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SOC100

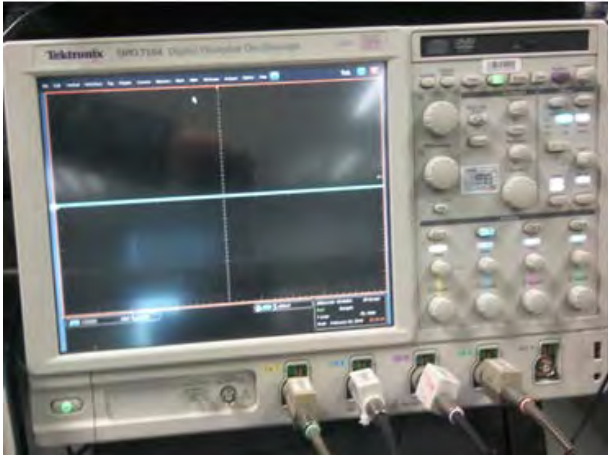
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PH2

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8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



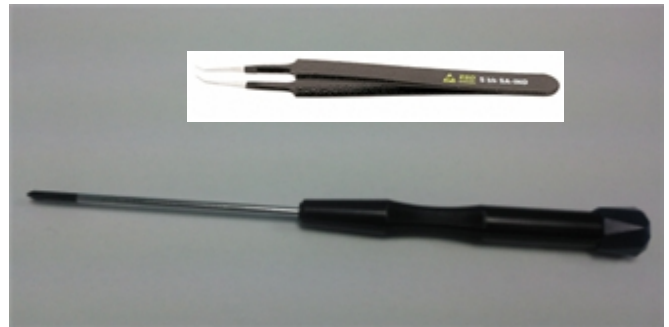
Oscilloscope



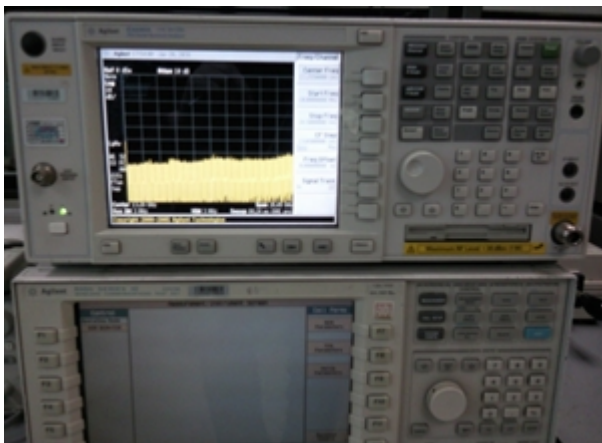
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



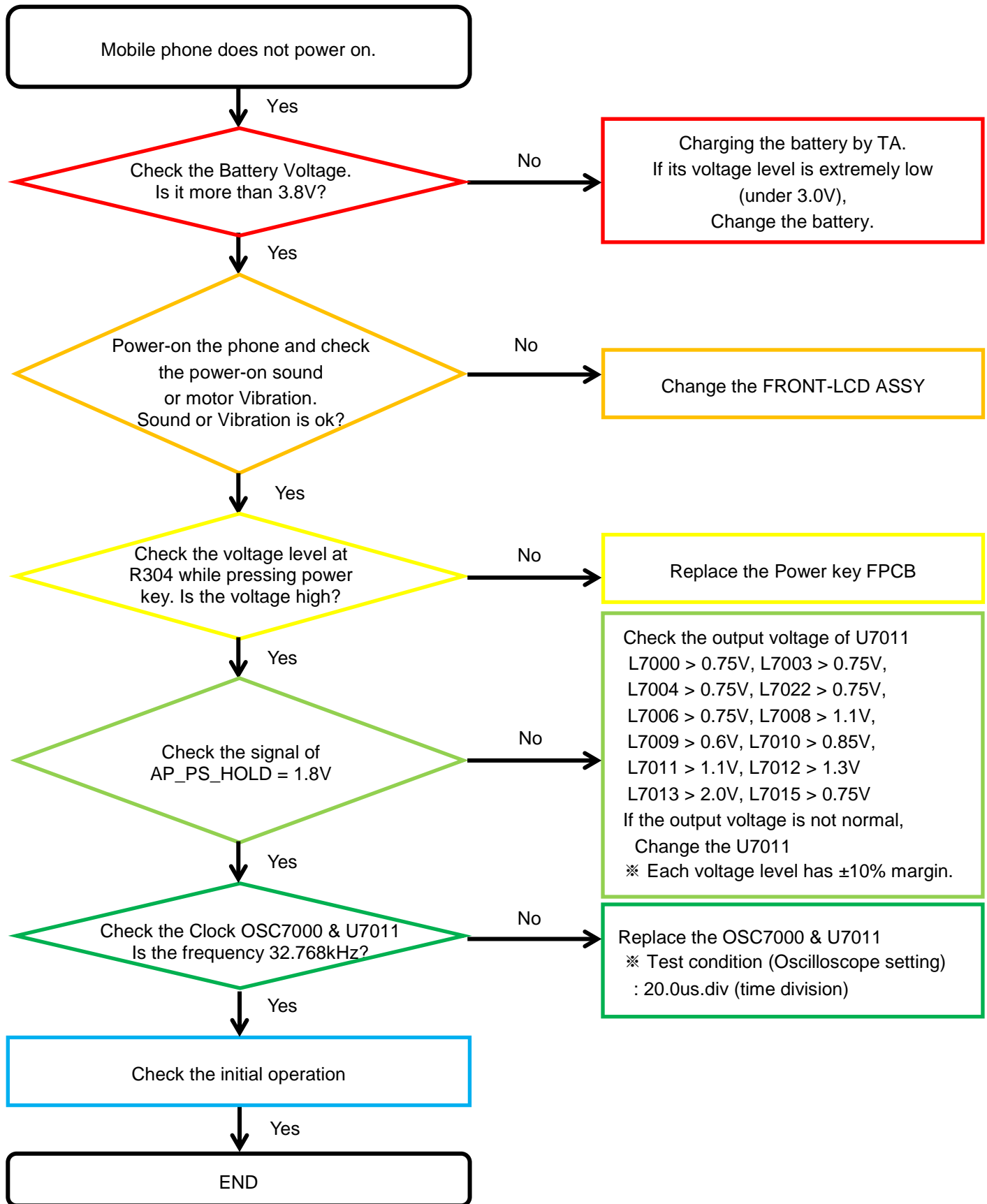
8960 & Spectrum Analyzer



Soldering iron

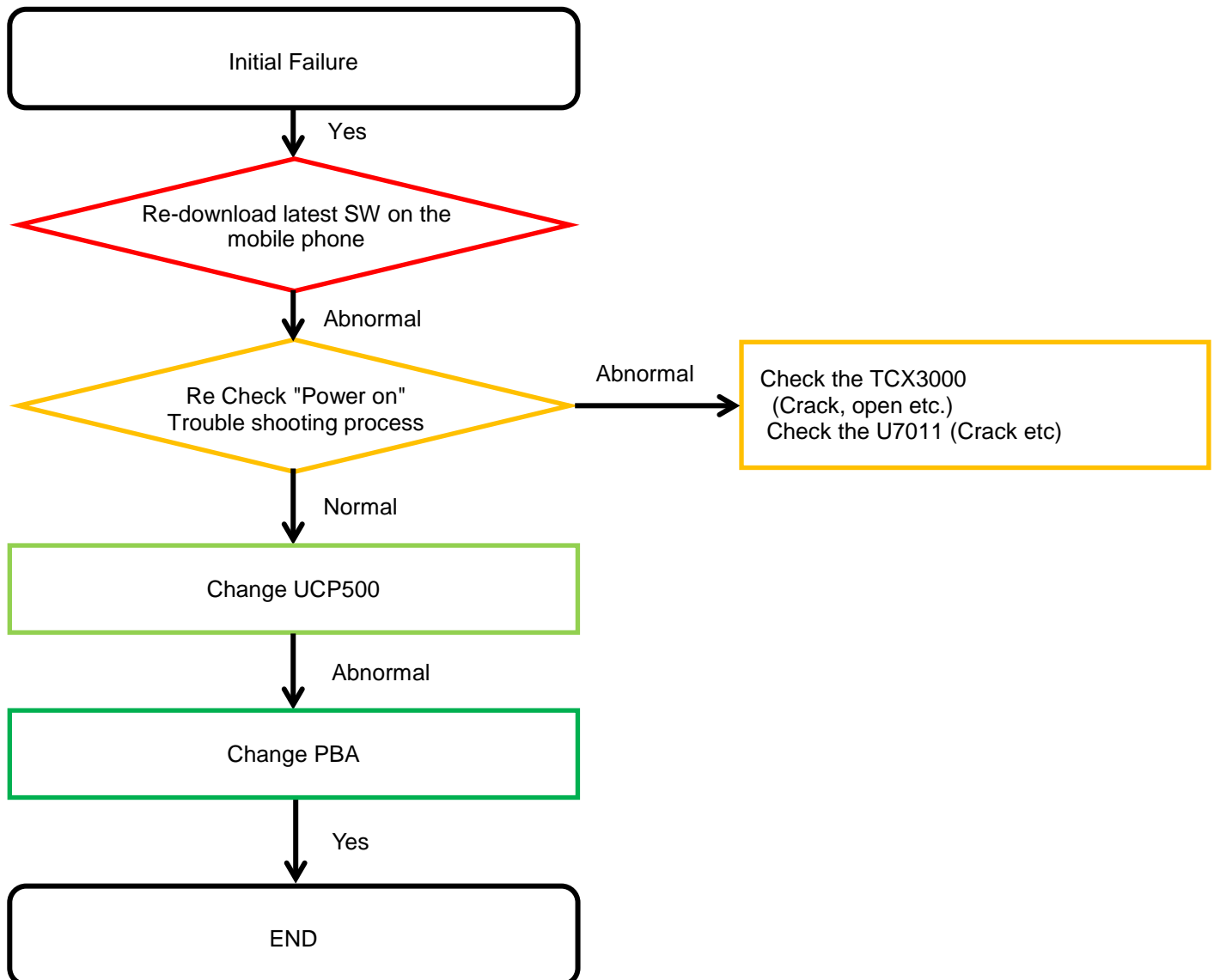
8. Level 3 Repair

8-4-1. Power On



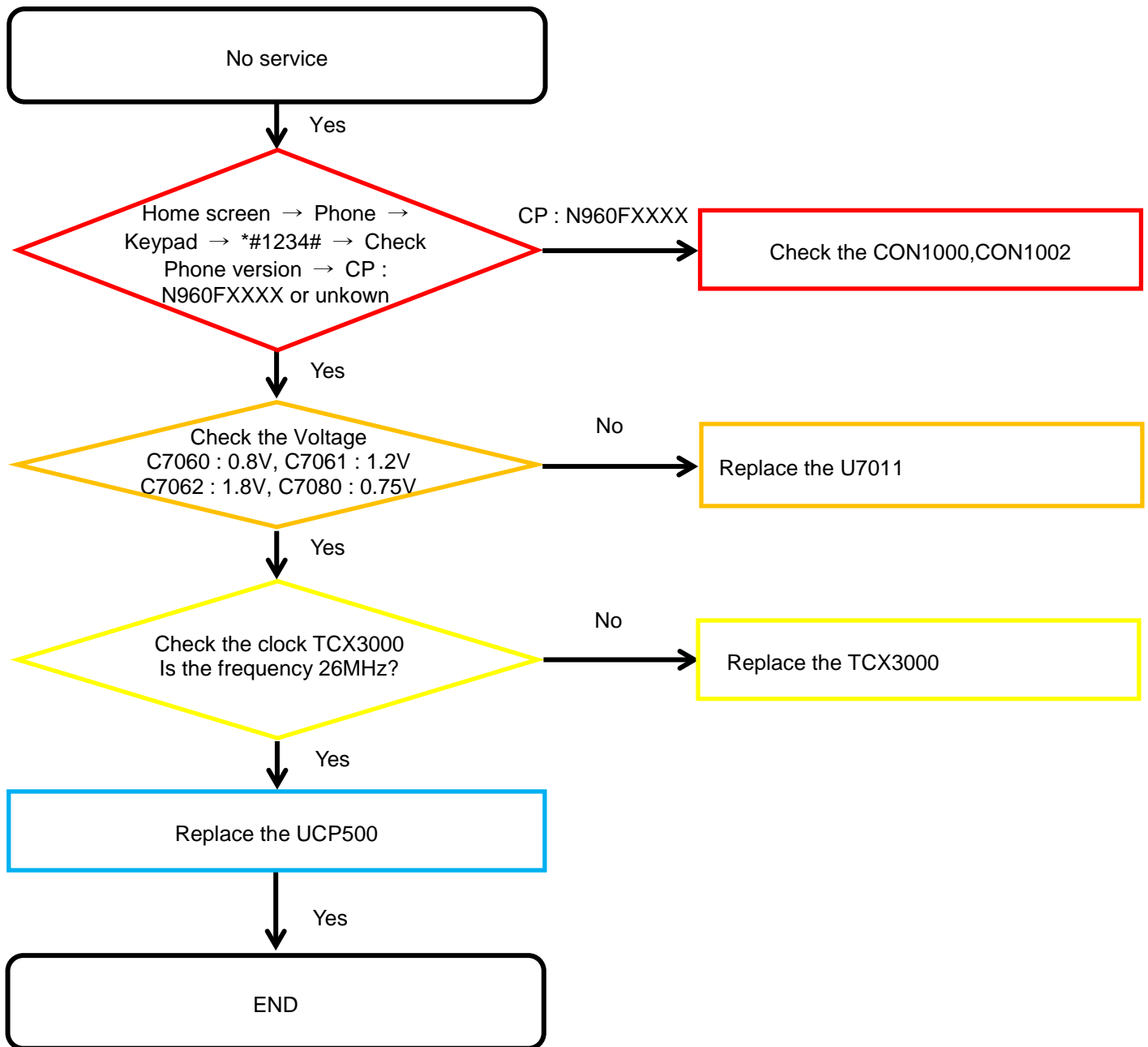
8. Level 3 Repair

8-4-2. Initial



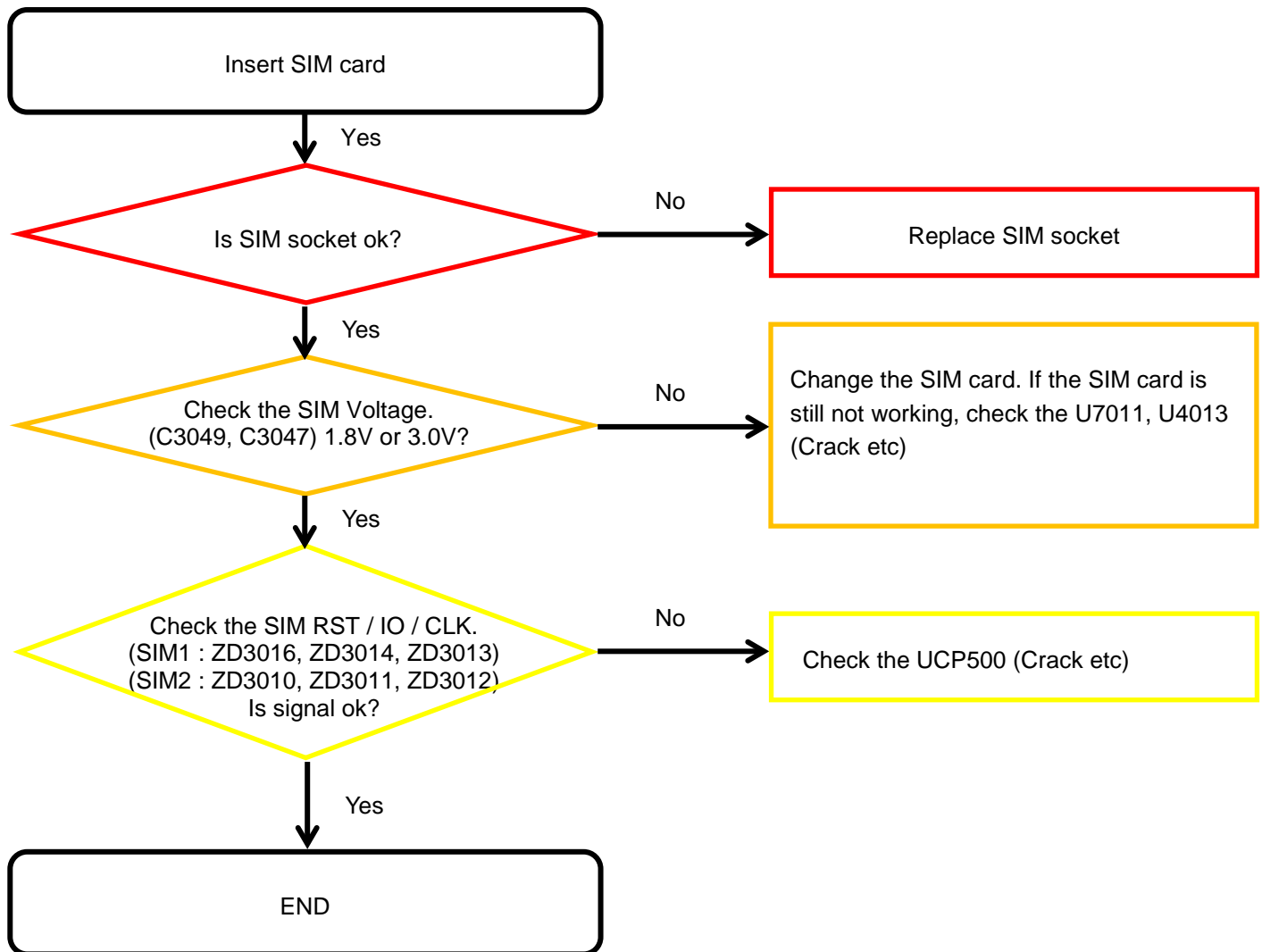
8. Level 3 Repair

8-4-3. No Service



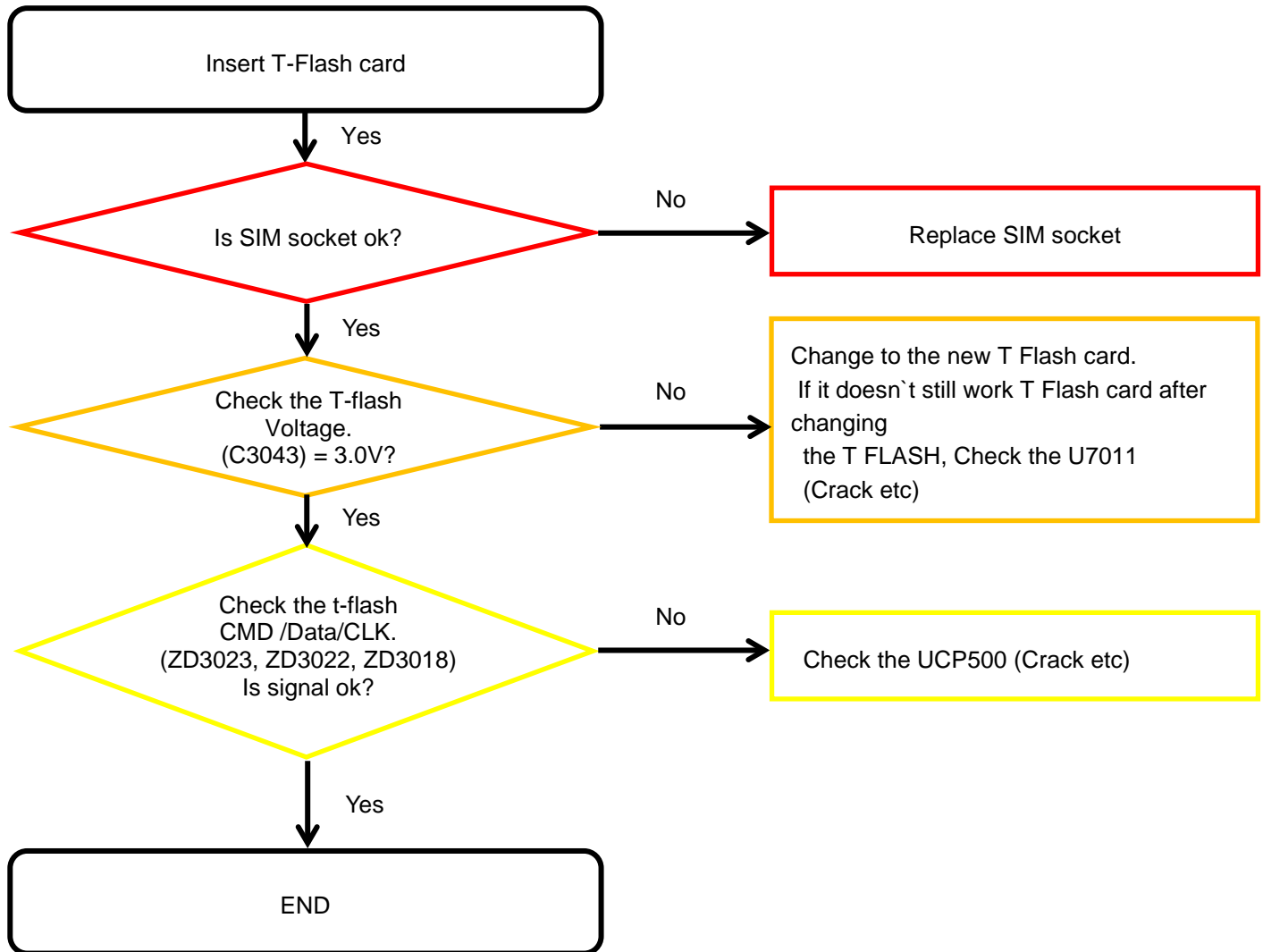
8. Level 3 Repair

8-4-4. SIM Part



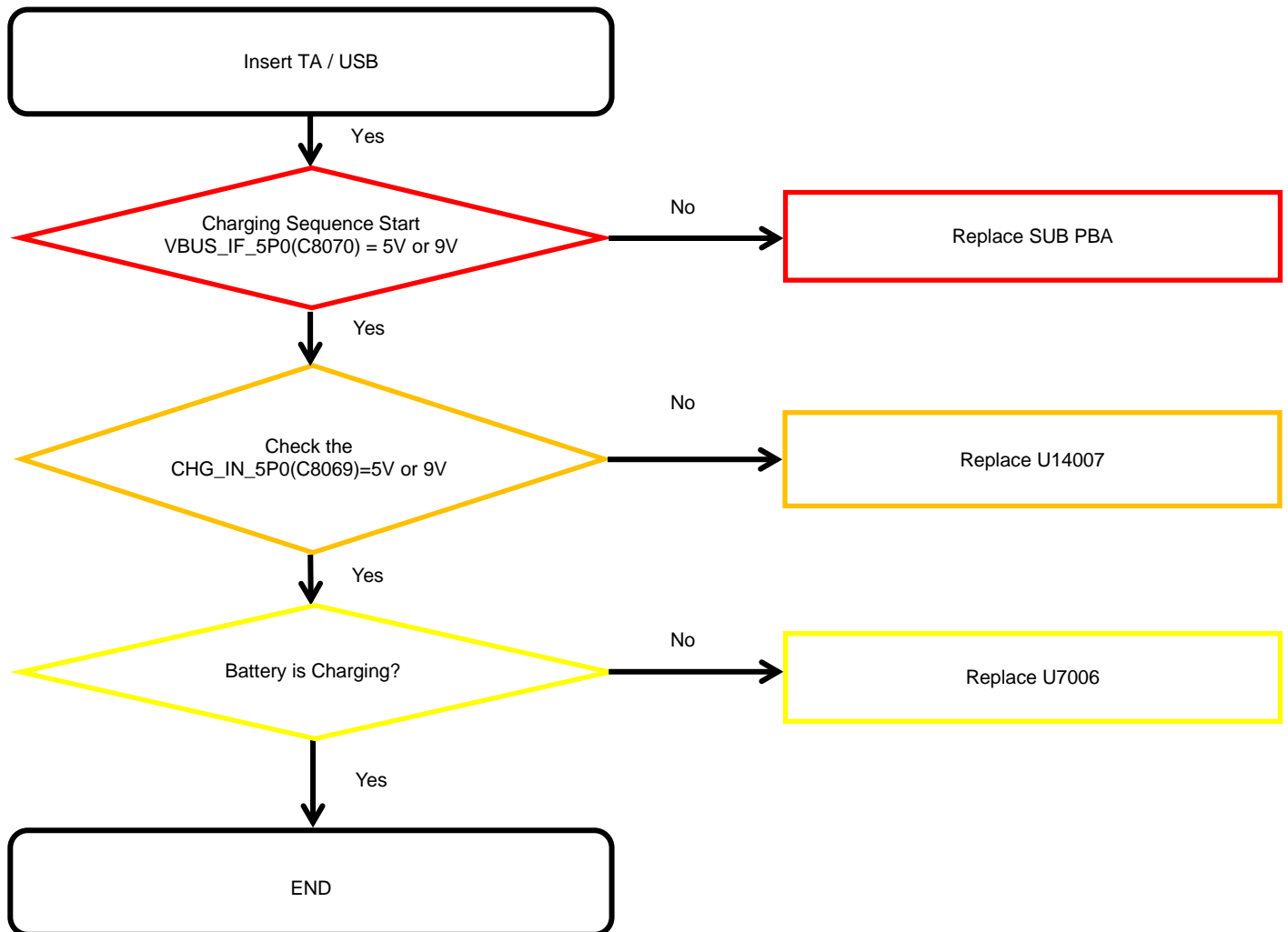
8. Level 3 Repair

8-4-5. T-Flash Part



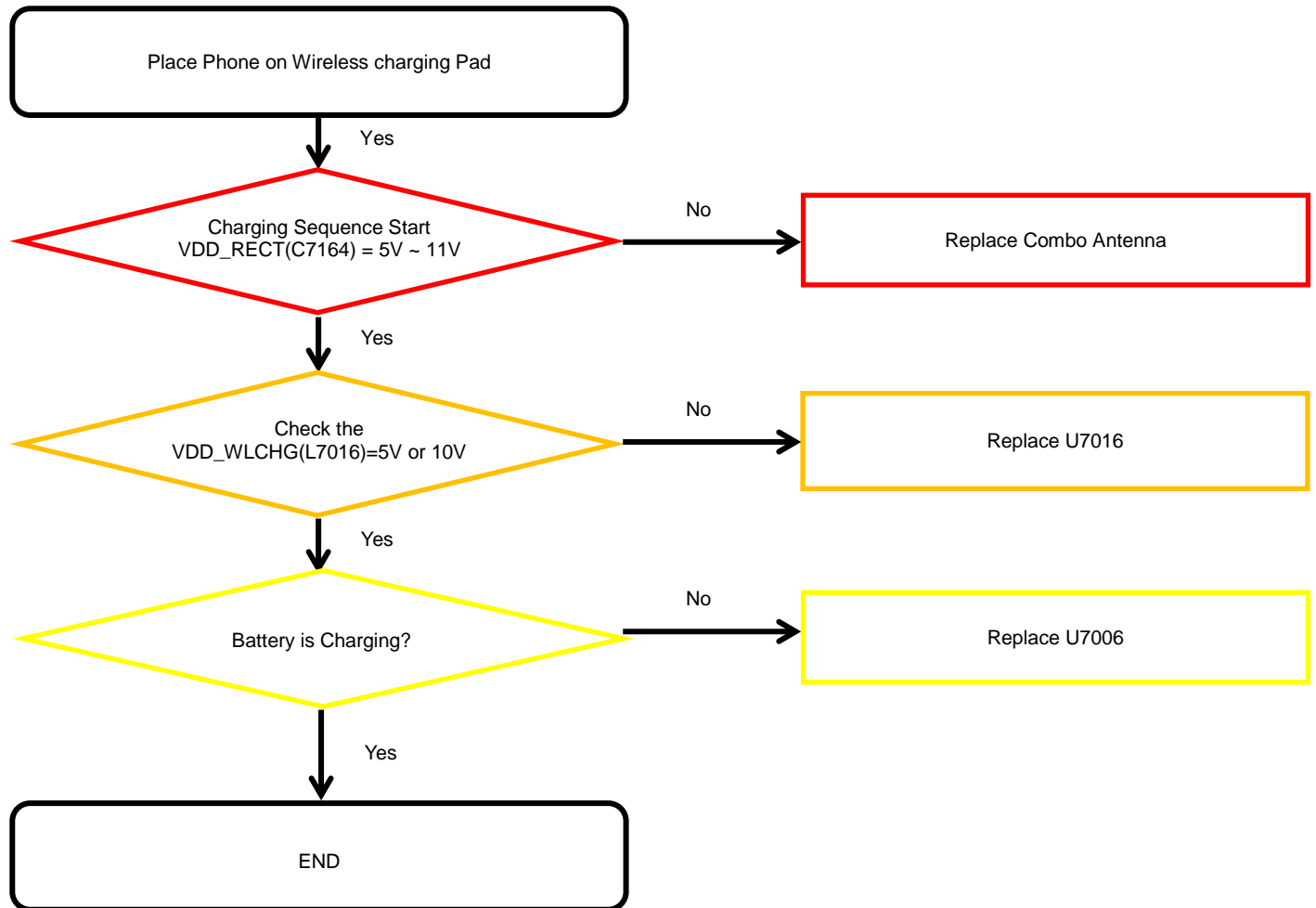
8. Level 3 Repair

8-4-6-1. Cable Charging Part (Normal/Fast)



