

8-2. Block Diagram

Main ANT

RF PART

AP/CP

SENSOR PART

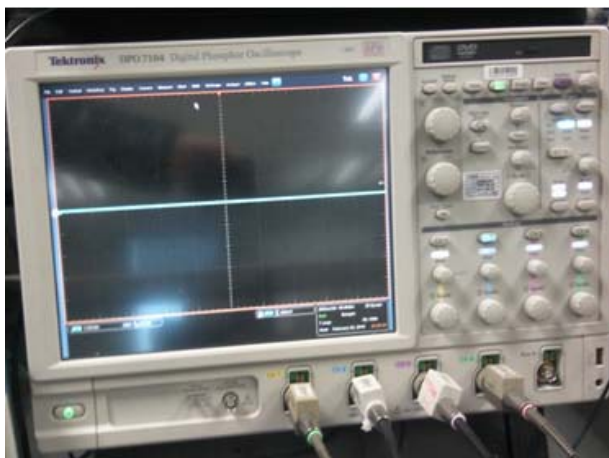
POWER Part Audio Part

Confidential

Confidential

8. Level 3 Repair

8-3. Flow Chart of Troubleshooting



Oscilloscope



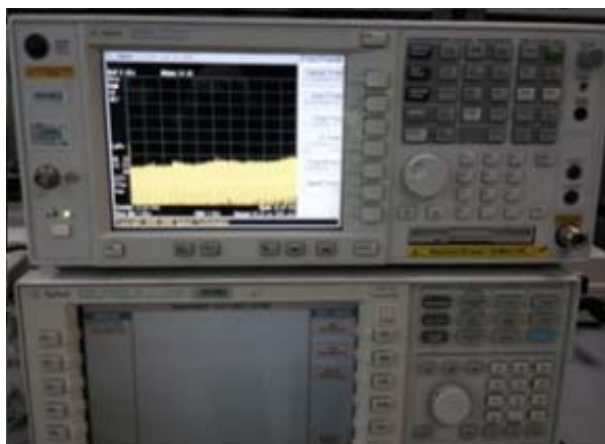
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer

