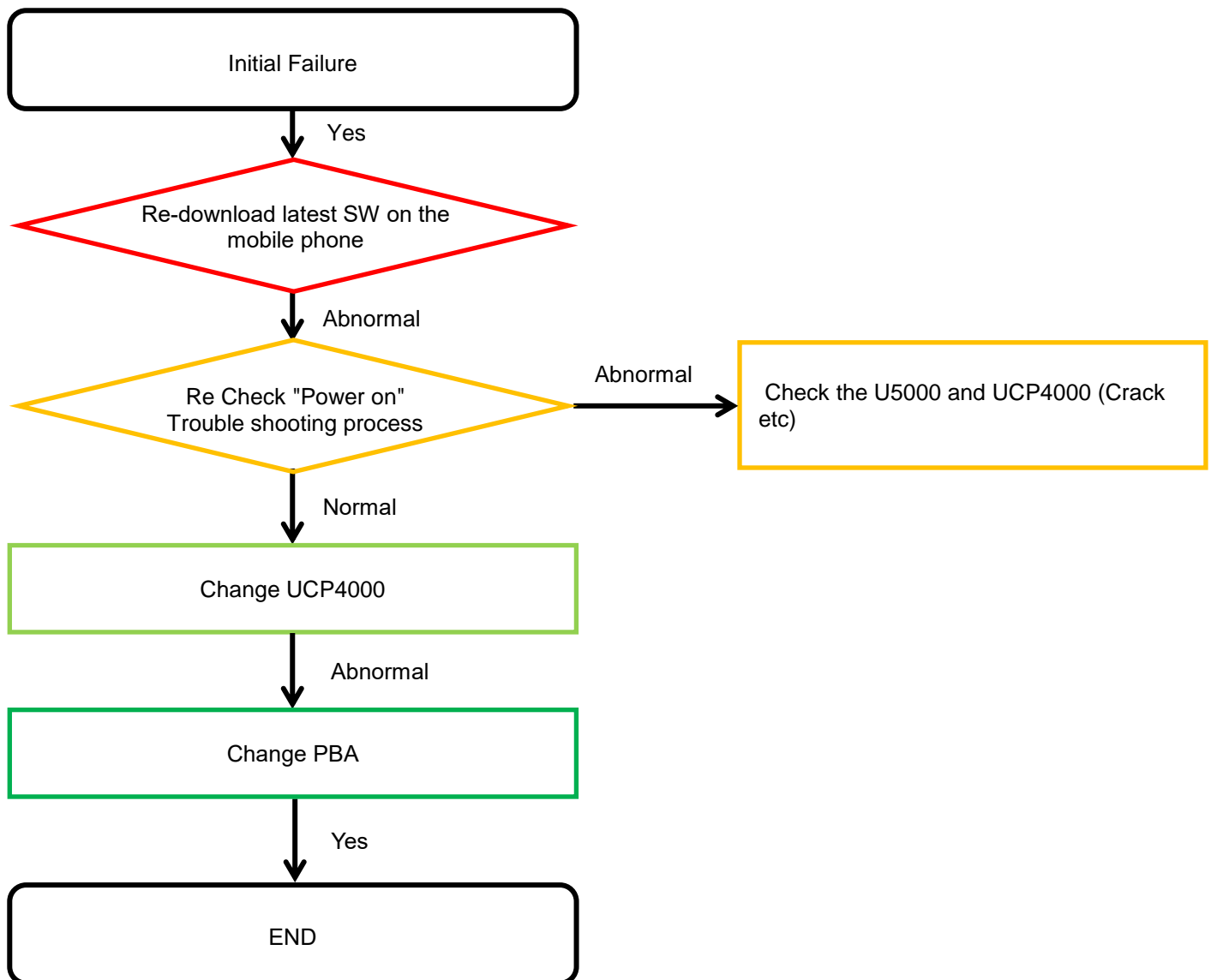
8. Level 3 Repair

8-4-1. Power On



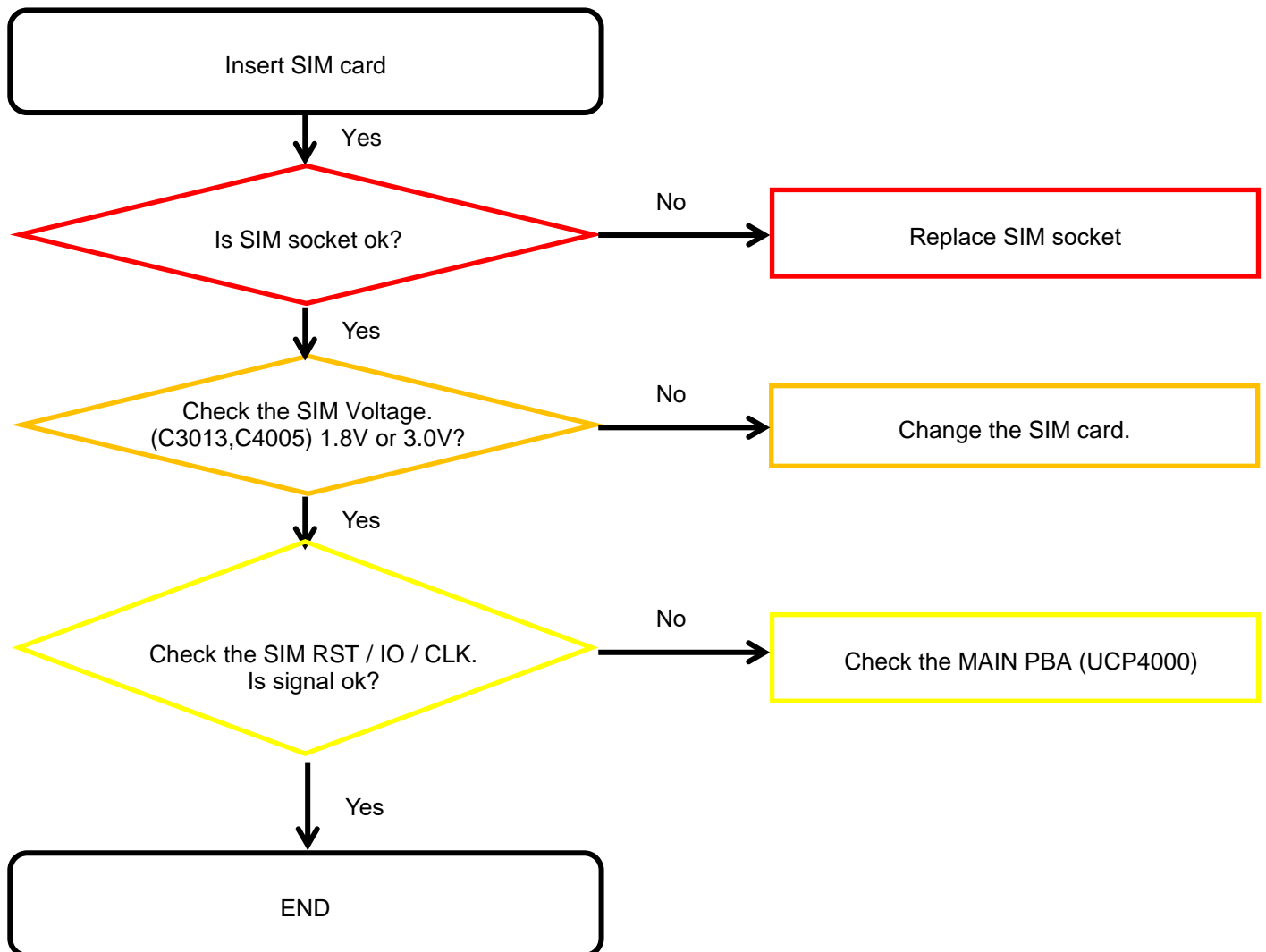
8. Level 3 Repair

8-4-2. Initial



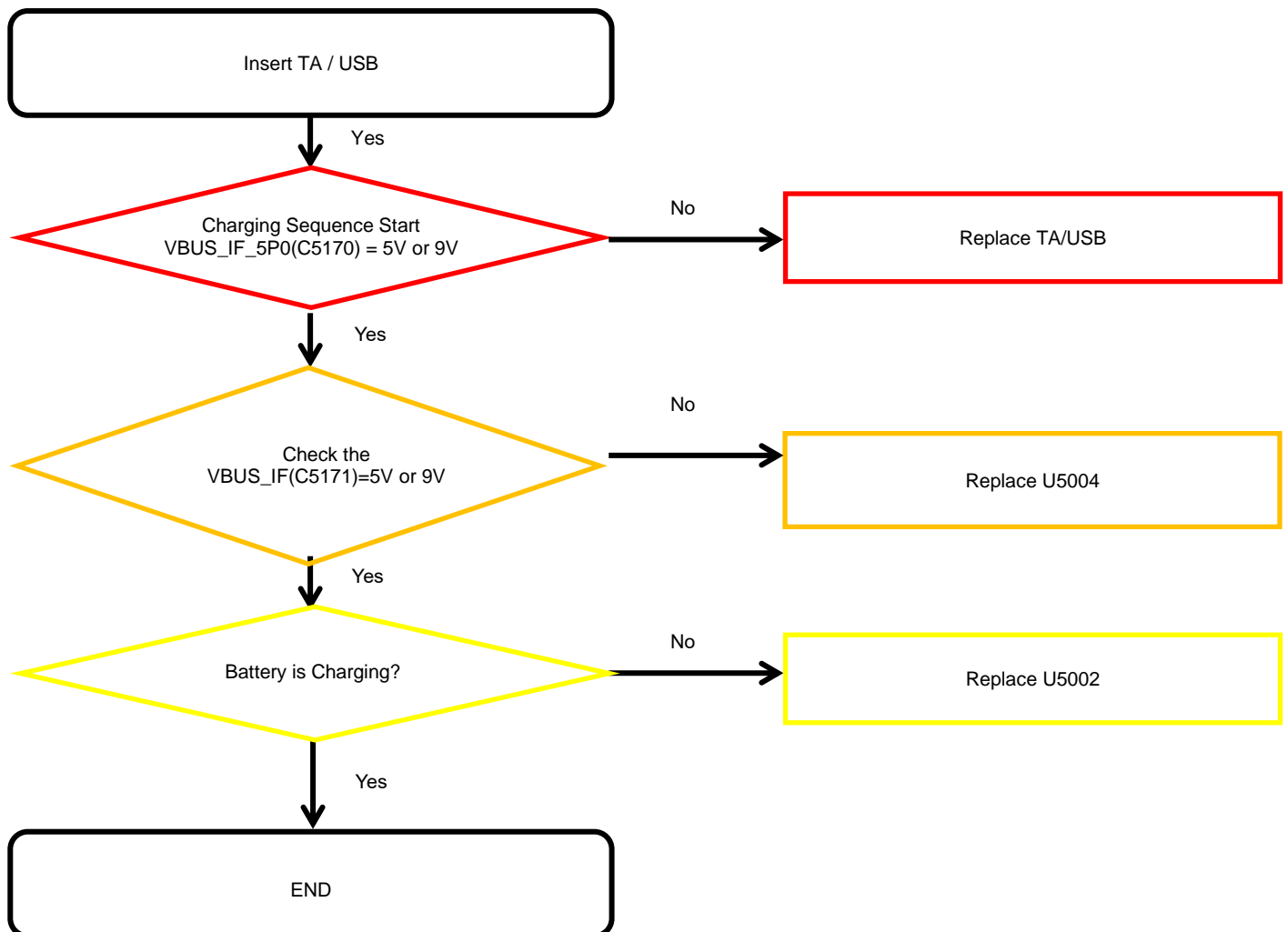
8. Level 3 Repair

8-4-3. SIM Part



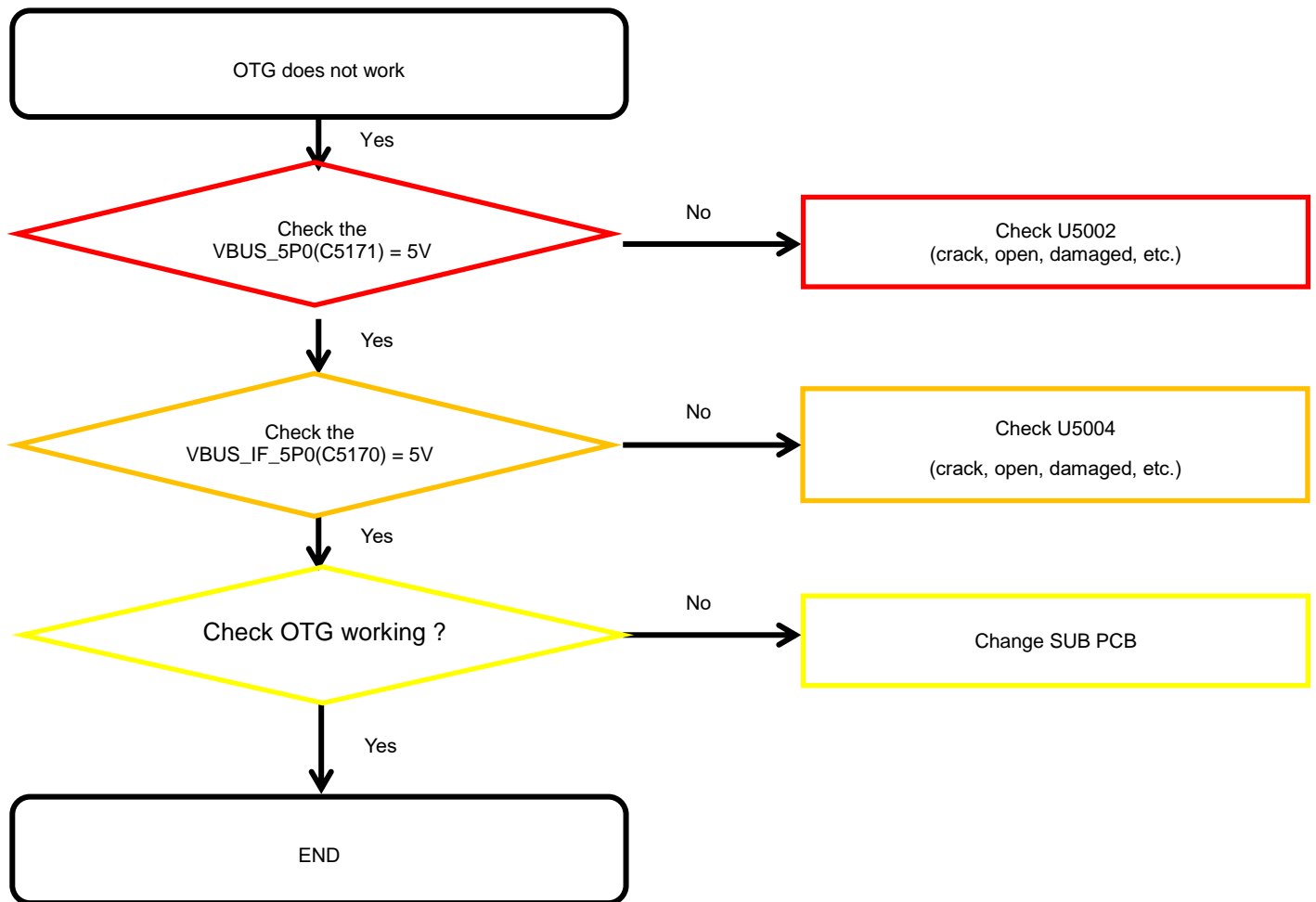
8. Level 3 Repair

8-4-4-1. Cable Charging Part (Normal/Fast)