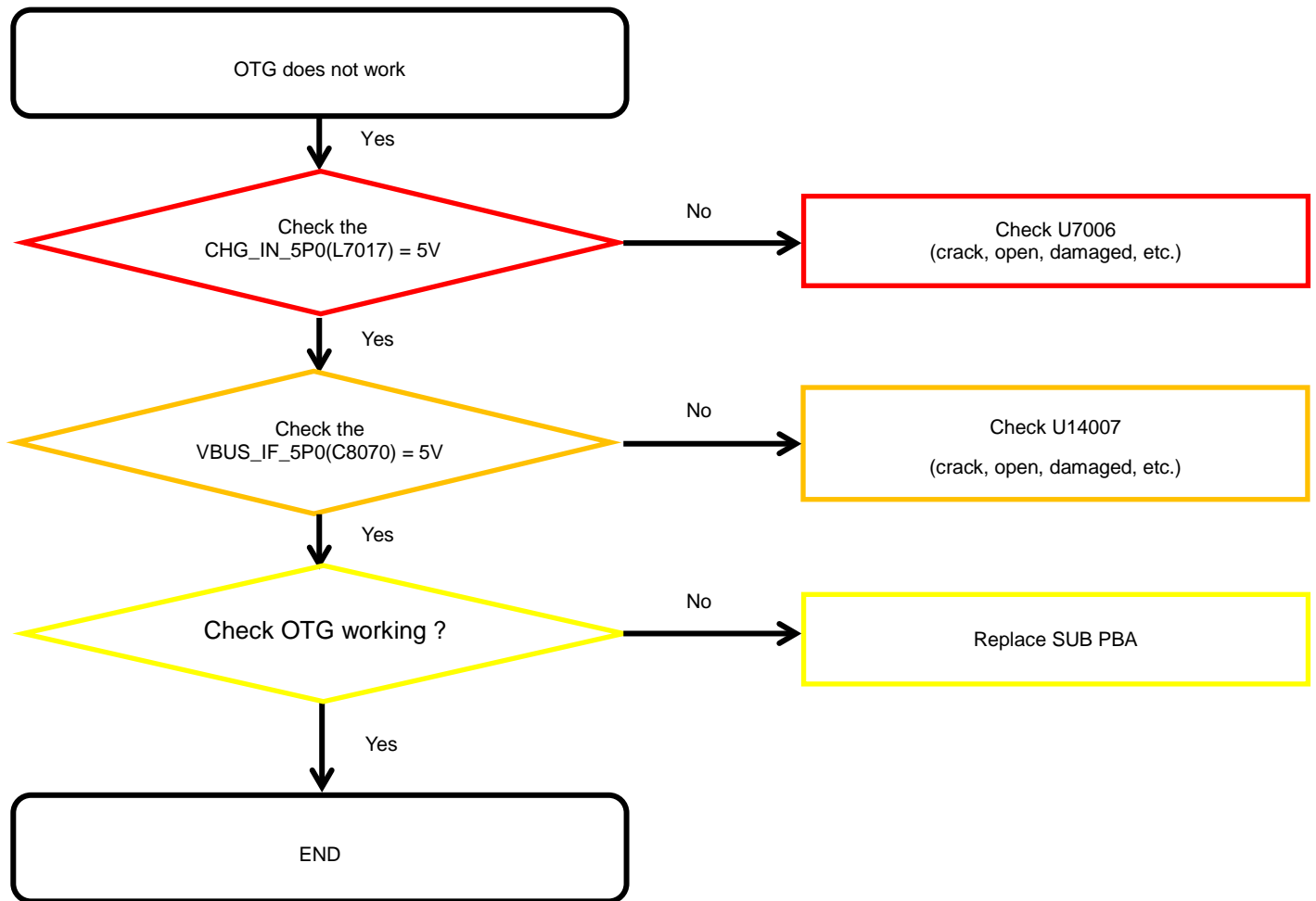
8. Level 3 Repair

8-4-6-2. Wireless Charging Part (Normal/Fast)