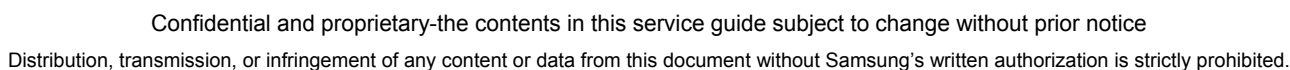


8960 & Spectrum Analyzer



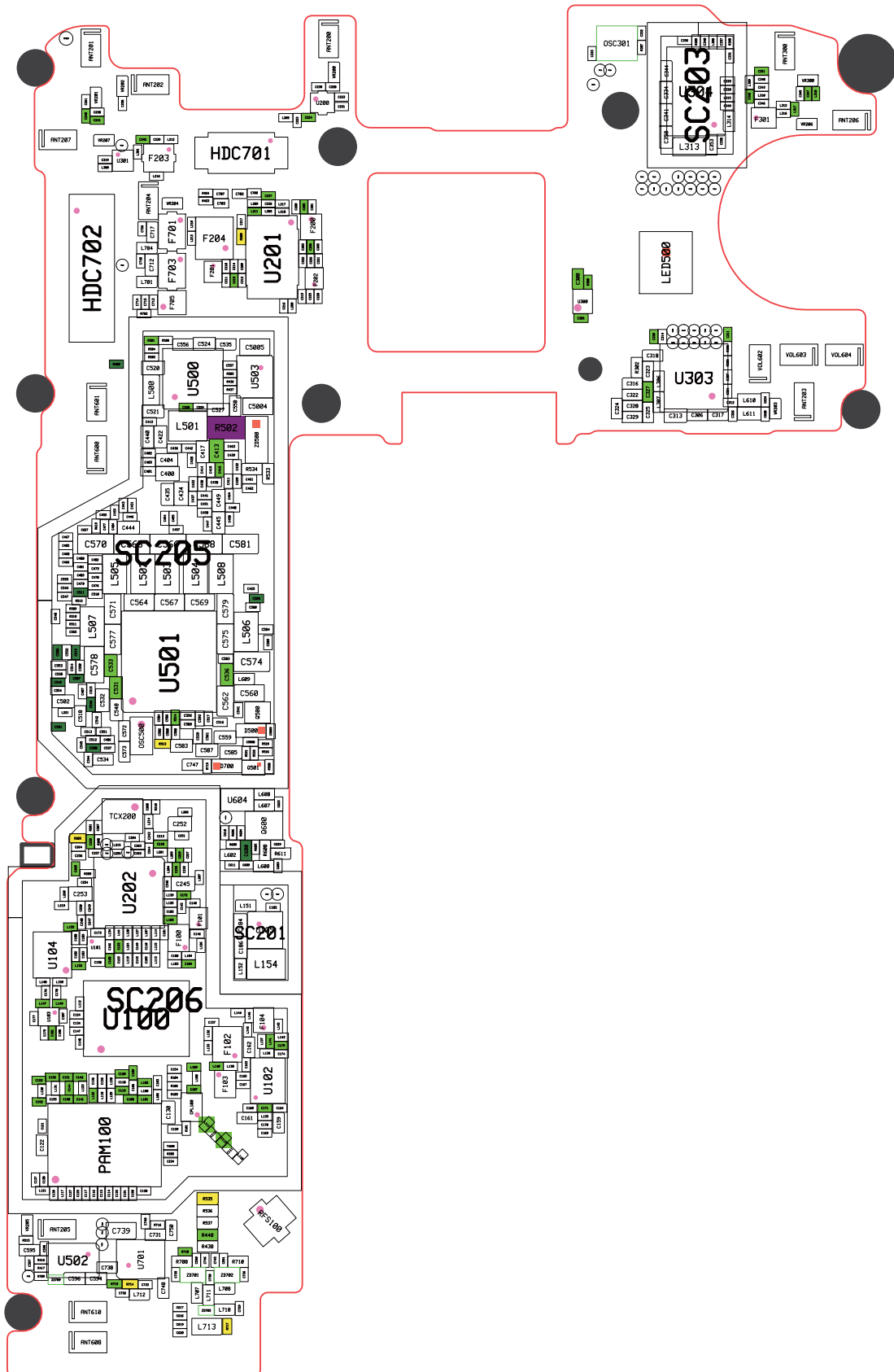
Soldering iron

TOP



8. Level 3 Repair

BOTTOM

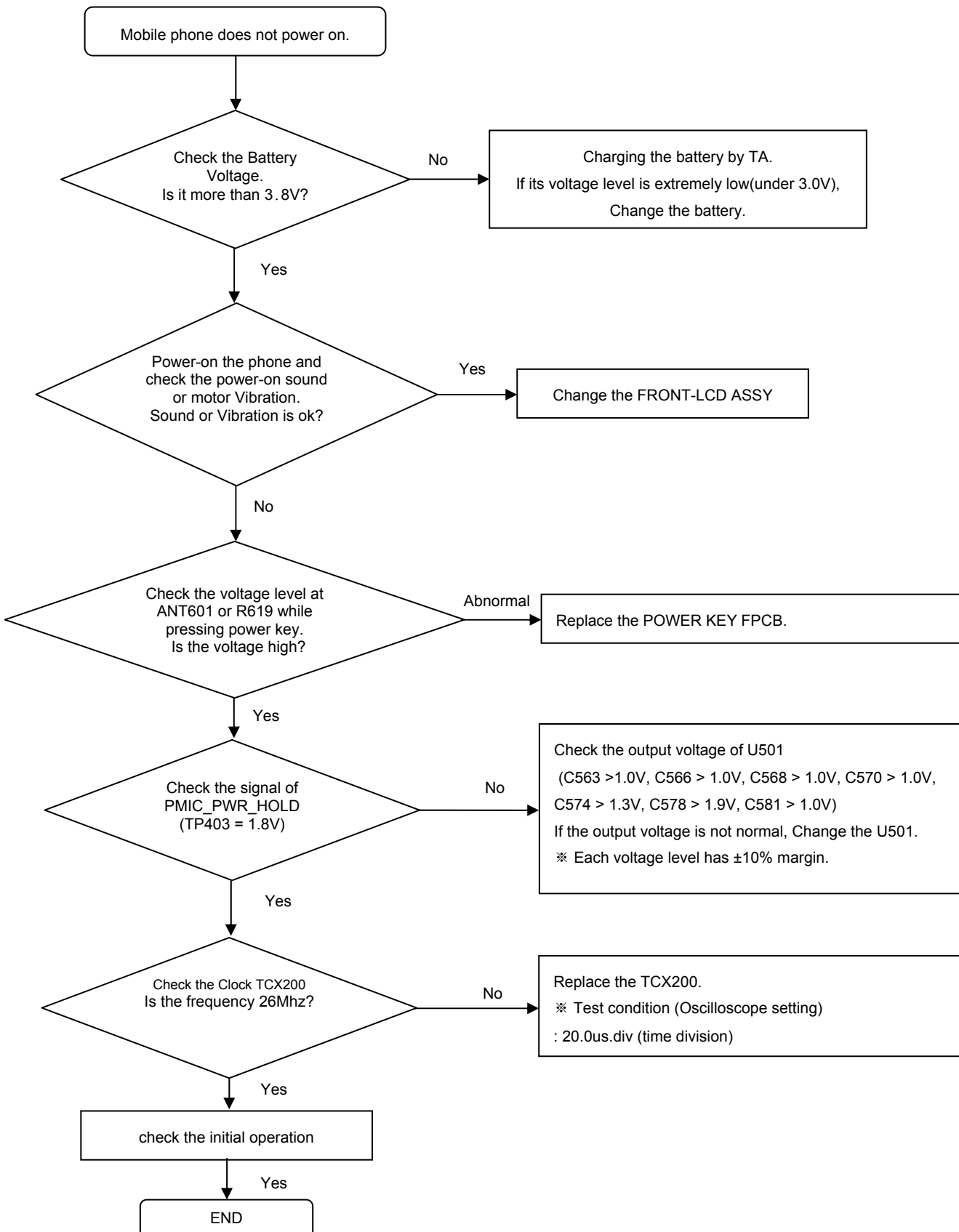


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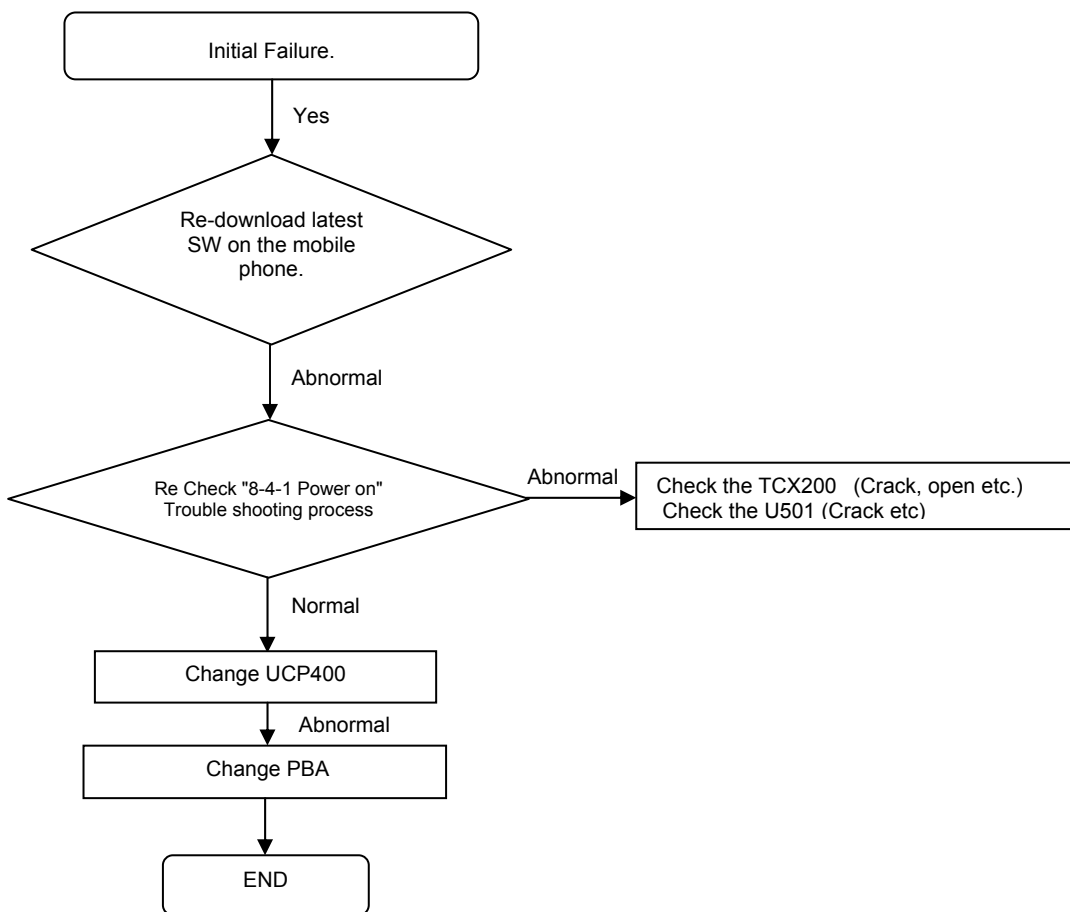
8. Level 3 Repair