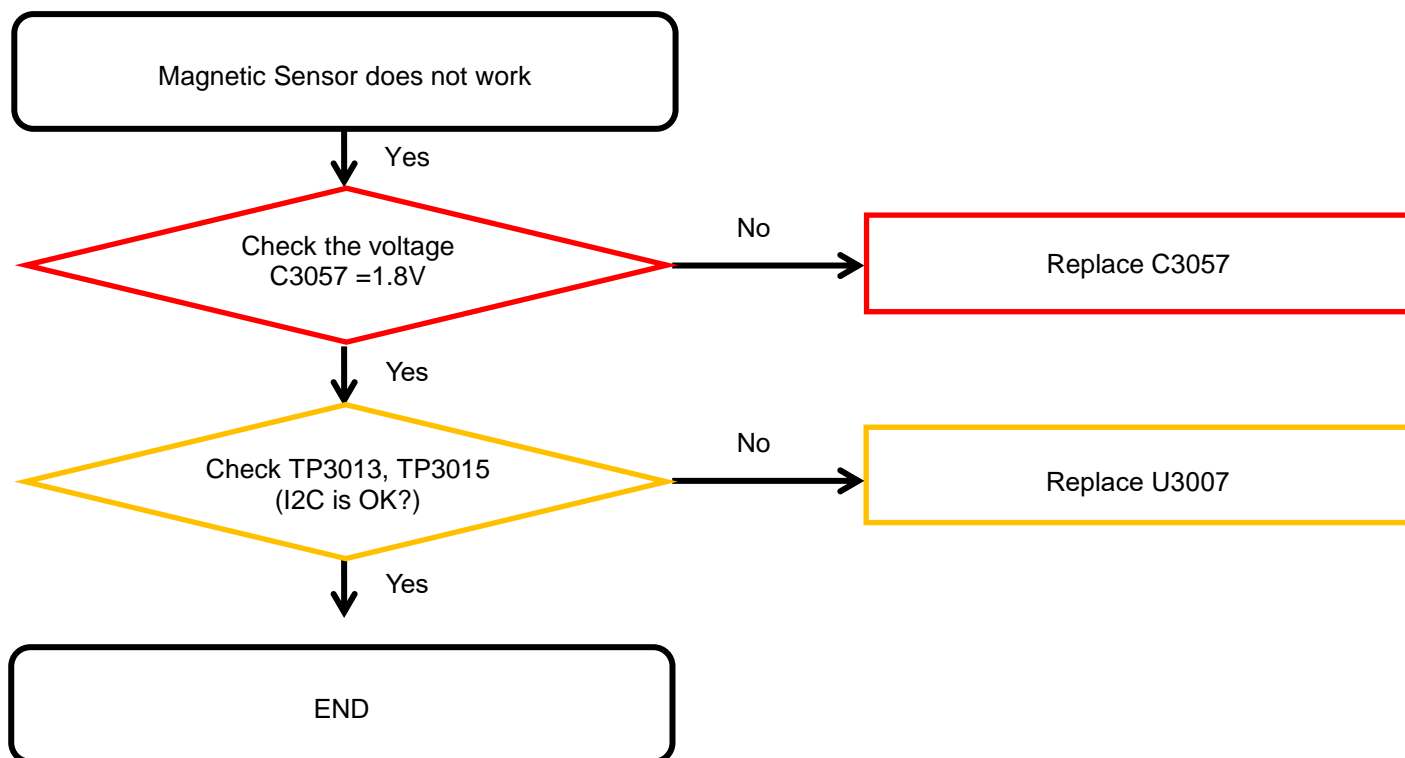
8. Level 3 Repair

8-4-5. OTG



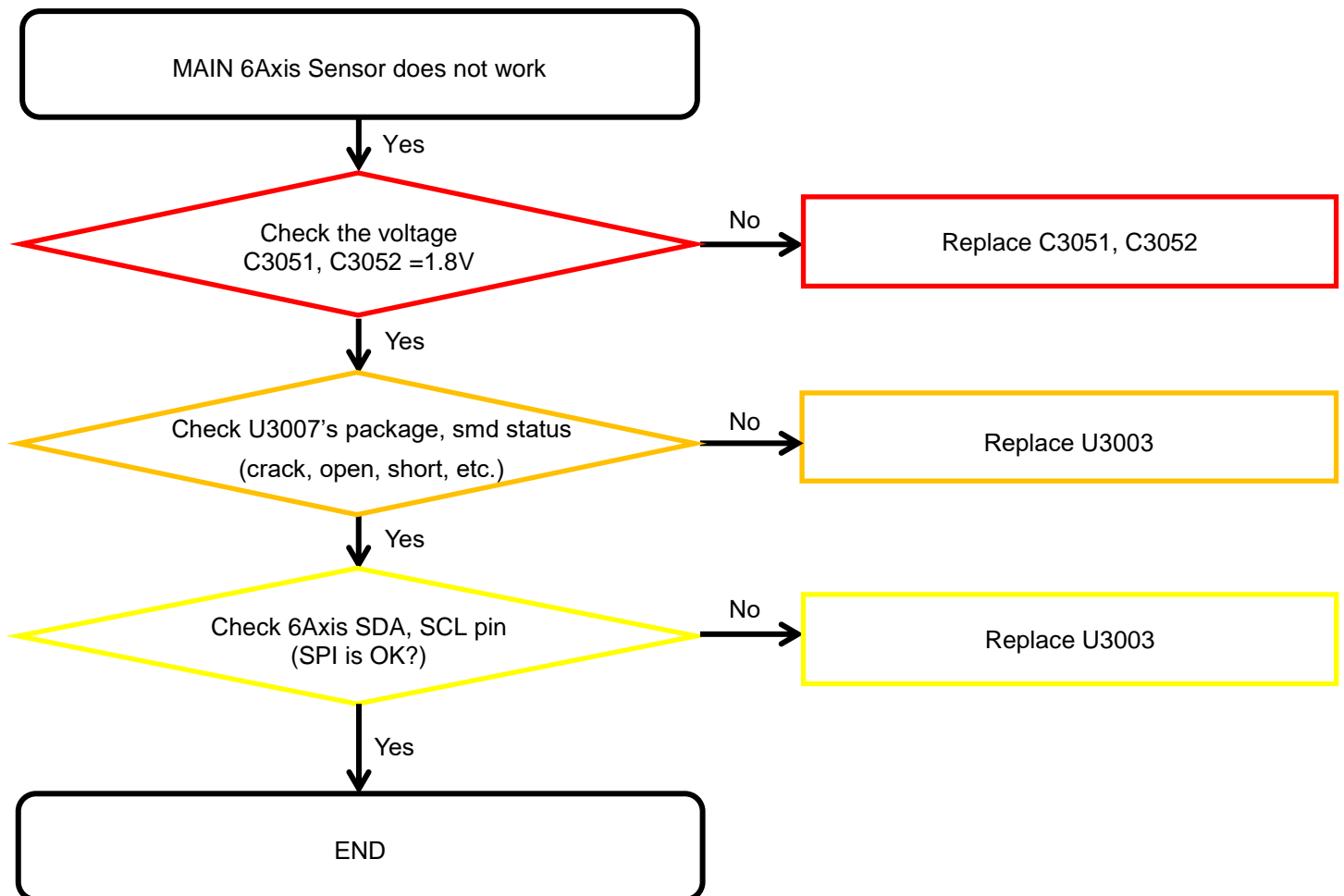
8. Level 3 Repair

8-4-6-1. Magnetic Senso



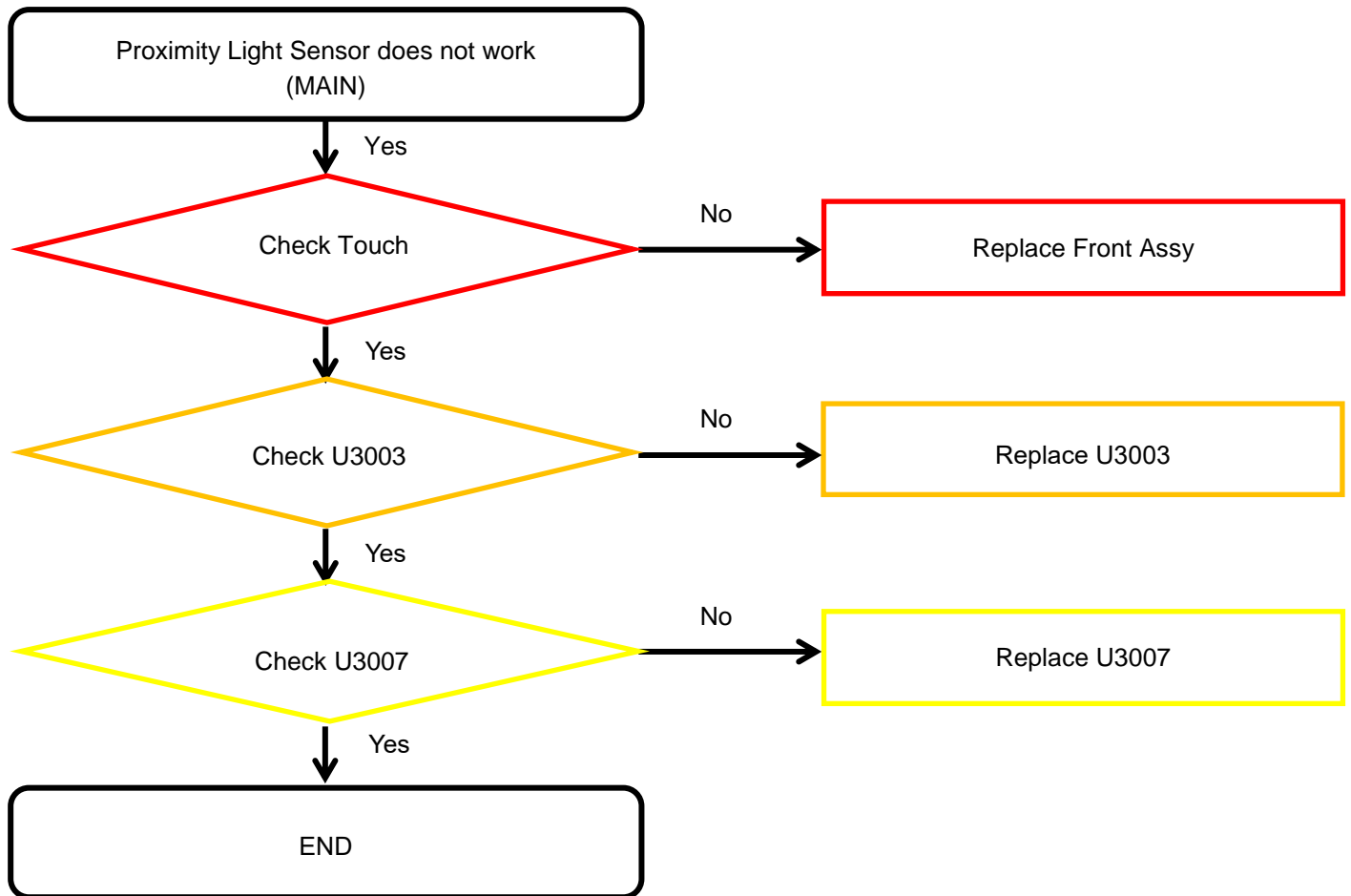
8. Level 3 Repair

8-4-6-2. 6Axis Sensor (MAIN)



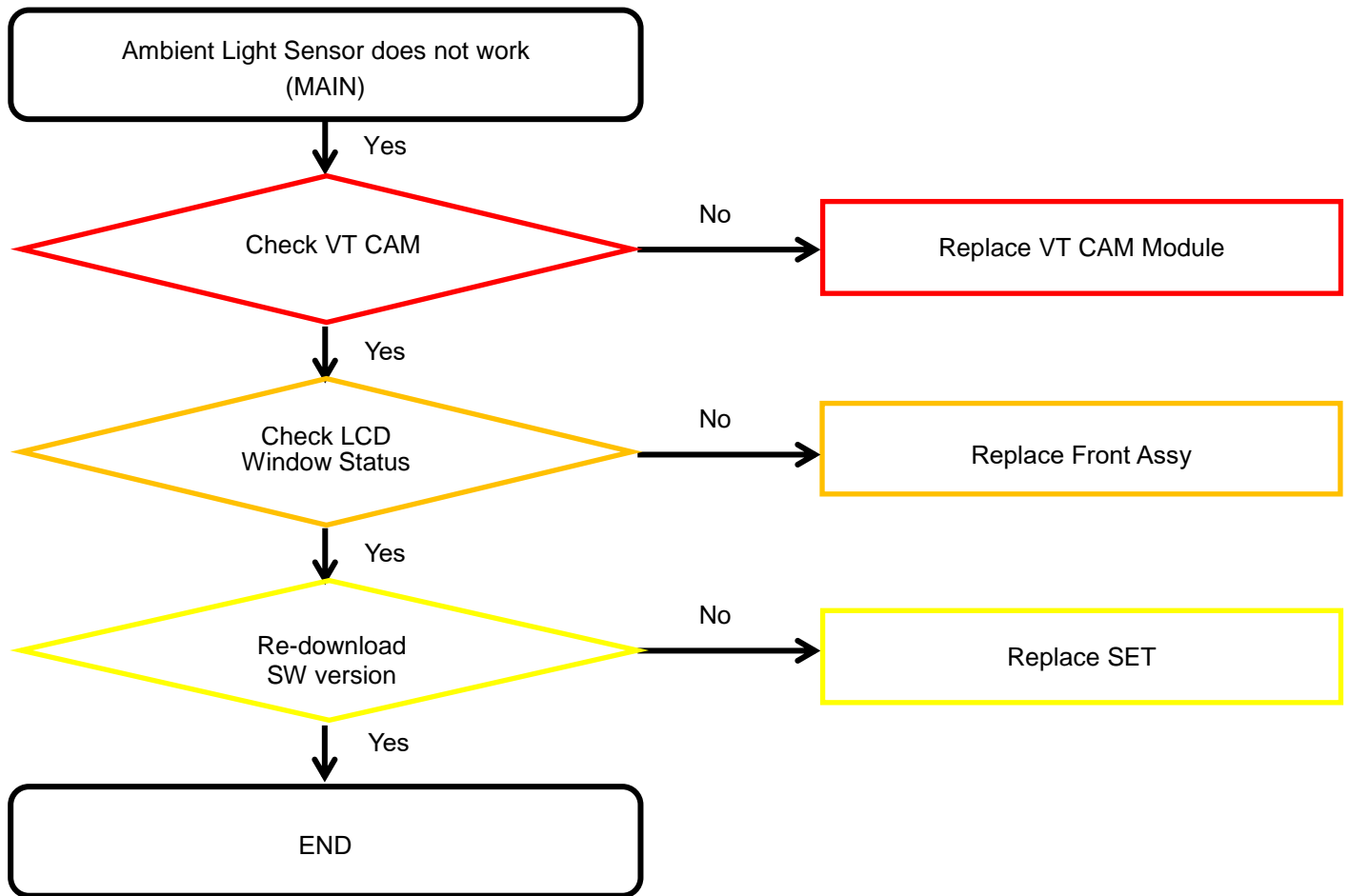
8. Level 3 Repair

8-4-6-3. Proximity Light sensor (MAIN)



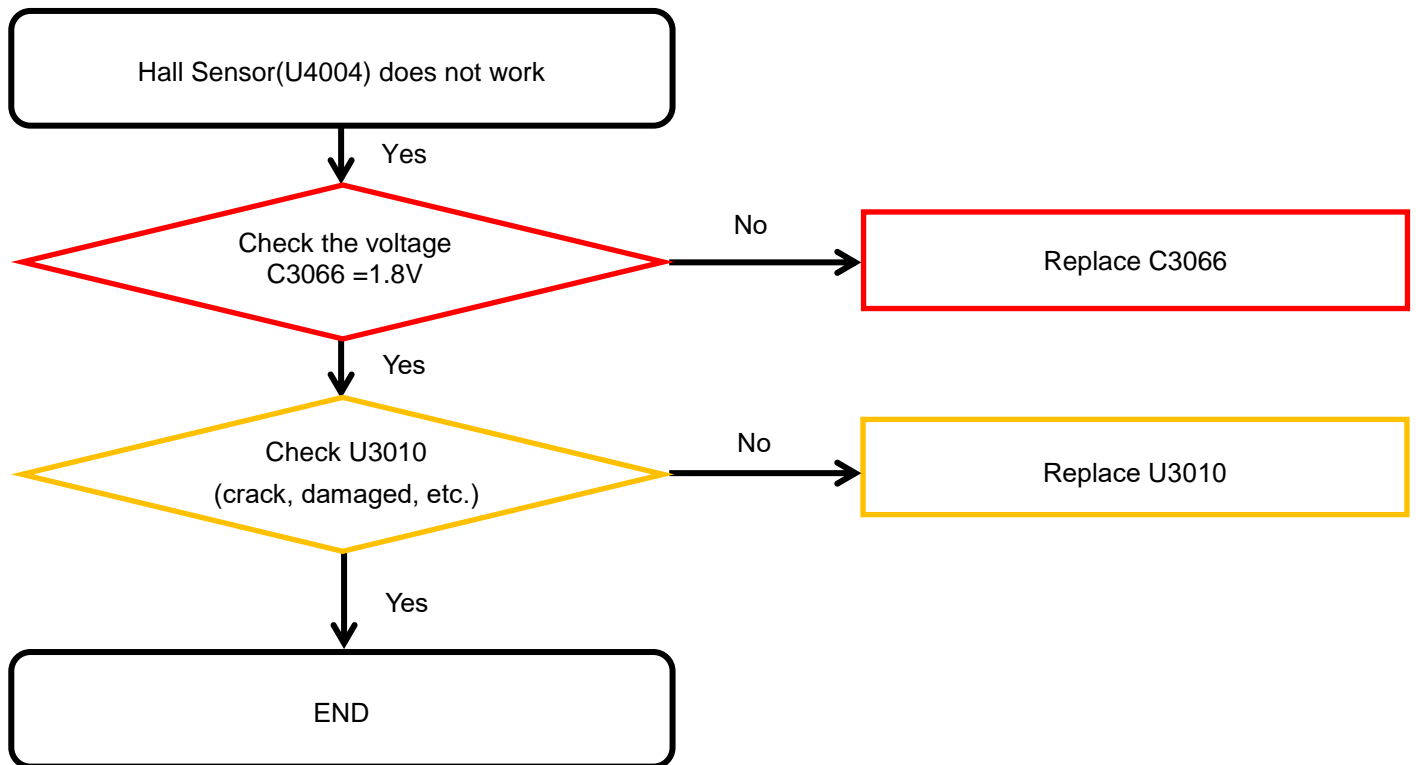
8. Level 3 Repair

8-4-6-4. Ambient Light sensor (MAIN)



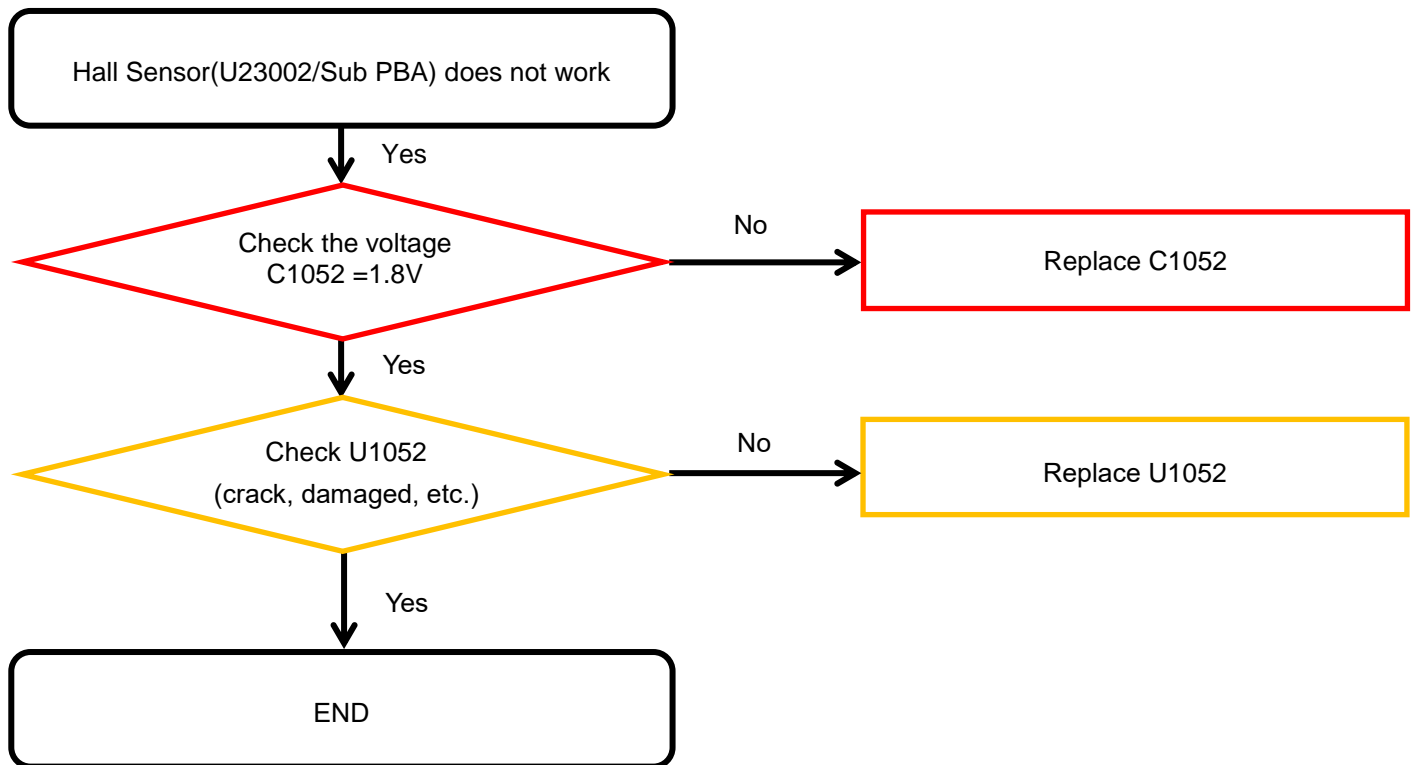
8. Level 3 Repair

8-4-6-5. Hall Sensor (Cover Detect)



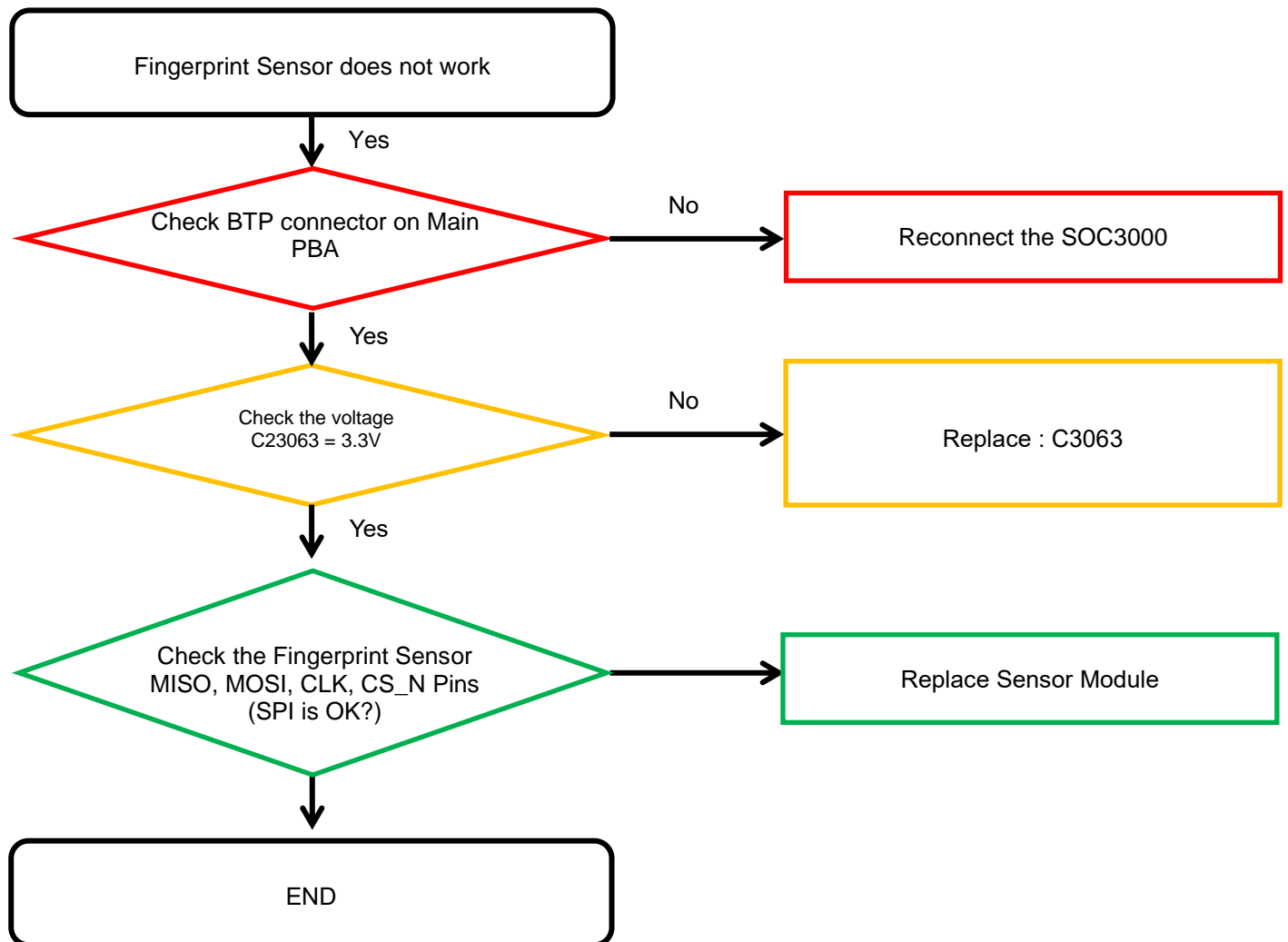
8. Level 3 Repair

8-4-6-6. Hall Sensor (Flip Detect)