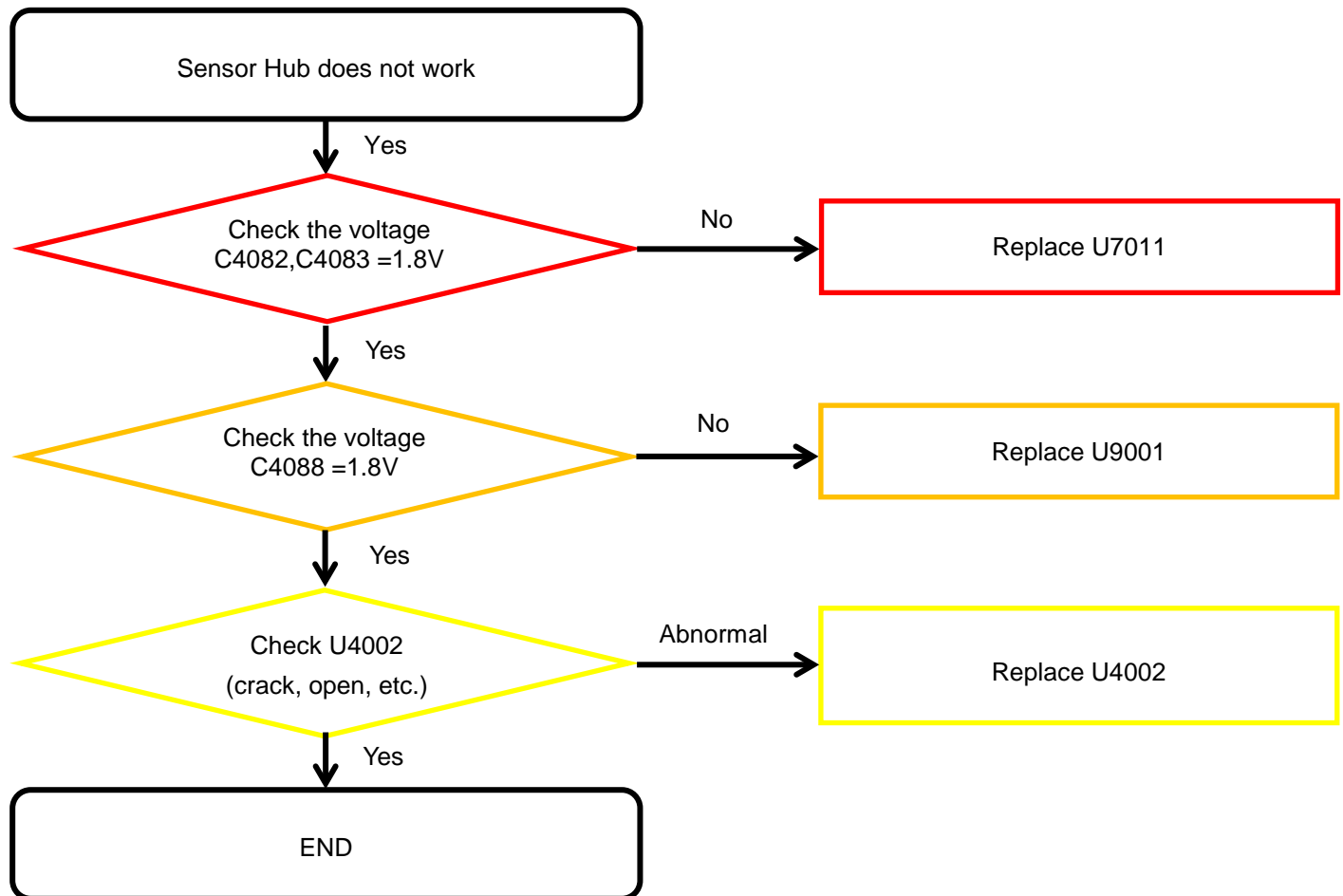
8. Level 3 Repair

8-4-7. OTG



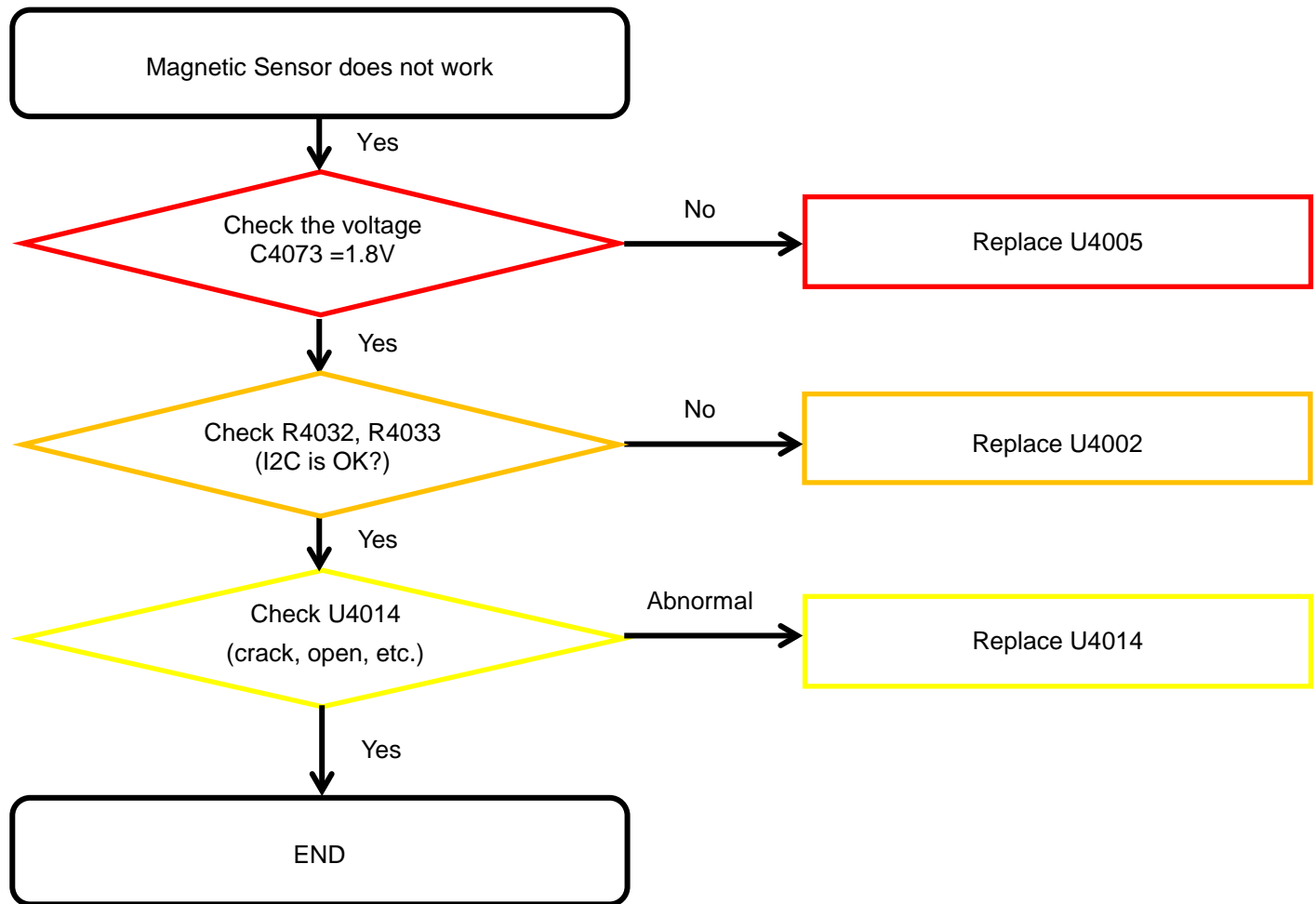
8. Level 3 Repair

8-4-8-1. Sensor Hub



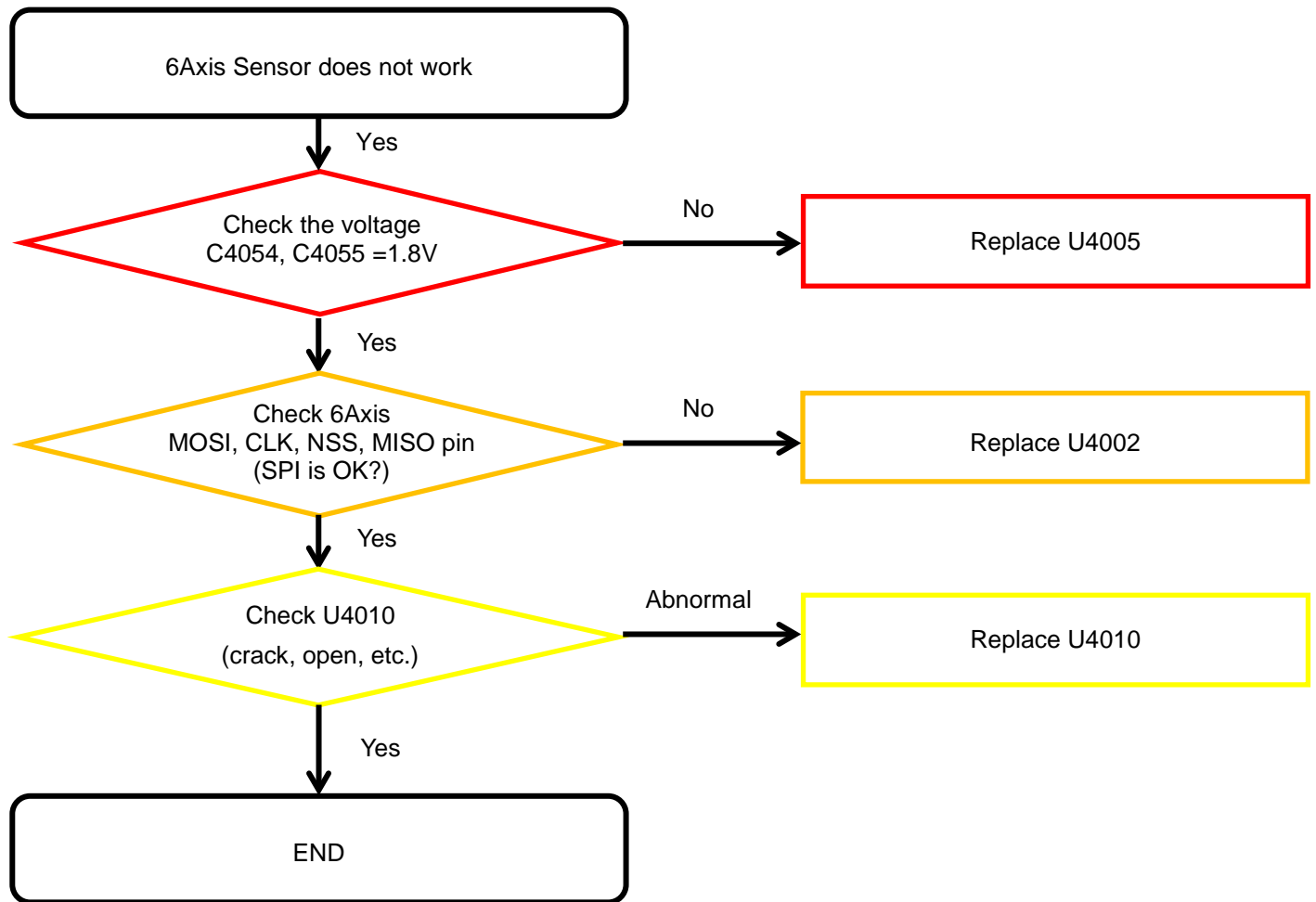
8. Level 3 Repair

8-4-8-2. Magnetic Sensor



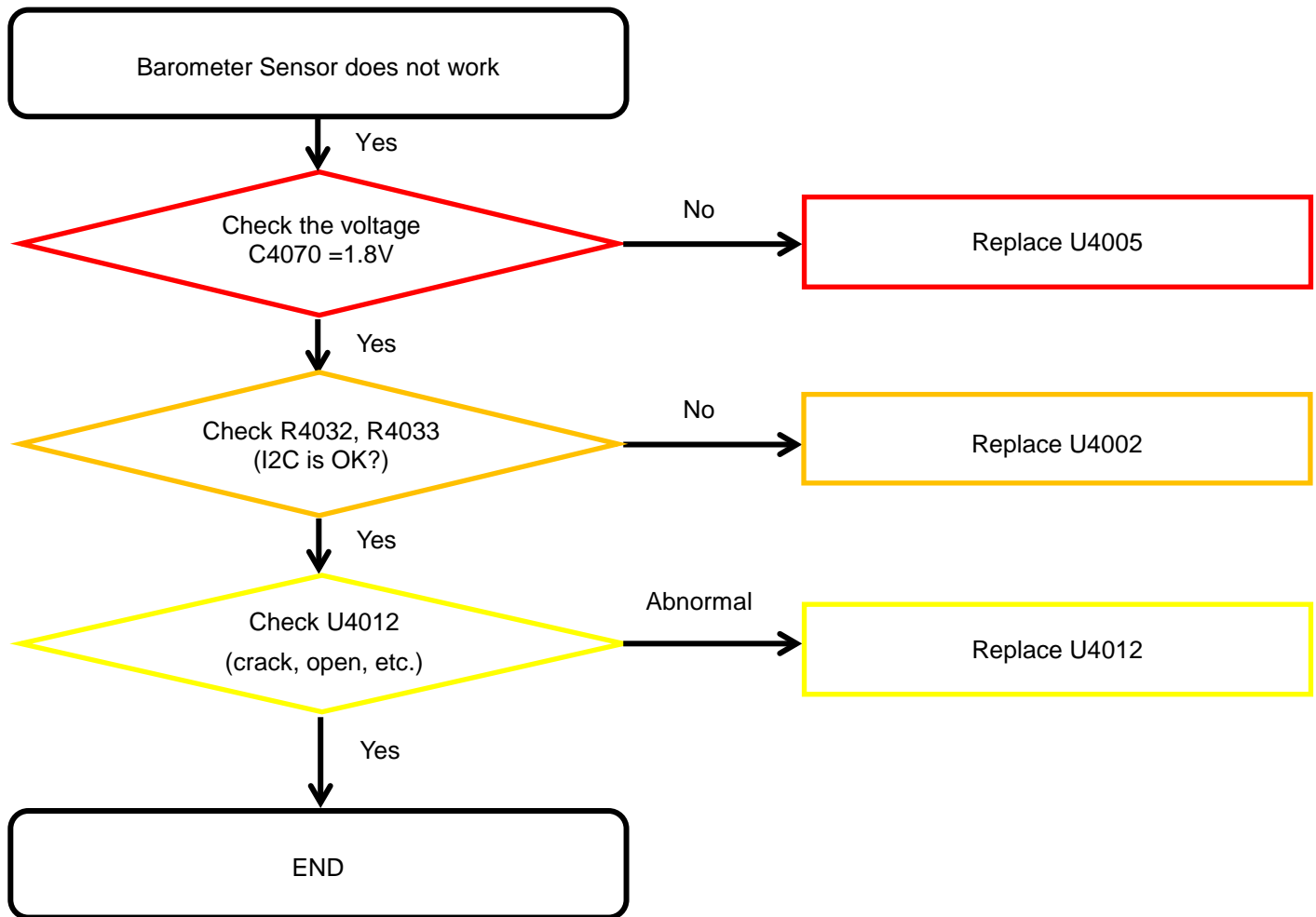
8. Level 3 Repair

8-4-8-3. 6Axis Sensor



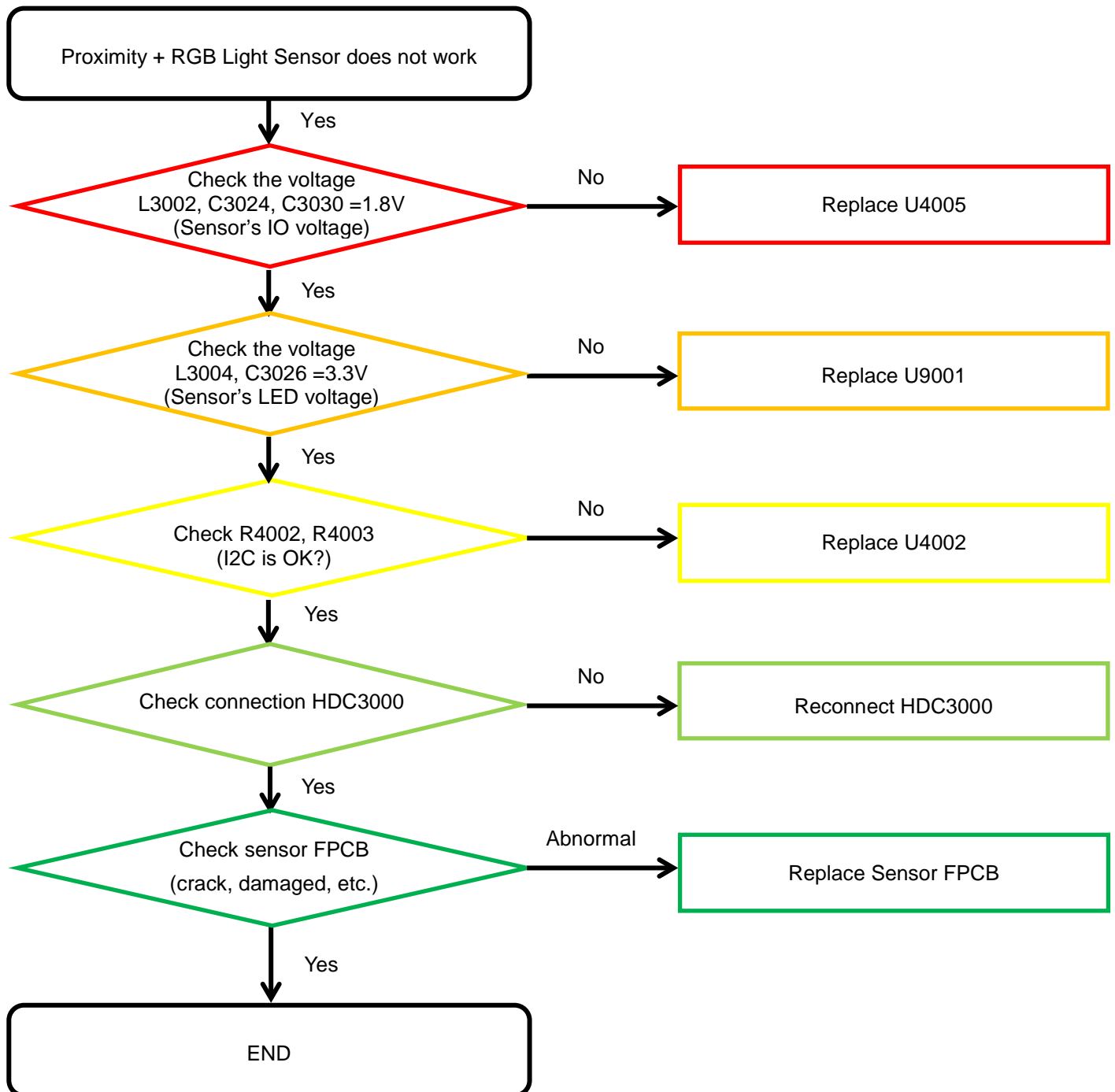
8. Level 3 Repair

8-4-8-4. Barometer sensor



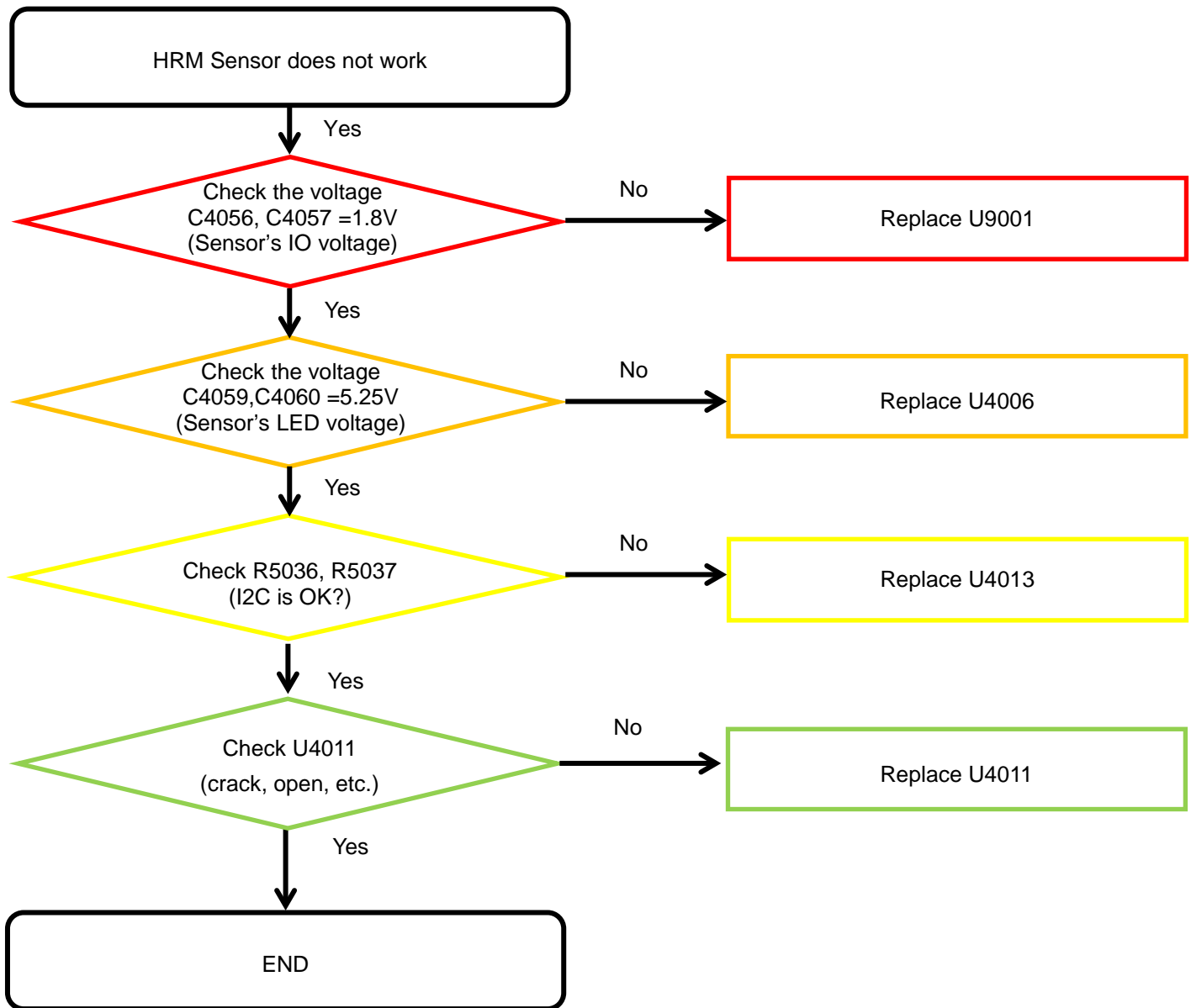
8. Level 3 Repair

8-4-8-5. Proximity + RGB Light sensor



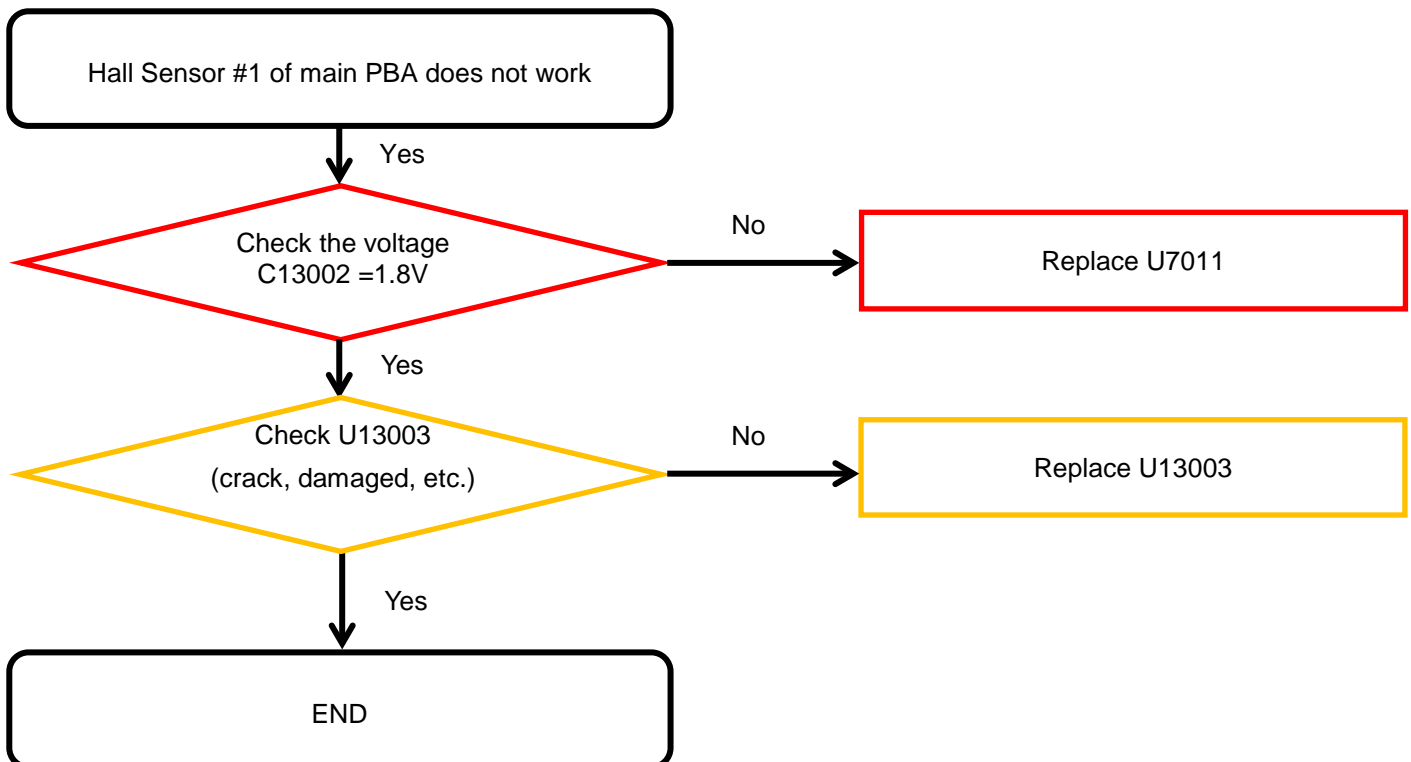
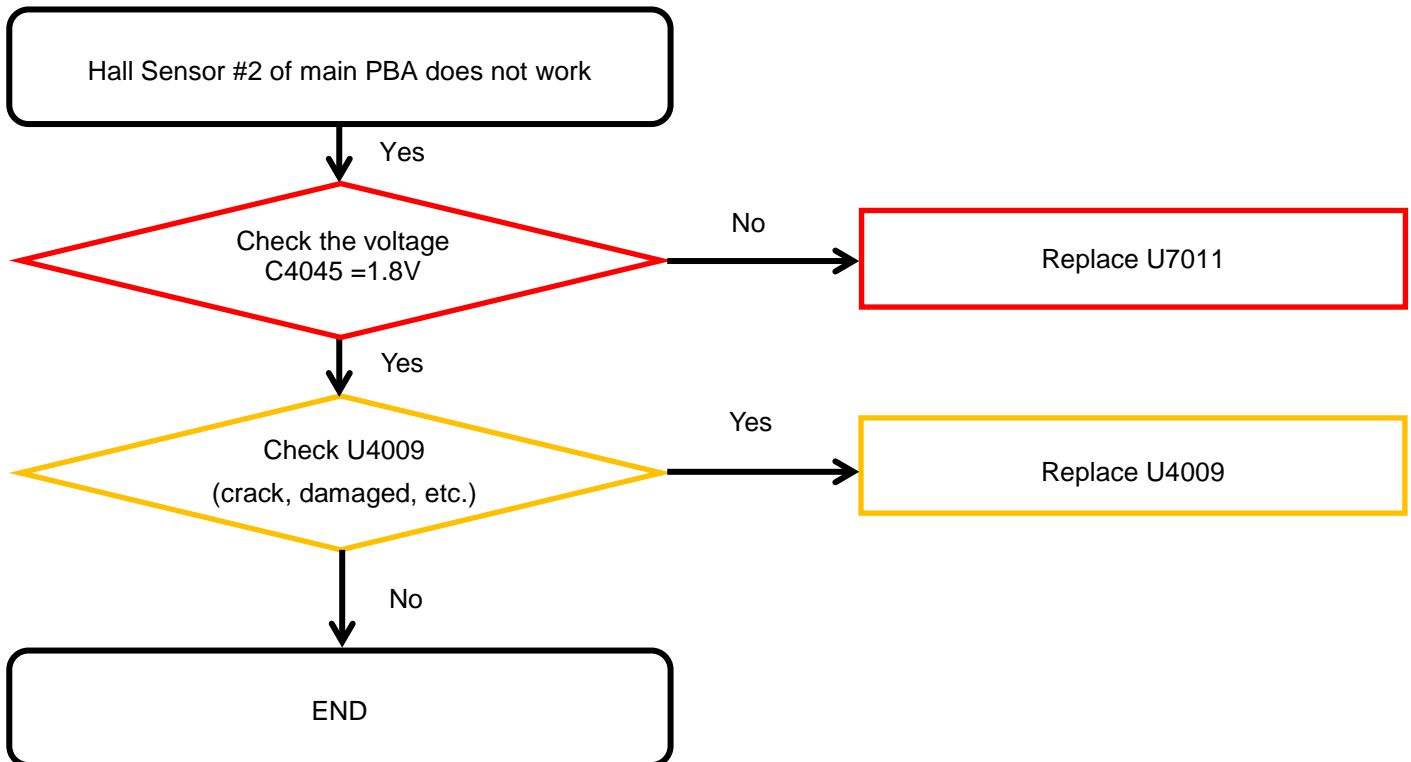
8. Level 3 Repair