8-4. Power On



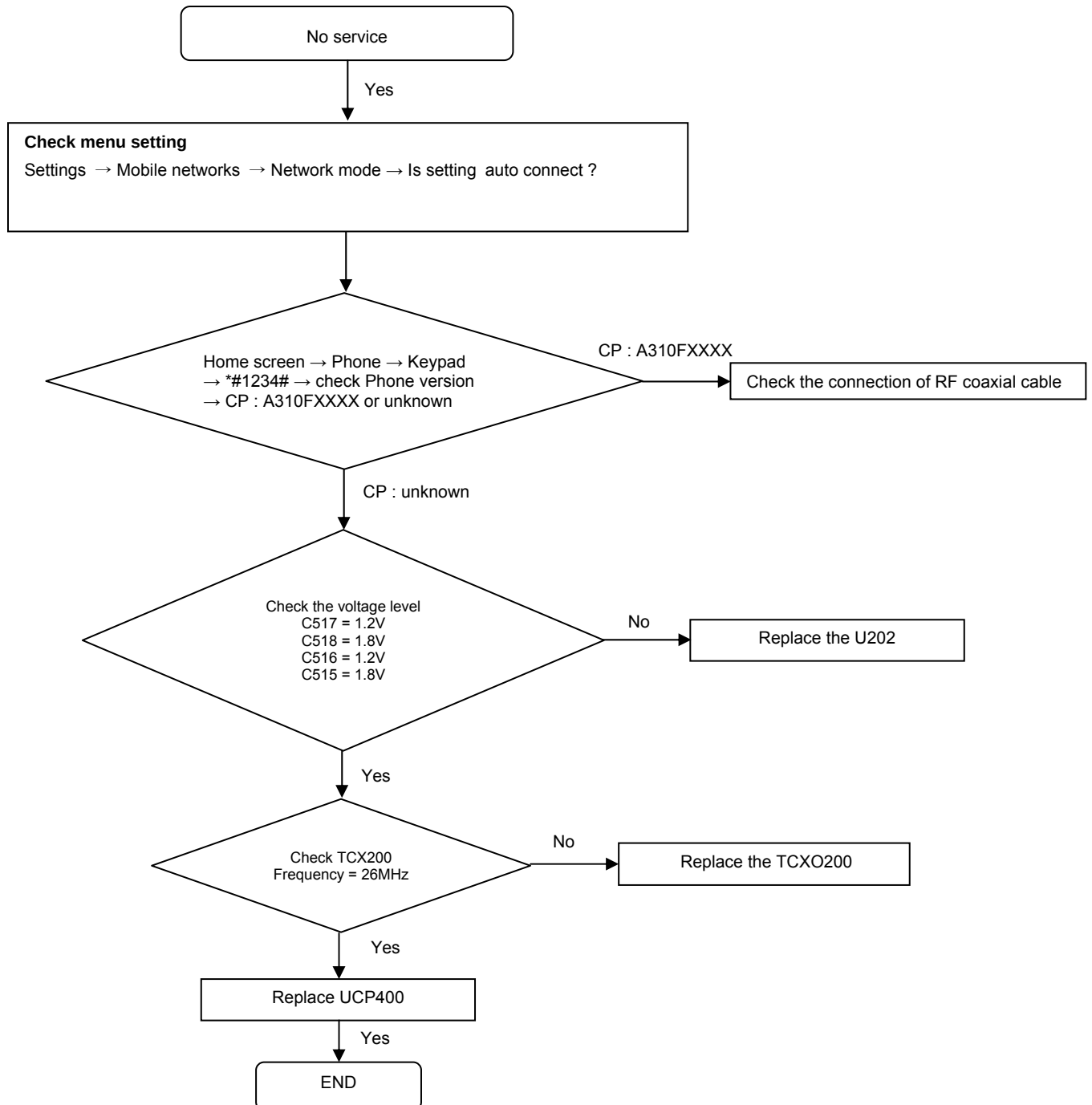
8. Level 3 Repair

8-4-2. Initial



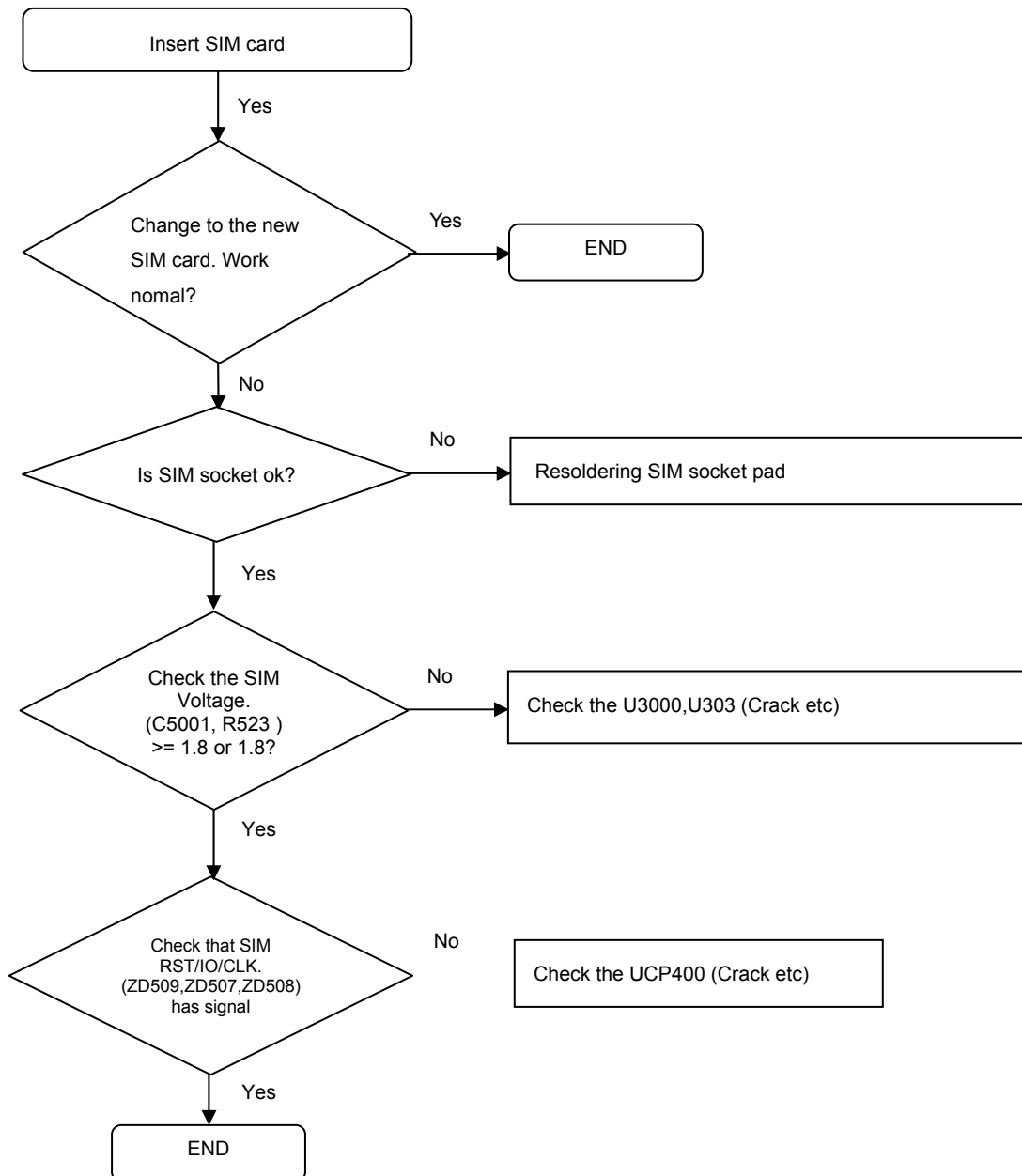
8. Level 3 Repair

8-4-3. No Service



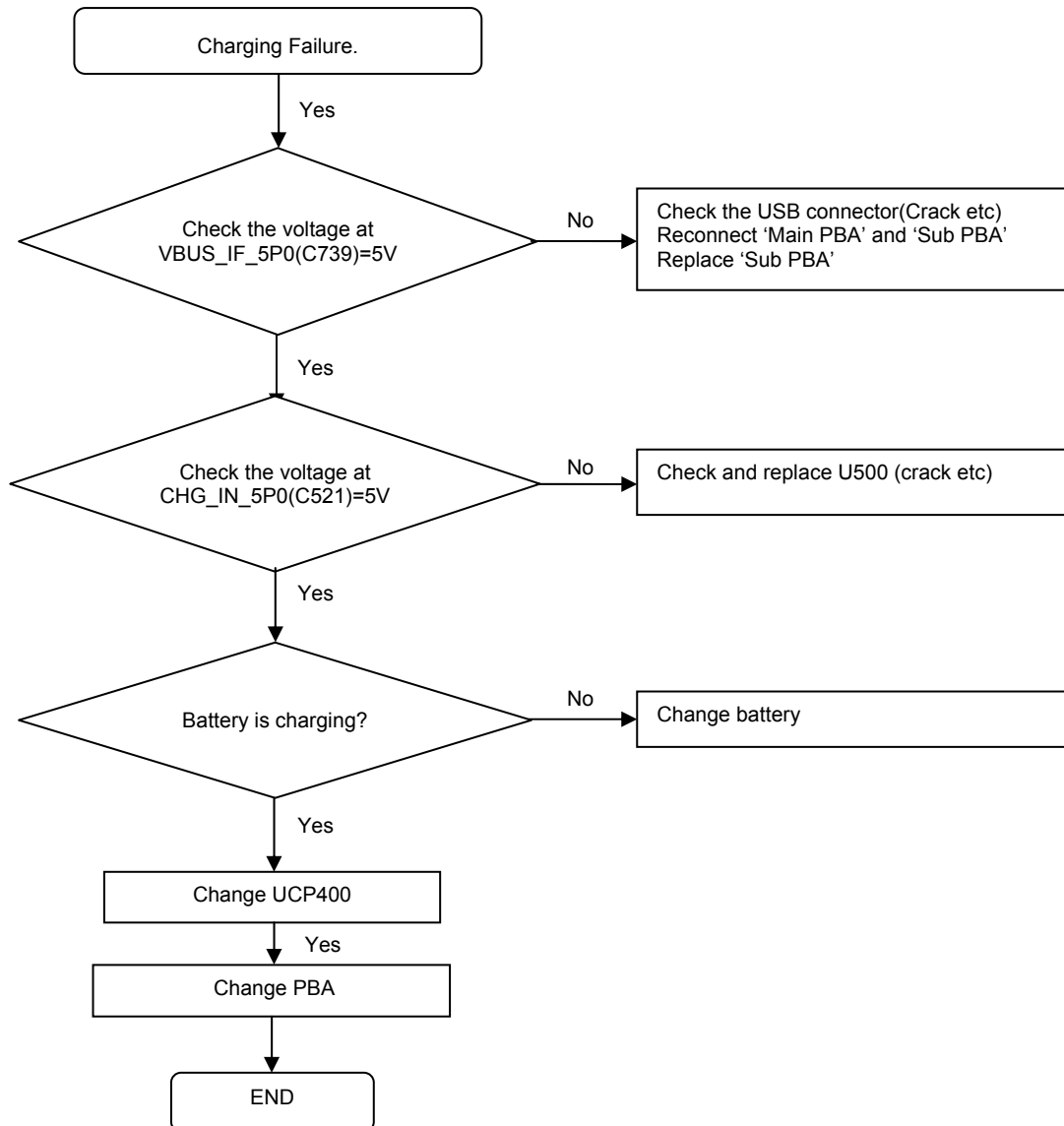
8. Level 3 Repair