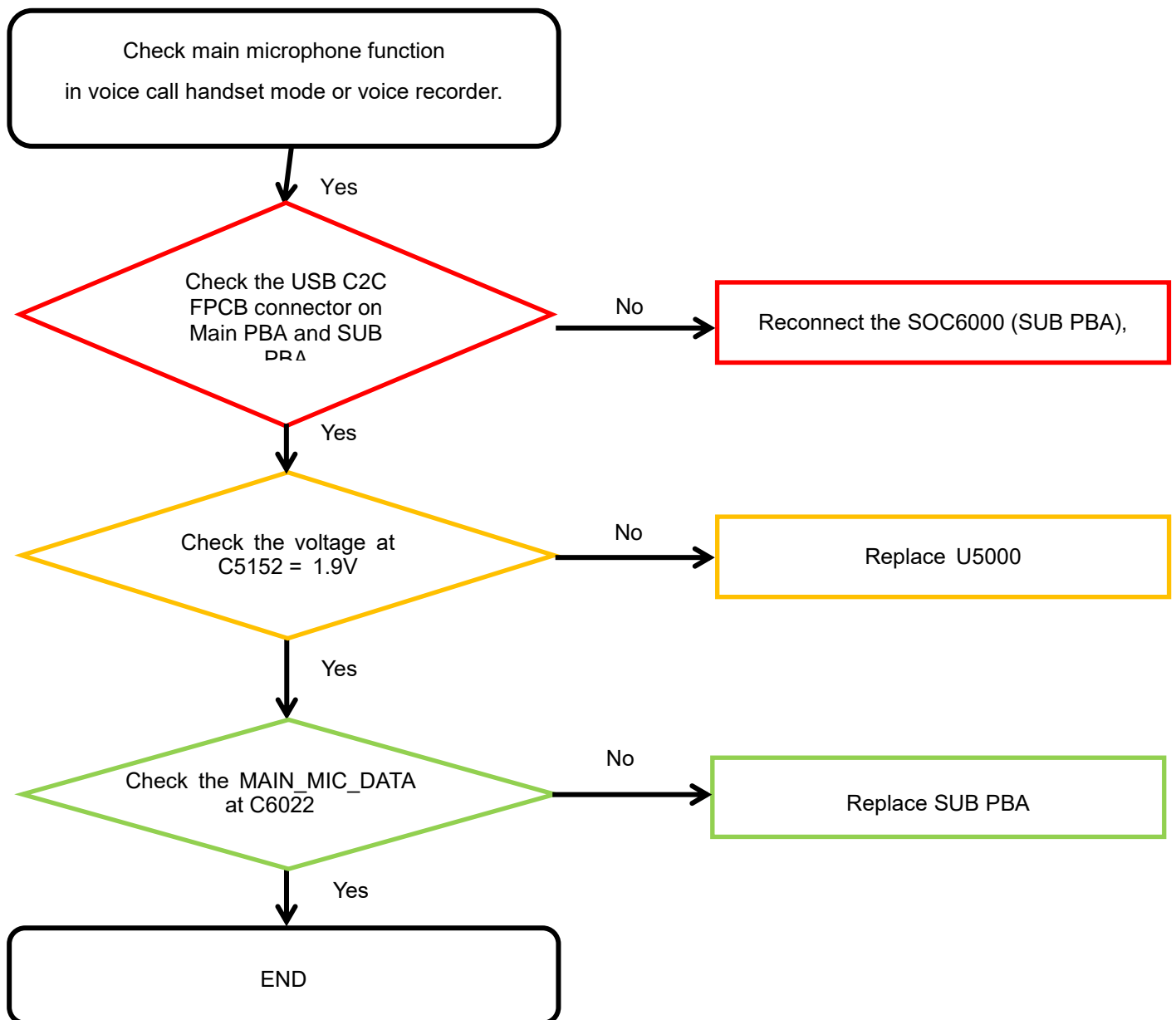
8. Level 3 Repair

8-4-6-7. Fingerprint Sensor



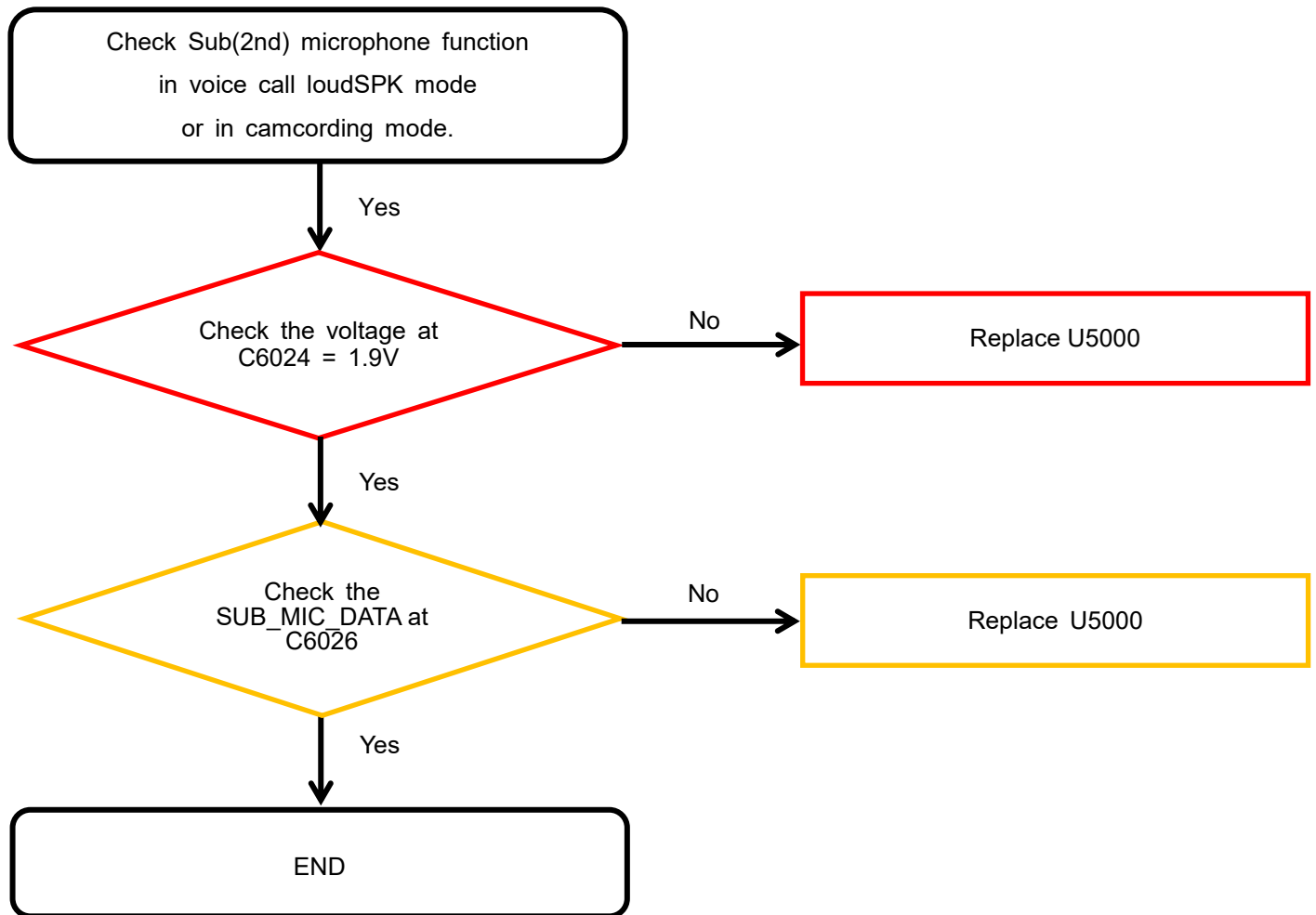
8. Level 3 Repair

8-4-7-1. Microphone Part – MAIN MIC



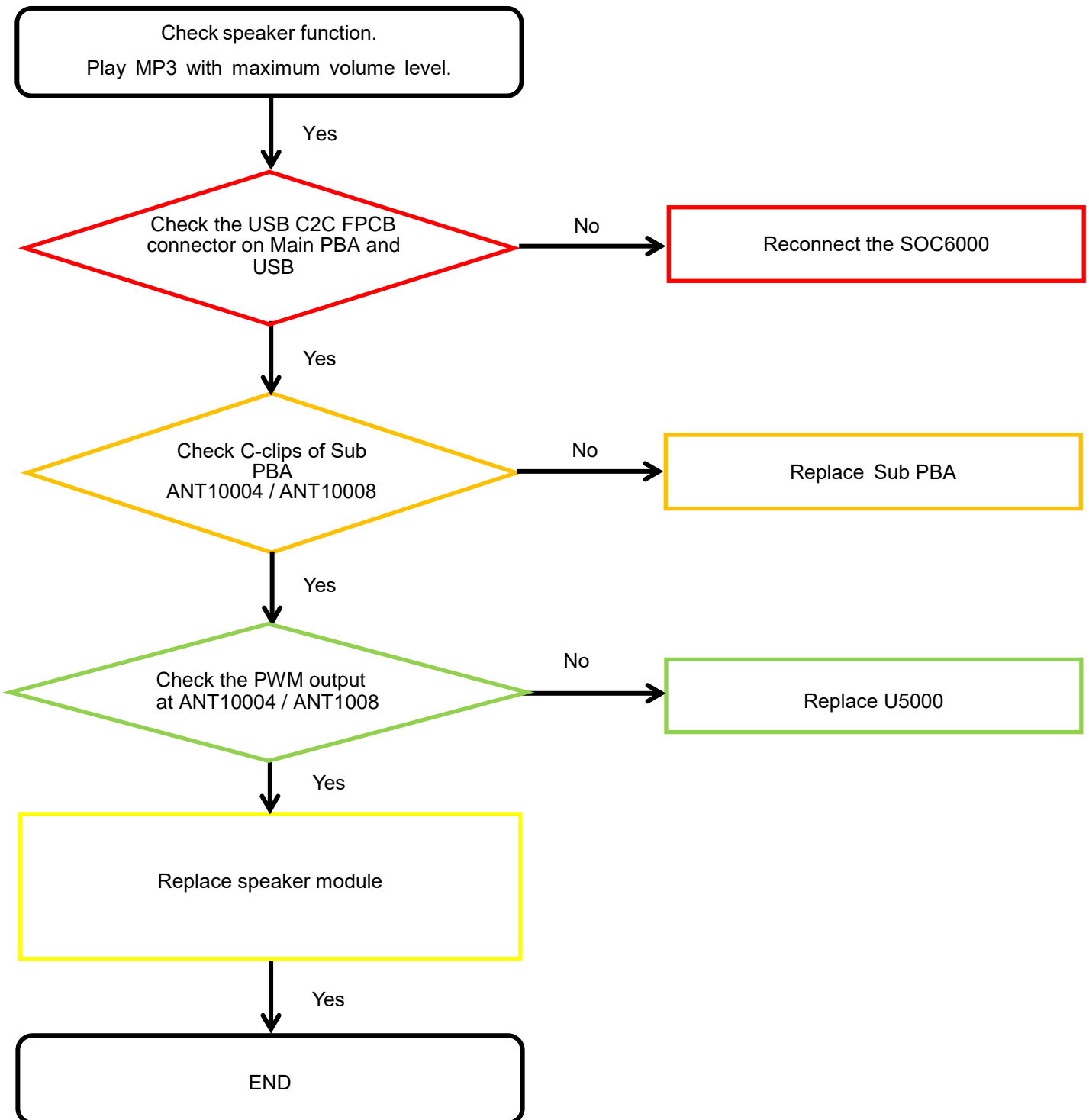
8. Level 3 Repair

8-4-7-2. Microphone Part – 2nd MIC



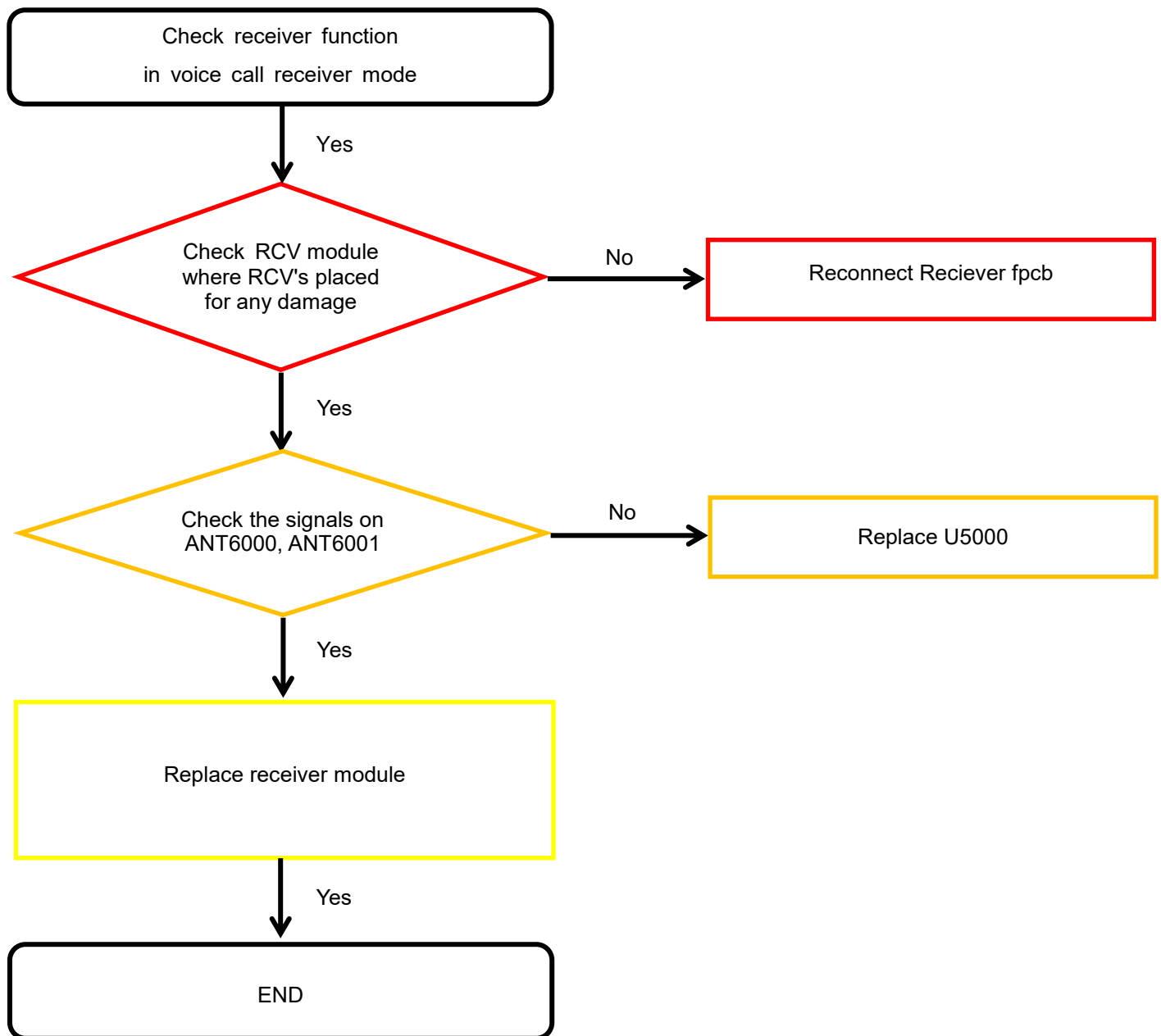
8. Level 3 Repair

8-4-8. Speaker Part



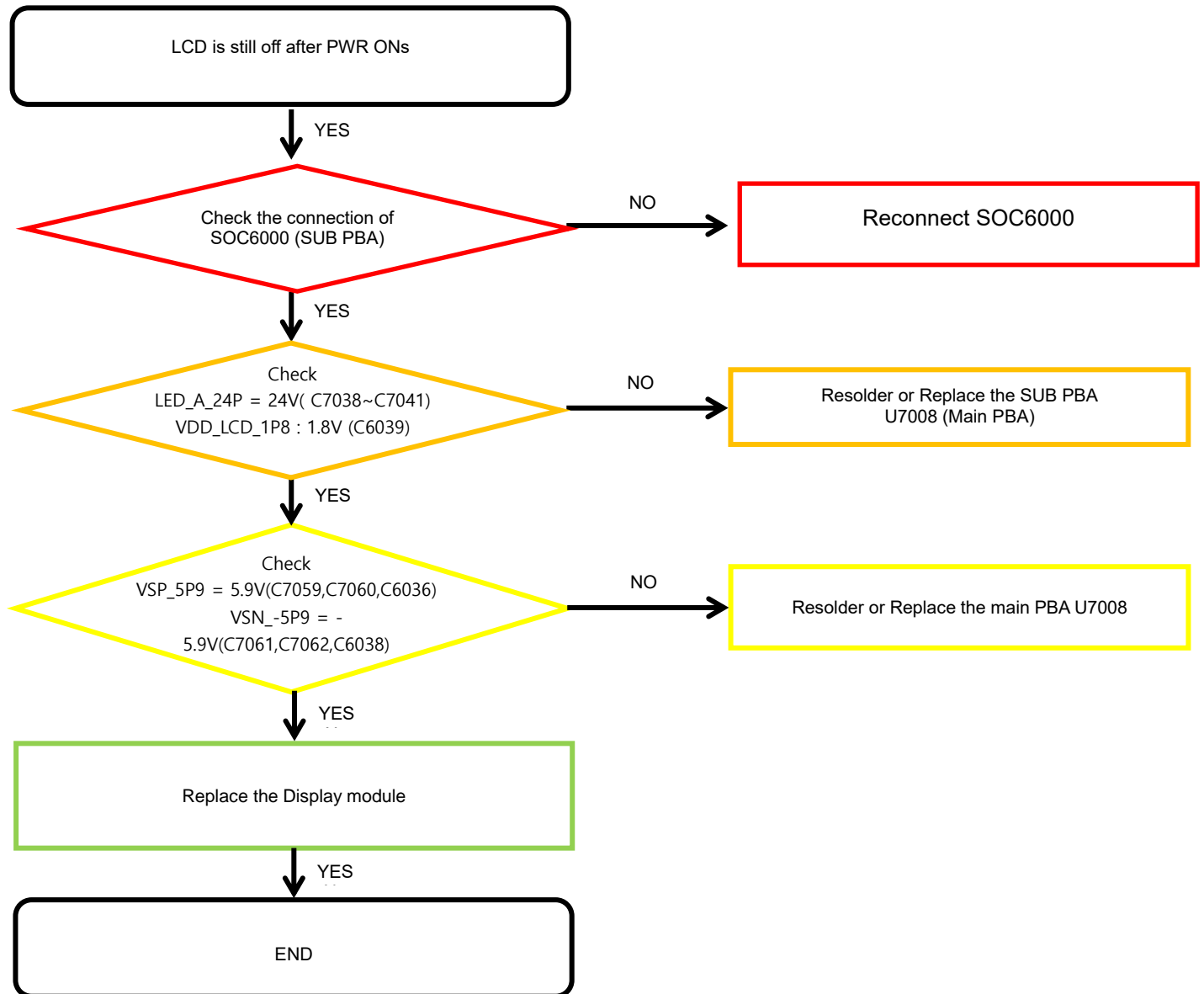
8. Level 3 Repair

8-4-9. Receiver Part



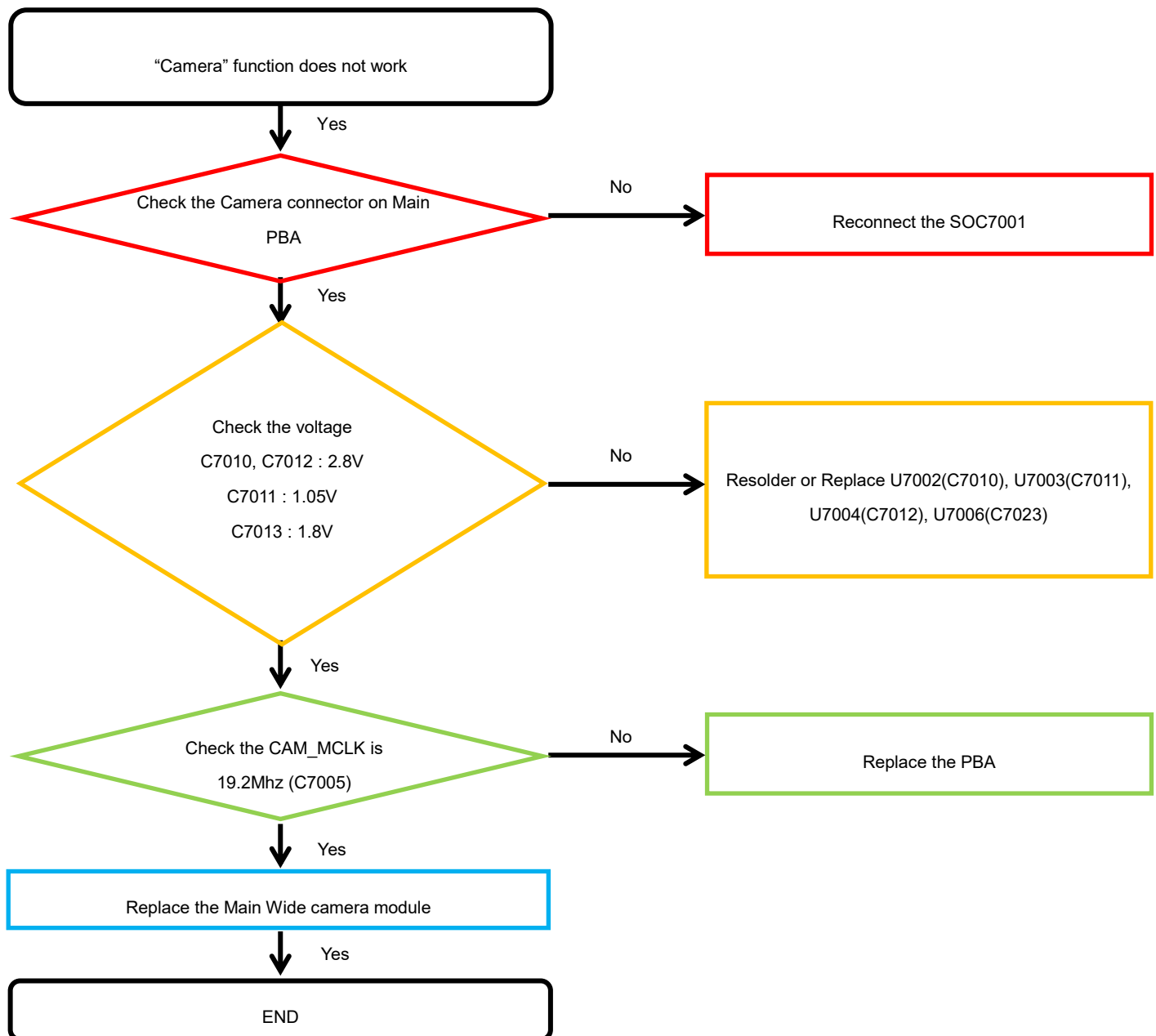
8. Level 3 Repair

8-4-10. Main Display