8-4-8-6. HRM Sensor



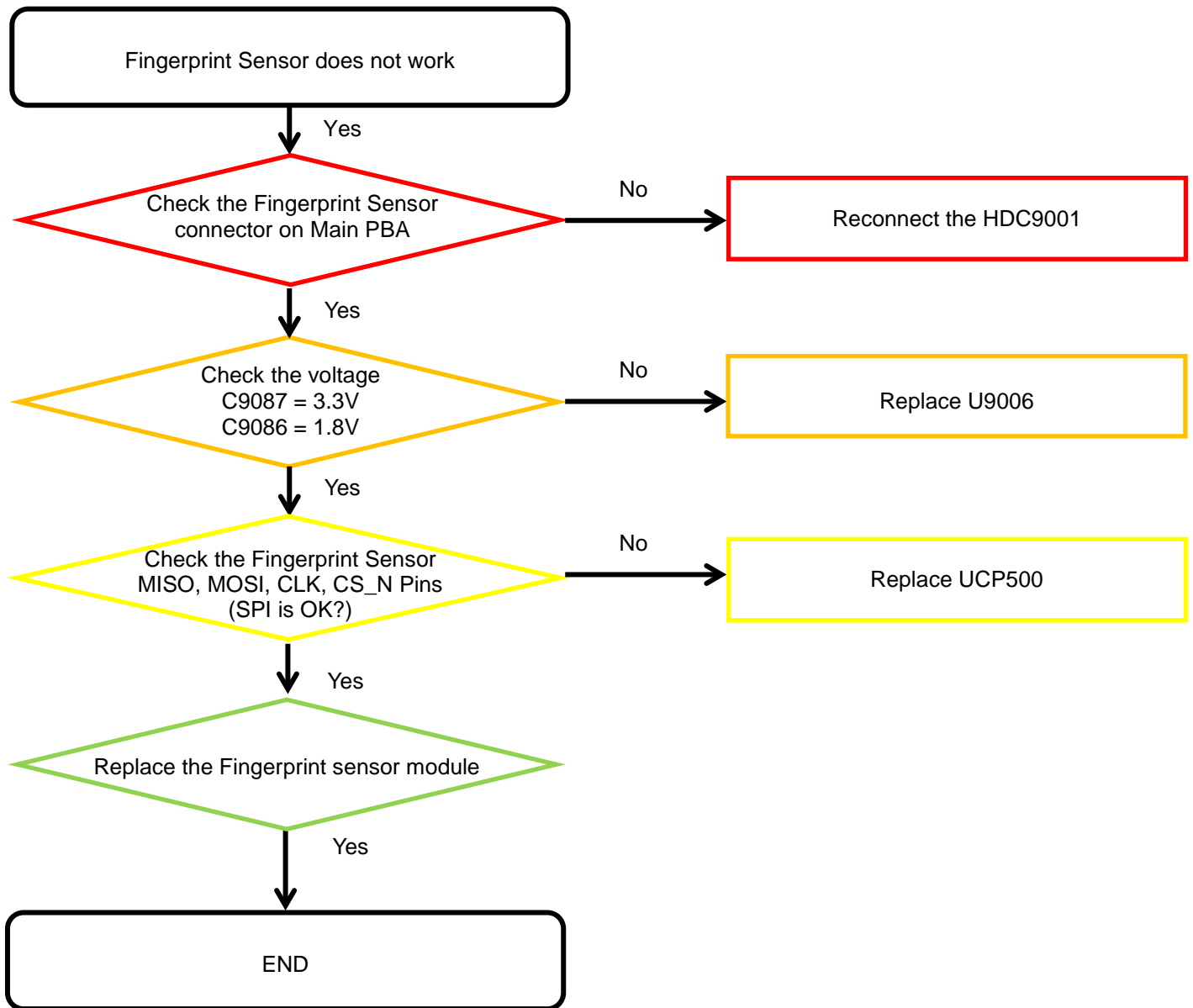
8. Level 3 Repair

8-4-8-7. Hall Sensor



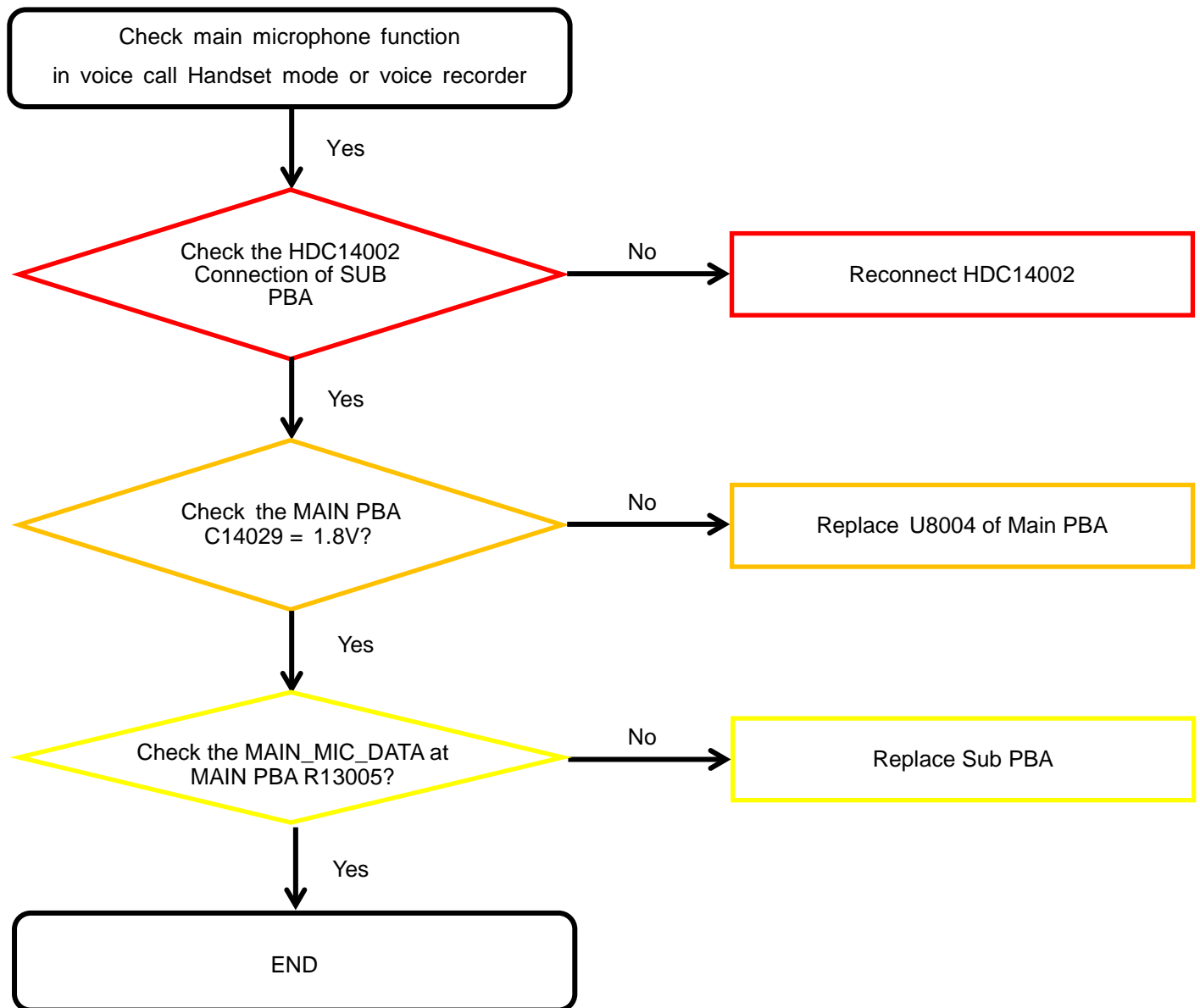
8. Level 3 Repair

8-4-8-8. Fingerprint Sensor



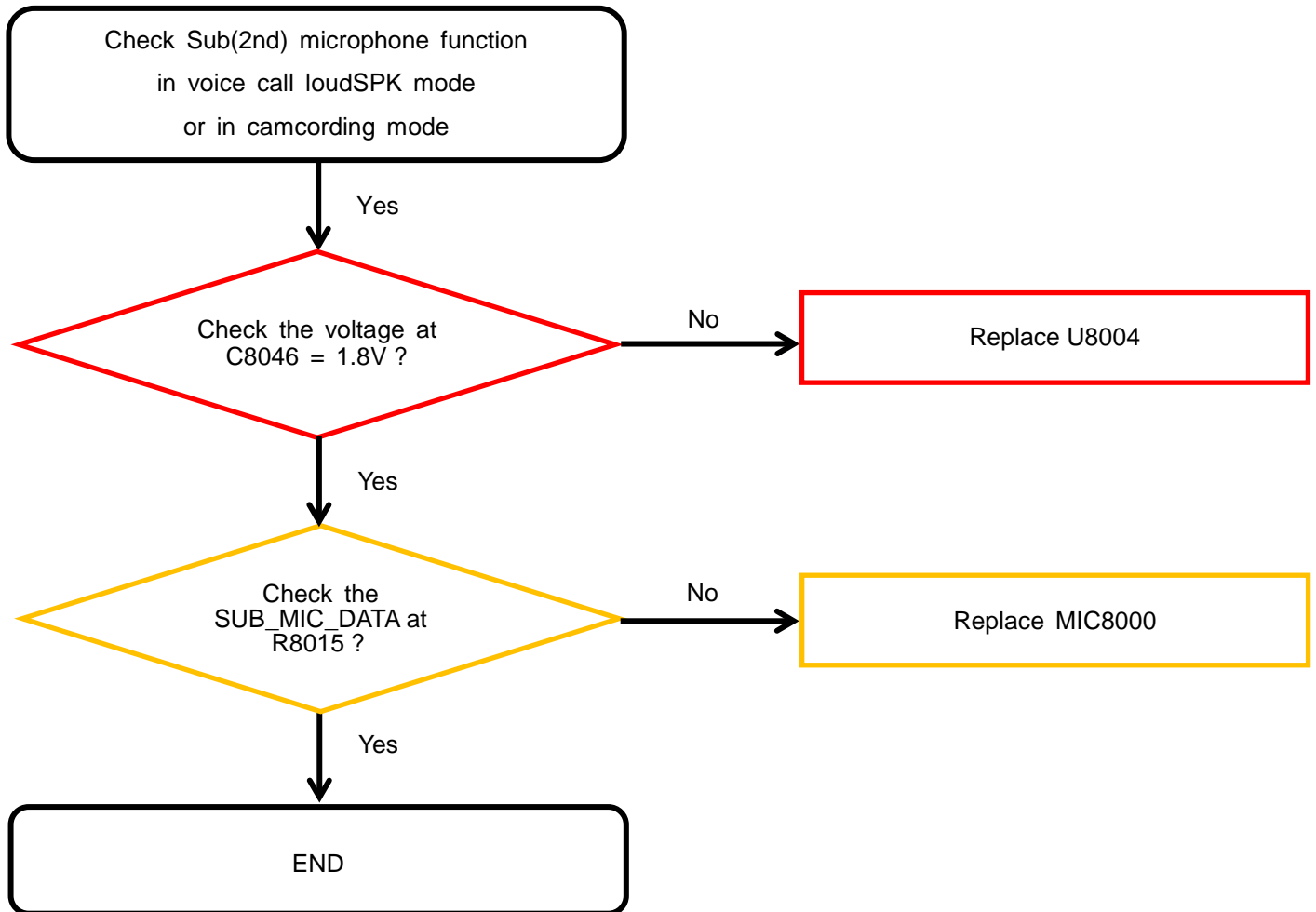
8. Level 3 Repair

8-4-9-1. Microphone Part - Main MIC



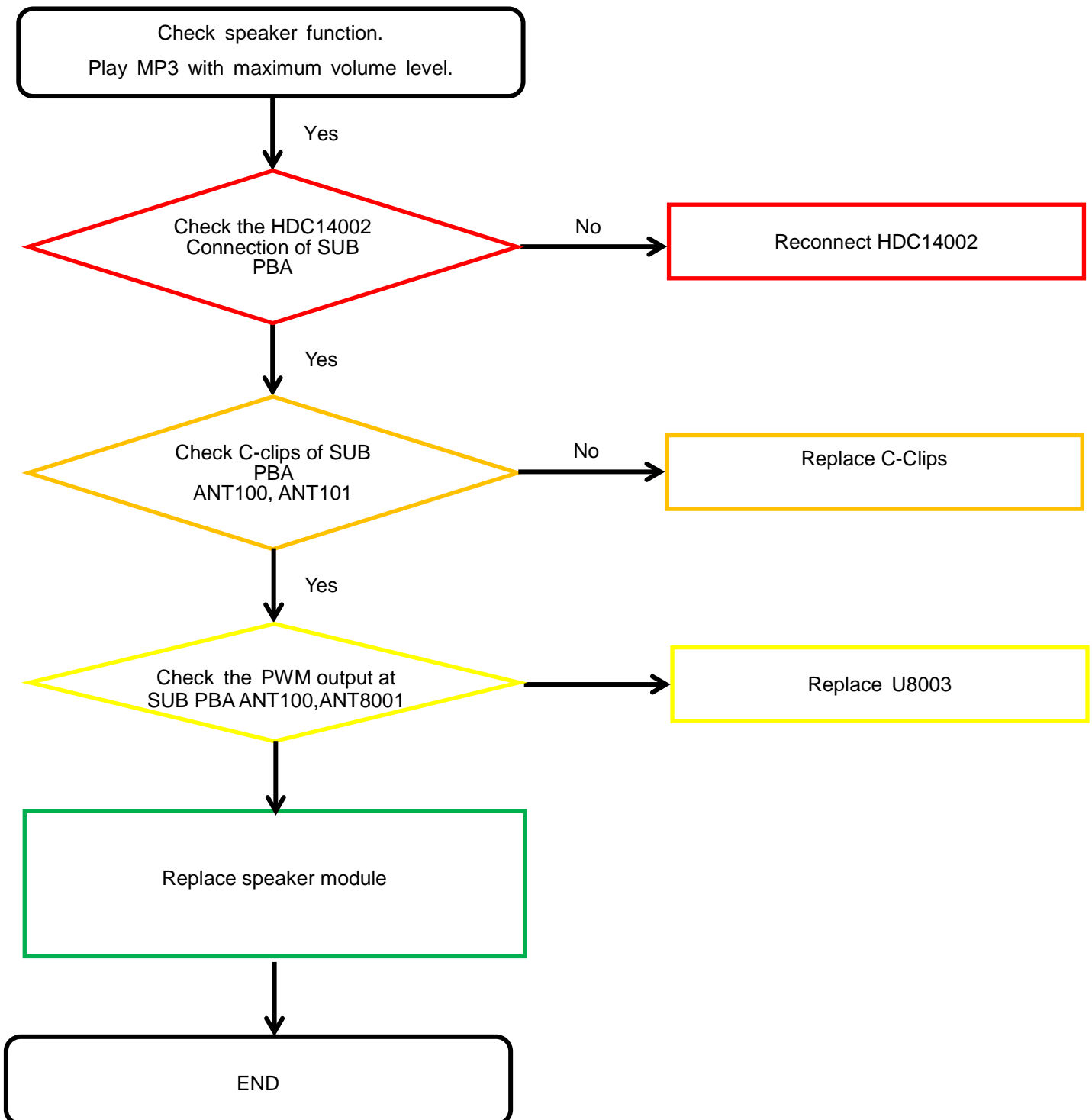
8. Level 3 Repair

8-4-9-2. Microphone Part - Sub(2nd) MIC



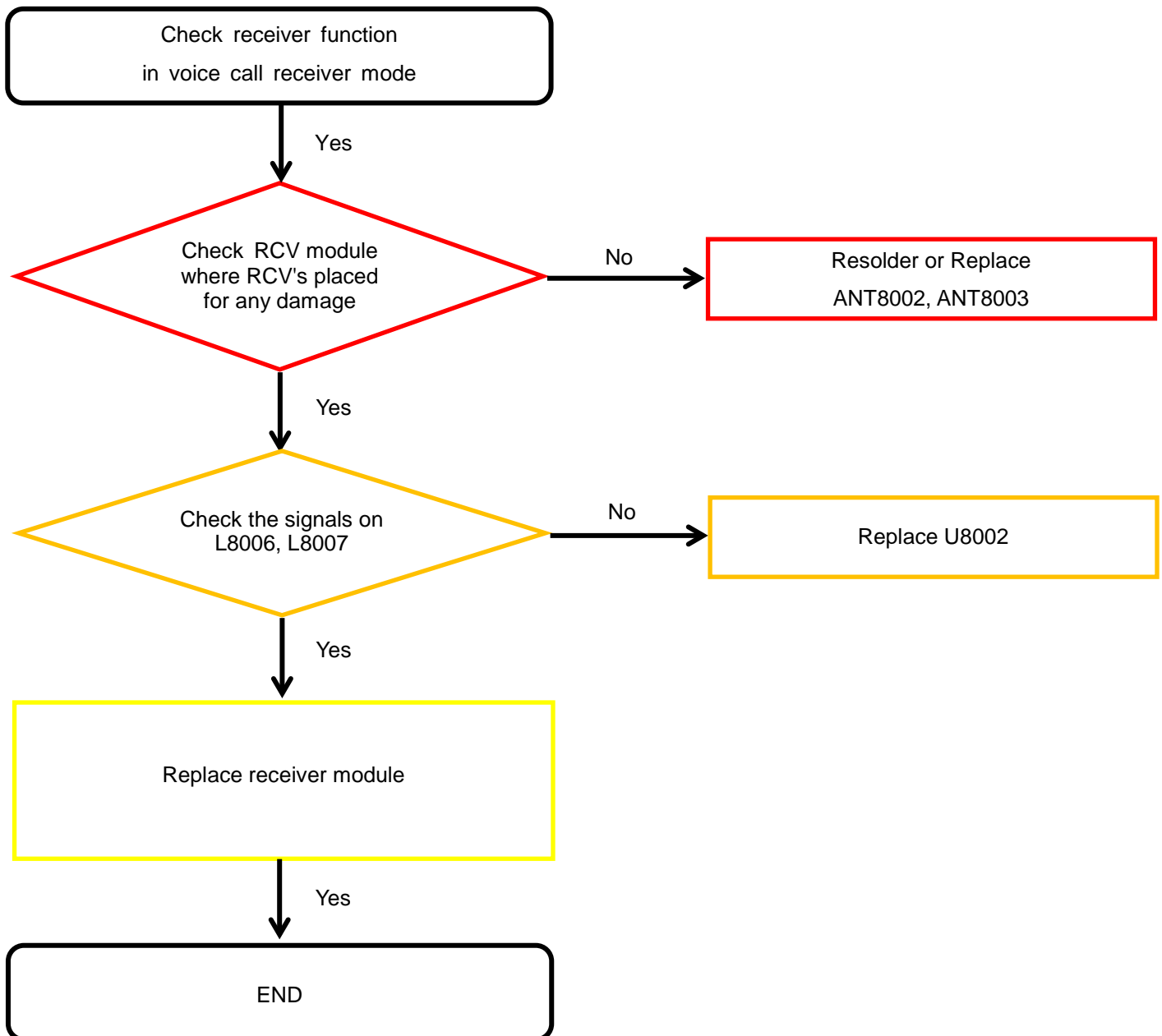
8. Level 3 Repair

8-4-10. Speaker Part



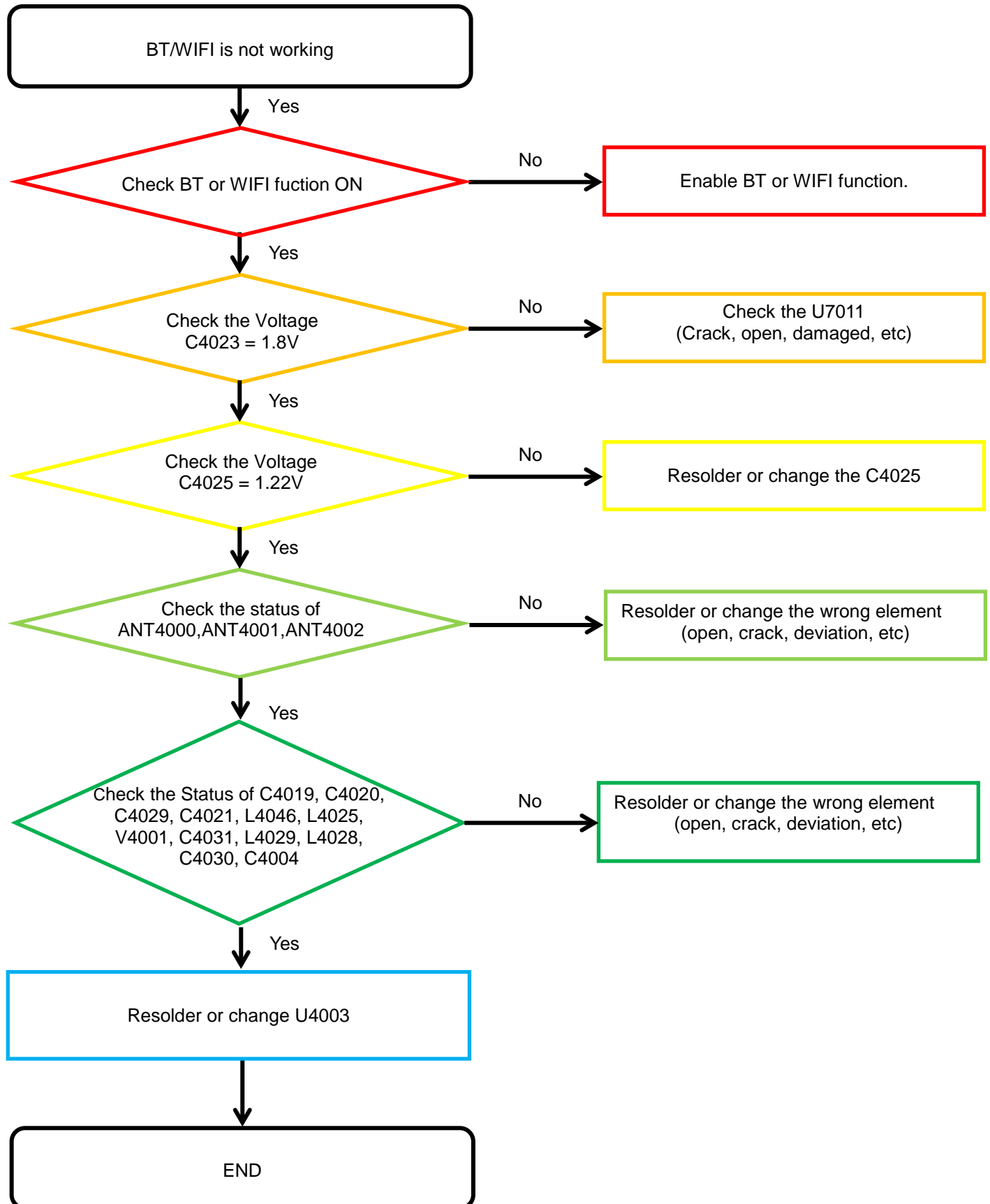
8. Level 3 Repair

8-4-11. Receiver Part



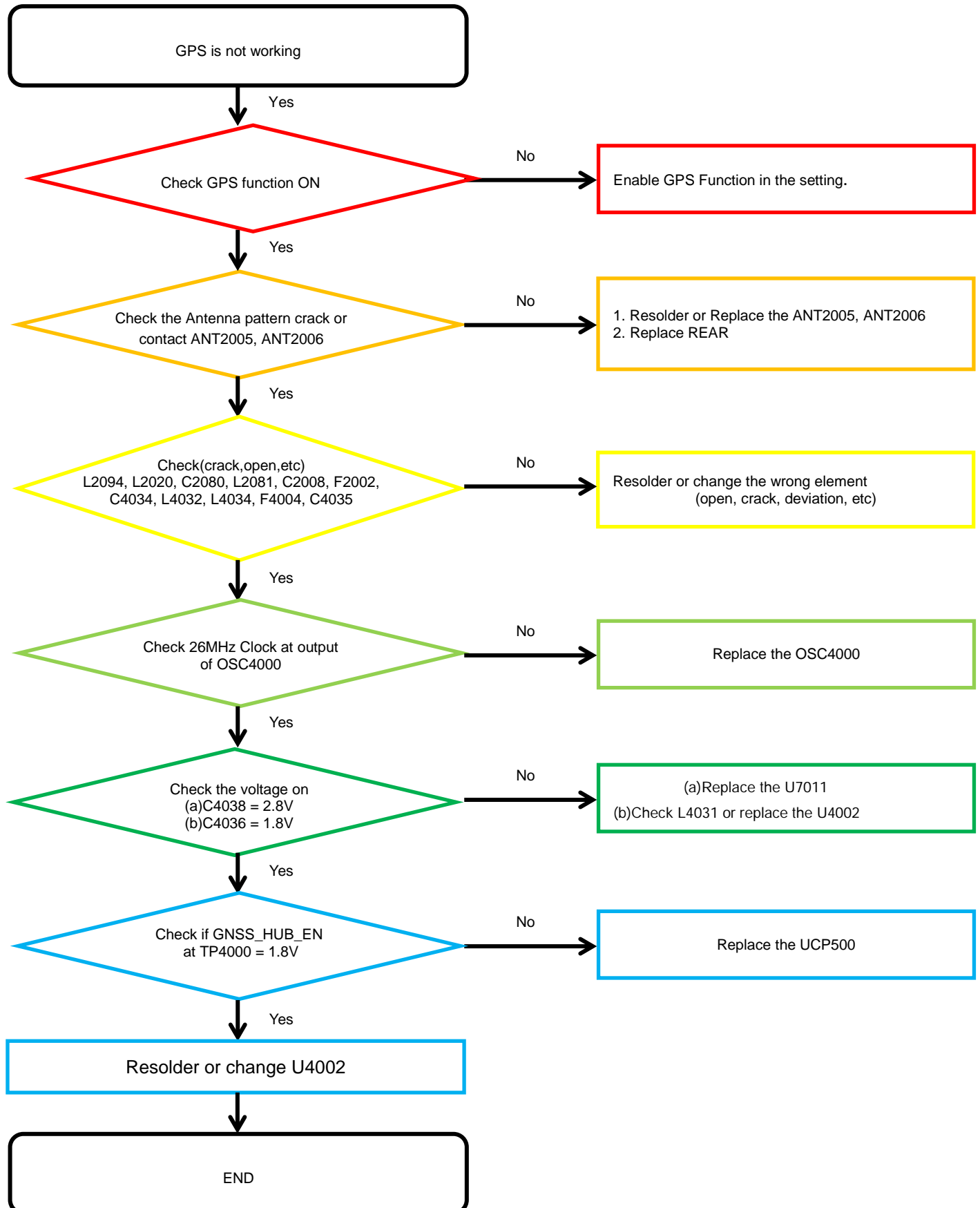
8. Level 3 Repair

8-4-12. BT/WIFI



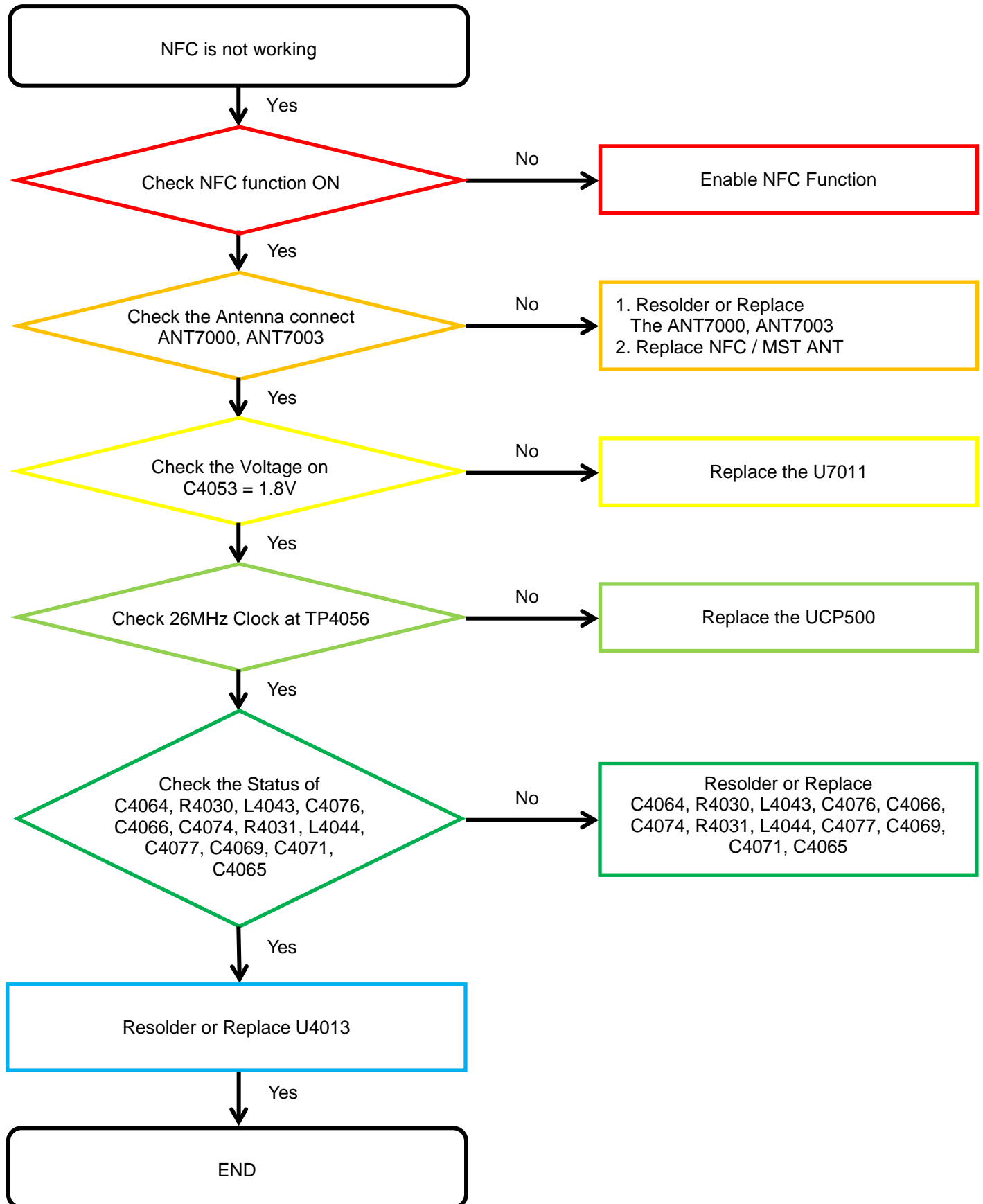
8. Level 3 Repair

8-4-13. GPS



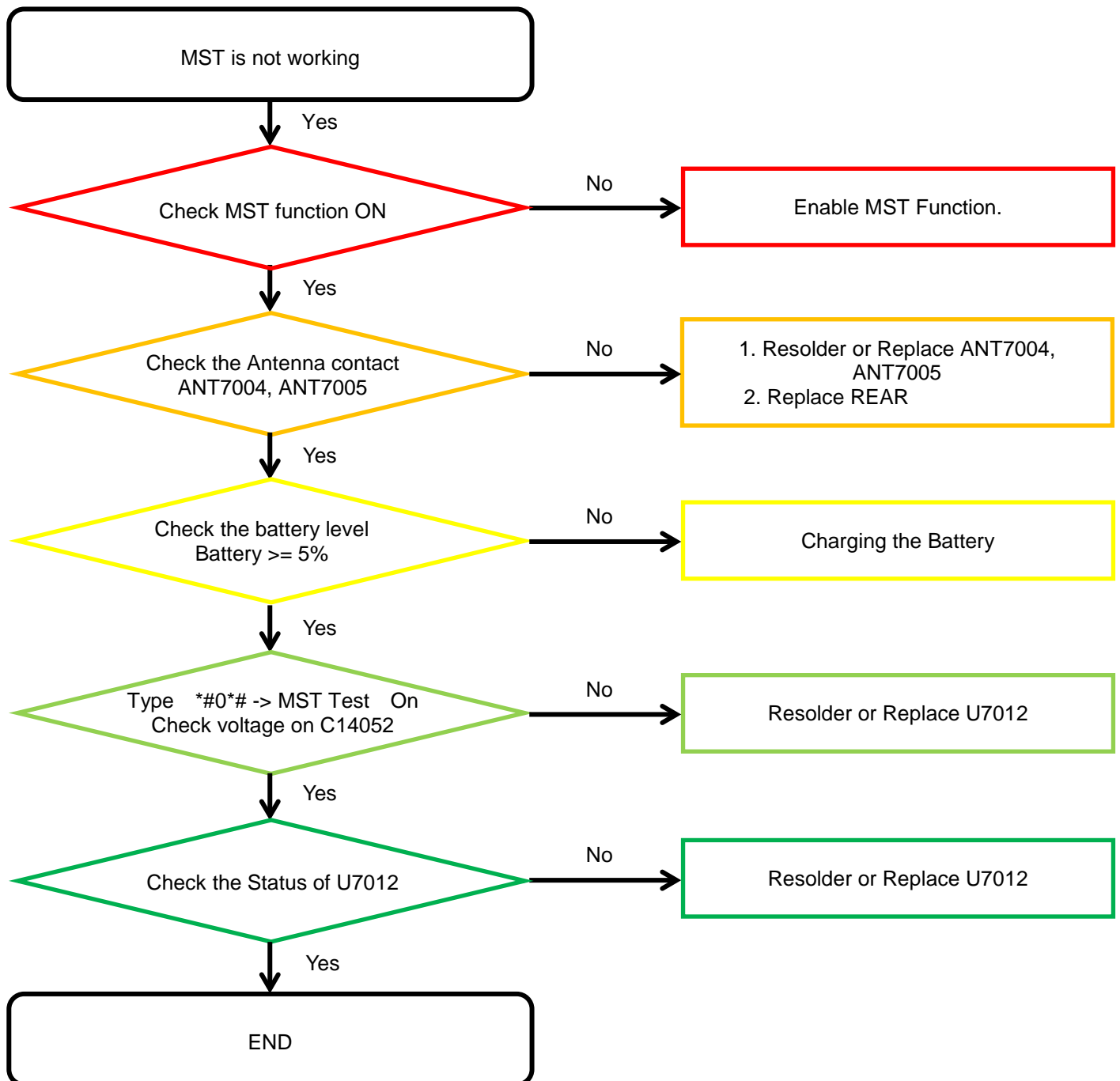