8-4-4. Sim Part



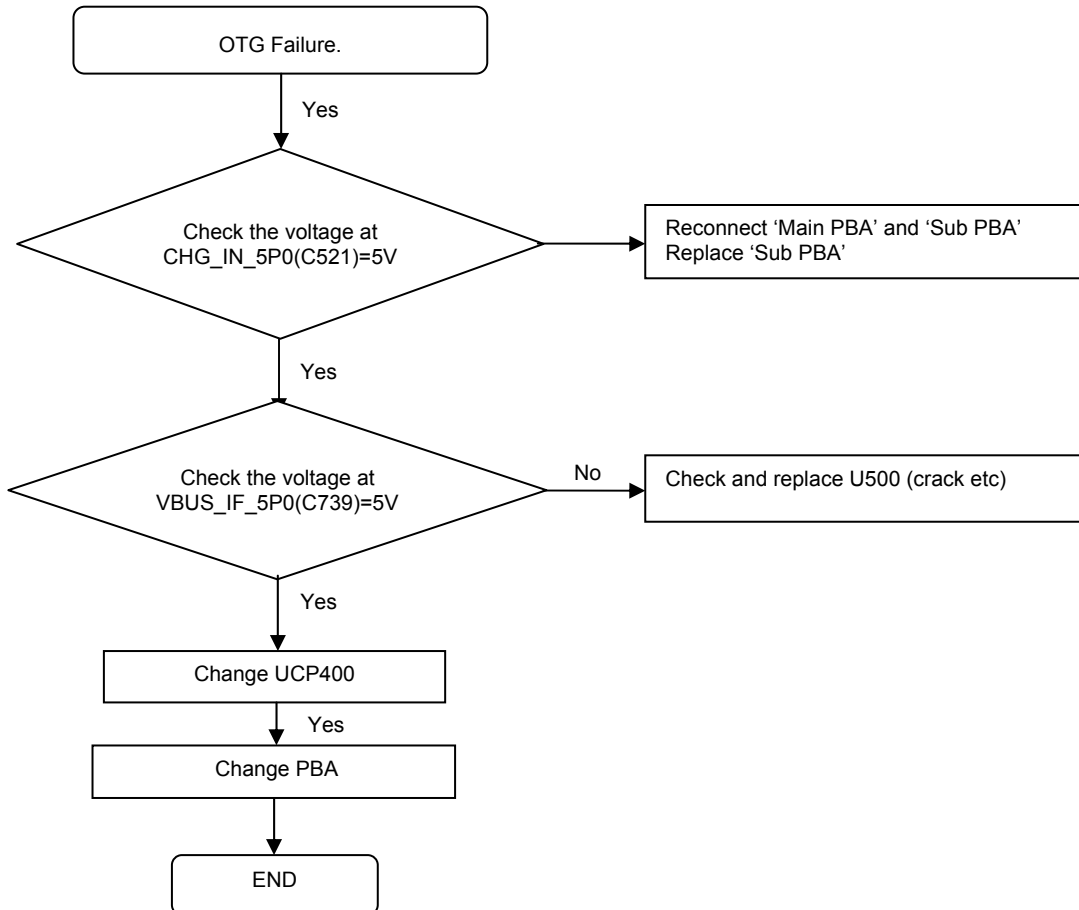
8. Level 3 Repair

8-4-5. Charging Part



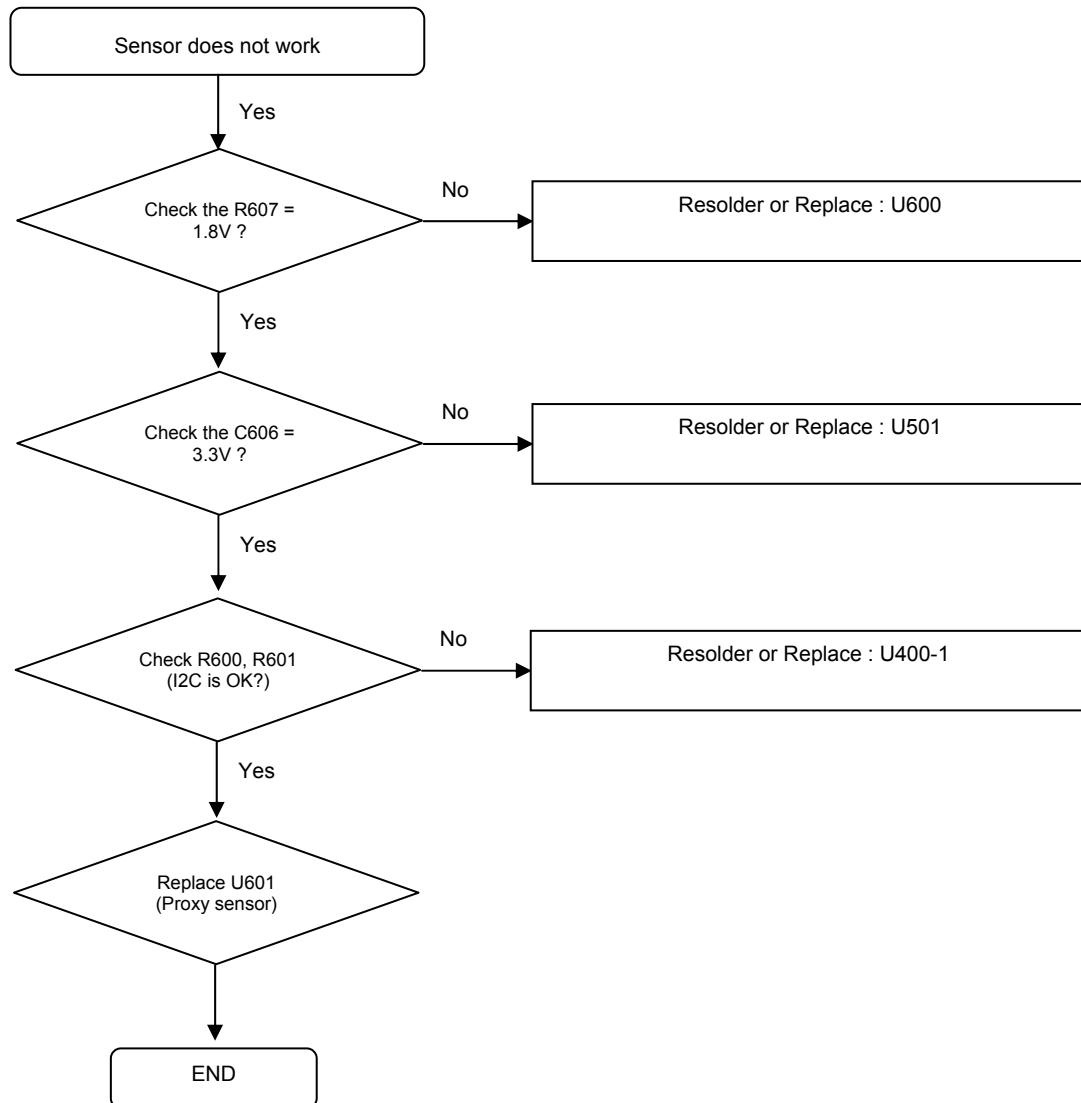
8. Level 3 Repair

8-4-6. OTG



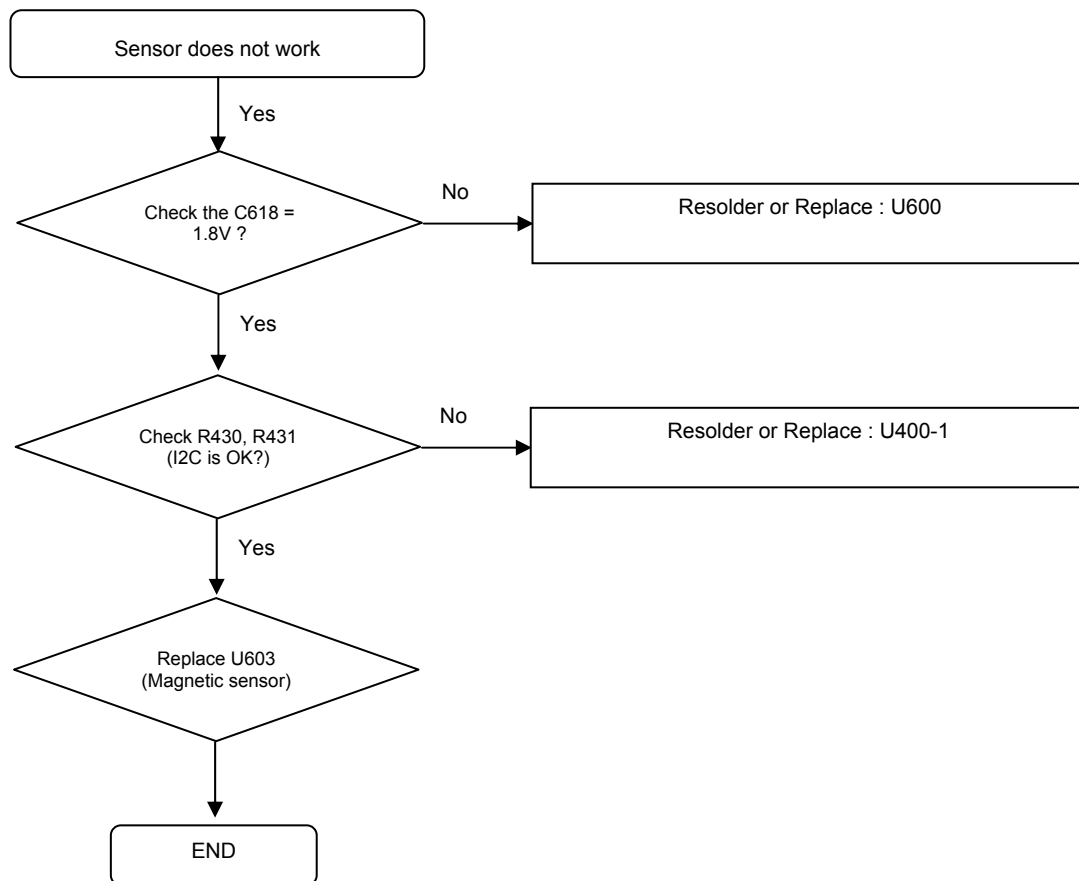