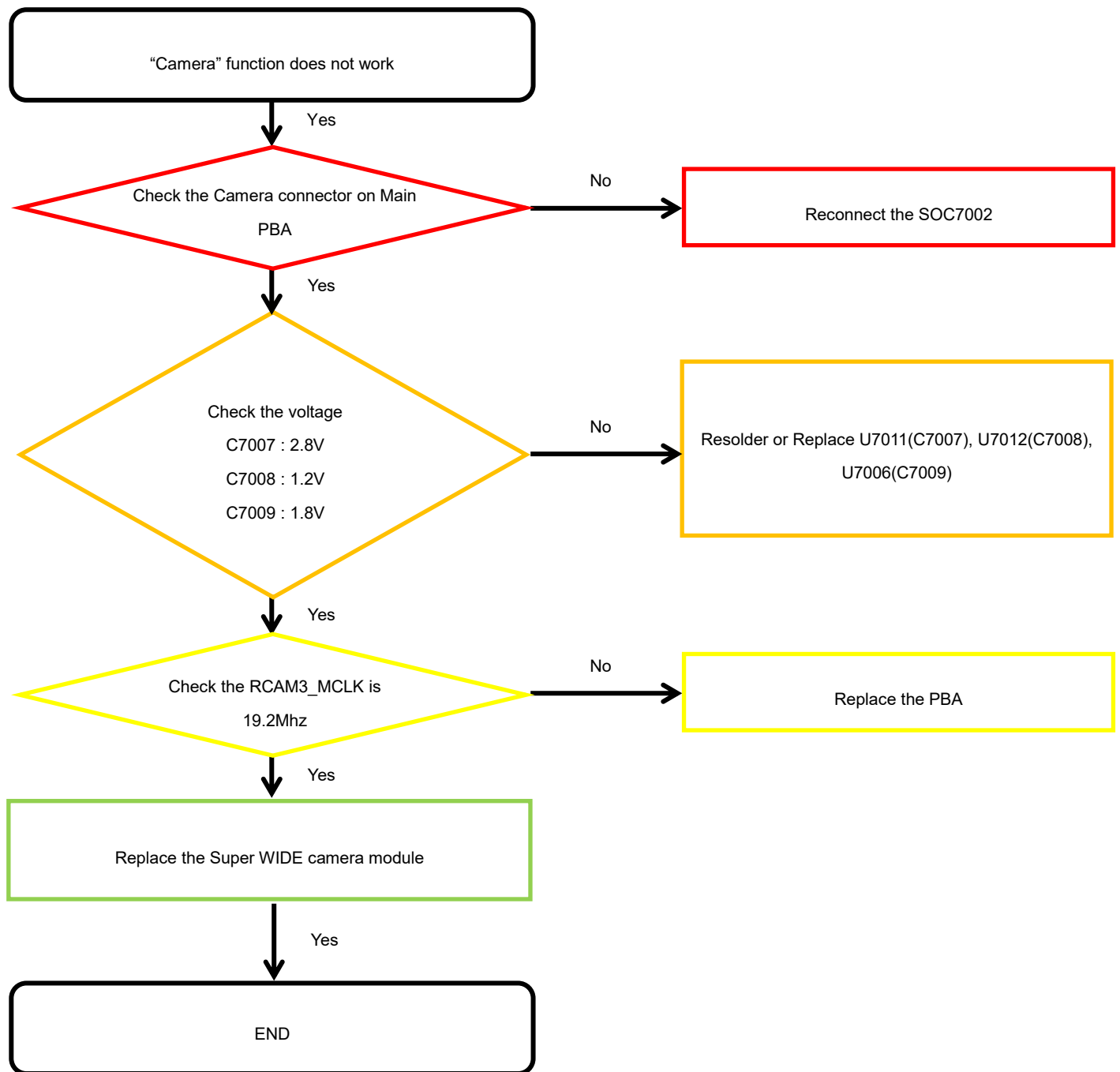
8. Level 3 Repair

8-4-11. 48M Rear Wide CAMERA



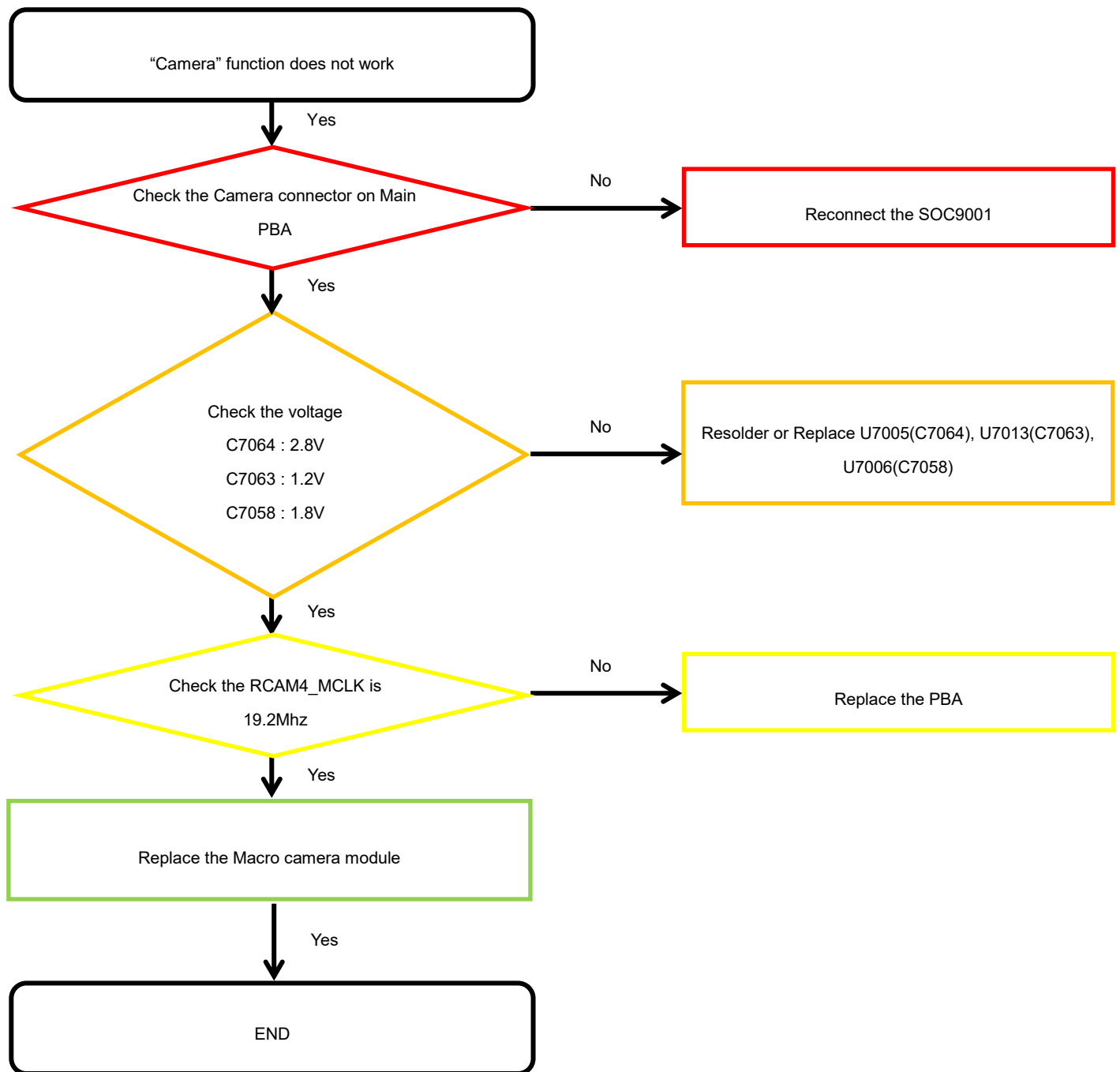
8. Level 3 Repair

8-4-12. 8M Rear Super Wide CAMERA



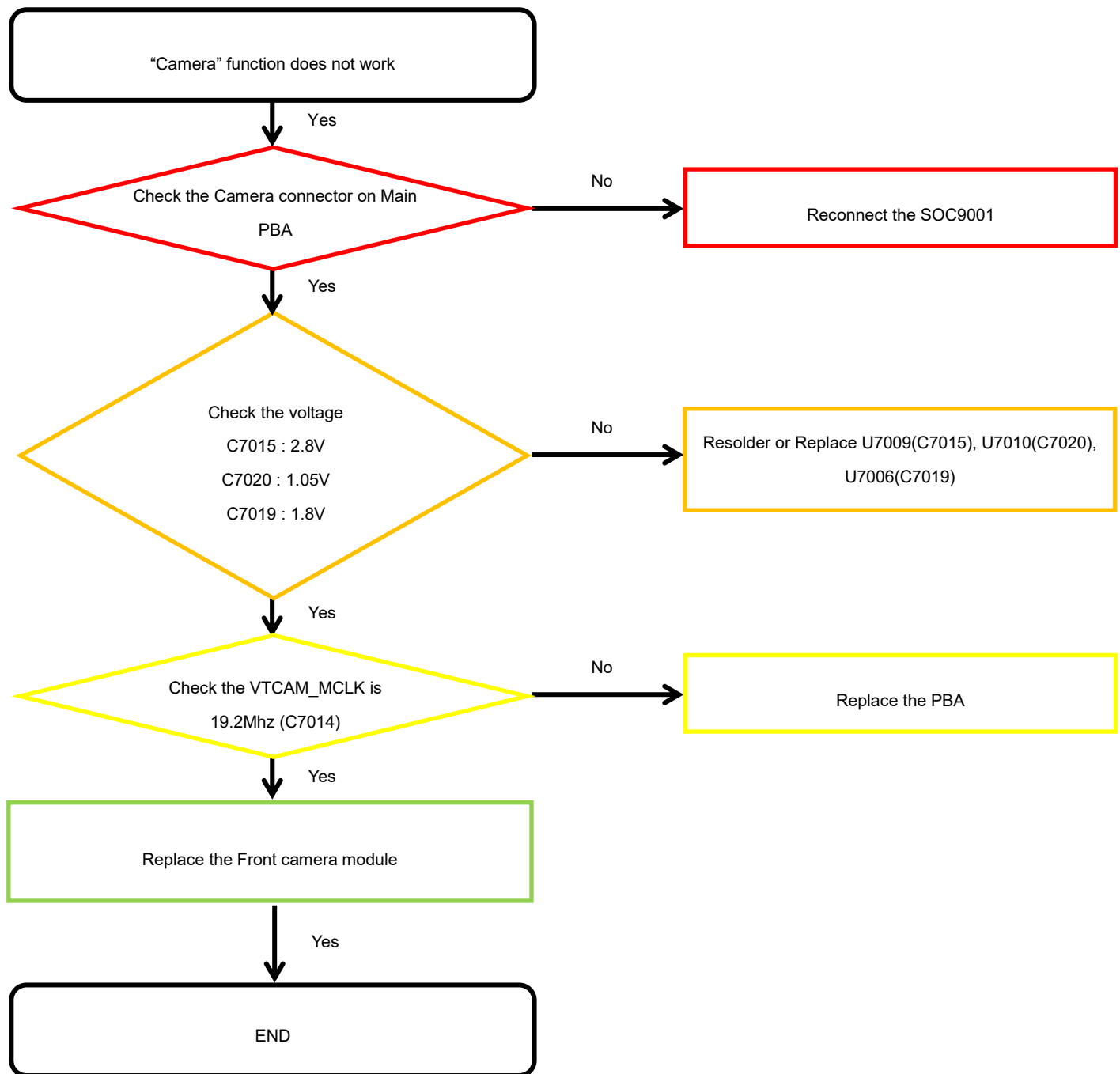
8. Level 3 Repair

8-4-13. 5M Macro CAMERA



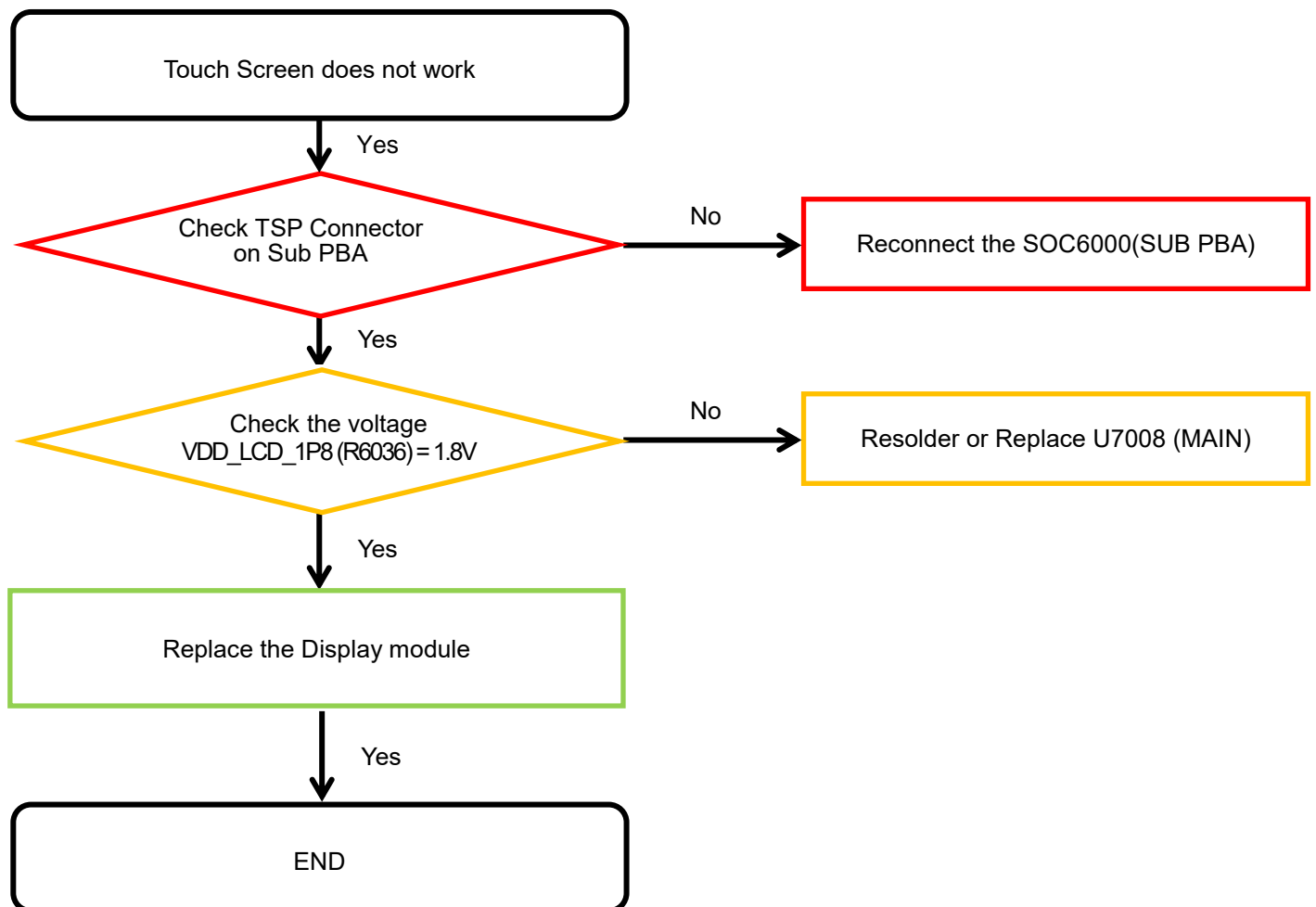
8. Level 3 Repair

8-4-14. 13M Front CAMERA



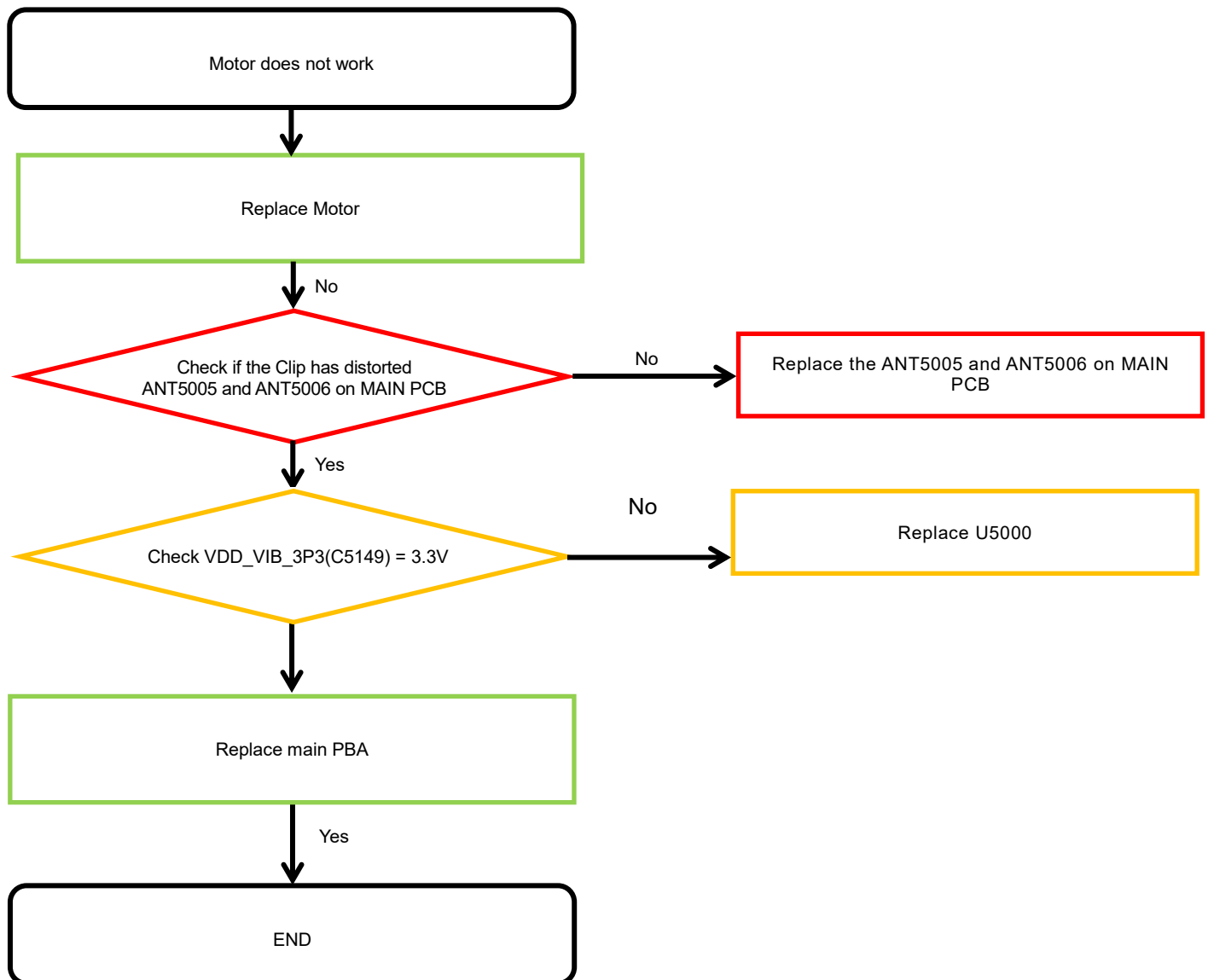
8. Level 3 Repair

8-4-15. LCD(Touch) MAIN



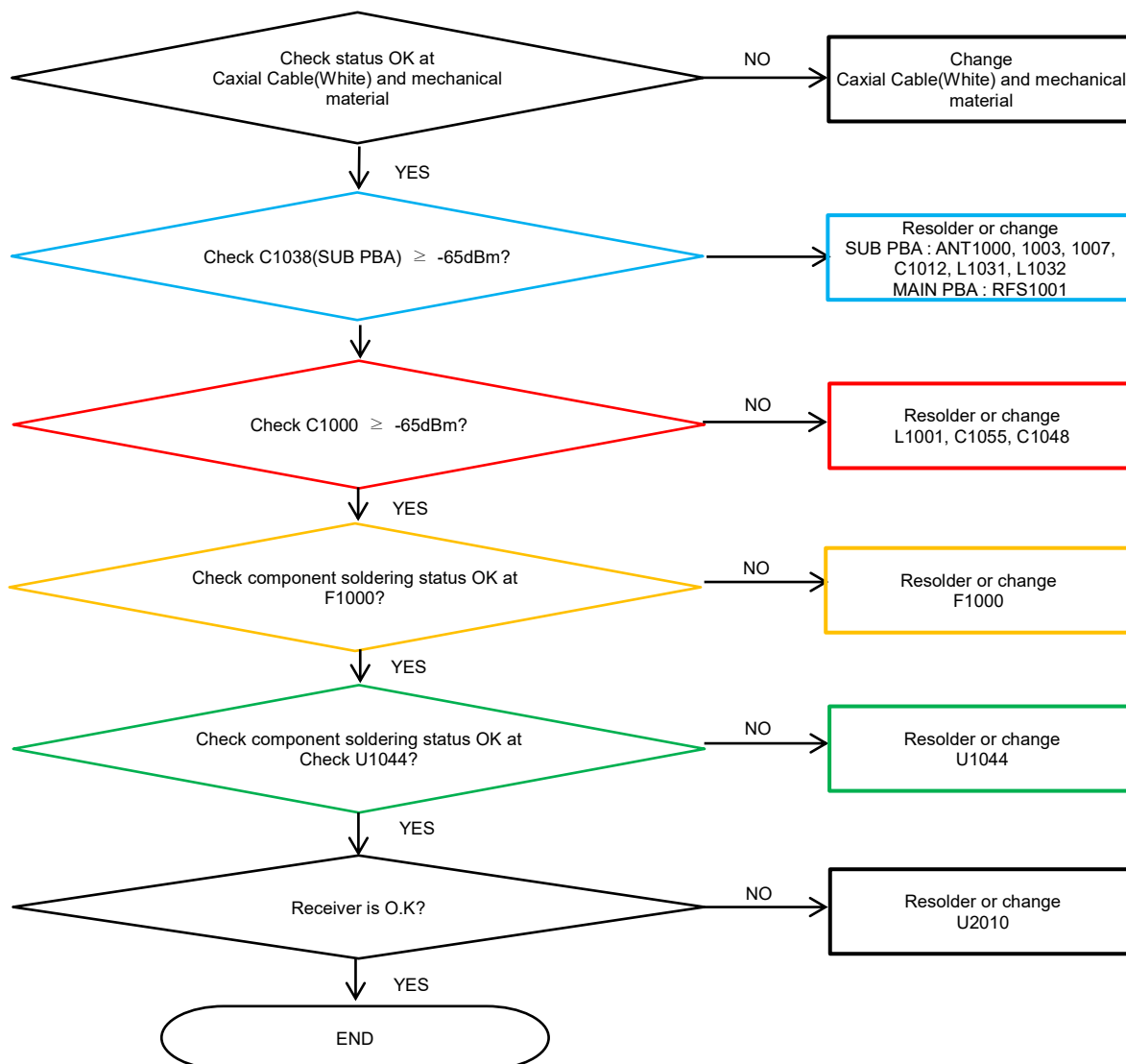
8. Level 3 Repair

8-4-16. Motor



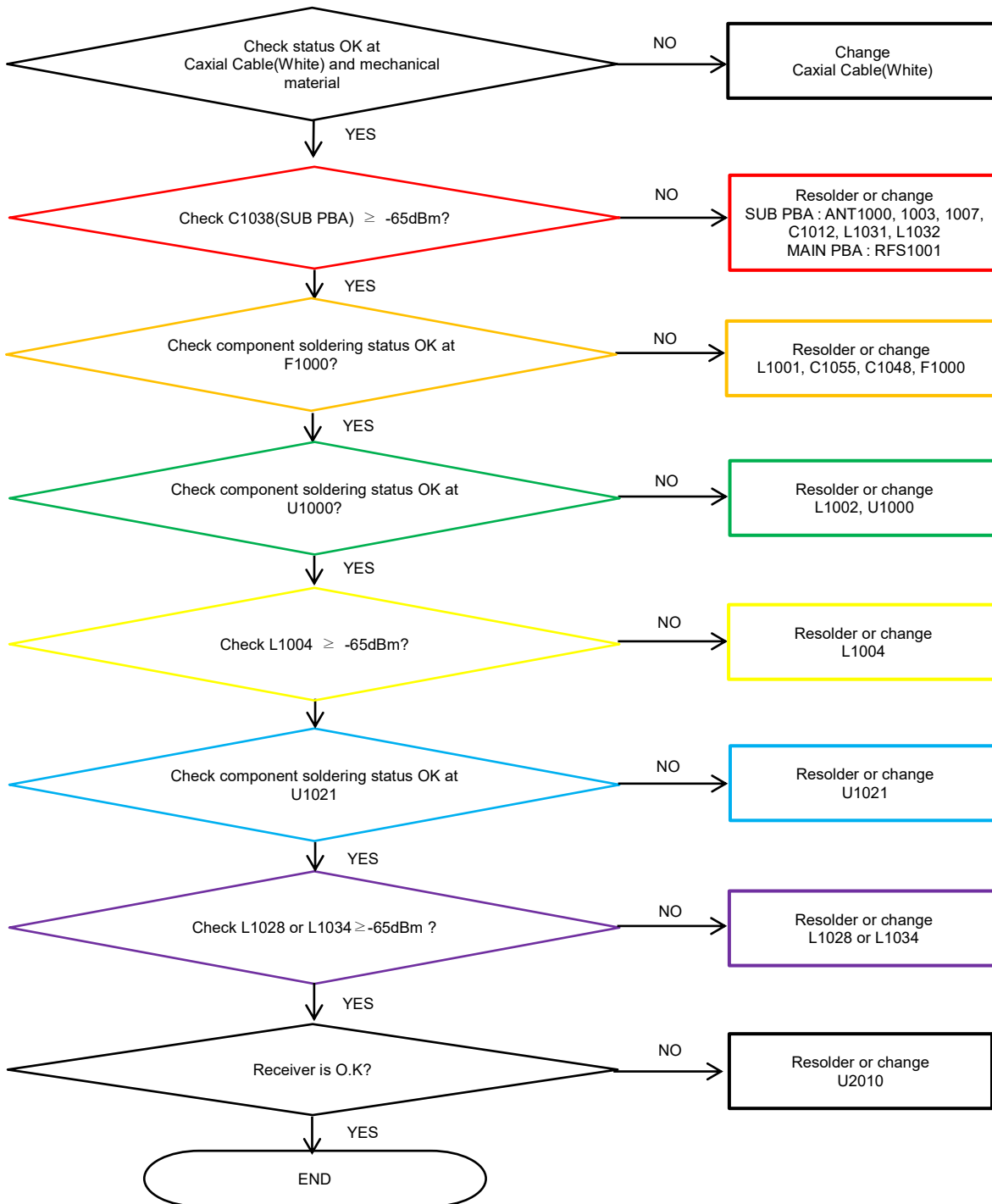