8. Level 3 Repair

8-4-14. NFC



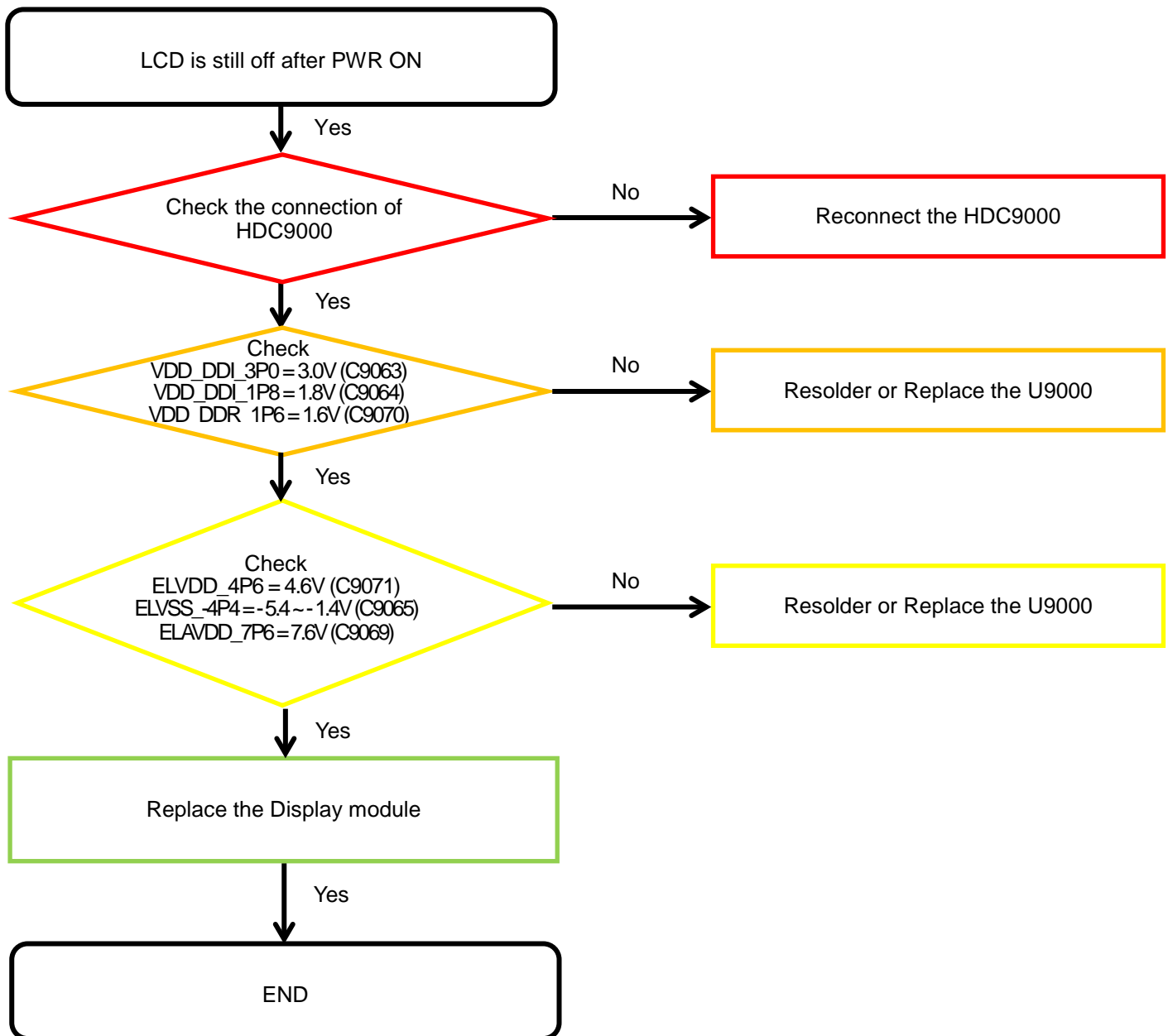
8. Level 3 Repair

8-4-15. MST



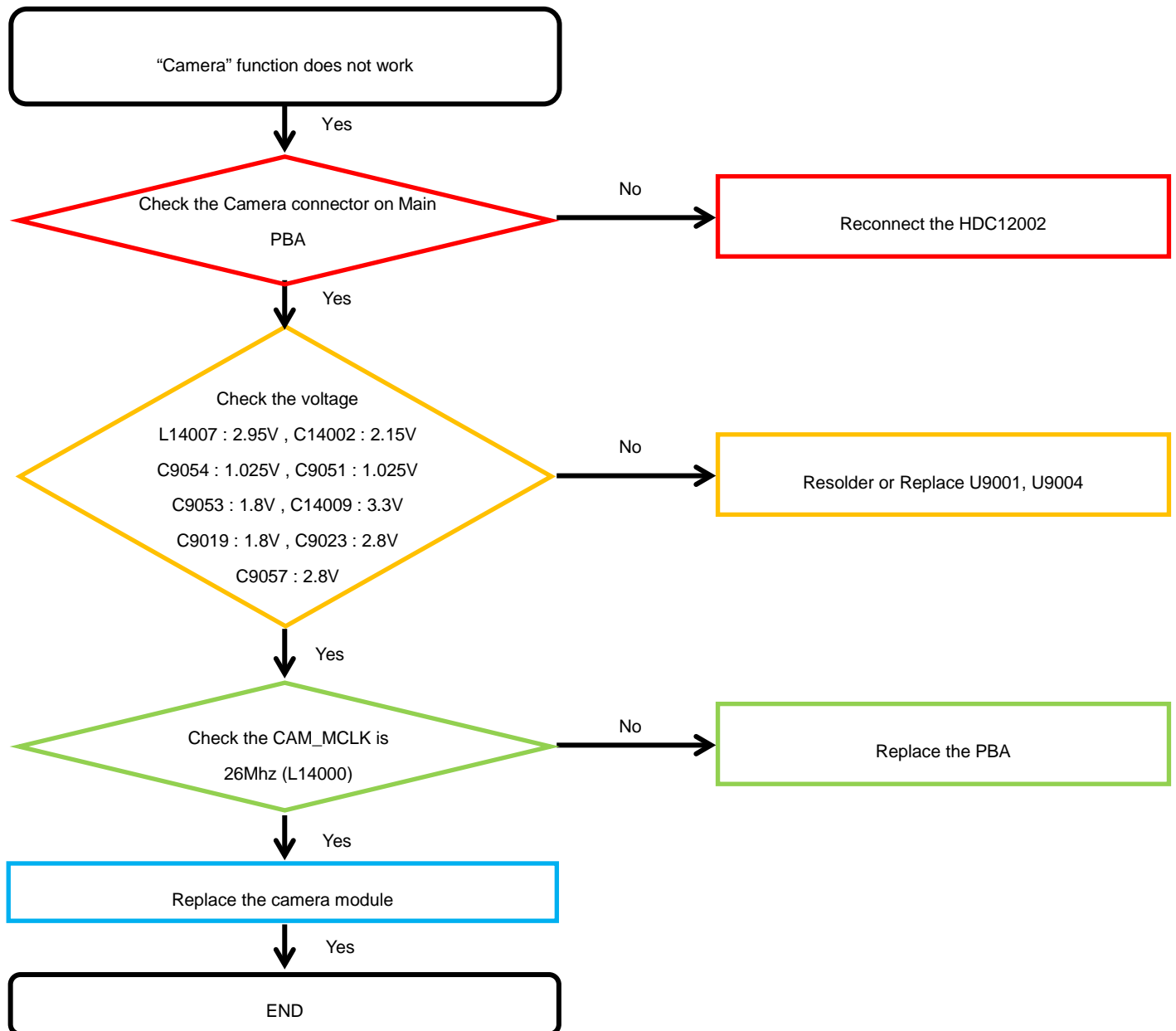
8. Level 3 Repair

8-4-16. Display



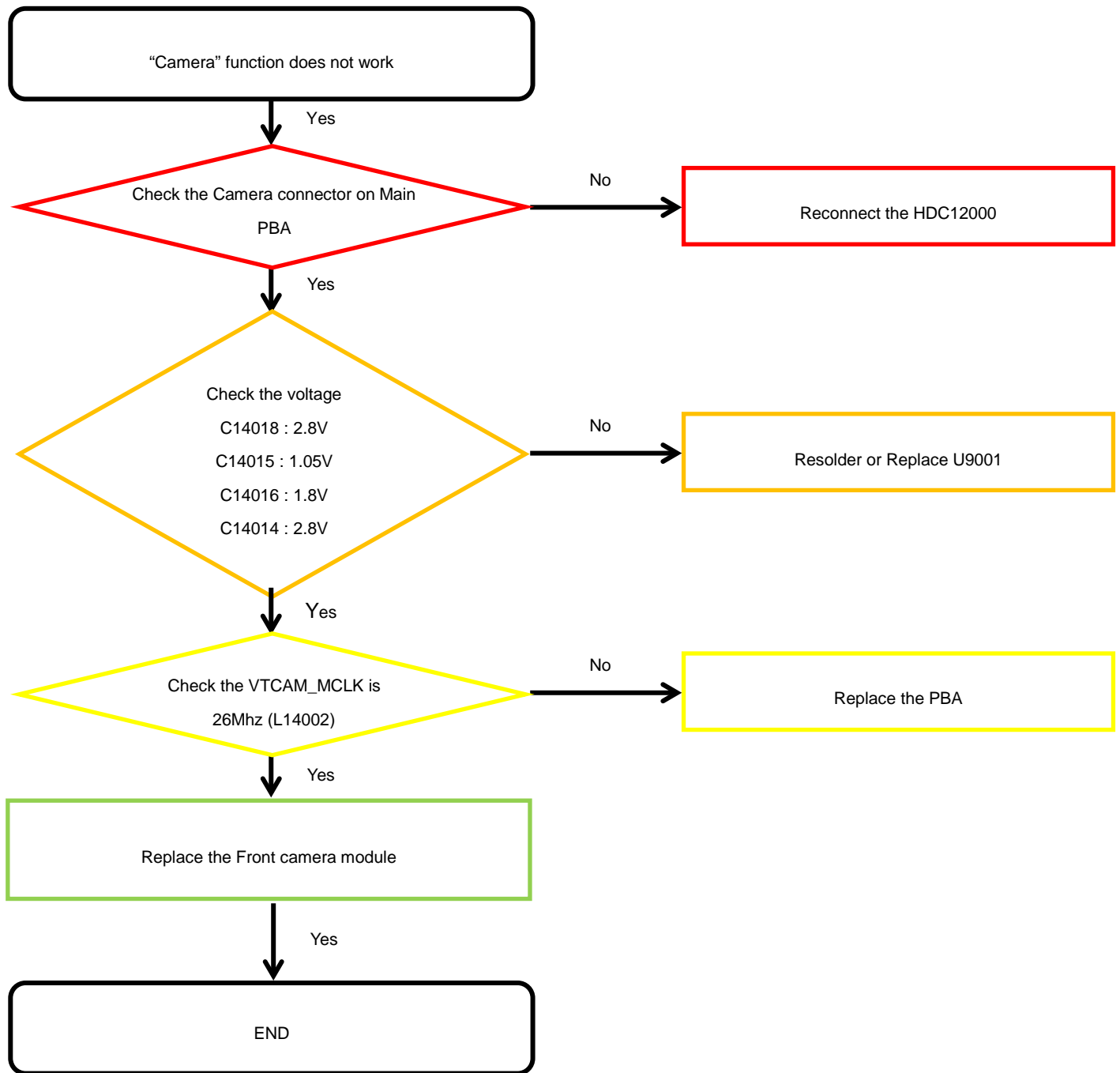
8. Level 3 Repair

8-4-17. 12M CAMERA



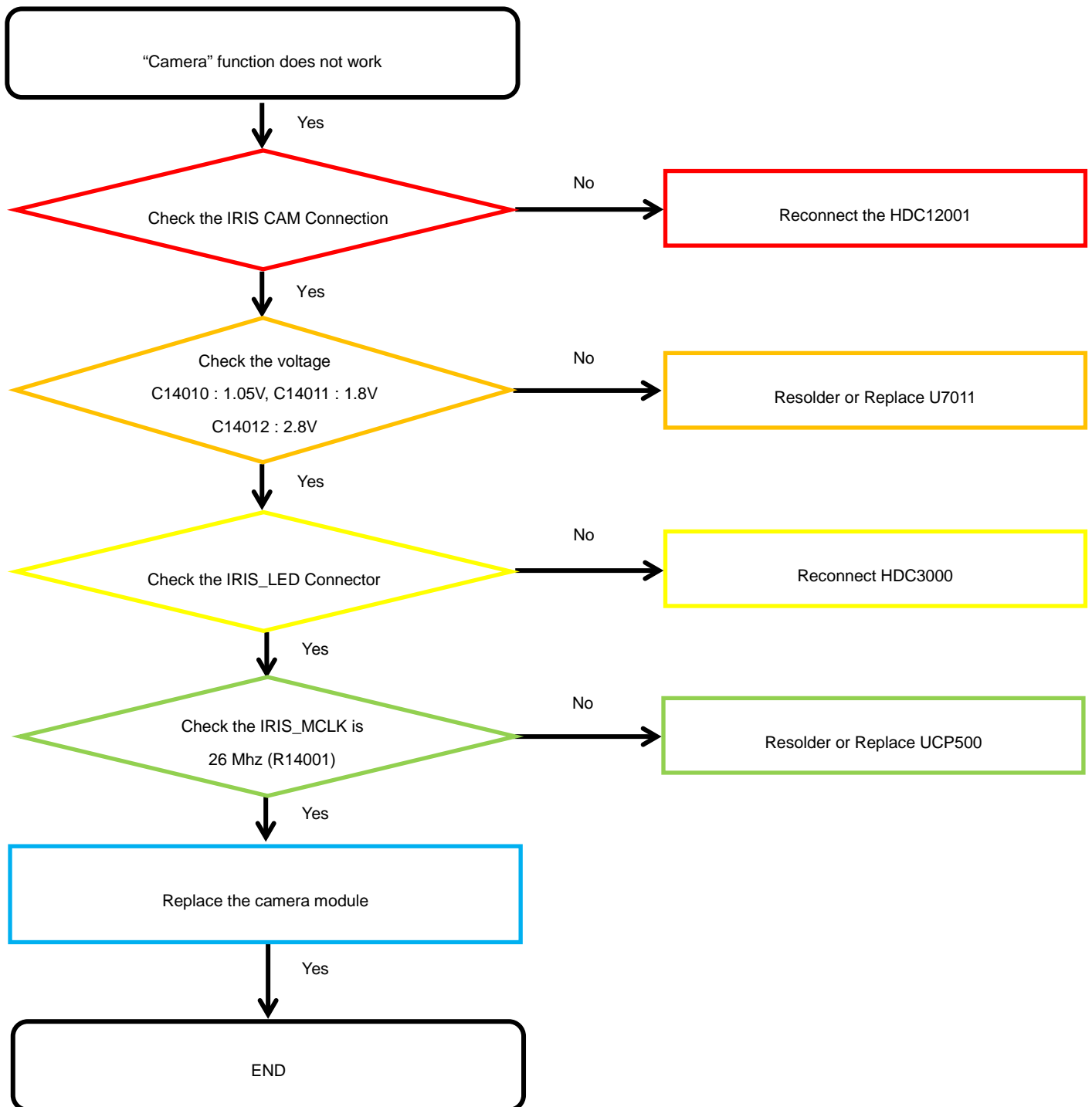
8. Level 3 Repair

8-4-18. 8M CAMERA



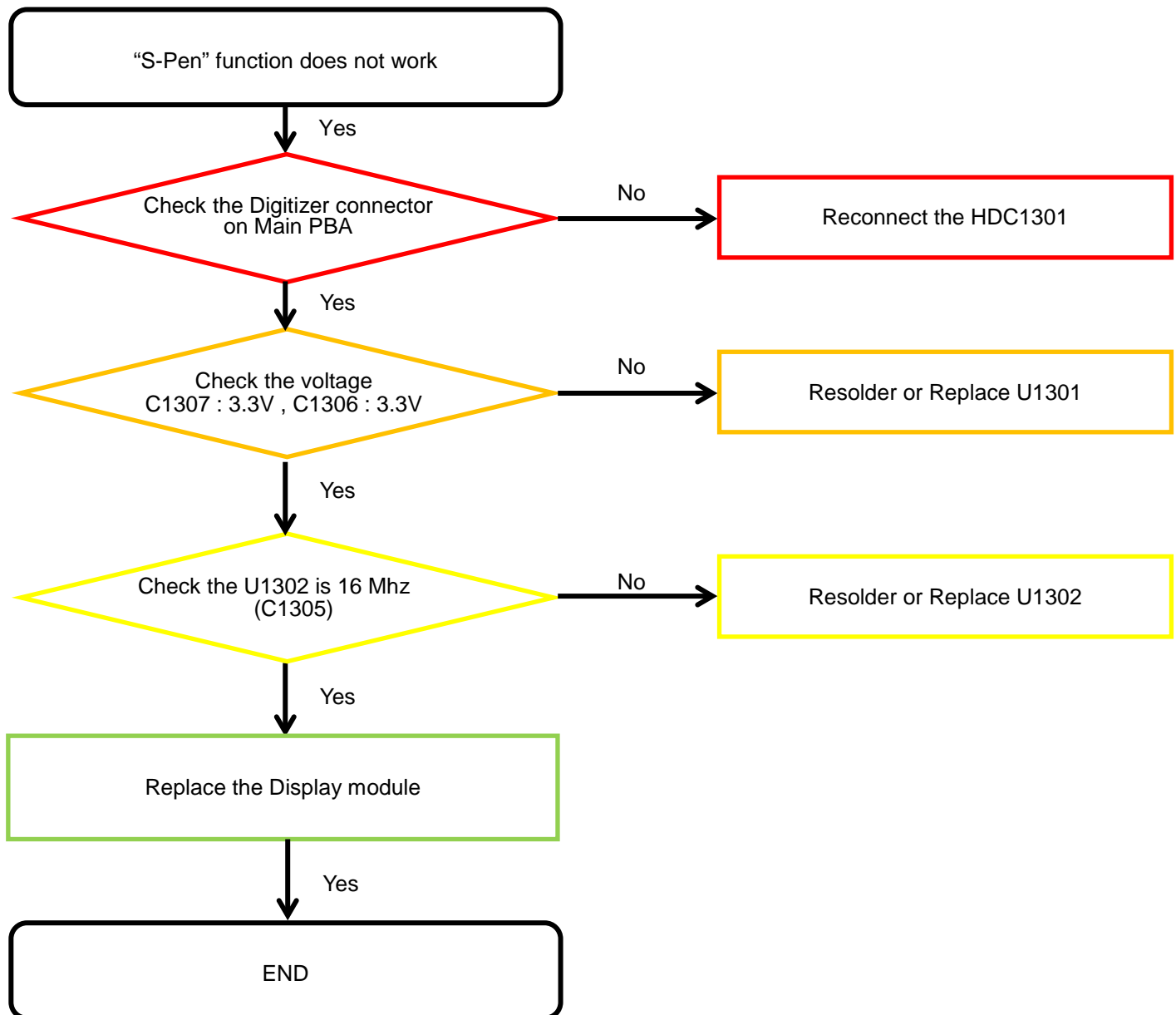
8. Level 3 Repair

8-4-19. IRIS CAM



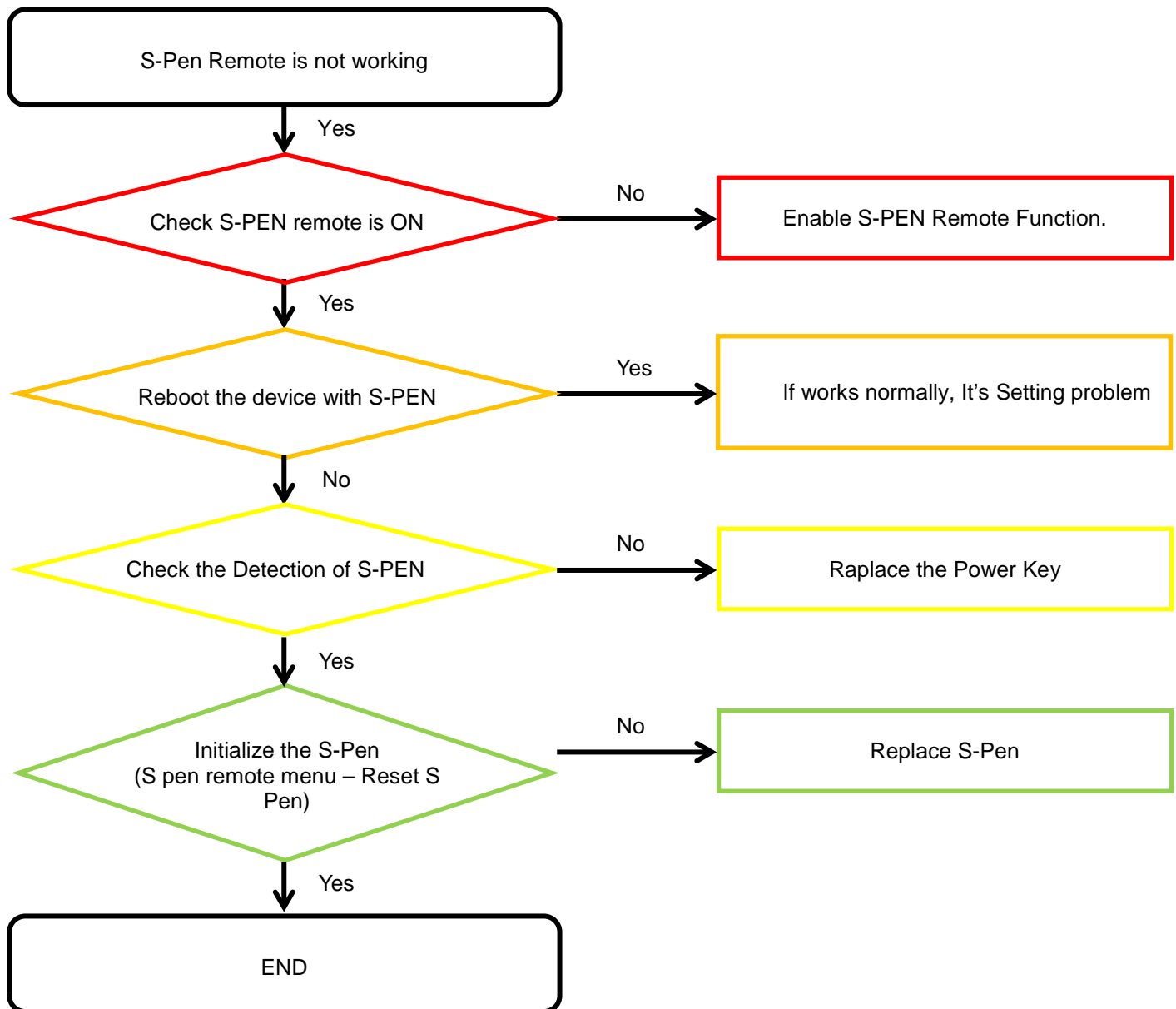
8. Level 3 Repair

8-4-20. SPEN



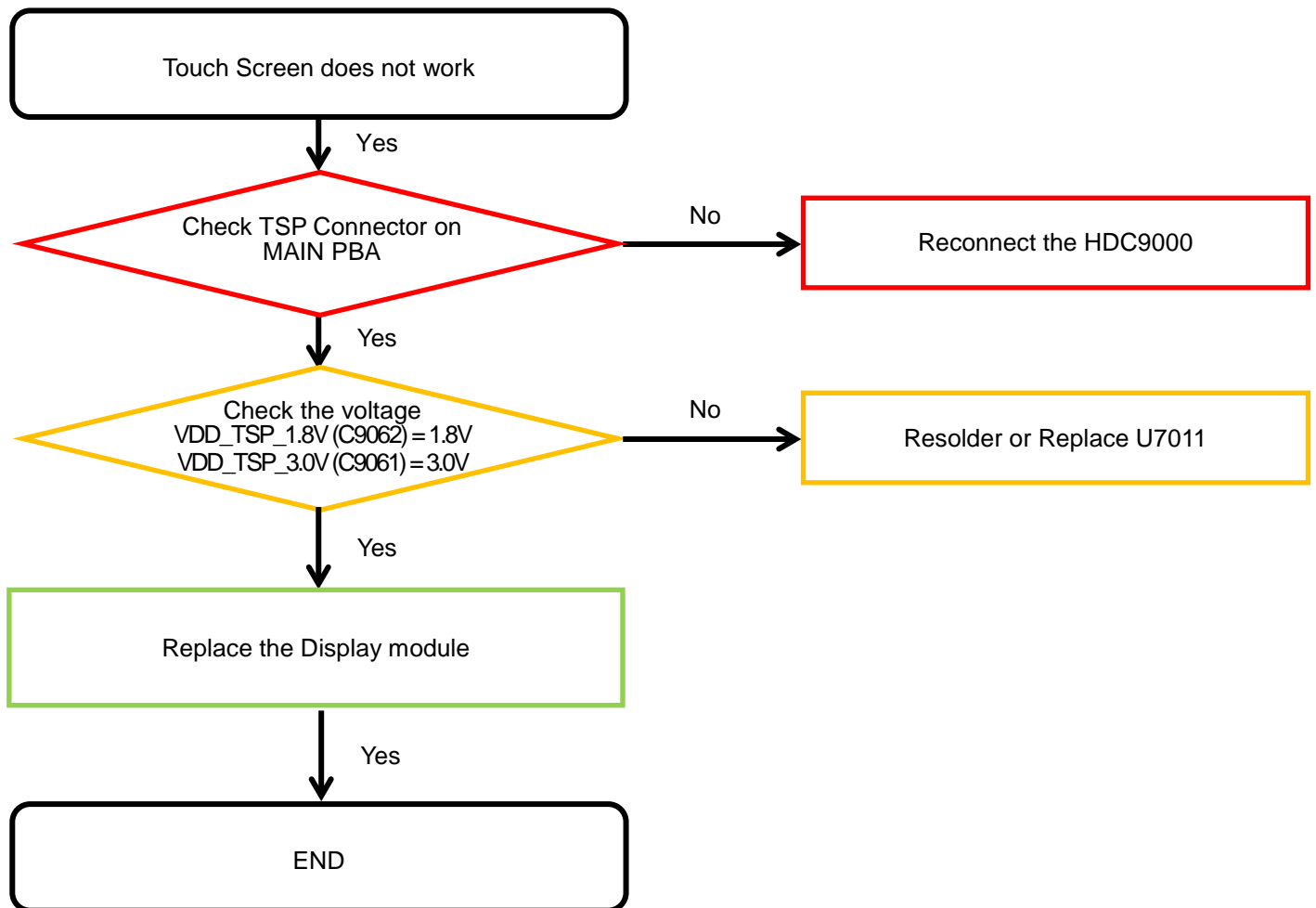
8. Level 3 Repair

8-4-21. S-Pen Remote



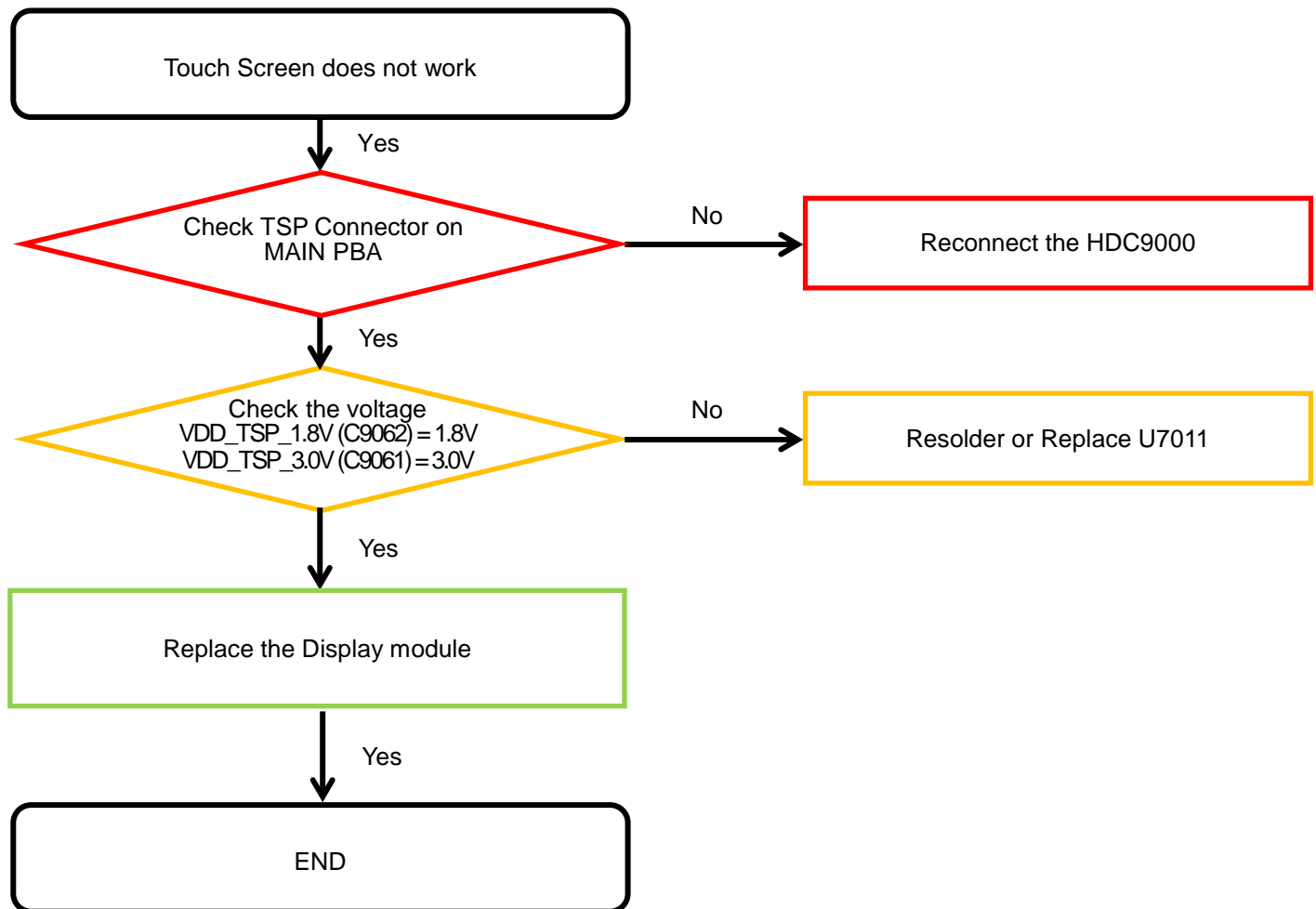
8. Level 3 Repair

8-4-22. TSP



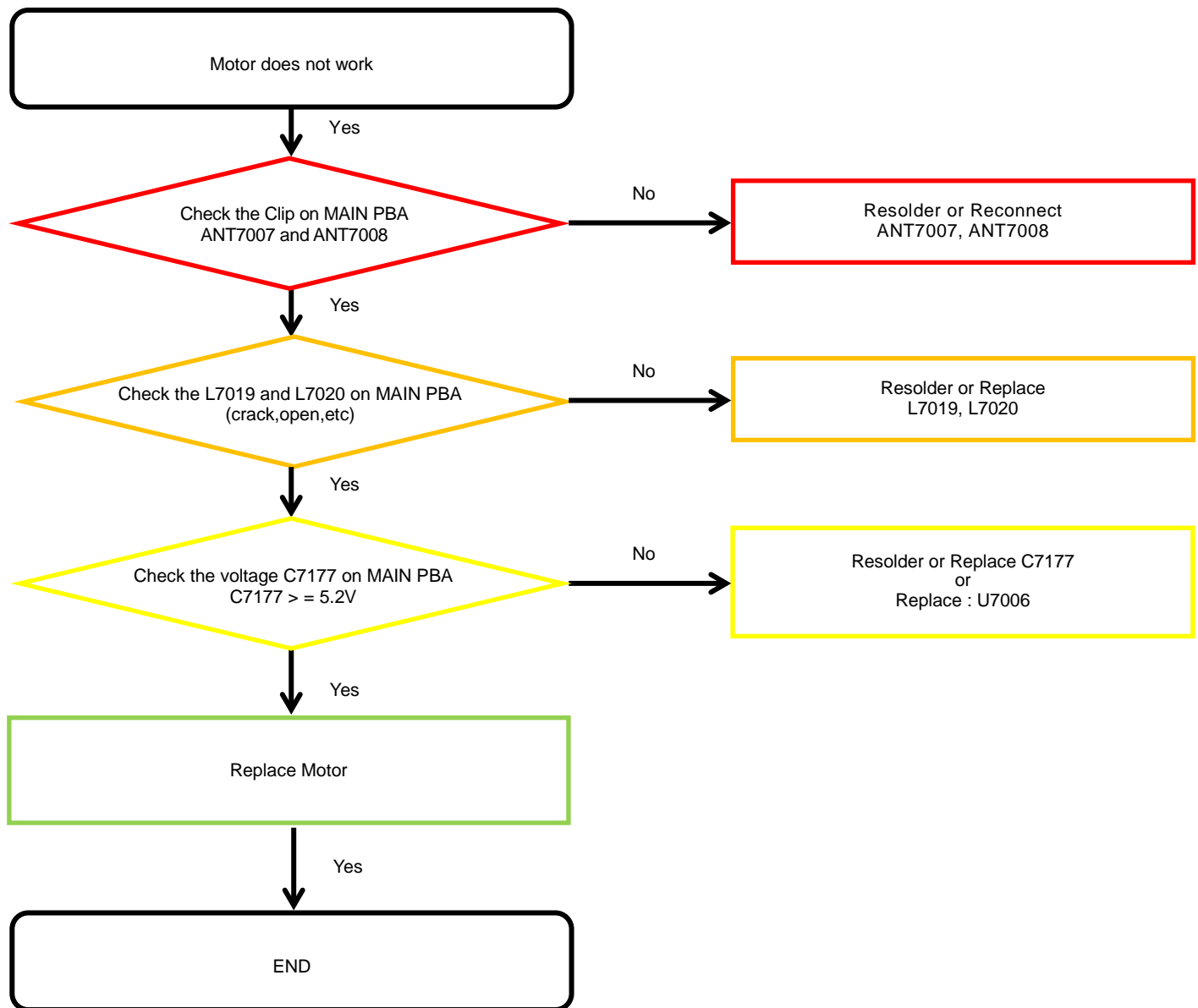
8. Level 3 Repair

8-4-23. Pressure Touch (Home Button function)