8. Level 3 Repair

8-4-7. Proxy Sensor



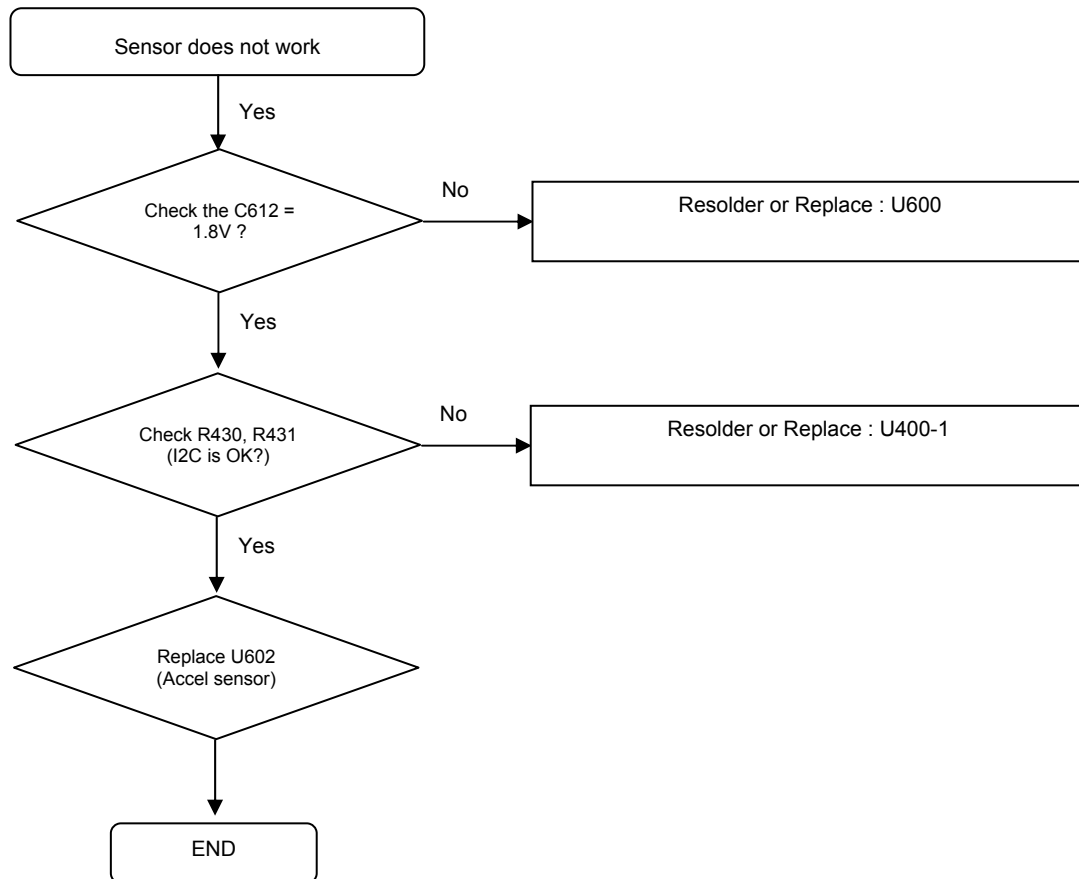
8. Level 3 Repair

8-4-7-2. Magnetic Sensor



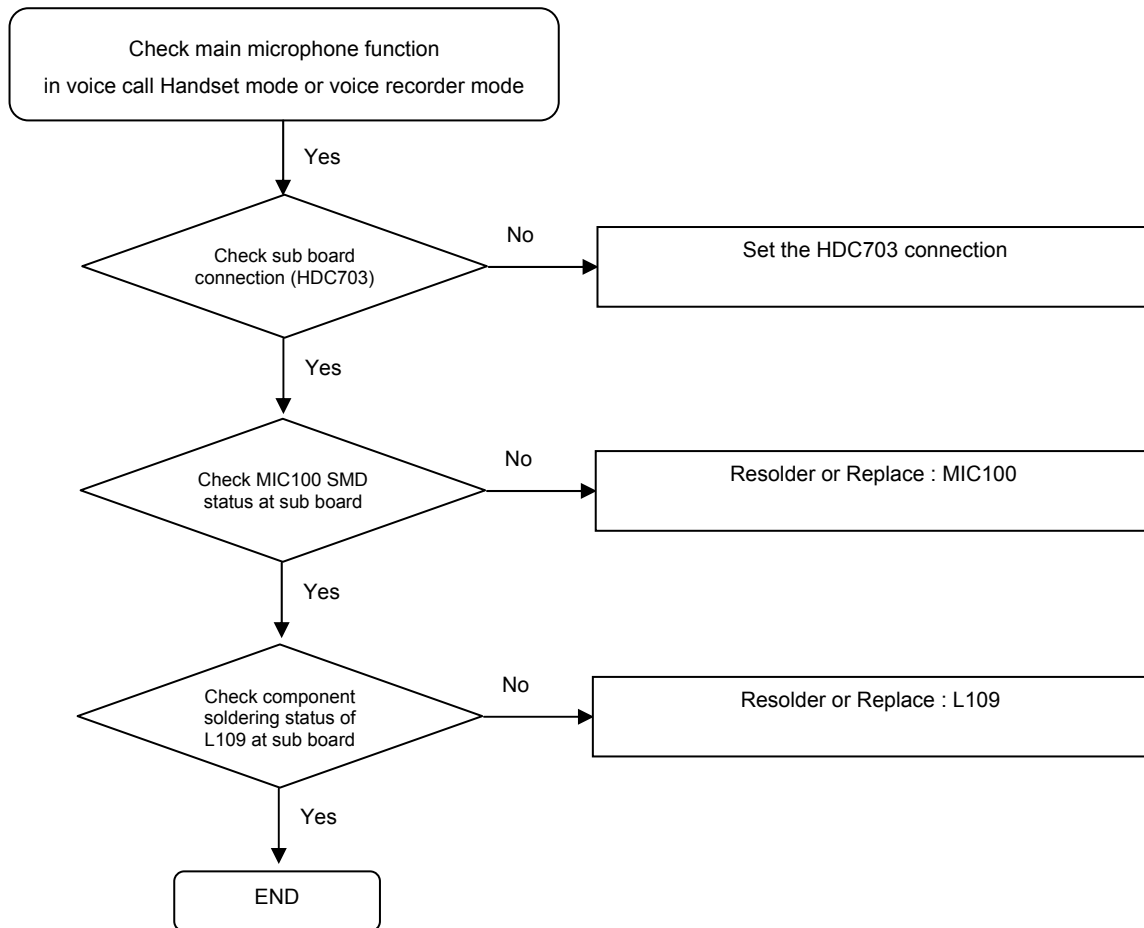
8. Level 3 Repair

8-4-7-3. Accel Sensor