8. Level 3 Repair

8-4-17. GSM 850/900, WCDMA B5/8, LTE B5/8/12/17/20/26/28, NR_SUB6 N5/8/28 PRx



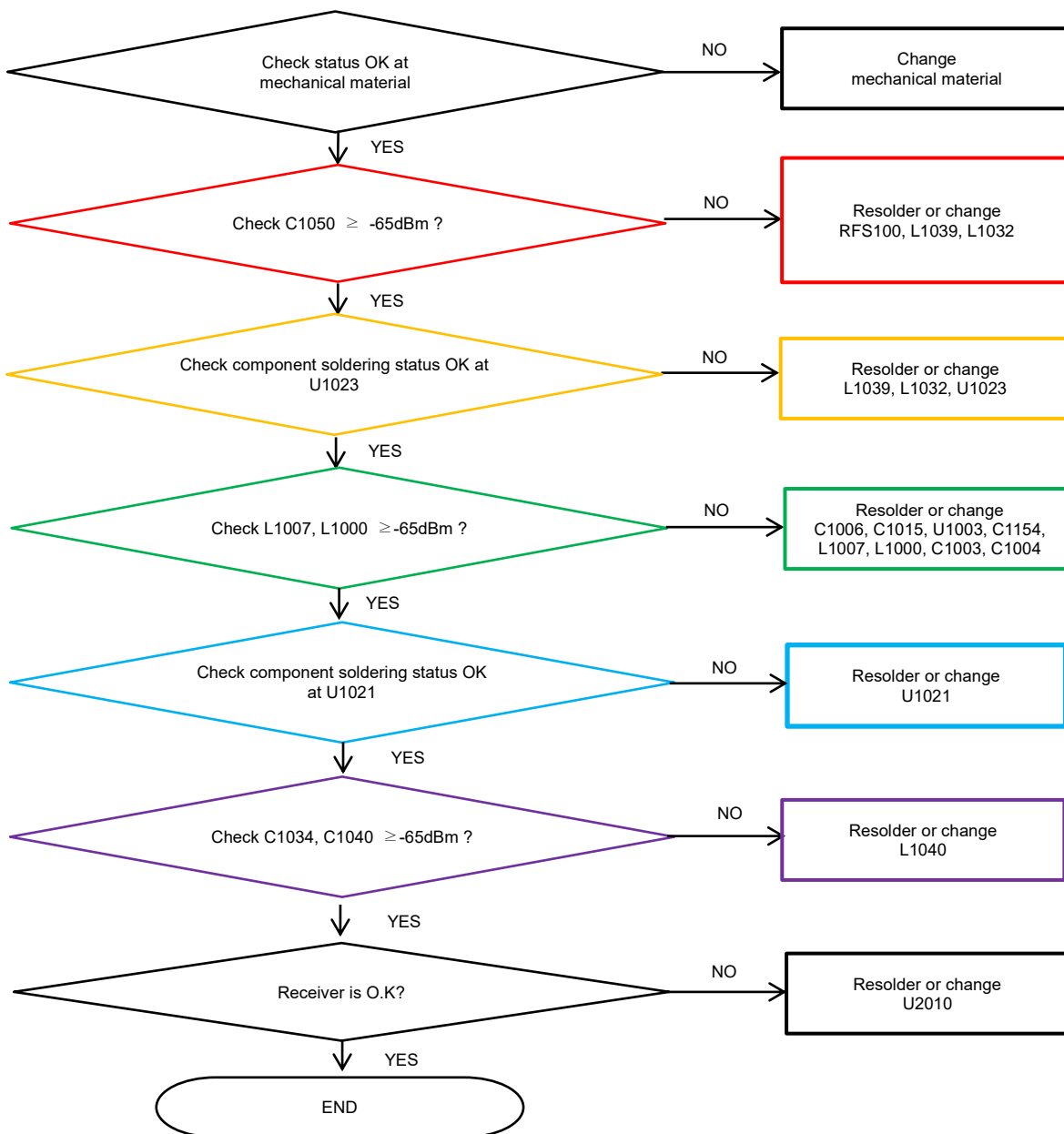
8. Level 3 Repair

8-4-18. GSM1800, 1900, WCDMA B1/2/4, LTE B1/2/3/4/66, NR SUB6 N1/3 PRx



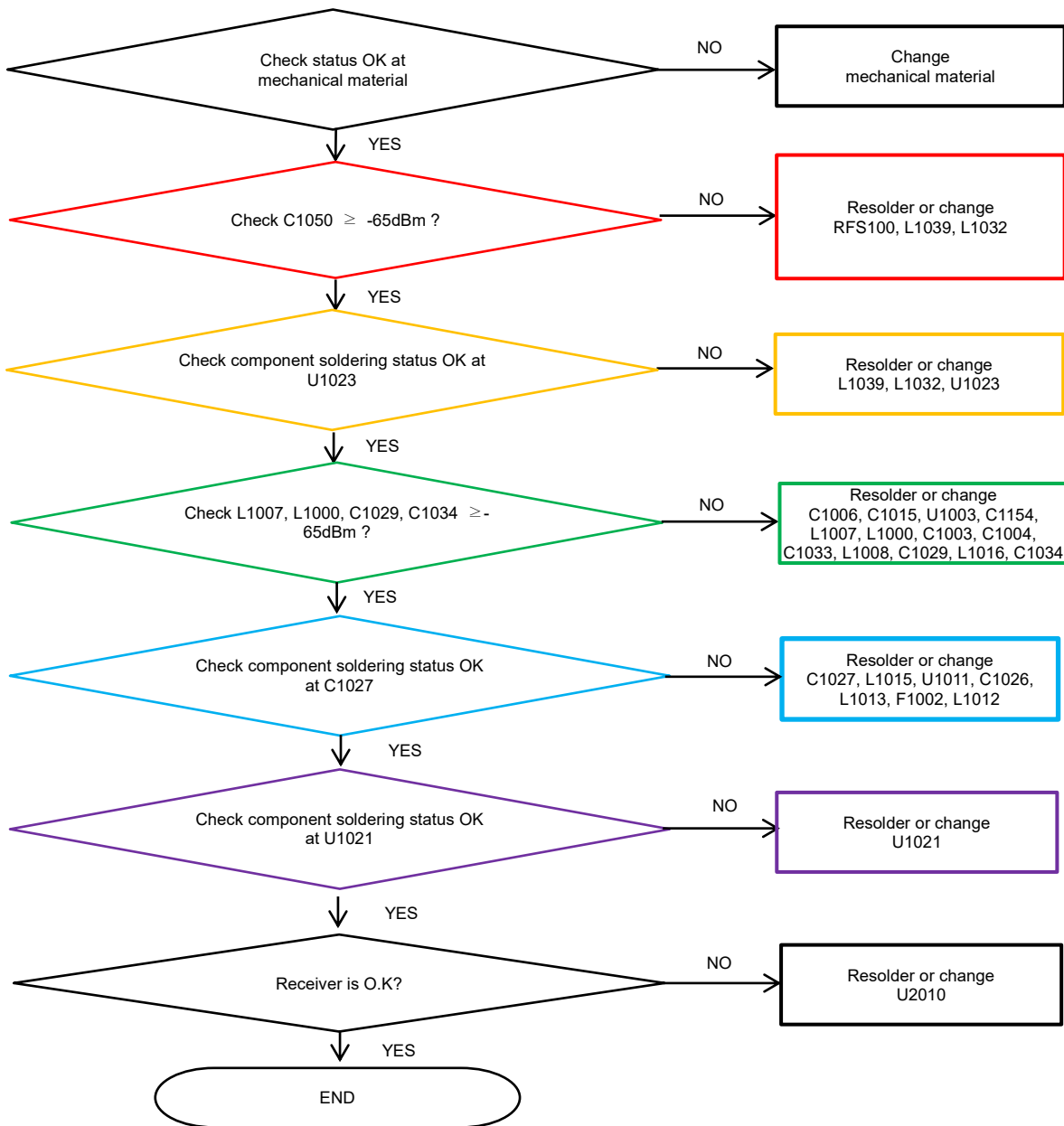
8. Level 3 Repair

8-4-19. LTE B7/38/41, NR_SUB6 N7/38/41 PRx



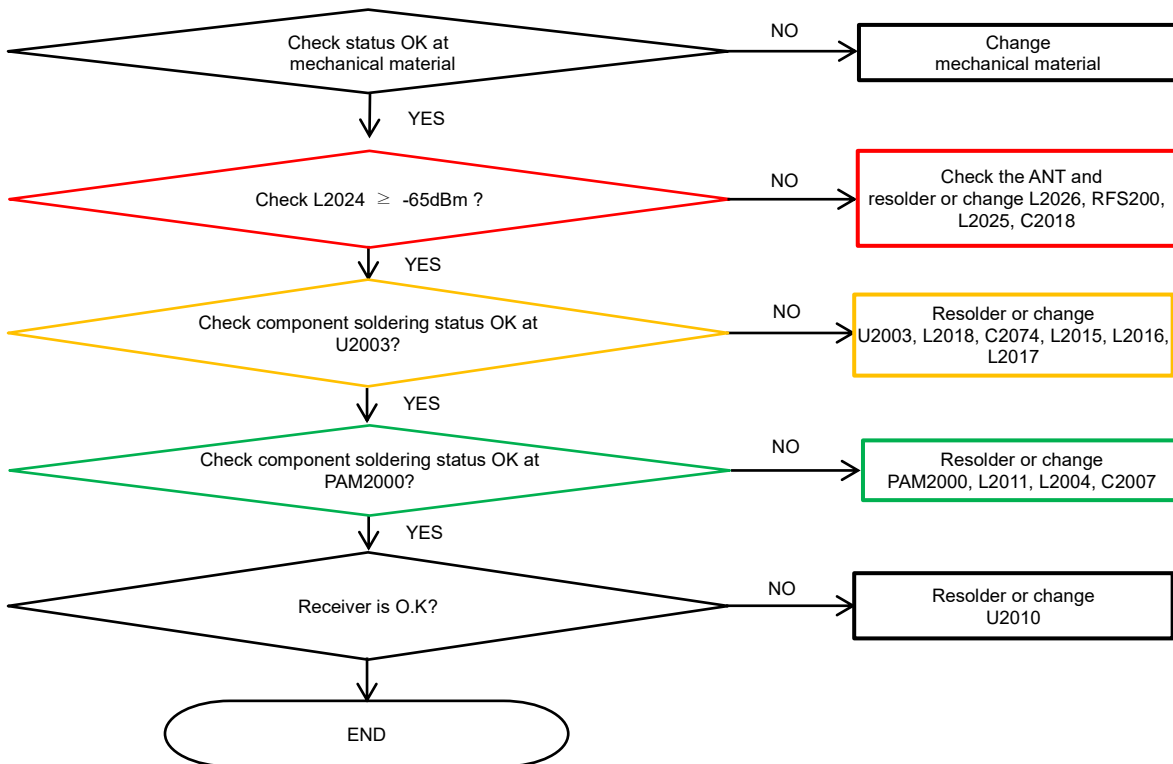
8. Level 3 Repair

8-4-20. LTE B40, NR_SUB6 N40 PRx



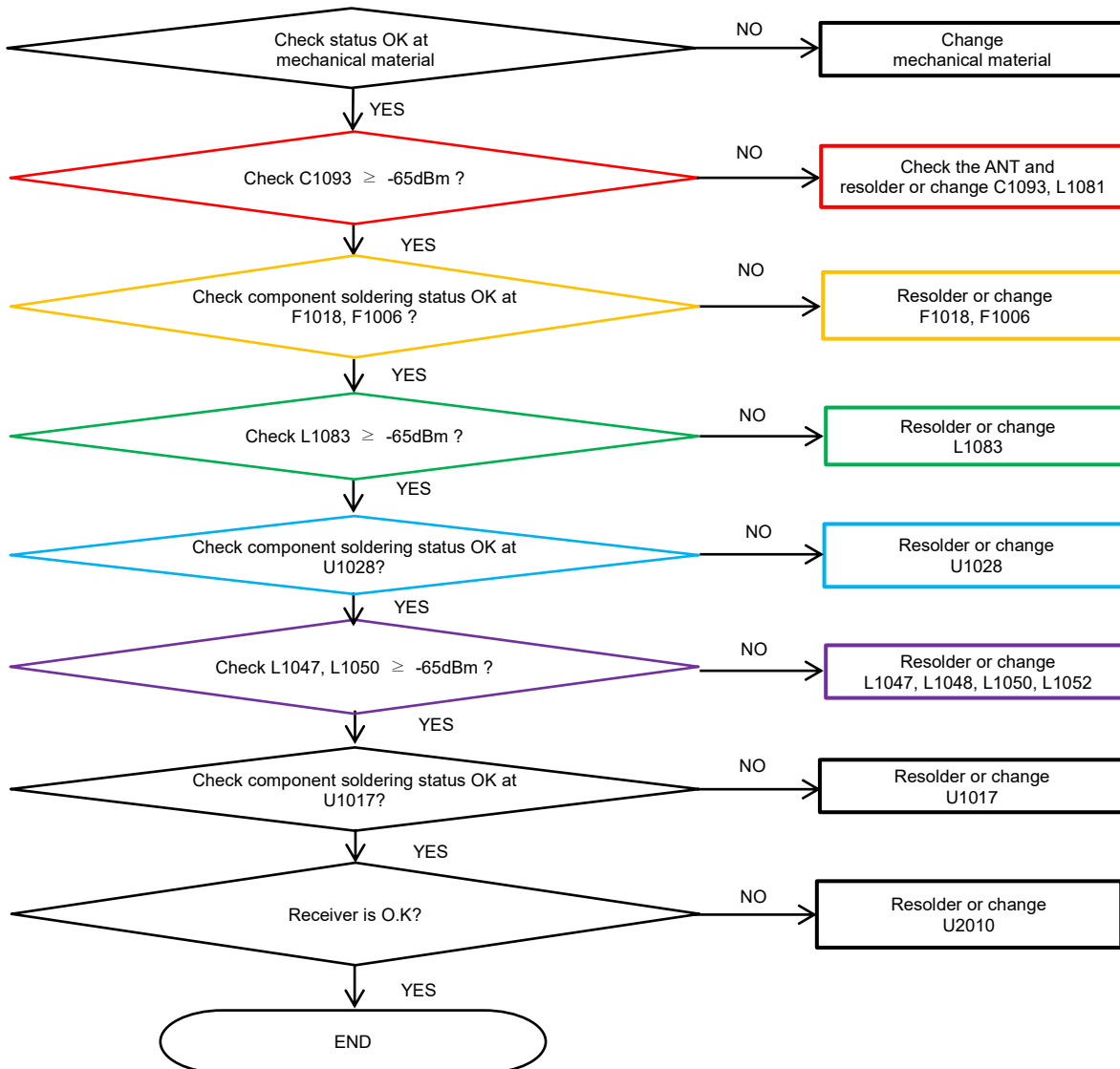
8. Level 3 Repair

8-4-21. NR_SUB6 N78 TX/PRx [SM-A326B/BR]