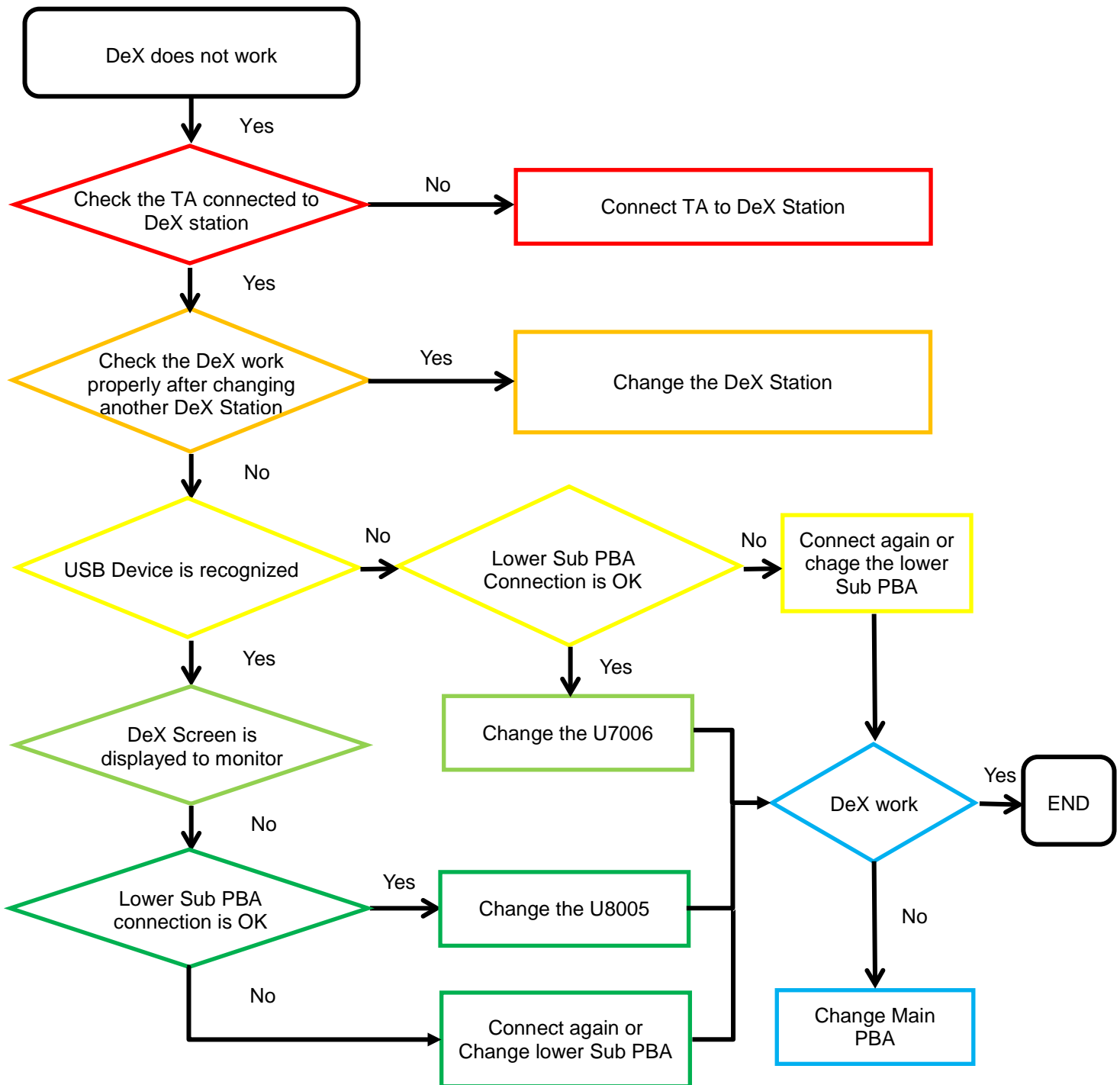
8. Level 3 Repair

8-4-24. Motor



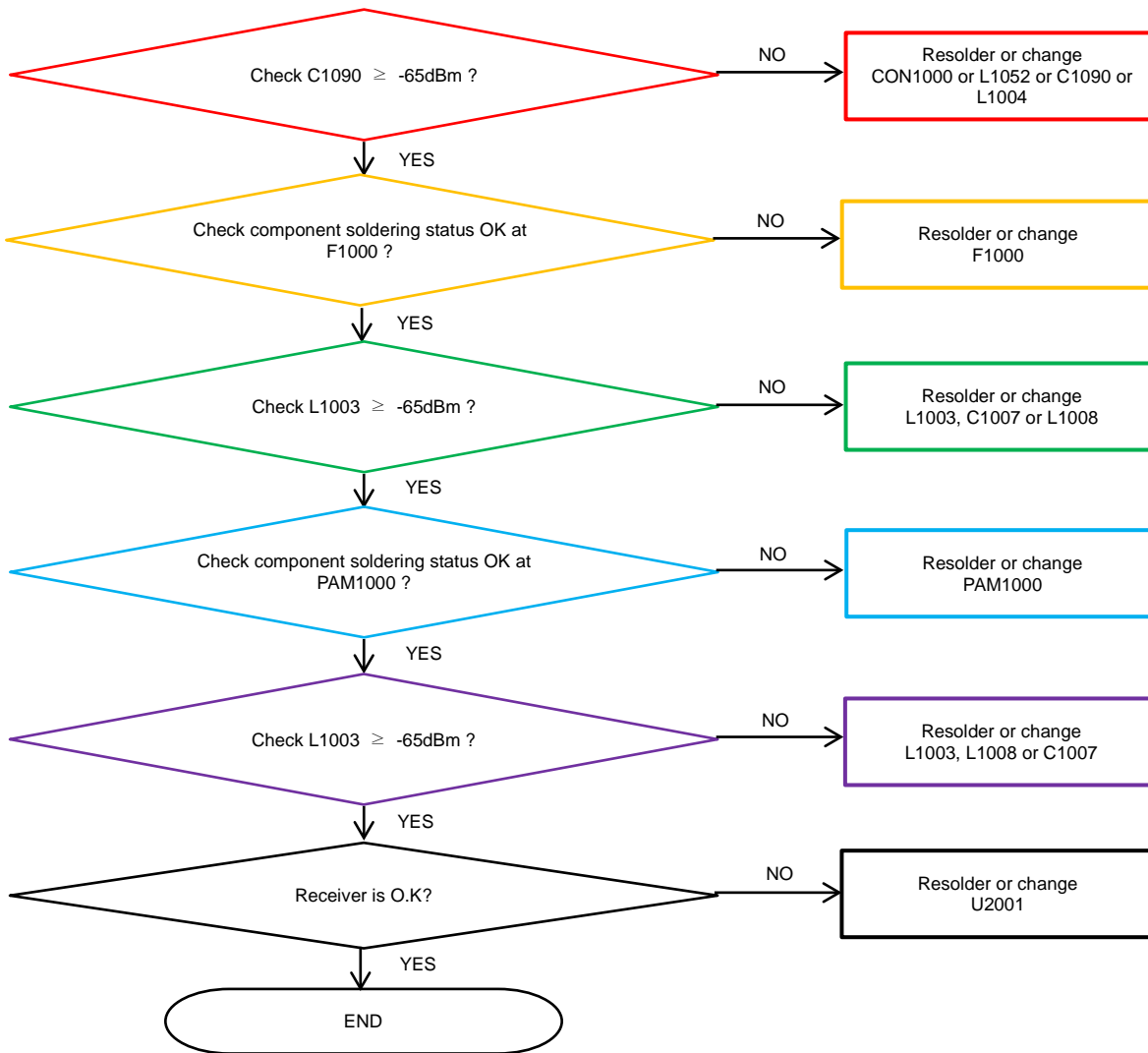
8. Level 3 Repair

8-4-25. DeX Station



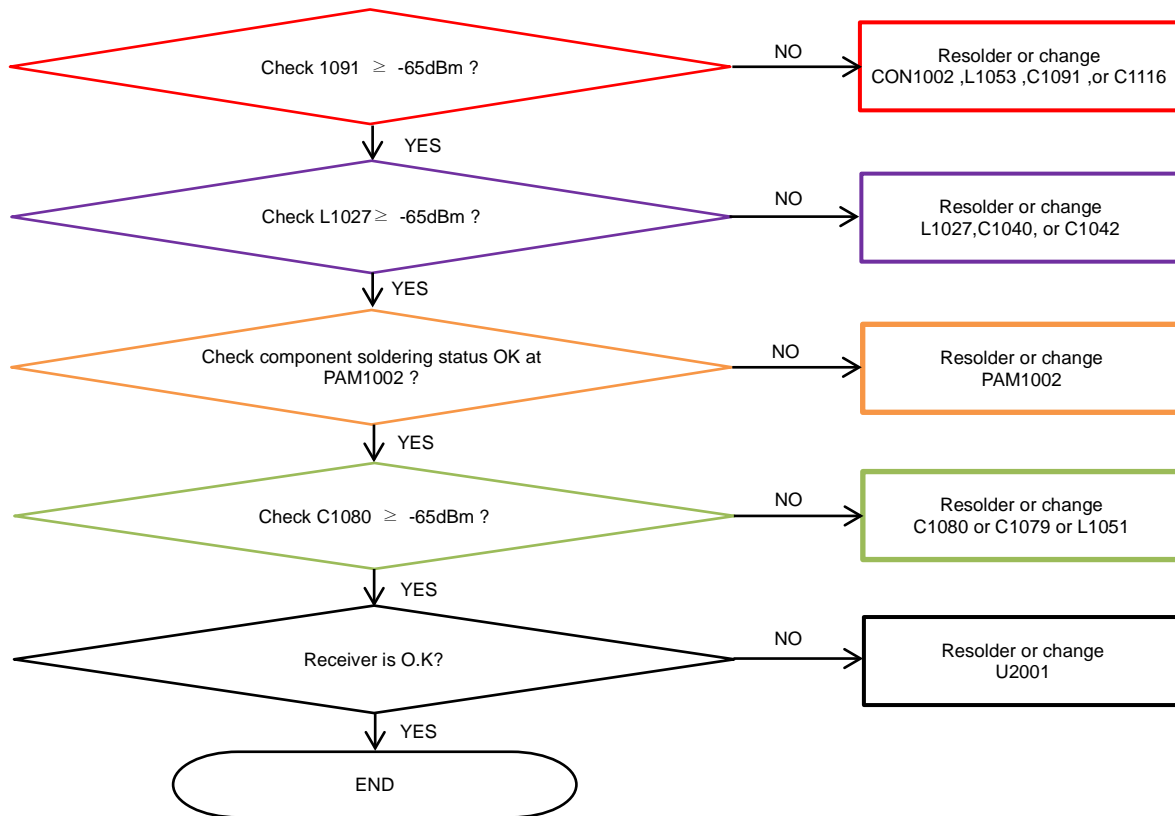
8. Level 3 Repair

8-4-26. GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/18/19/20/26/28 PRx