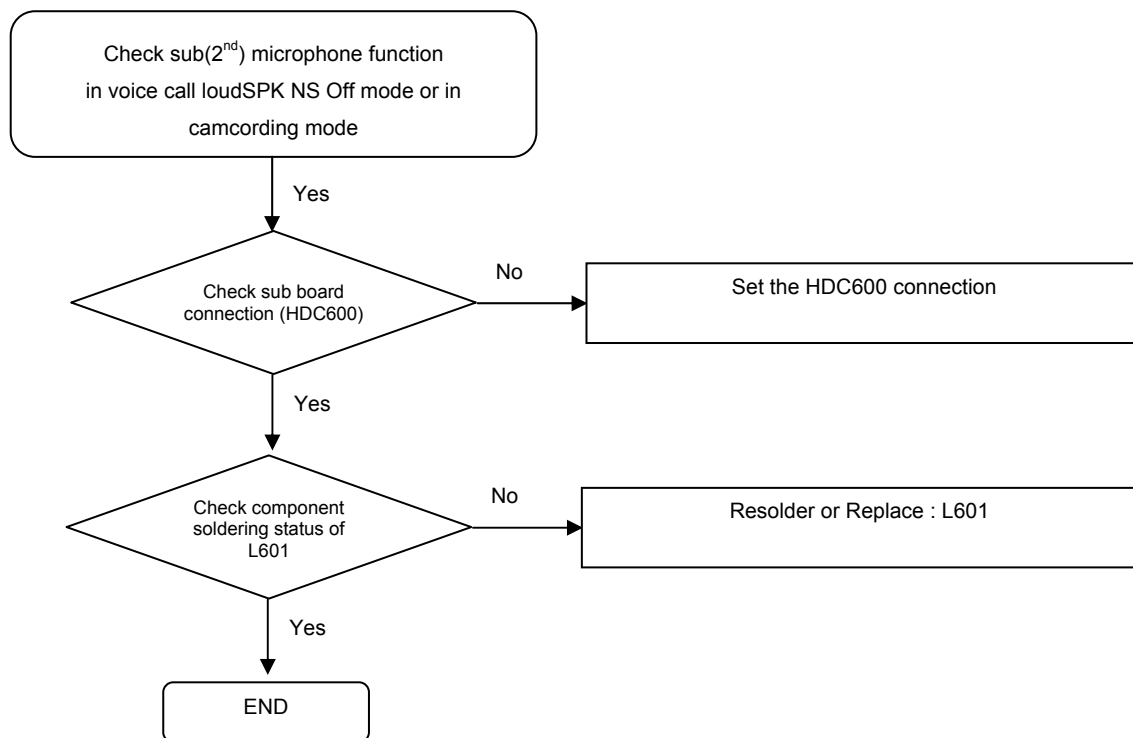
8. Level 3 Repair

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



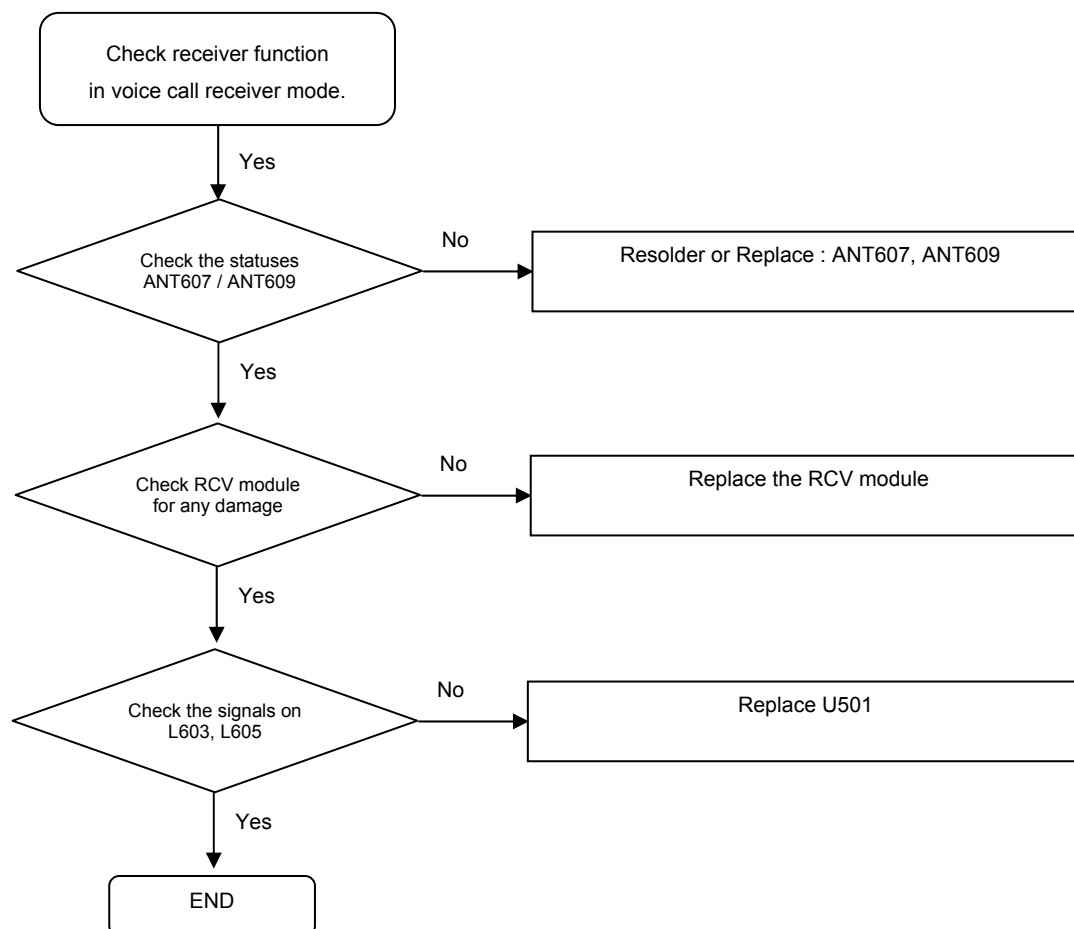
8. Level 3 Repair

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