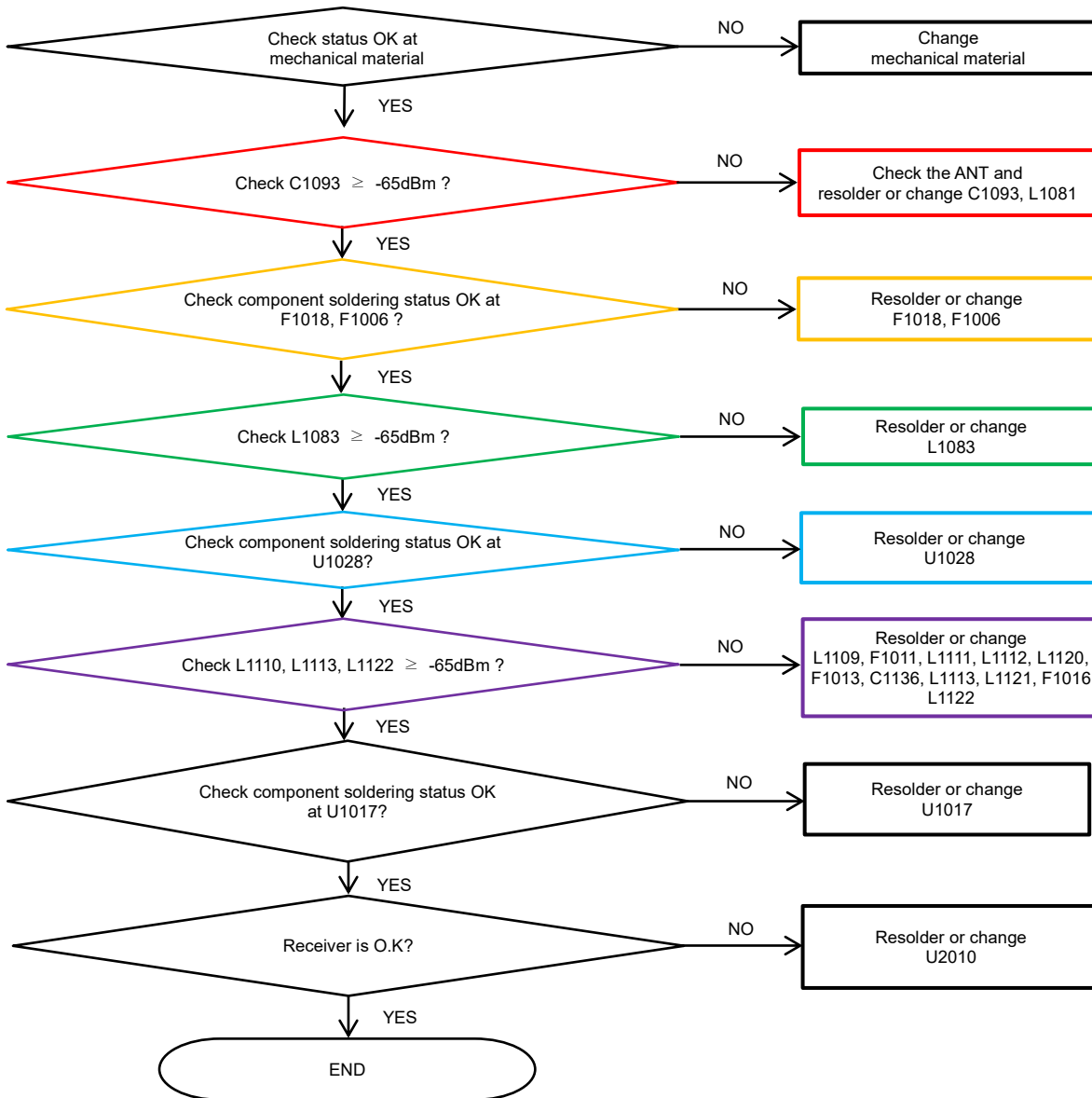
8. Level 3 Repair

8-4-22. GSM 850/900, WCDMA B5/8, LTE 5/8/26, NR_SUB6 N5/8 DRx



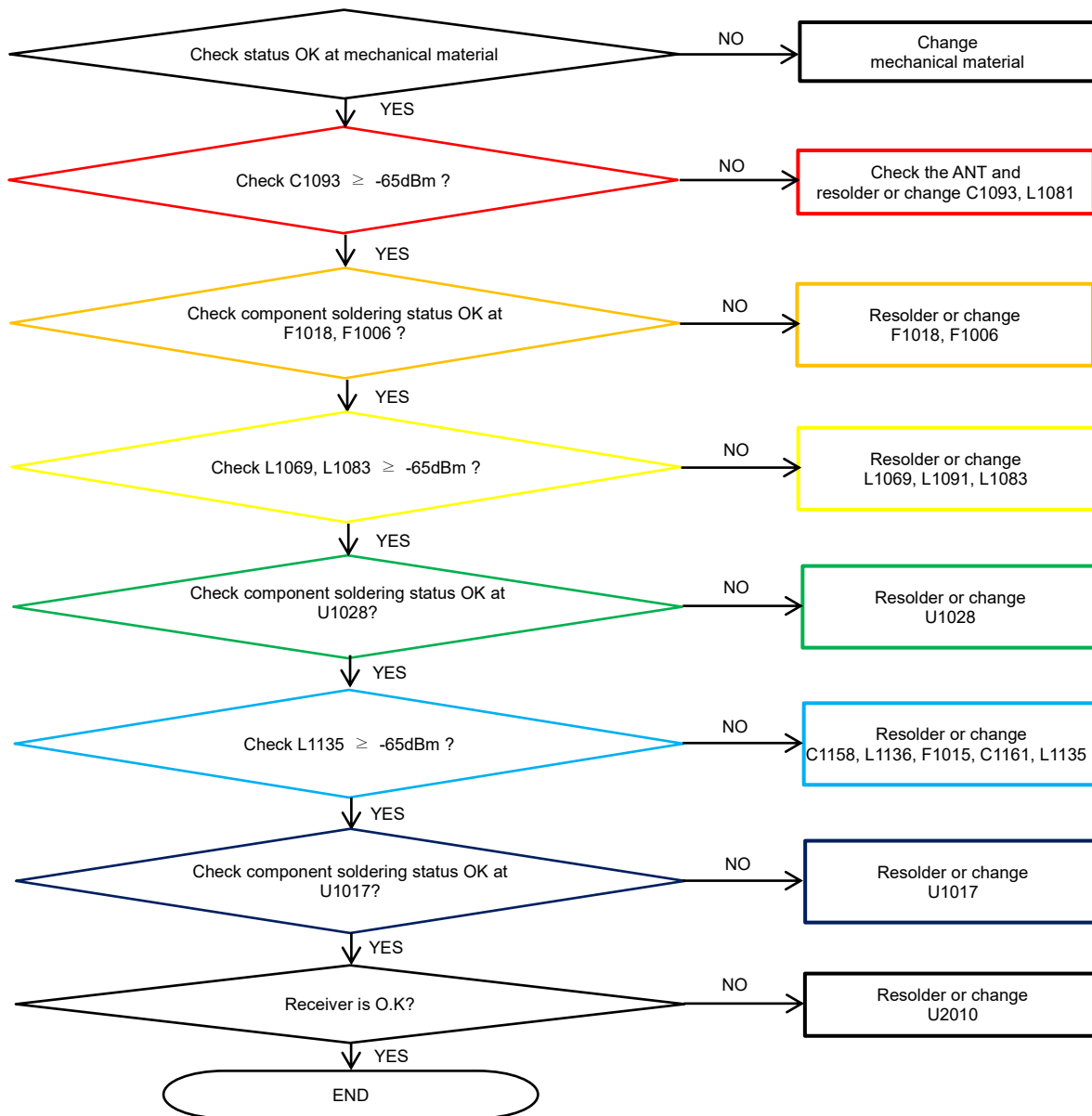
8. Level 3 Repair

8-4-23. LTE B12/17/20/28 NR_SUB6 N20/28 DRx



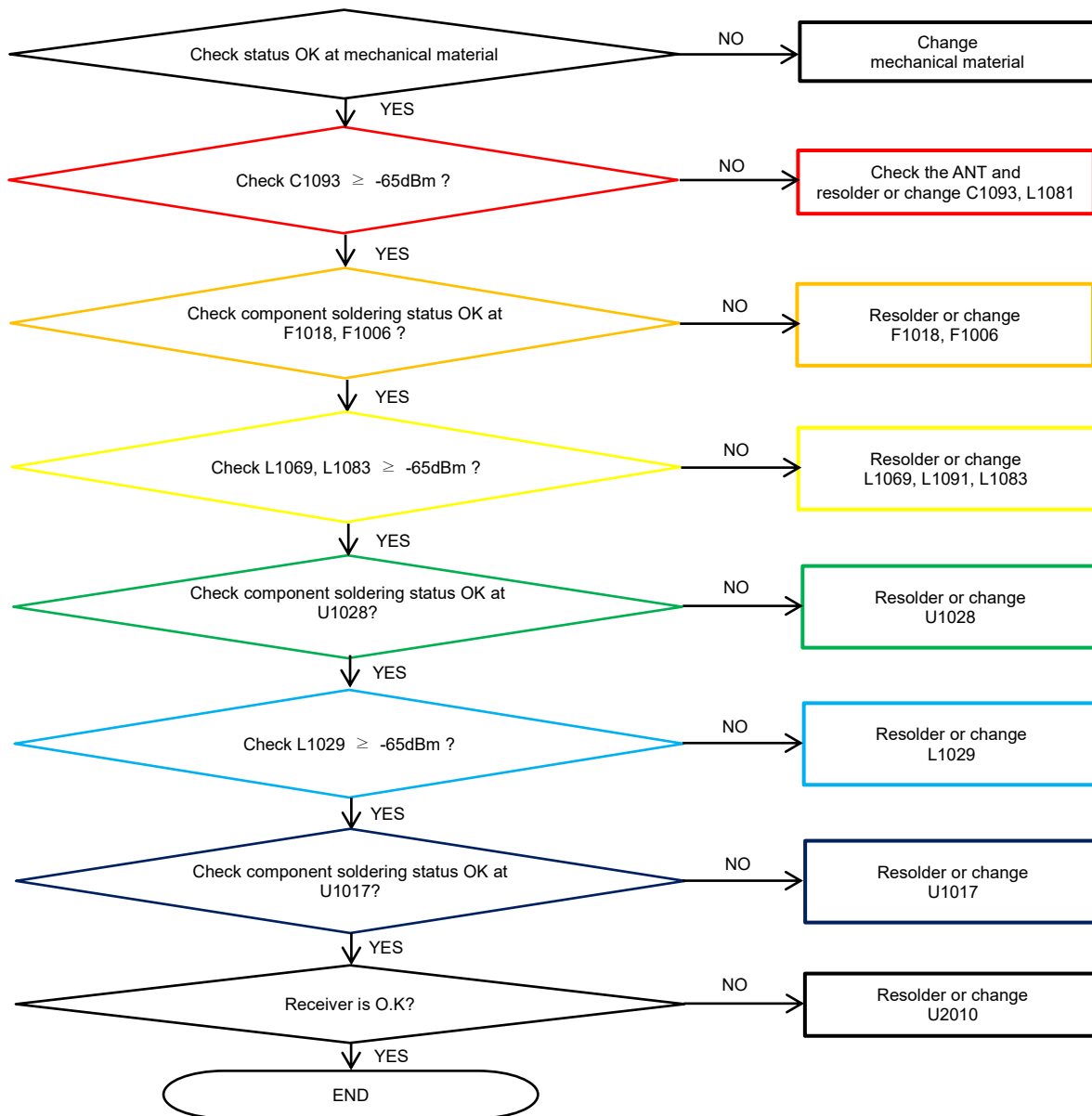
8. Level 3 Repair

8-4-24. GSM1900, WCDMA B2, LTE B2 DRx



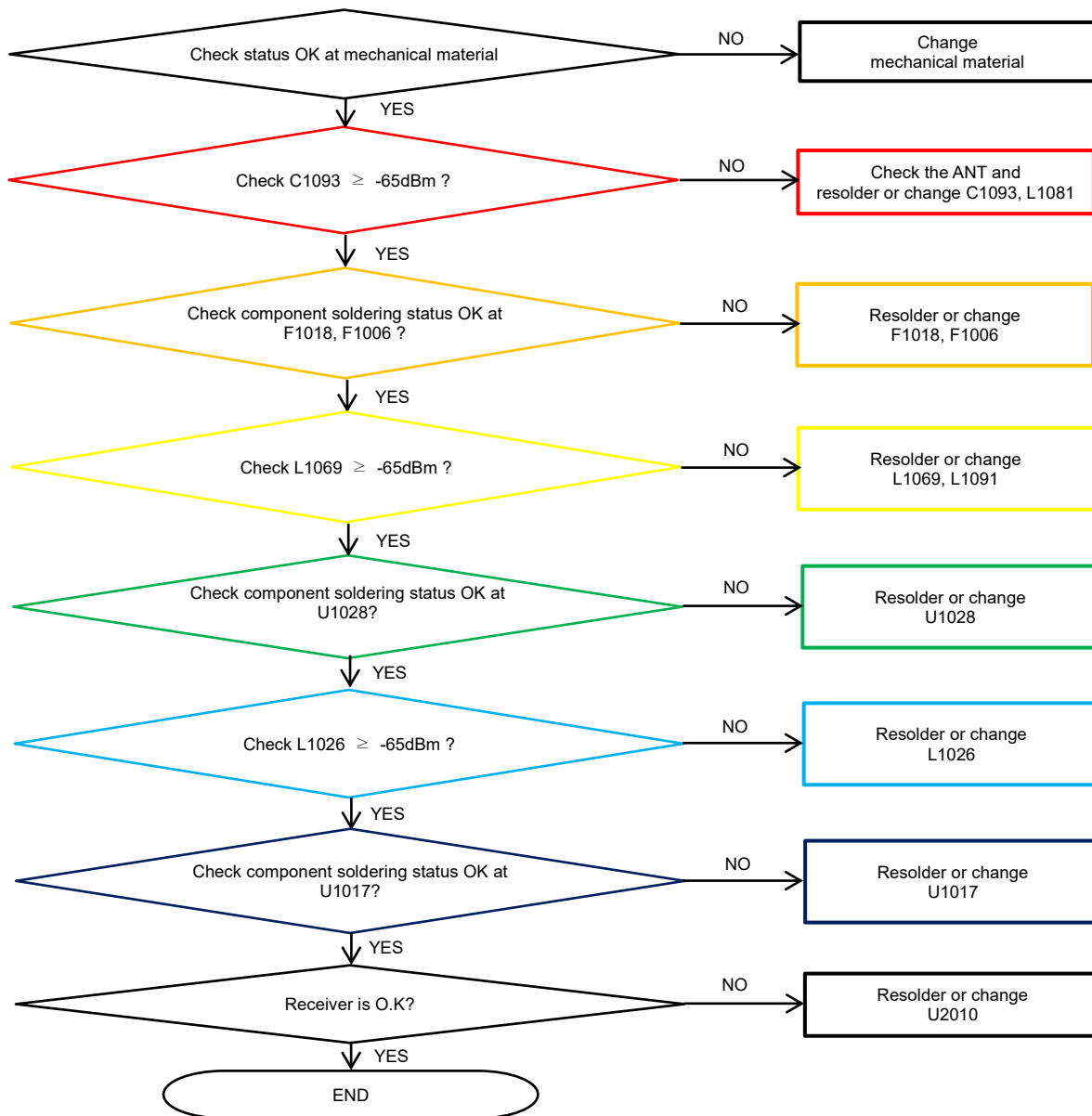
8. Level 3 Repair

8-4-25. GSM1800, WCDMA B3, LTE B3, NR N3 DRx