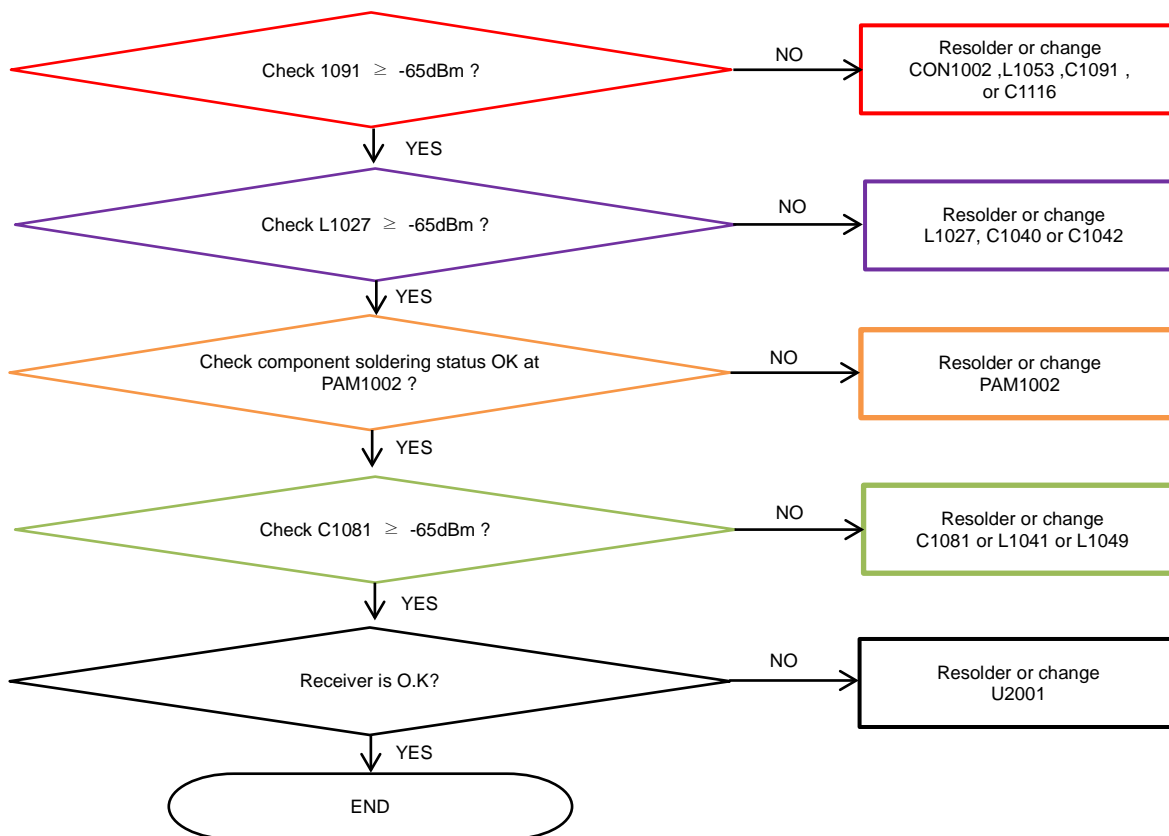
8. Level 3 Repair

8-4-27. LTE 7/38/40/41 PRx



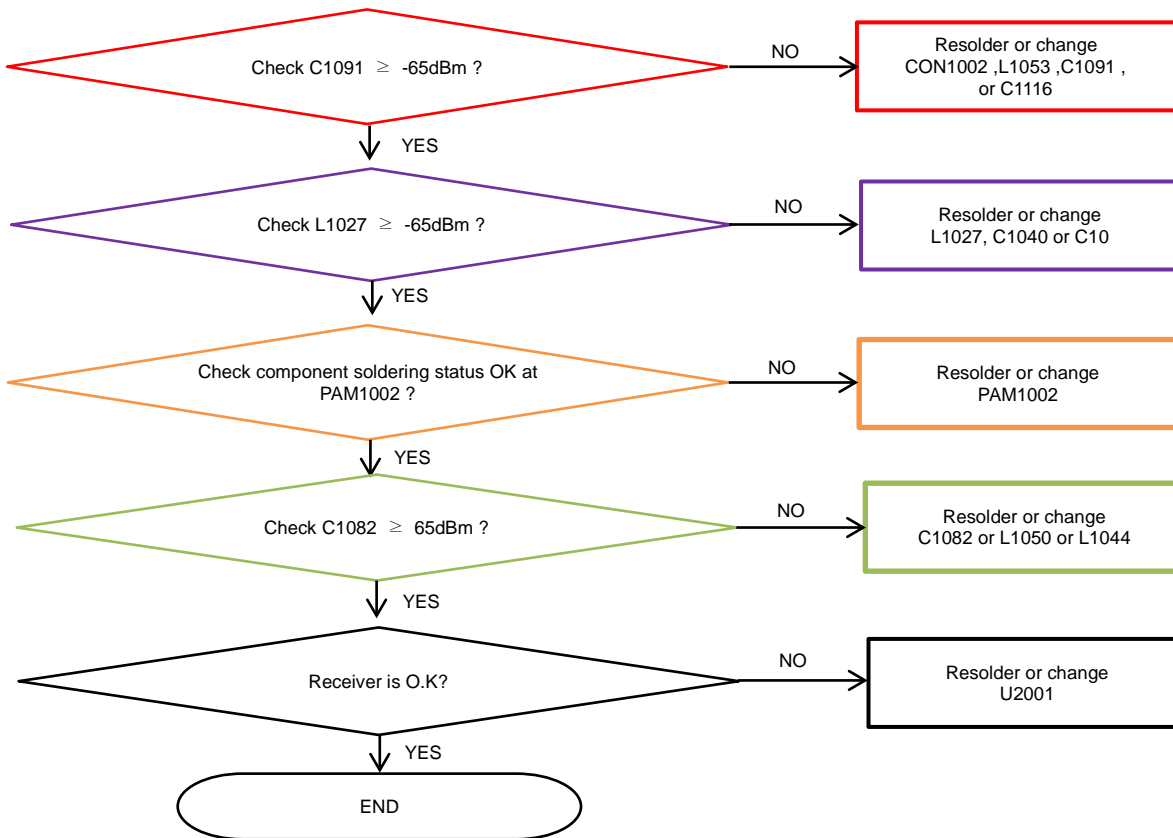
8. Level 3 Repair

8-4-28. DCS1800/PCS1900, WCDMA B2, LTE B2/3/25 PRx



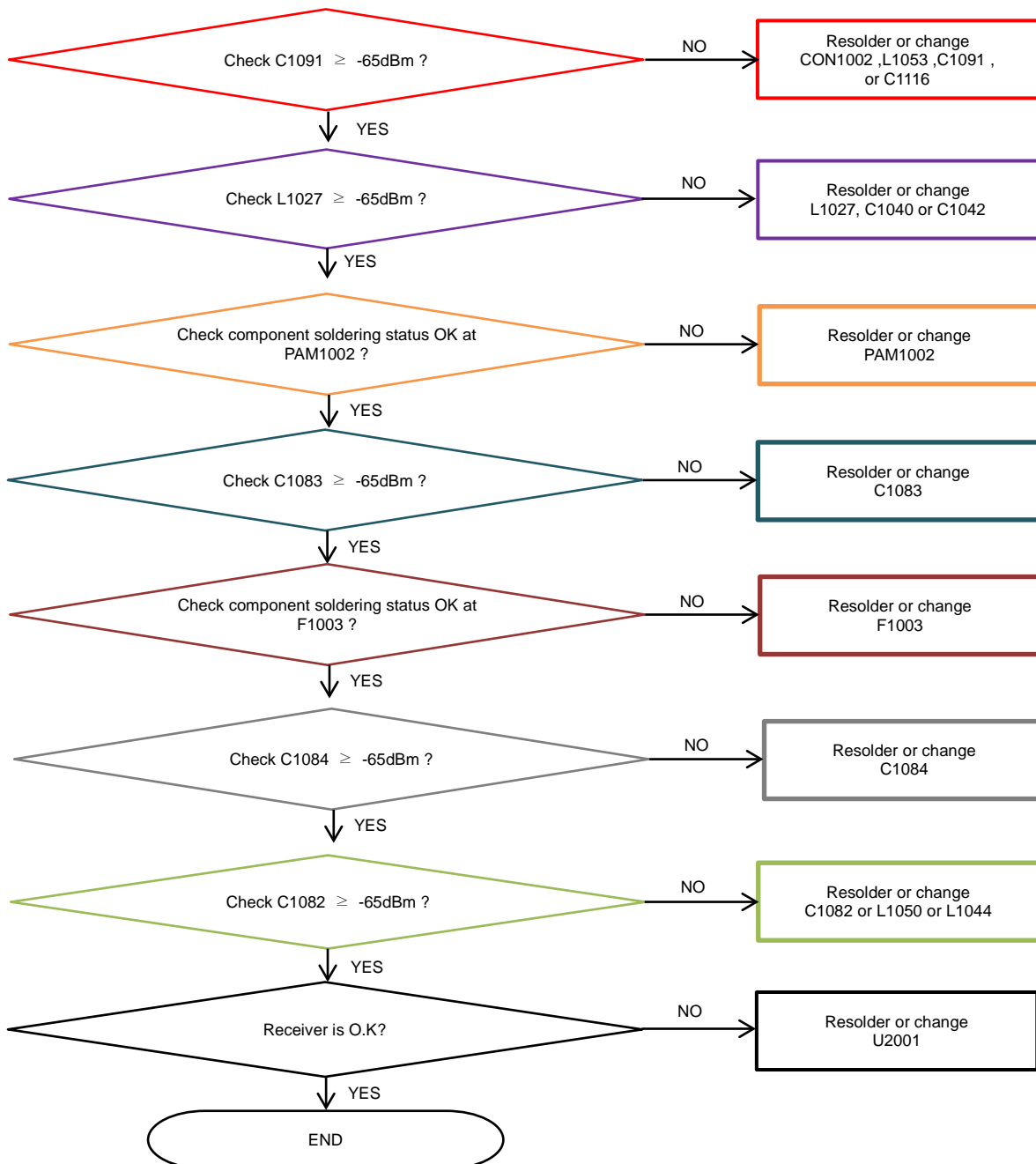
8. Level 3 Repair

8-4-29. WCDMA B1/4, TDSCDMA B39, LTE B1/4/39/66 PRx



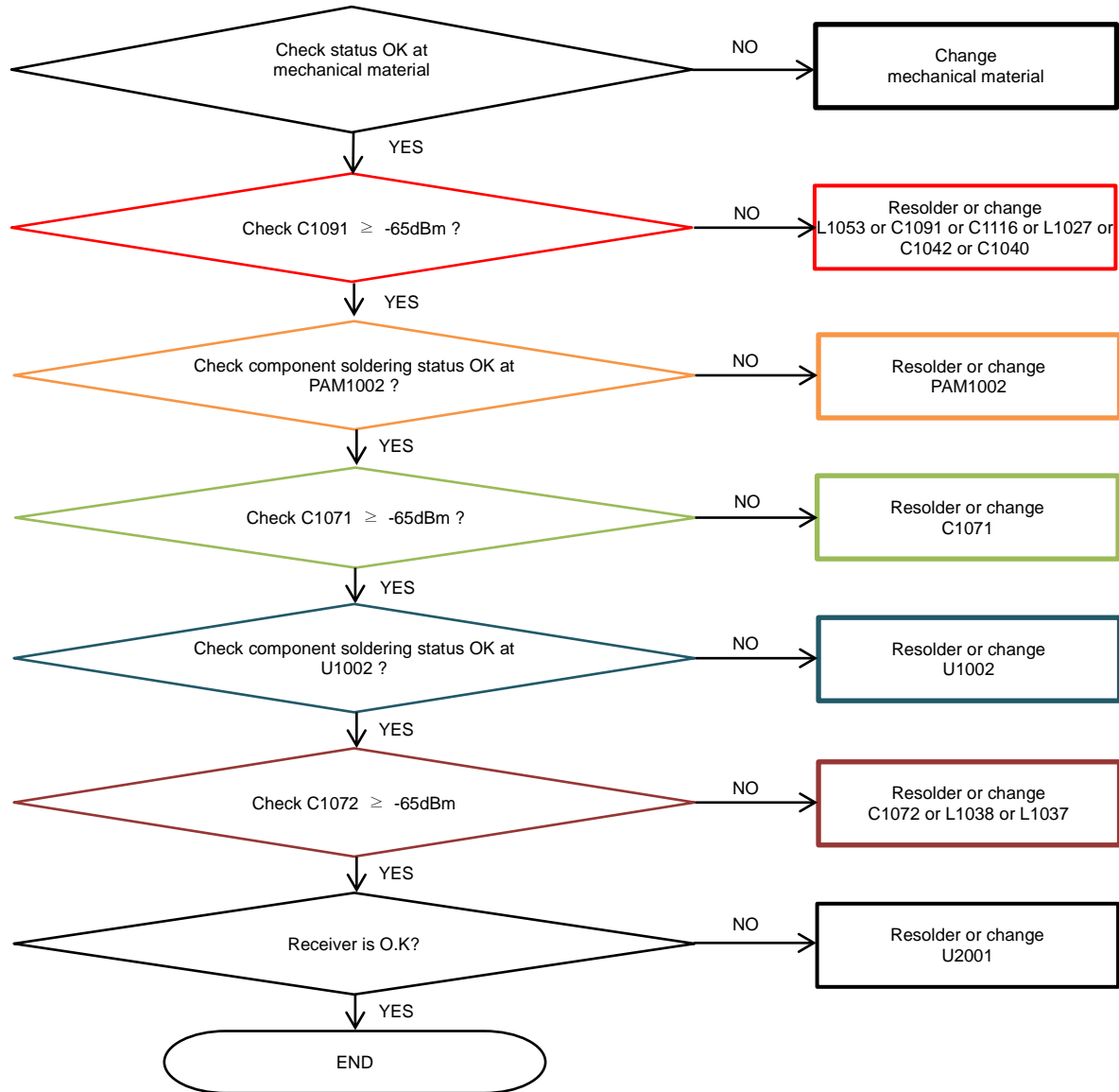
8. Level 3 Repair

8-4-30. TDSCDMA B34 PRx



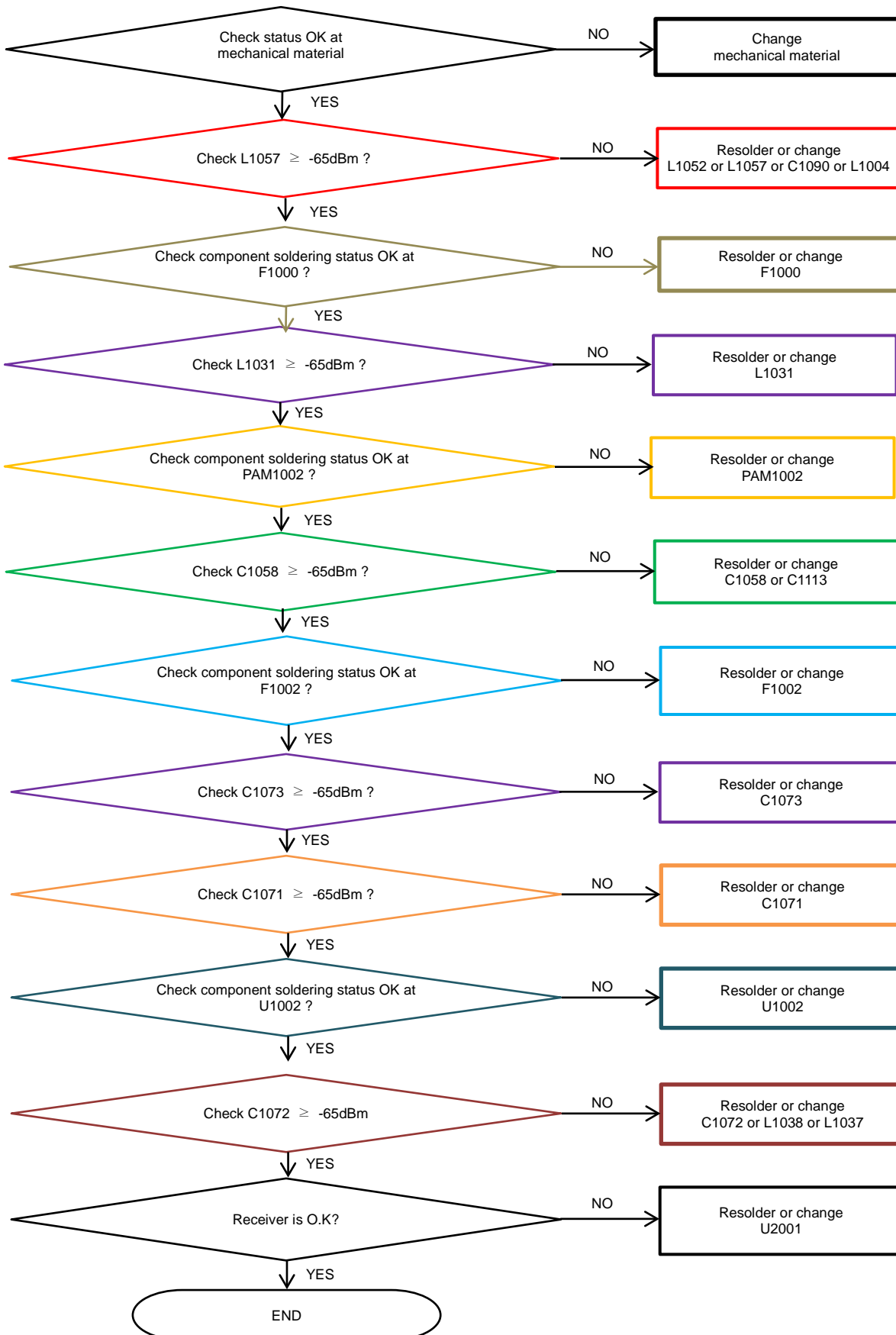
8. Level 3 Repair

8-4-31. LTE B32 PRx



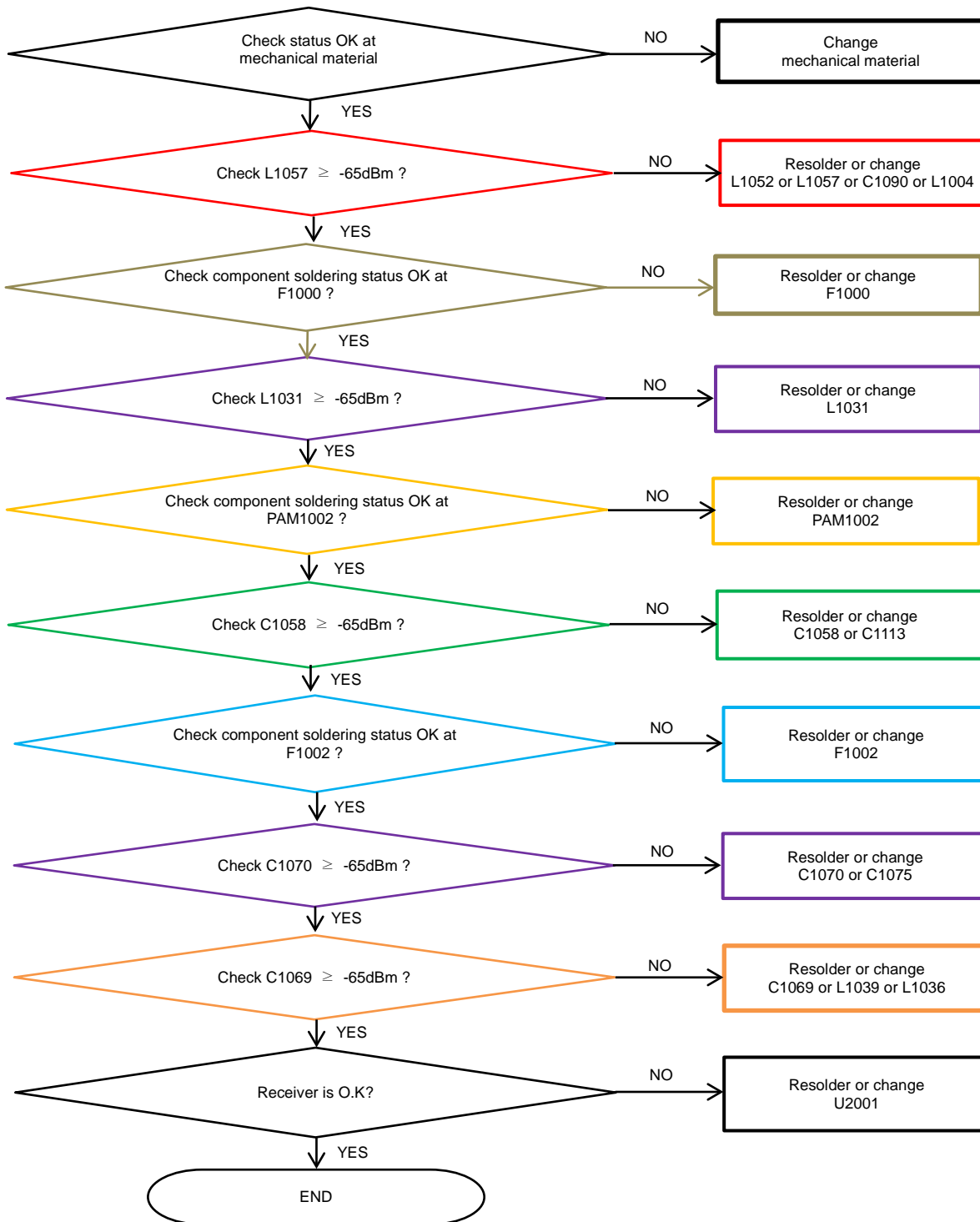
8. Level 3 Repair

8-4-32. LTE B1/4 4Rx_PRx



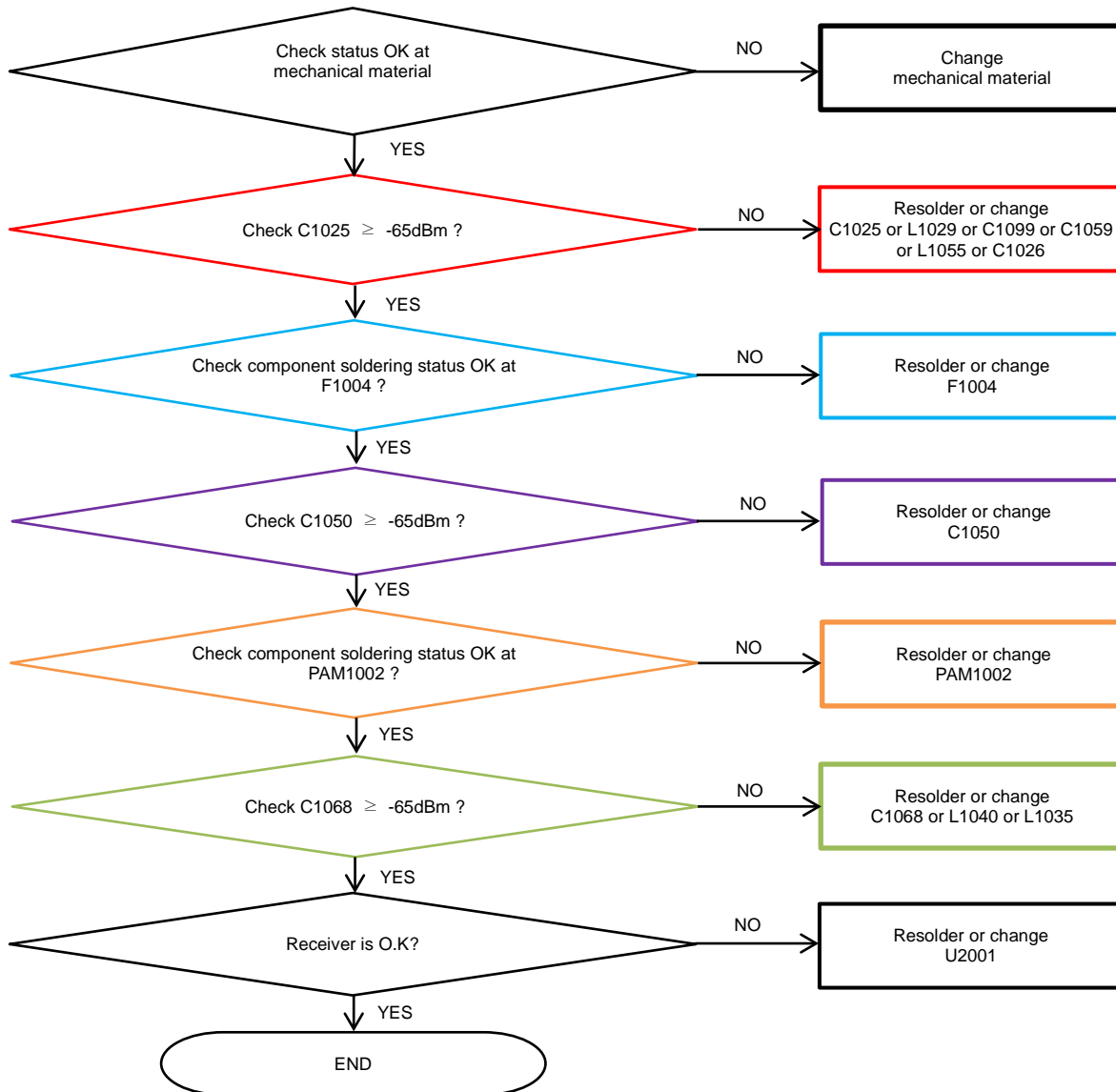
8. Level 3 Repair

8-4-33. LTE B3 4Rx_PRx



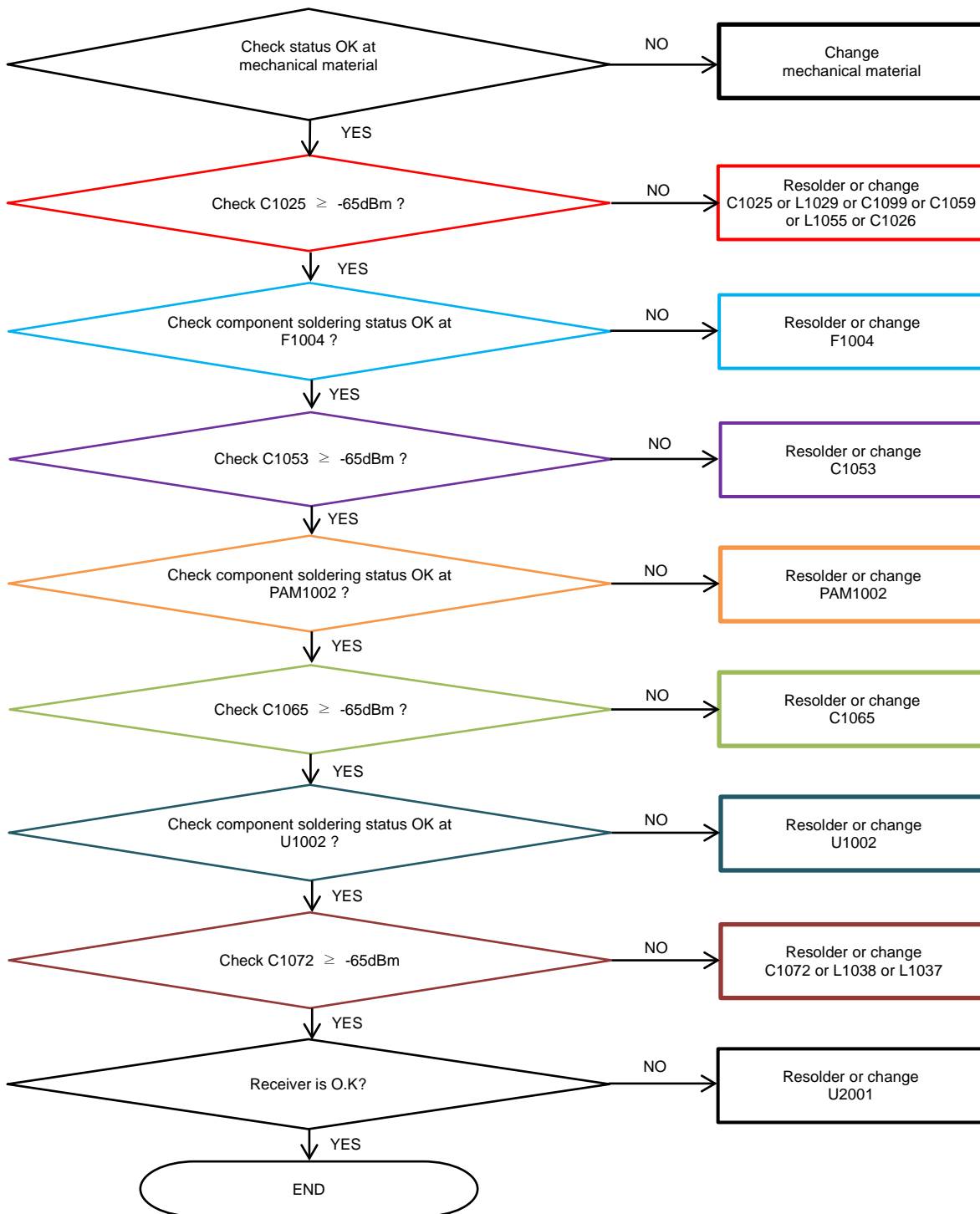
8. Level 3 Repair

8-4-34. LTE B7 4Rx_PRx



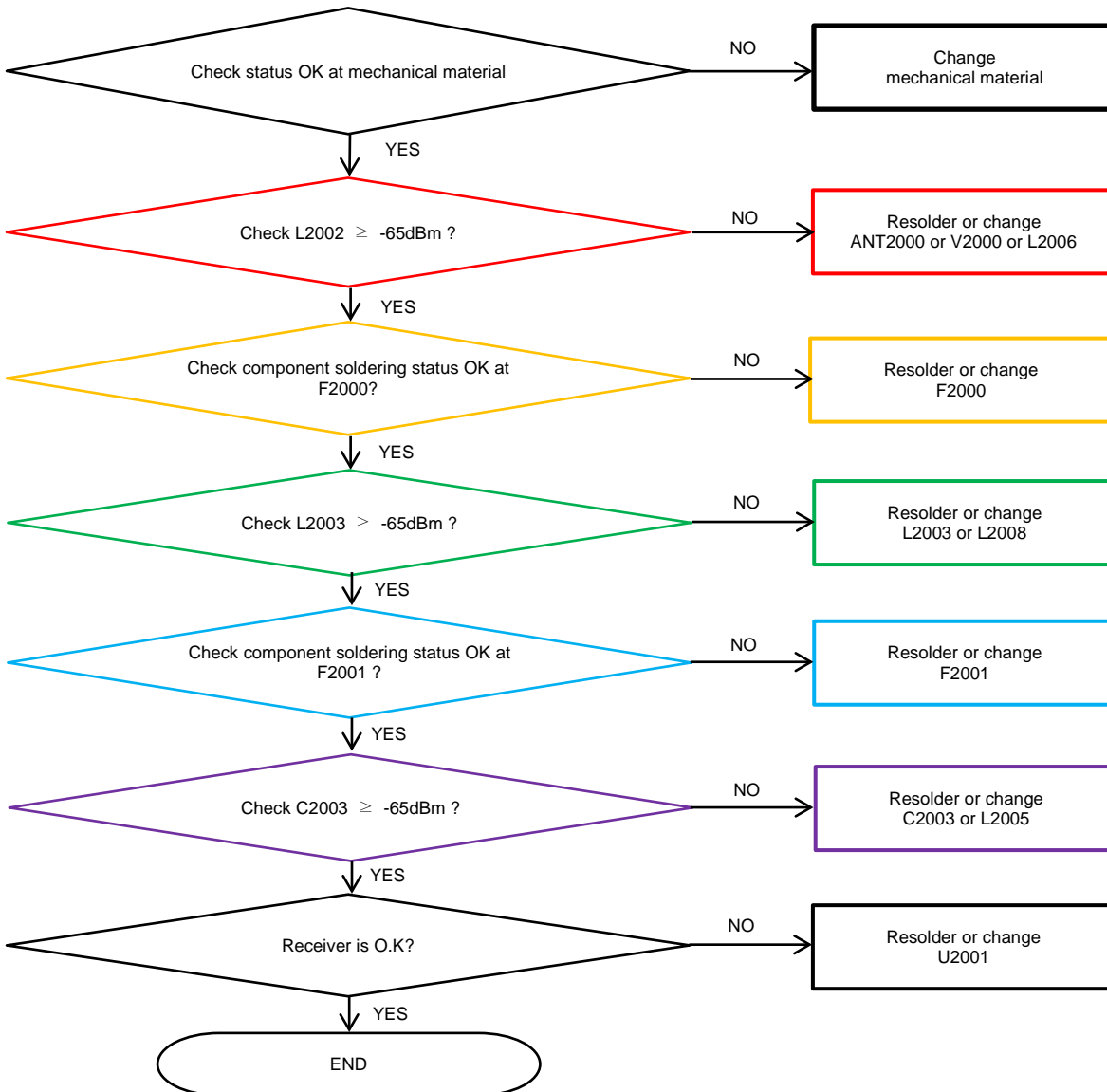
8. Level 3 Repair

8-4-35. LTE 40 4Rx_PRx



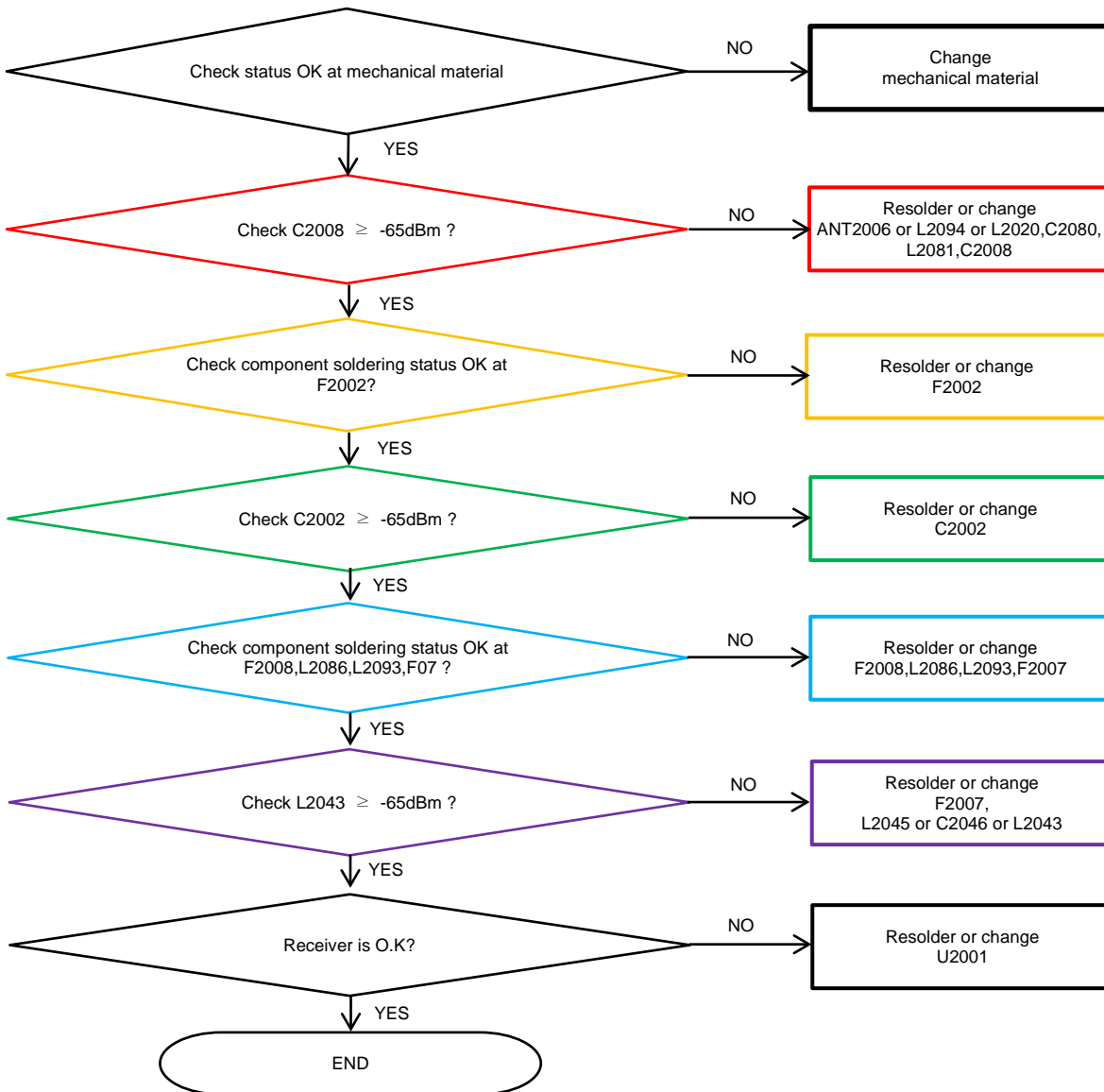
8. Level 3 Repair

8-4-36. GSM850/900, WCDMA B5/8, LTE B5/8/12/13/17/18/19/20/26/28



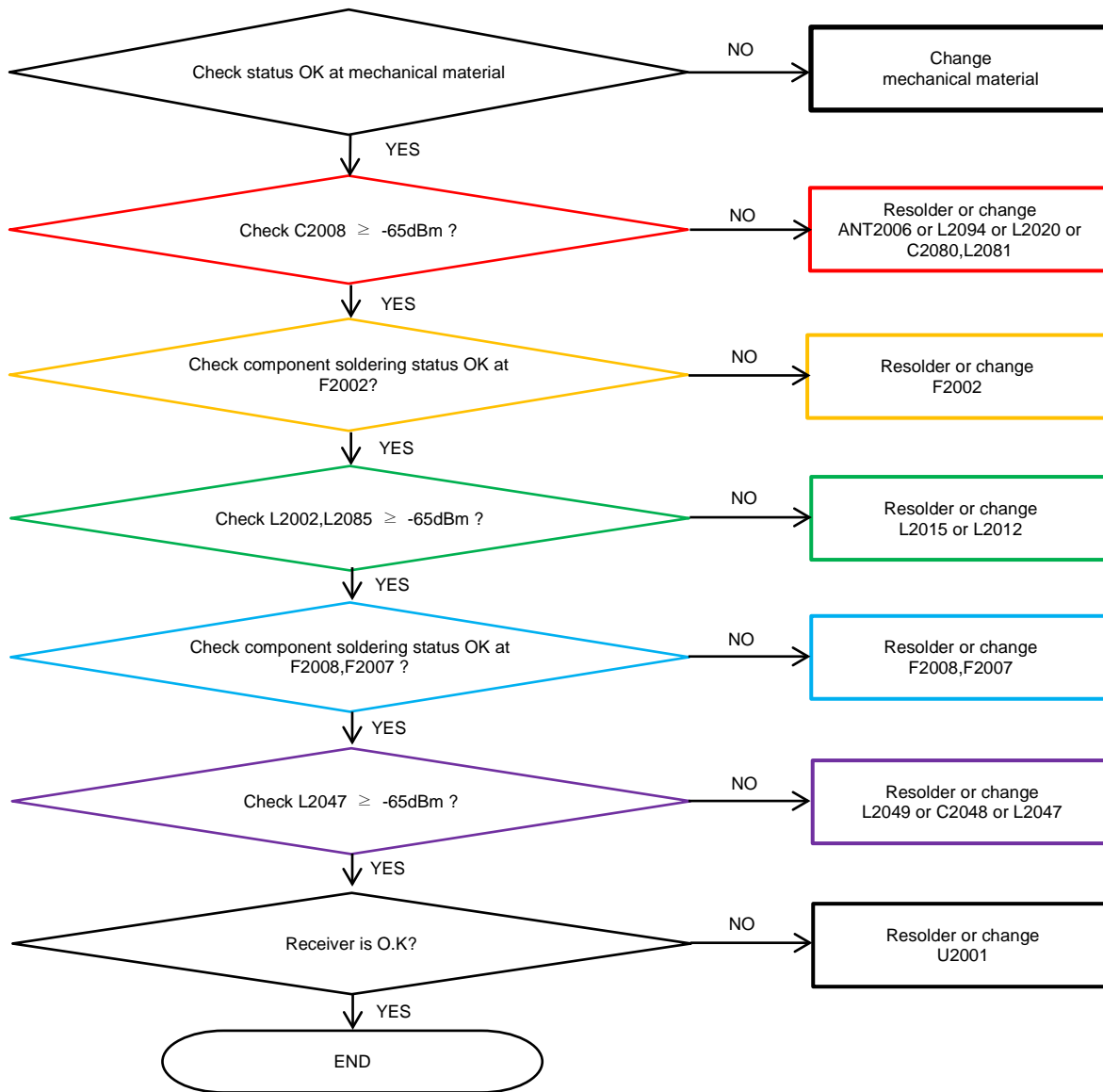
8. Level 3 Repair