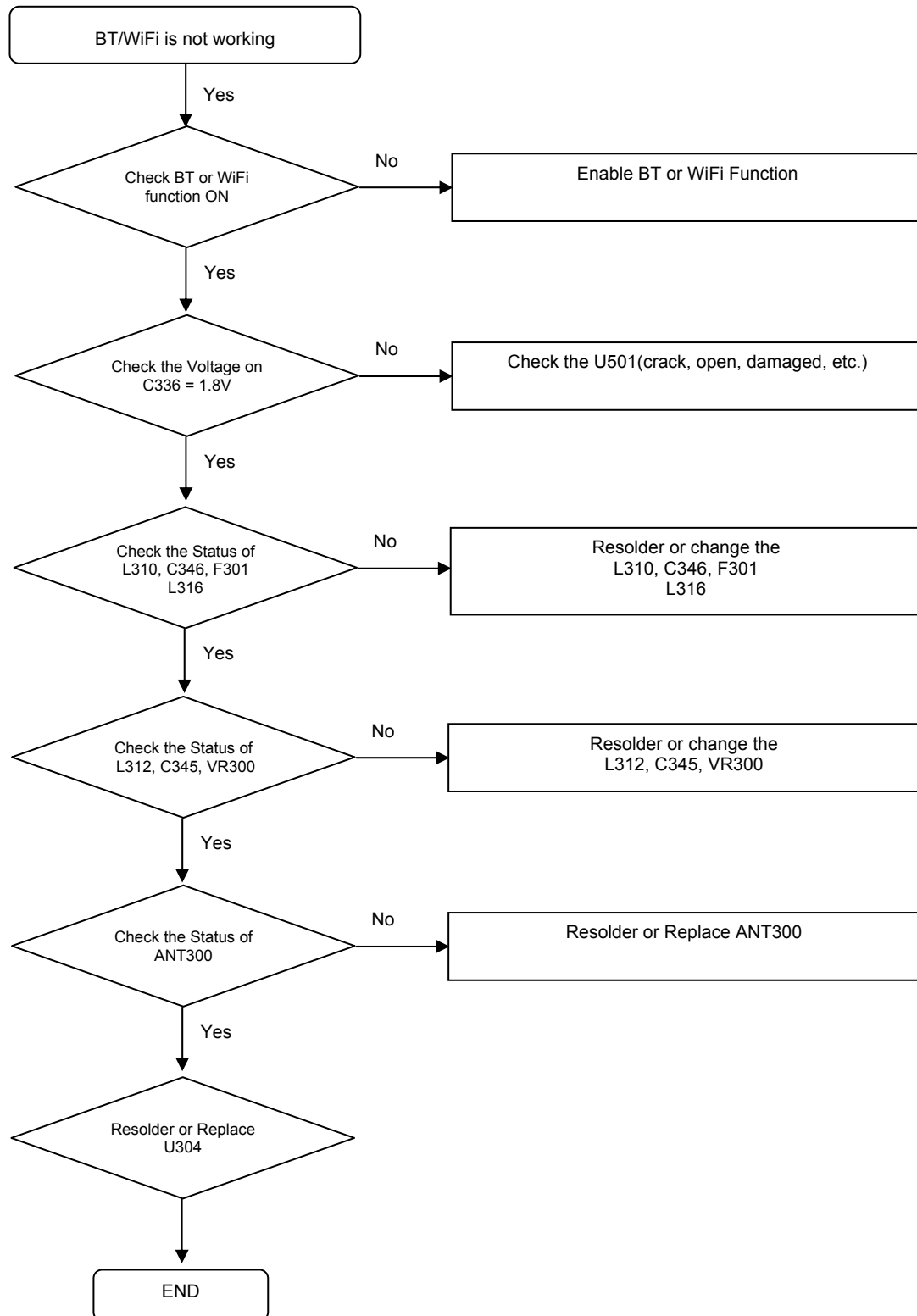
8. Level 3 Repair

8-4-10. Receiver Part



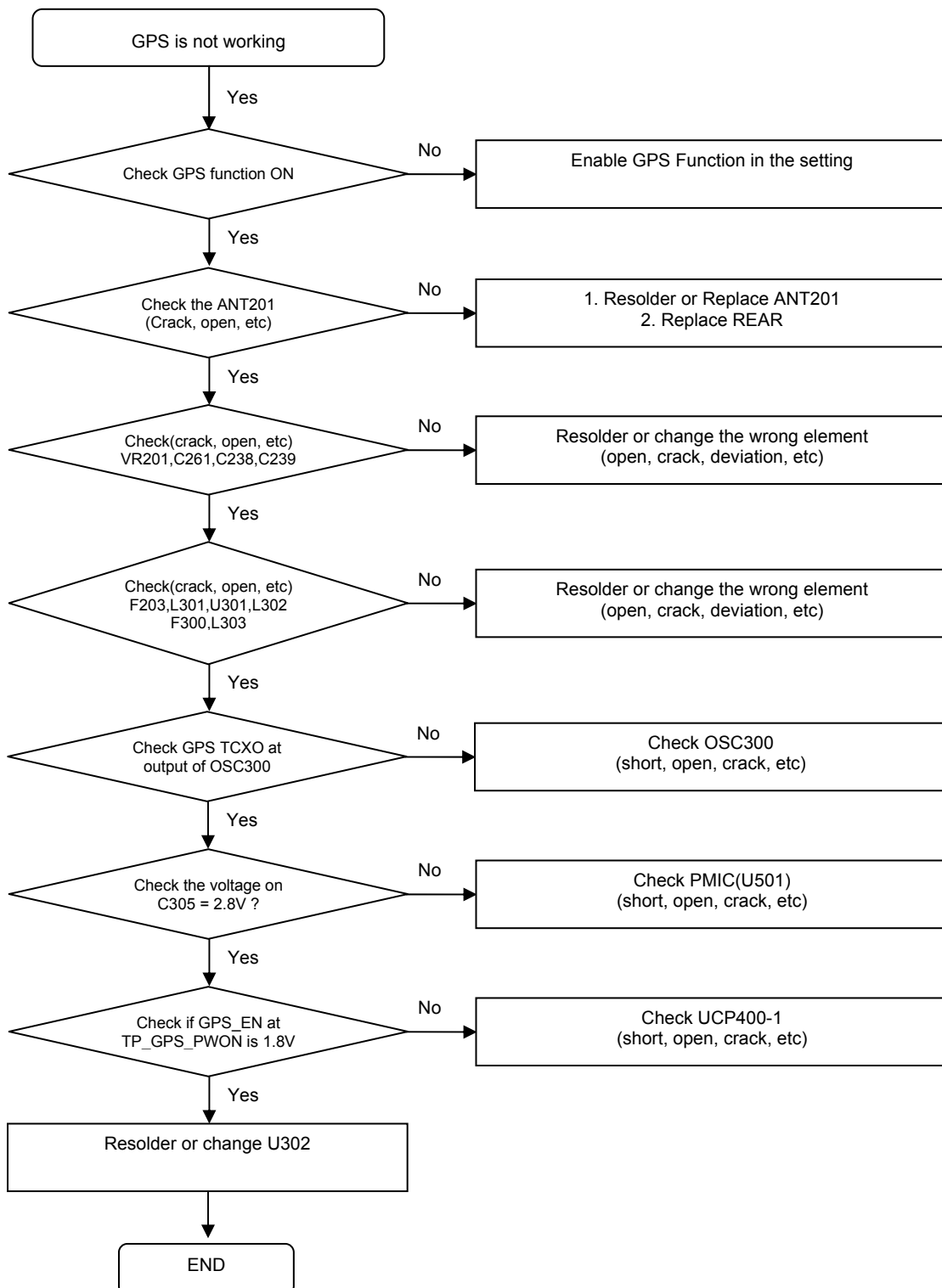
8. Level 3 Repair

8-4-12. BT/WIFI



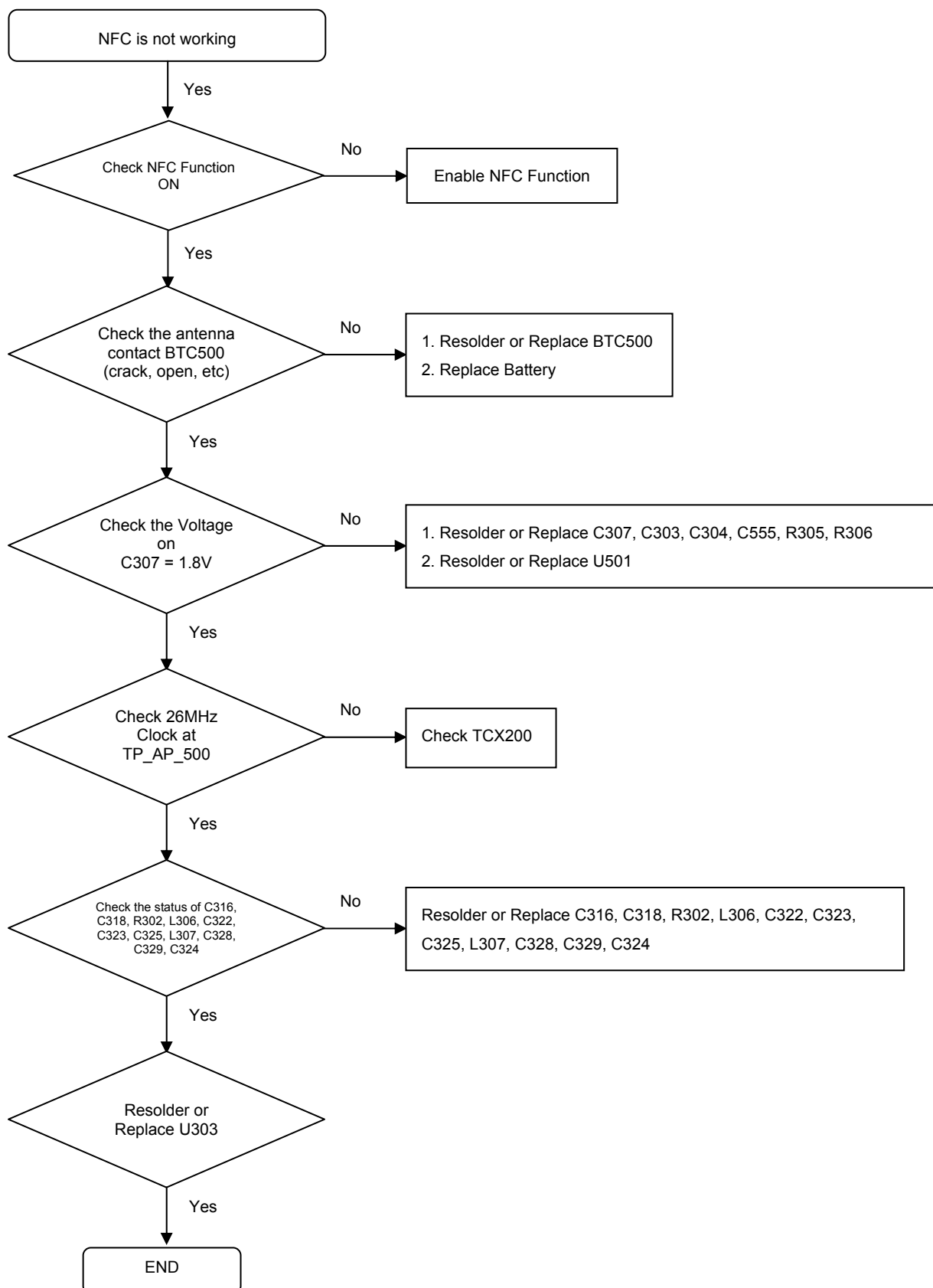
8. Level 3 Repair

8-4-13. GPS