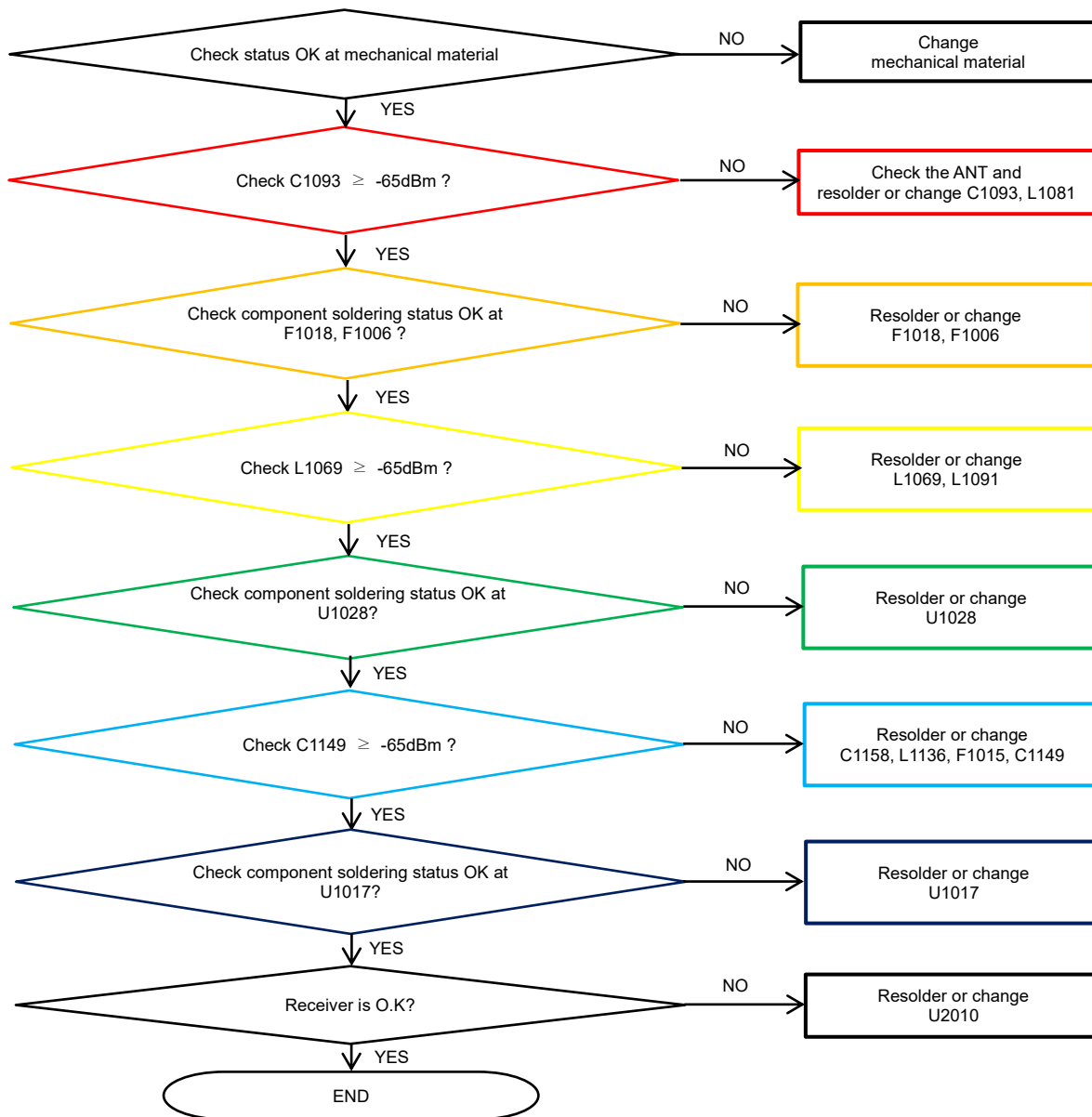
8. Level 3 Repair

8-4-26. WCDMA B1, LTE B1, NR N1 DRx



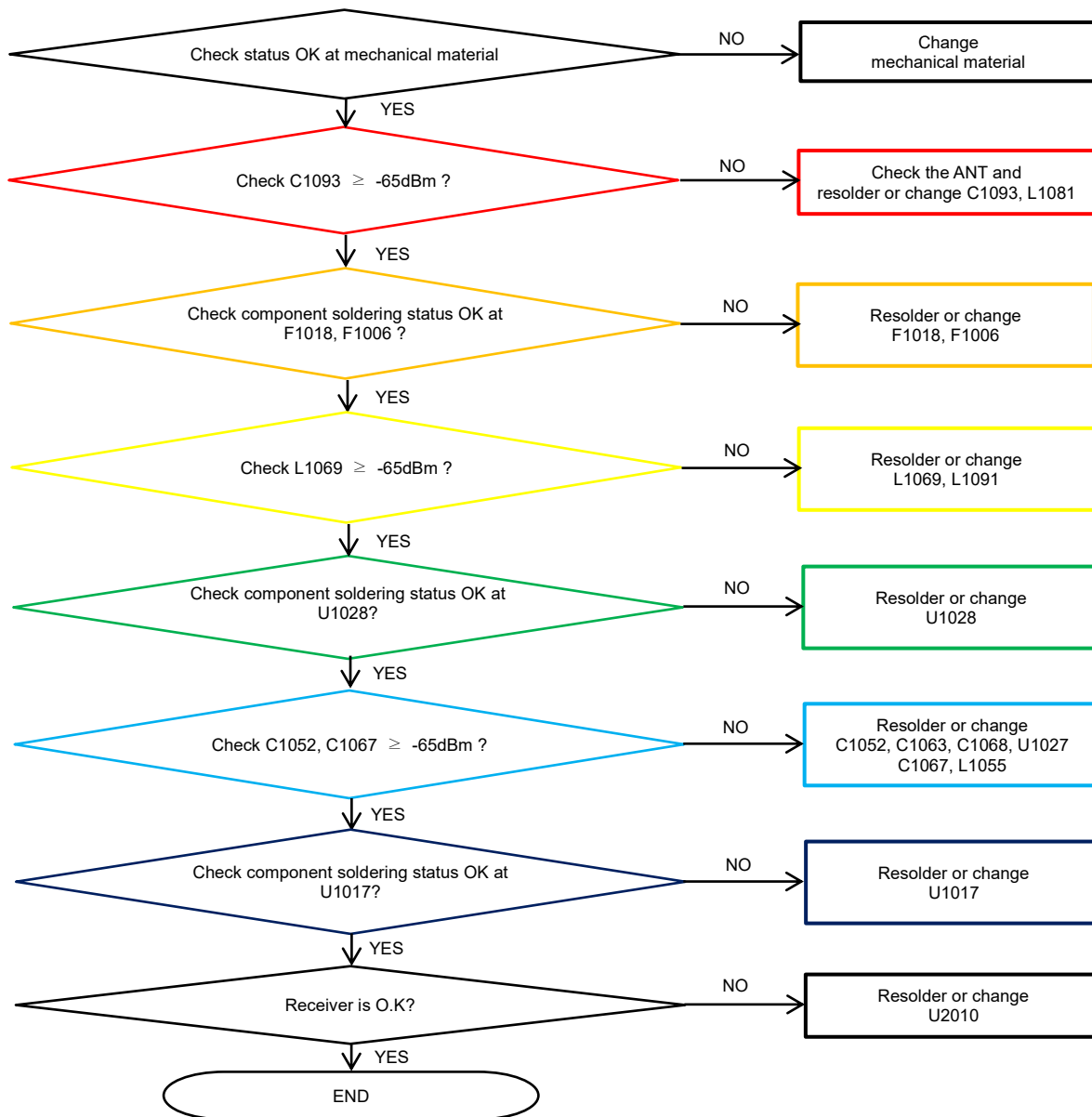
8. Level 3 Repair

8-4-27. WCDMA B4, LTE B4/66 DRx



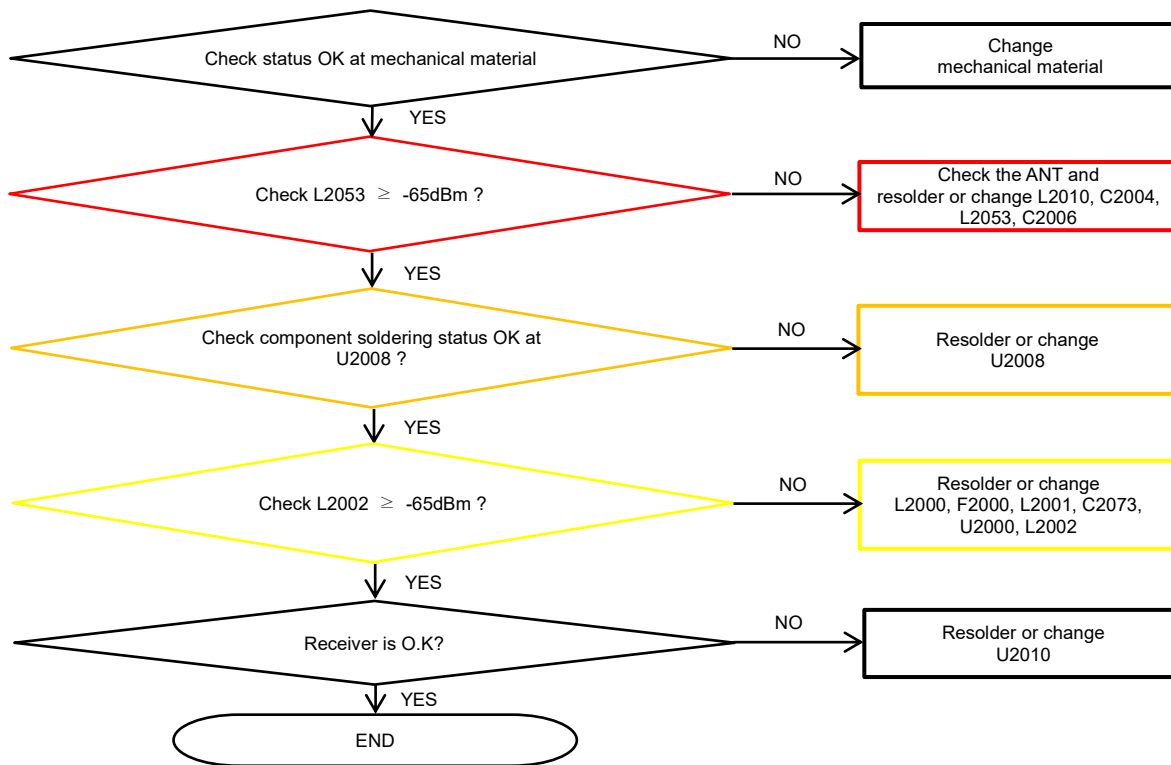
8. Level 3 Repair

8-4-28. LTE B7/38/40/41, NR N7/38/40/41 DRx



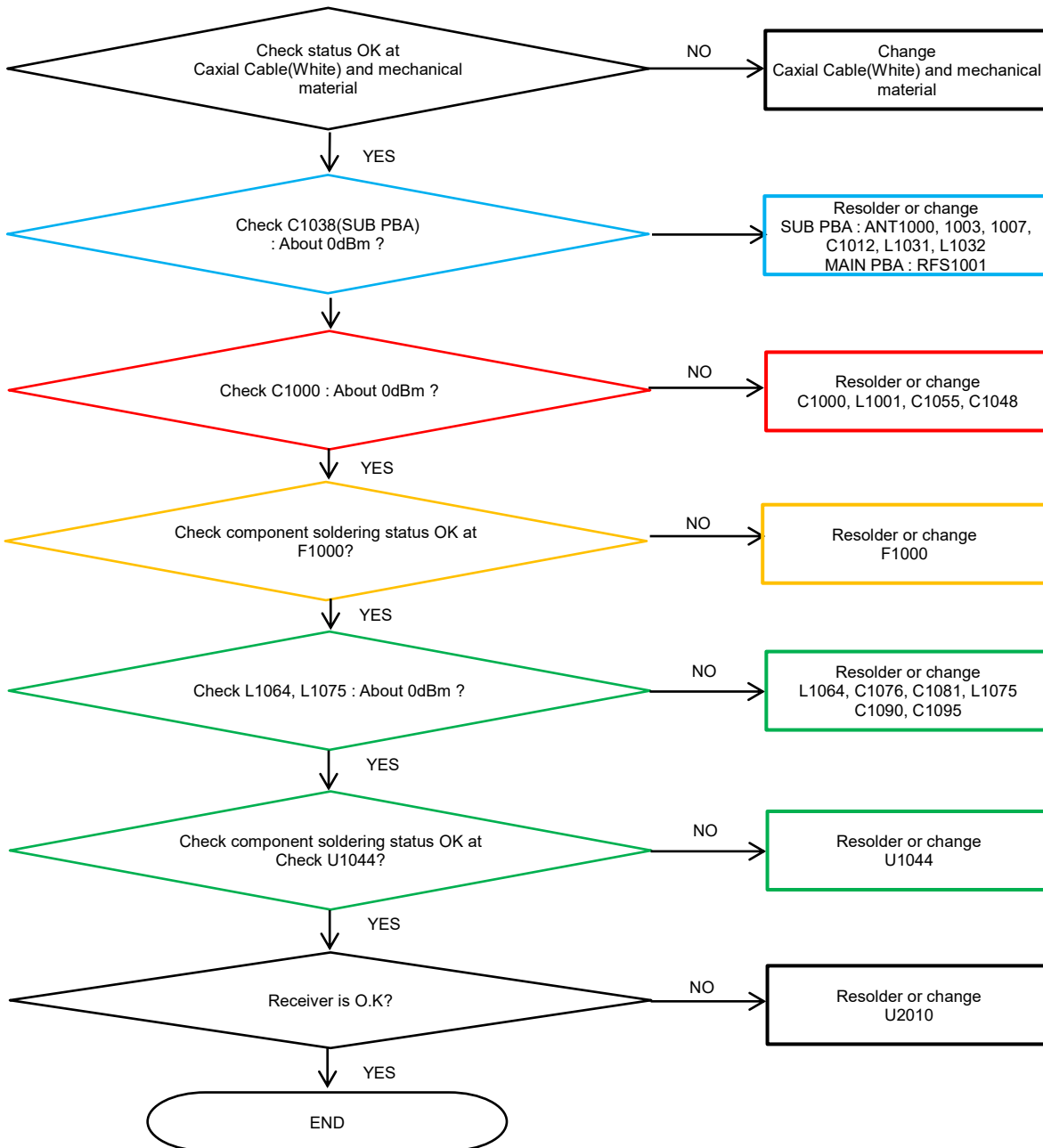
8. Level 3 Repair

8-4-29. NR N78 DRx [SM-A326B/BR]