8-4-37. DCS1800/PCS1900, WCDMA B2, LTE B2/3/25 DRx



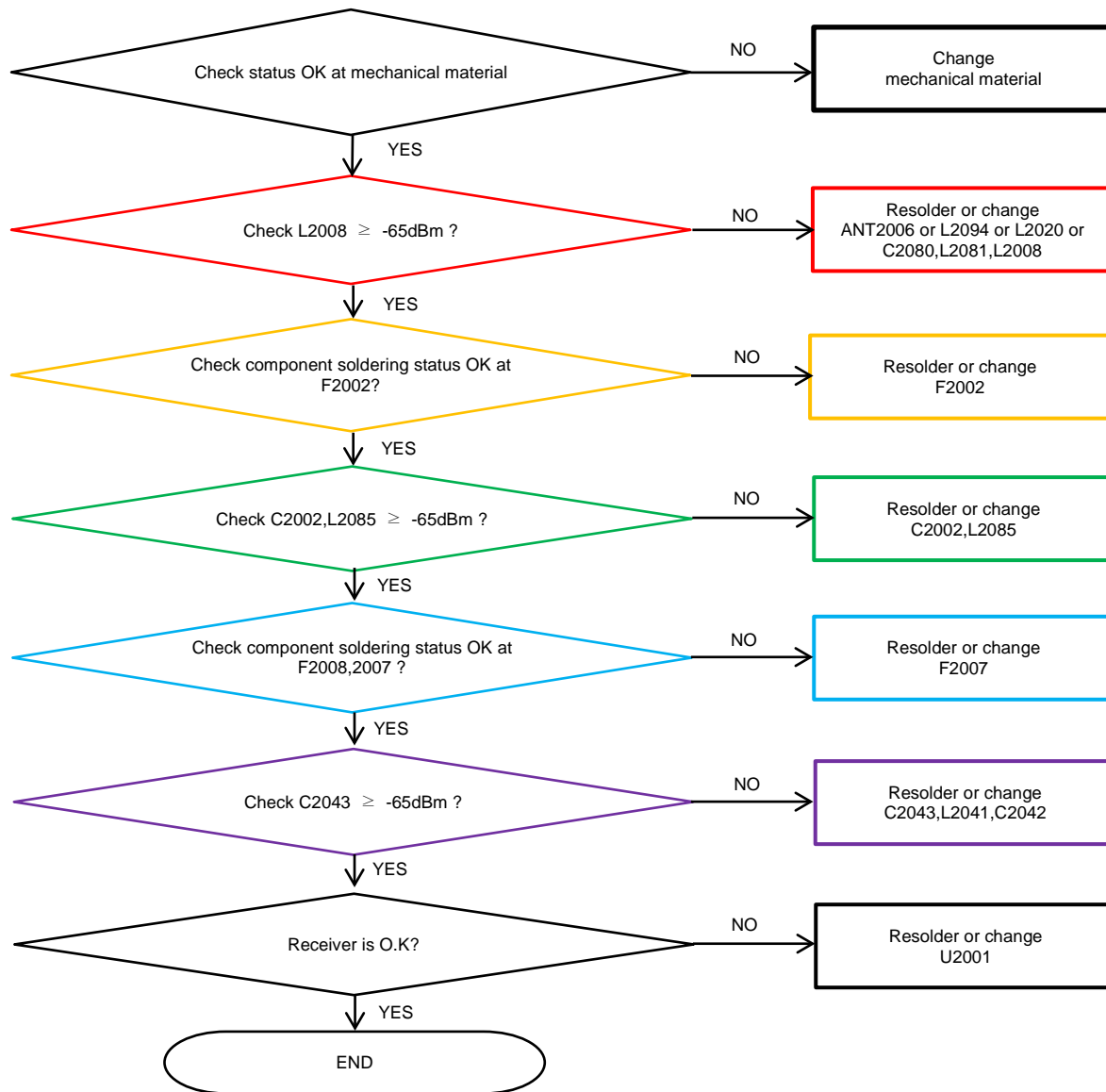
8. Level 3 Repair

8-4-38. WCDMA B1/4, LTE B1/4/32/66/40 DRx



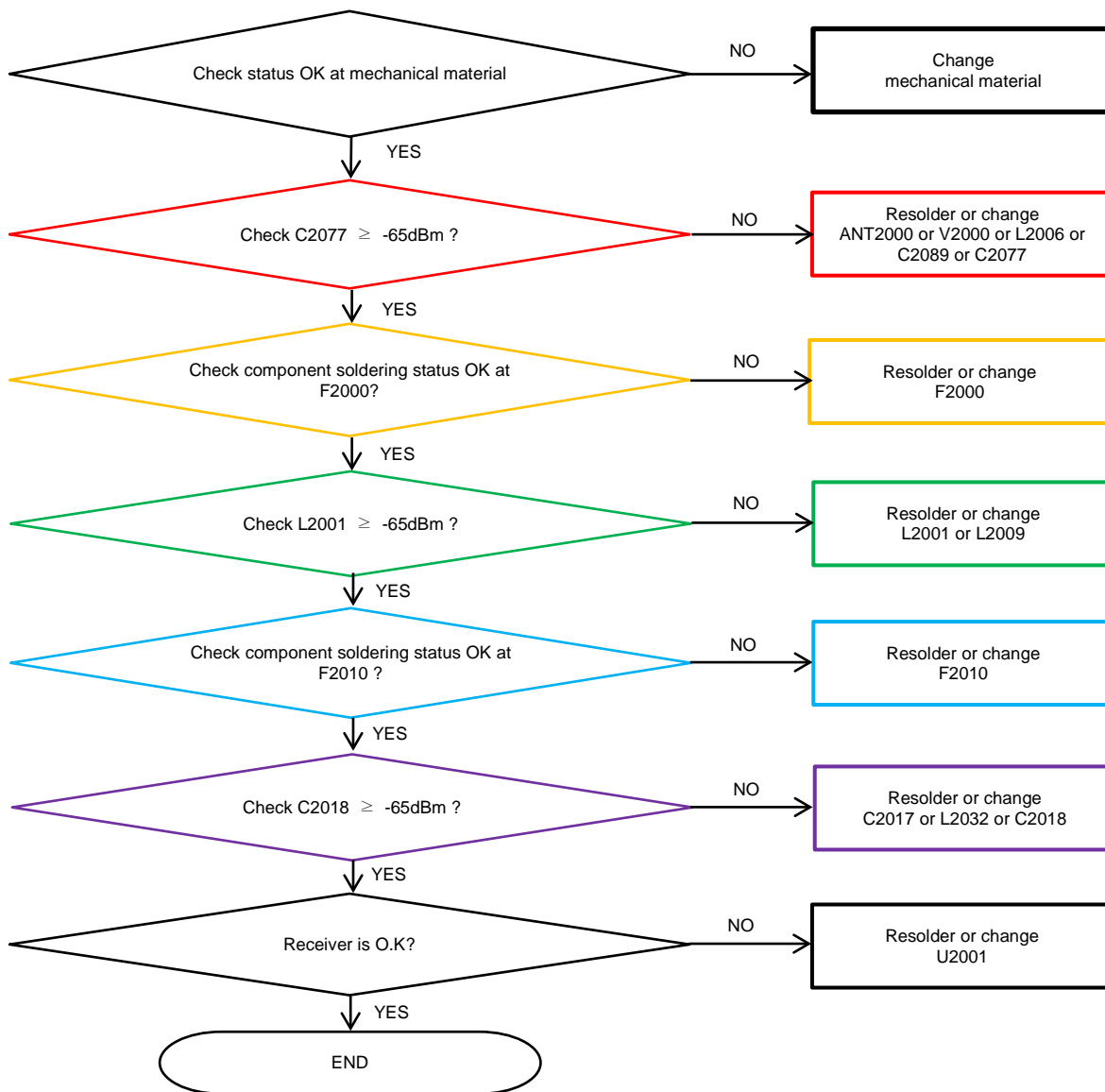
8. Level 3 Repair

8-4-39. TDSCDMA B38/41, LTE B7/38/41 DRx



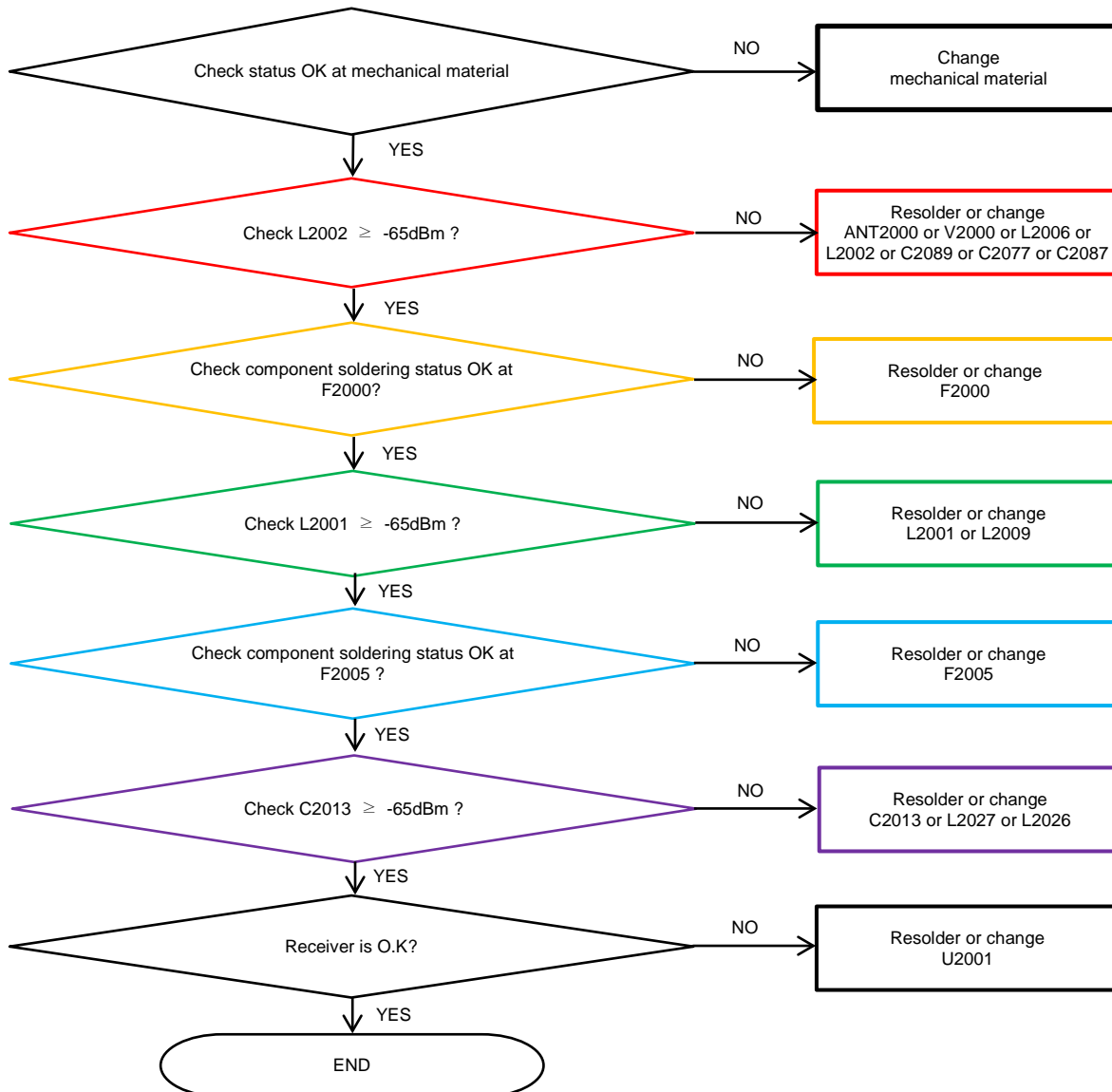
8. Level 3 Repair

8-4-40. TDS-CDMA39/40,LTE B39,40,B1/4 4Rx_DRx



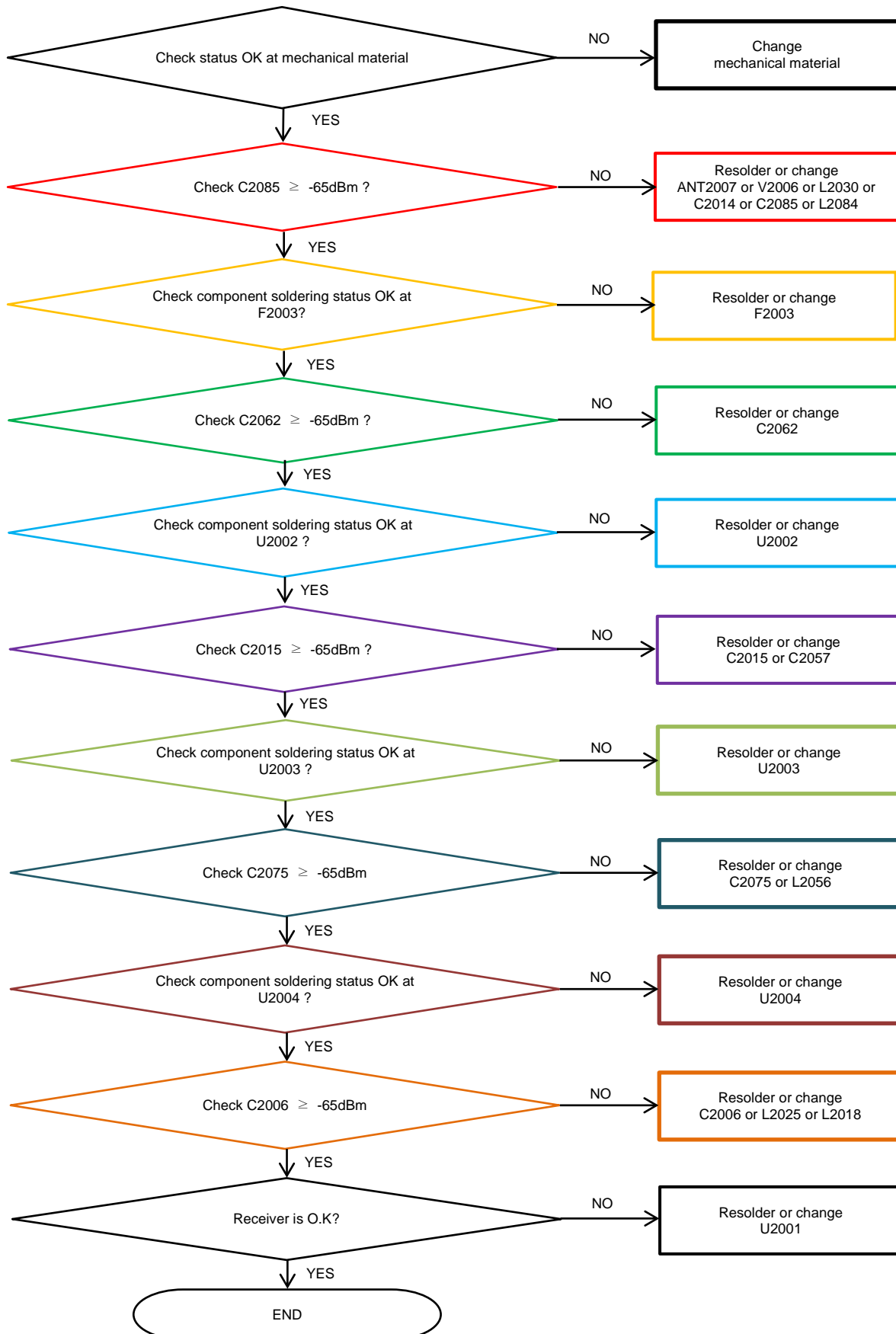
8. Level 3 Repair

8-4-41. LTE B3 4Rx_DRx



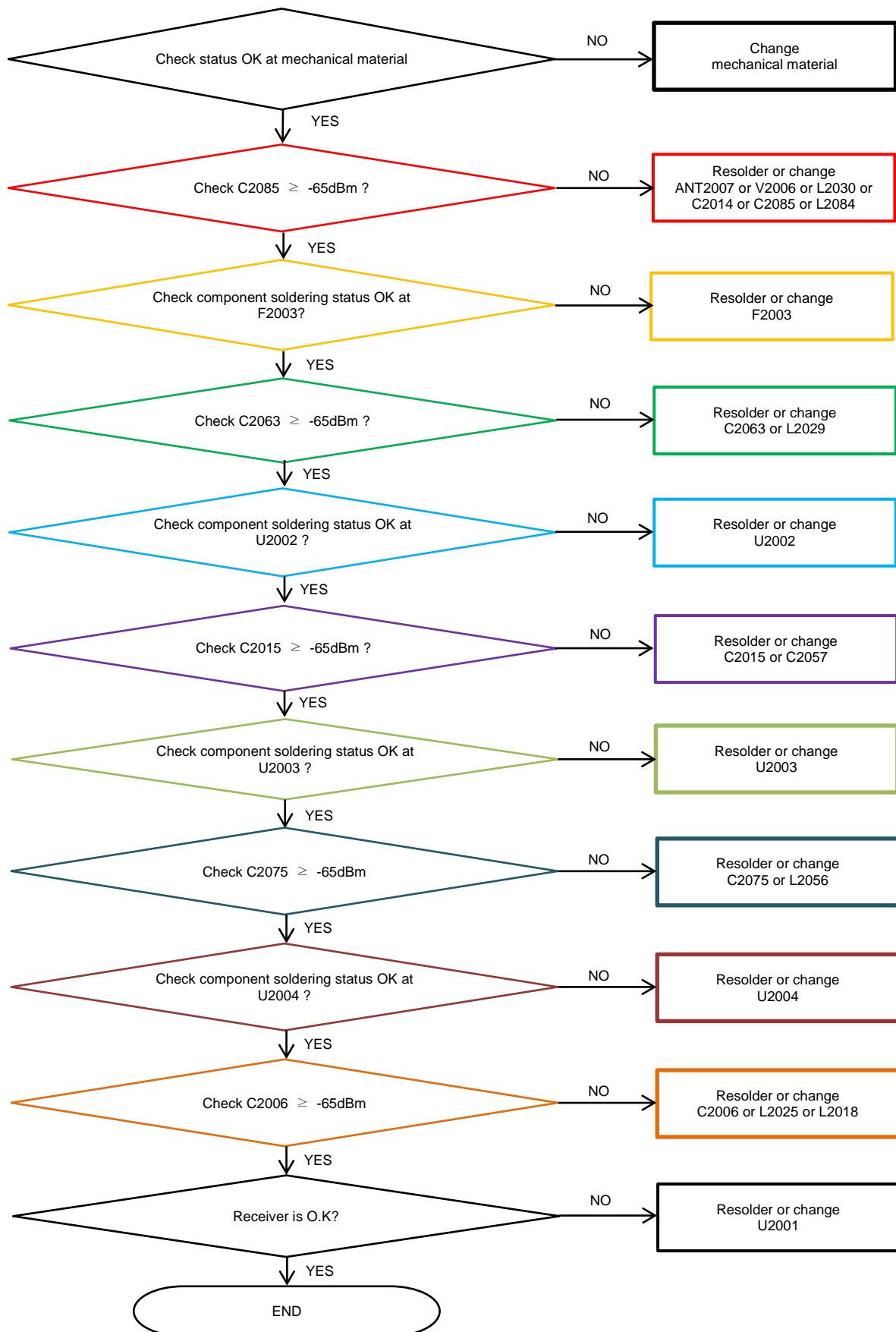
8. Level 3 Repair

8-4-42. LTE B7 4Rx_DRx



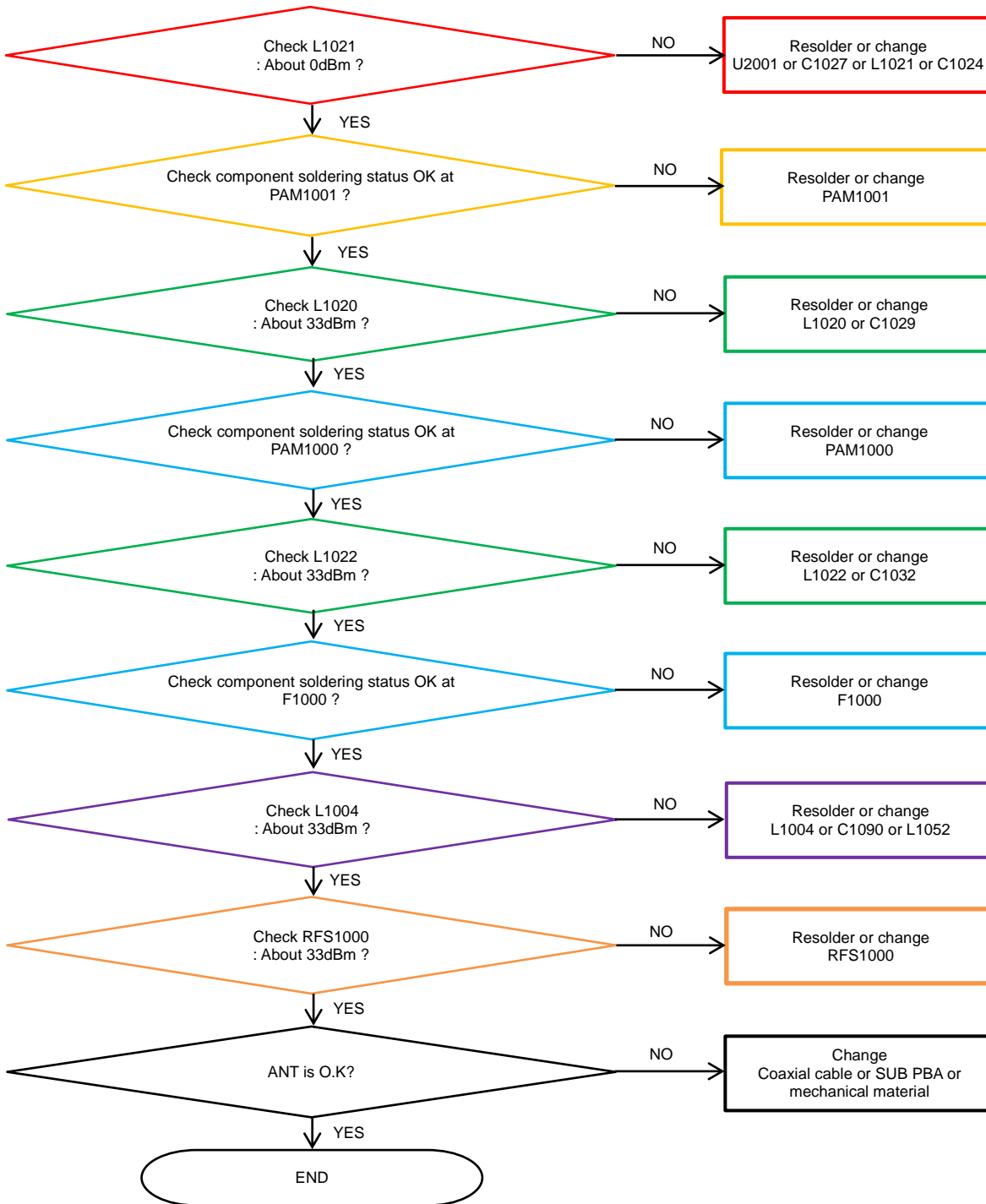
8. Level 3 Repair

8-4-43. LTE B40 4Rx_DRx



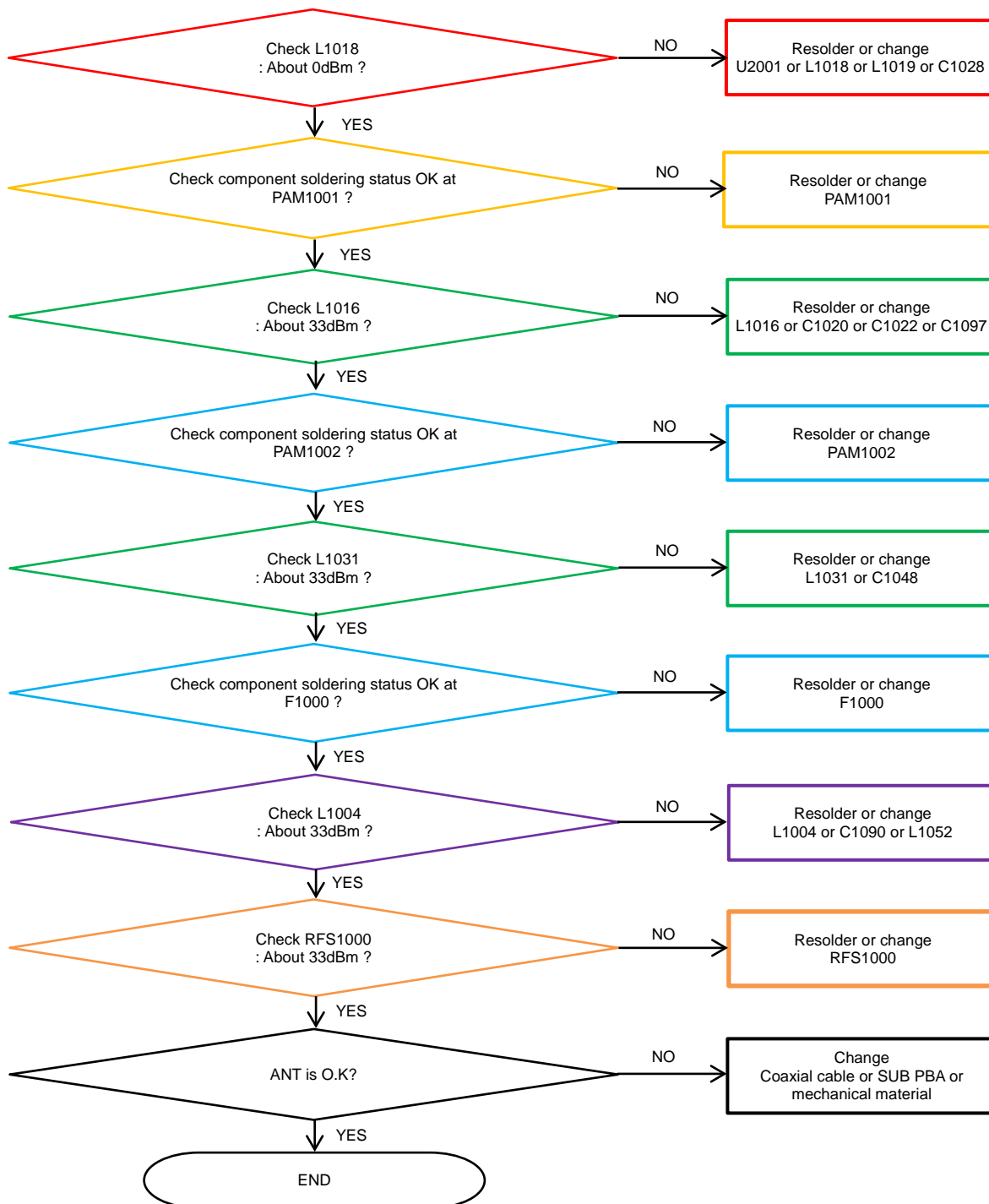
8. Level 3 Repair

8-4-44. GSM 850/900 Tx



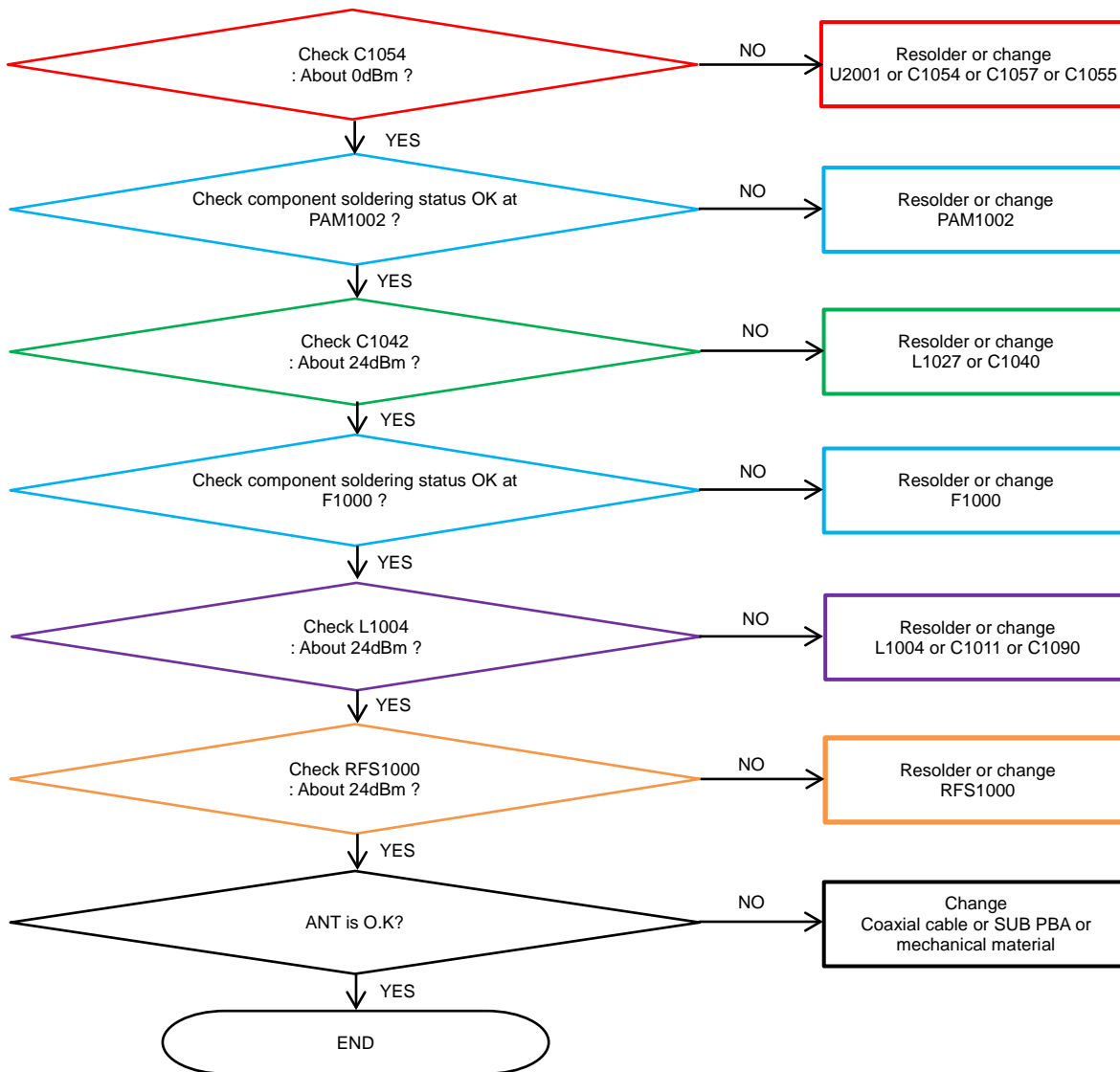
8. Level 3 Repair

8-4-45. DCS1800/PCS1900 Tx



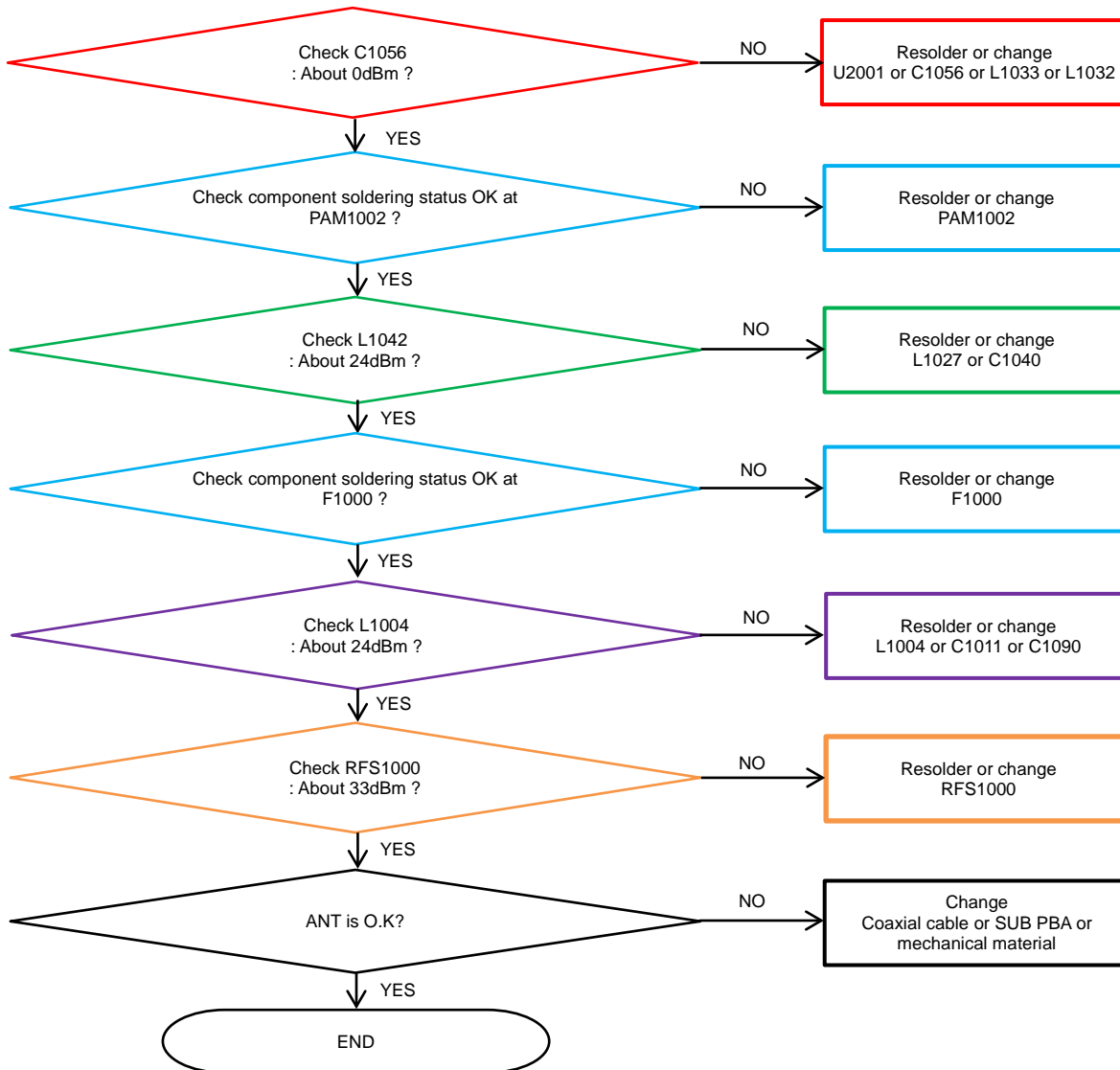
8. Level 3 Repair

8-4-46. WCDMA B1/2/4, TDSCDMA B34/39, LTE B1/2/3/4/25/34/39 Tx



8. Level 3 Repair

8-4-47. TDSCDMA B38/40/41, LTE B7/38/40/41 Tx



8. Level 3 Repair

8-4-48. WCDMA B5/8, LTE B5/8/12/13/17/18/19/20/26/28 Tx