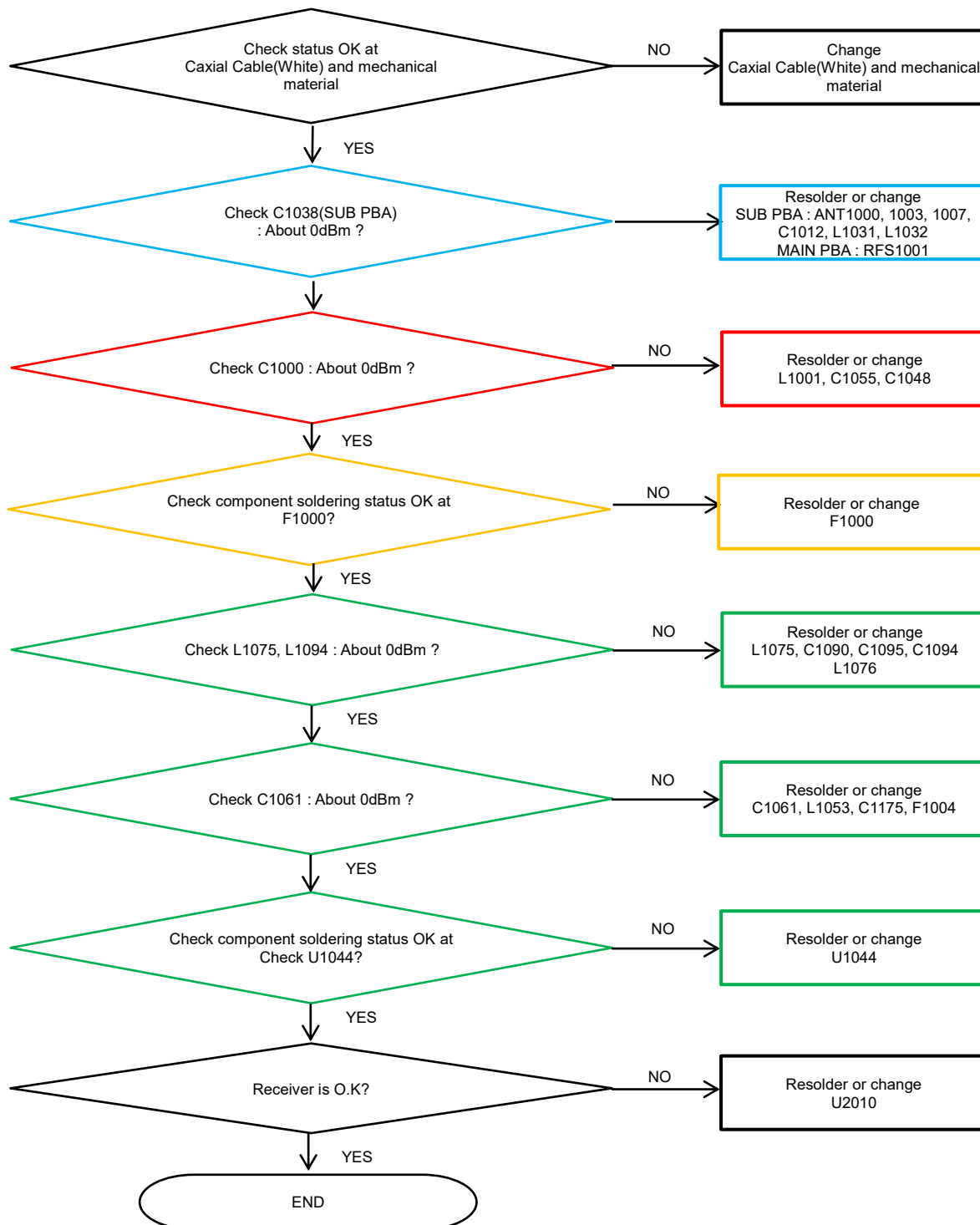
8. Level 3 Repair

8-4-30. GSM 850/900, WCDMA B5/8, LTE B5/8/12/17/20/26, NR_SUB6 N5/8 Tx



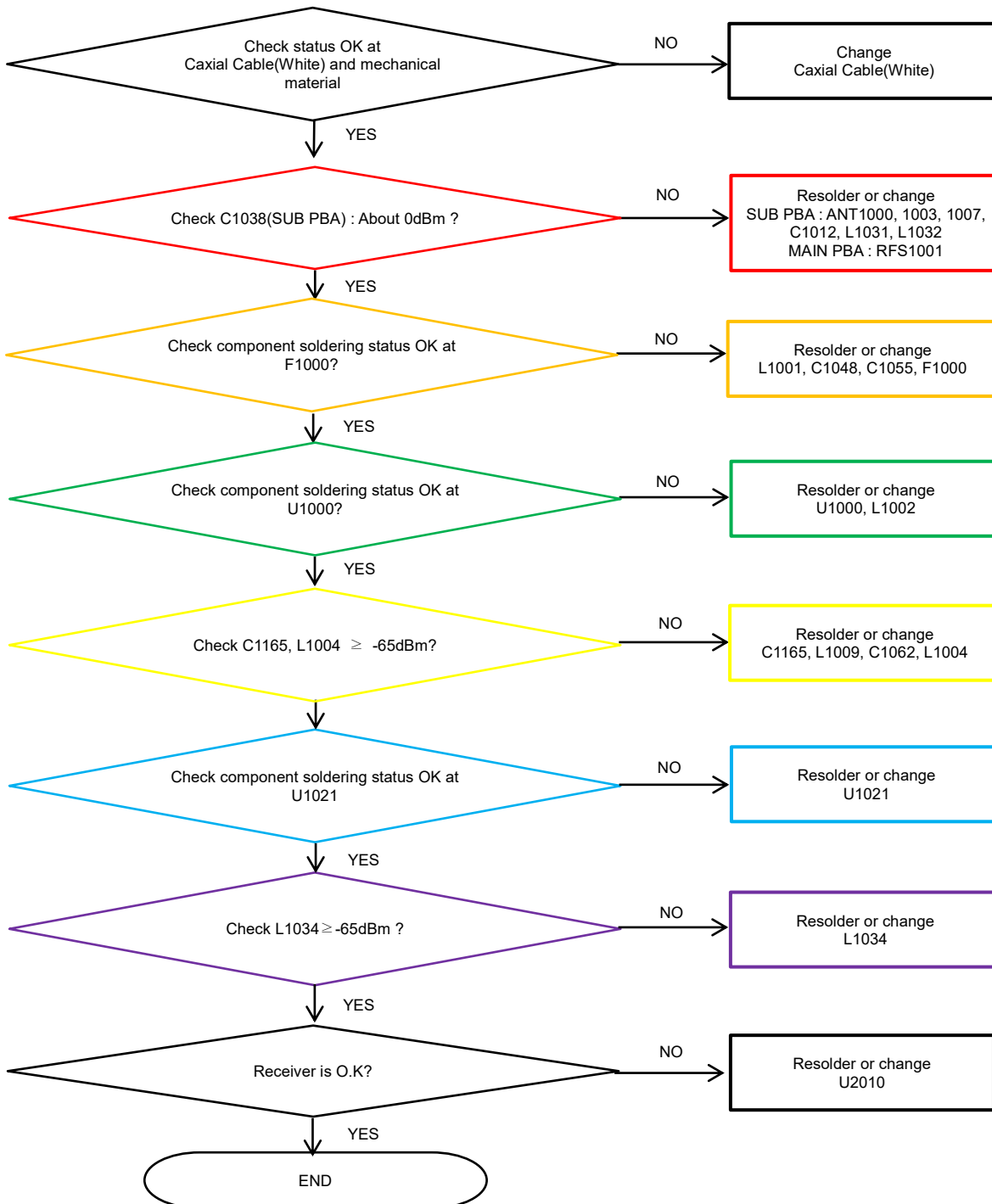
8. Level 3 Repair

8-4-31. LTE B28, NR_SUB6 N28 Tx



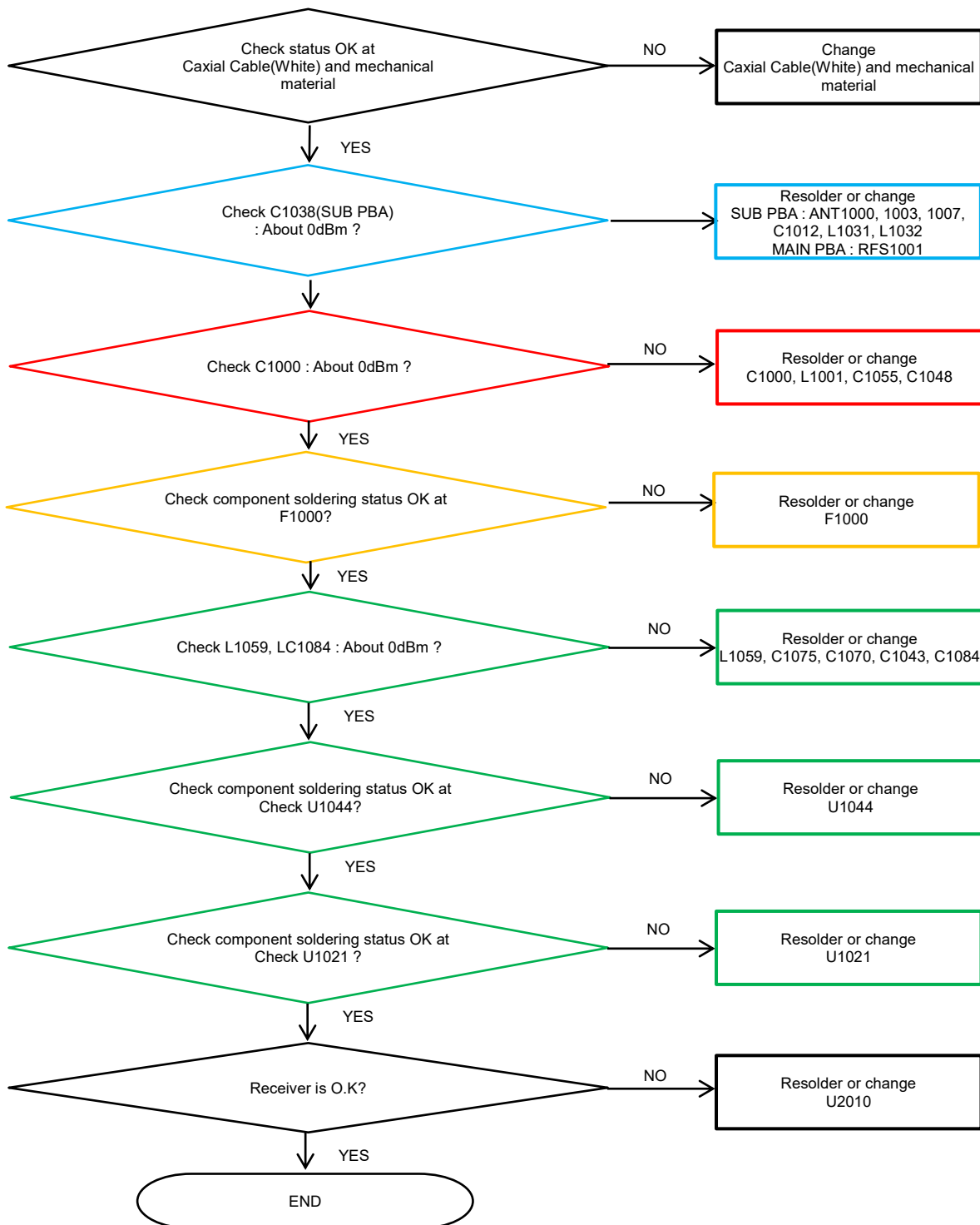
8. Level 3 Repair

8-4-32. WCDMA B1/3/4, LTE B1/3/4/66, NR N1/3 Tx



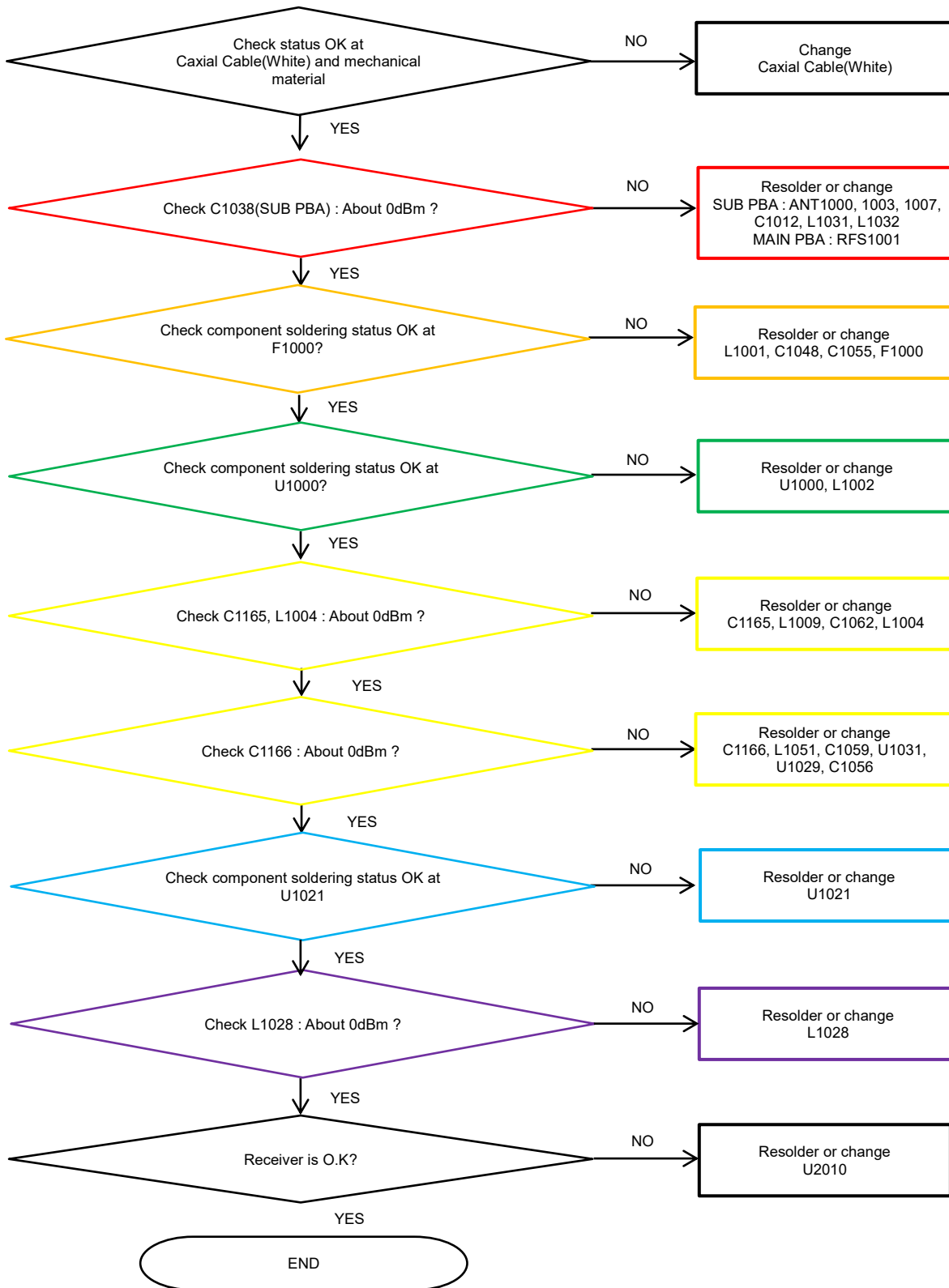
8. Level 3 Repair

8-4-33. GSM 1800 Tx



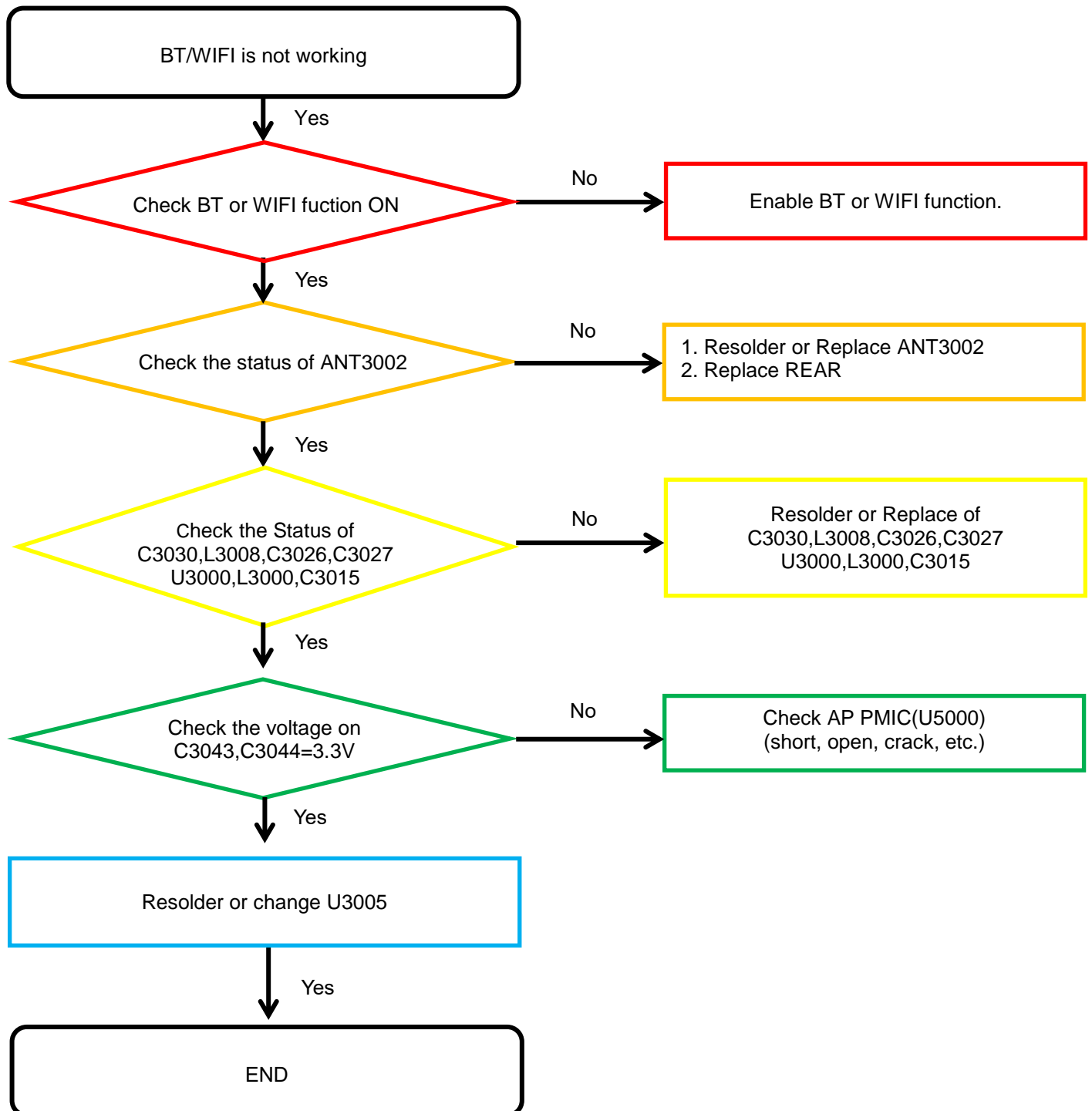
8. Level 3 Repair

8-4-34. GSM 1900, WCDMA B2, LTE B2 Tx



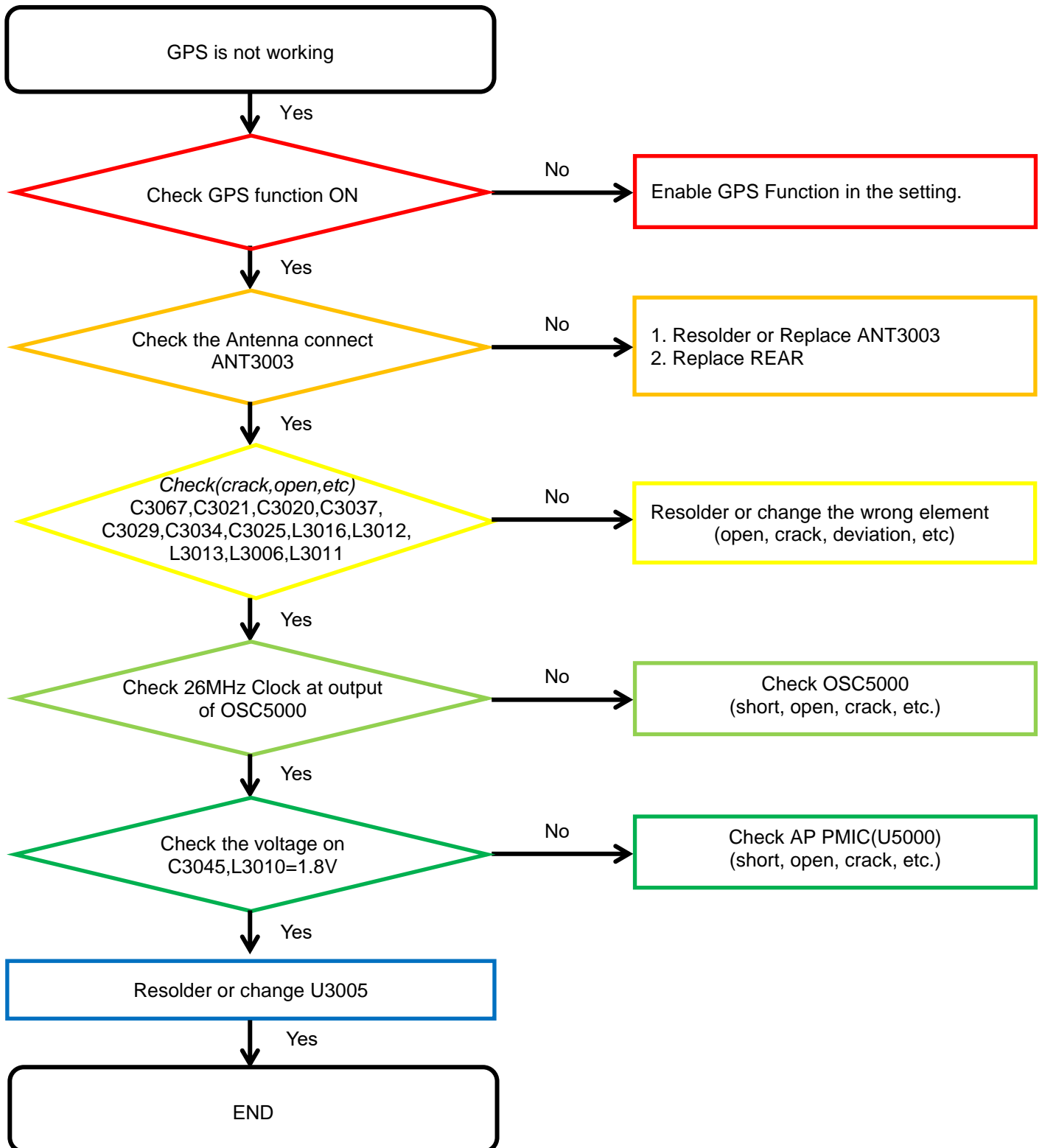
8. Level 3 Repair

8-4-35. BT/WIFI



8. Level 3 Repair

8-4-36. GPS



8. Level 3 Repair

8-4-37. NFC