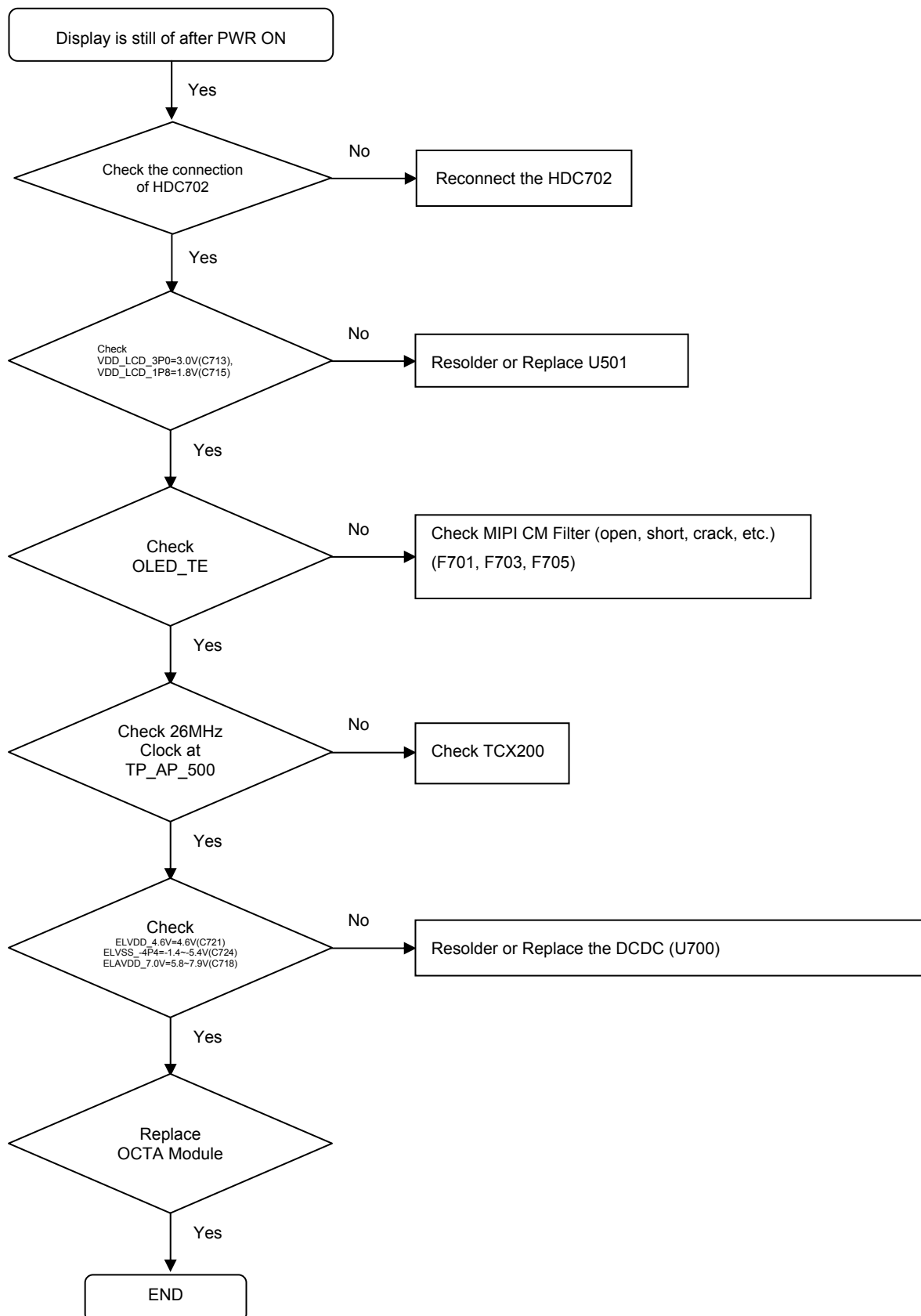
8. Level 3 Repair

8-4-14. NFC



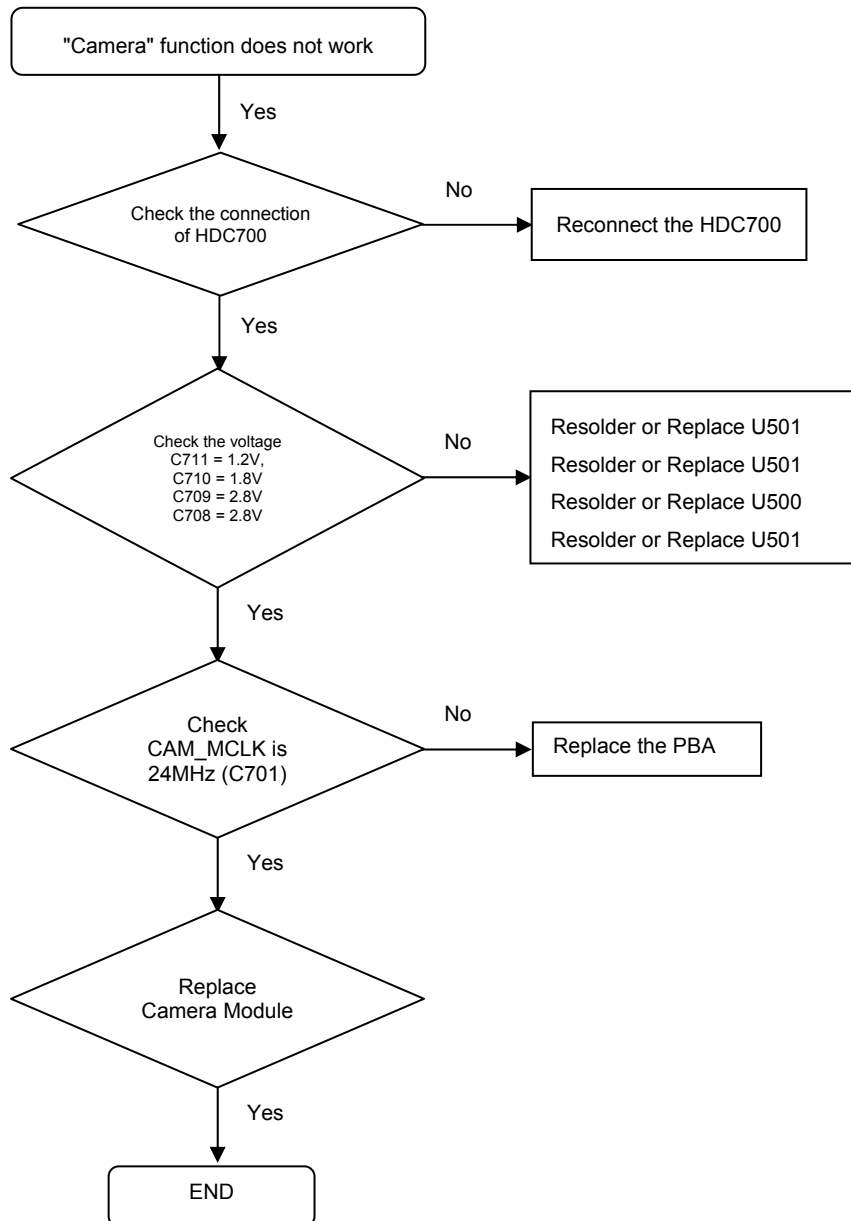
8. Level 3 Repair

8-4-15. Display



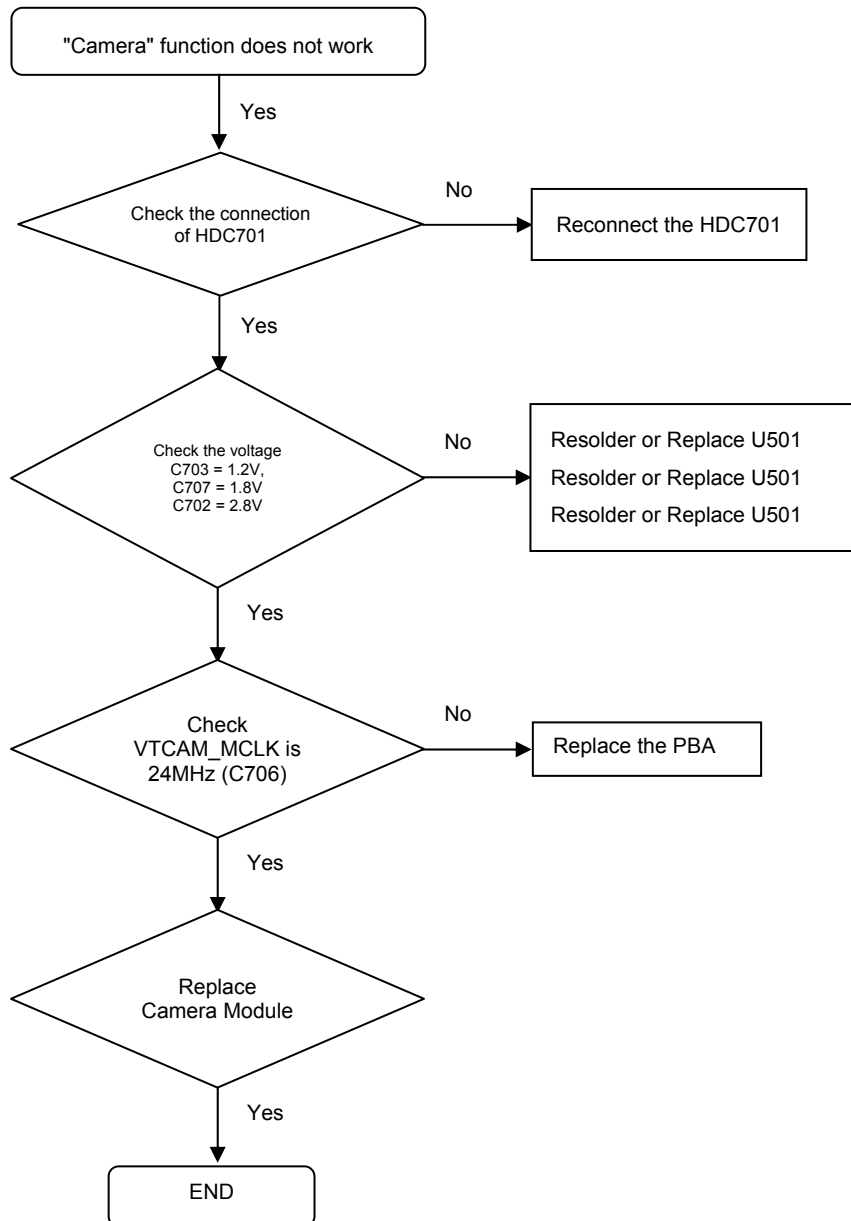
8. Level 3 Repair

8-4-16. 16M CAM



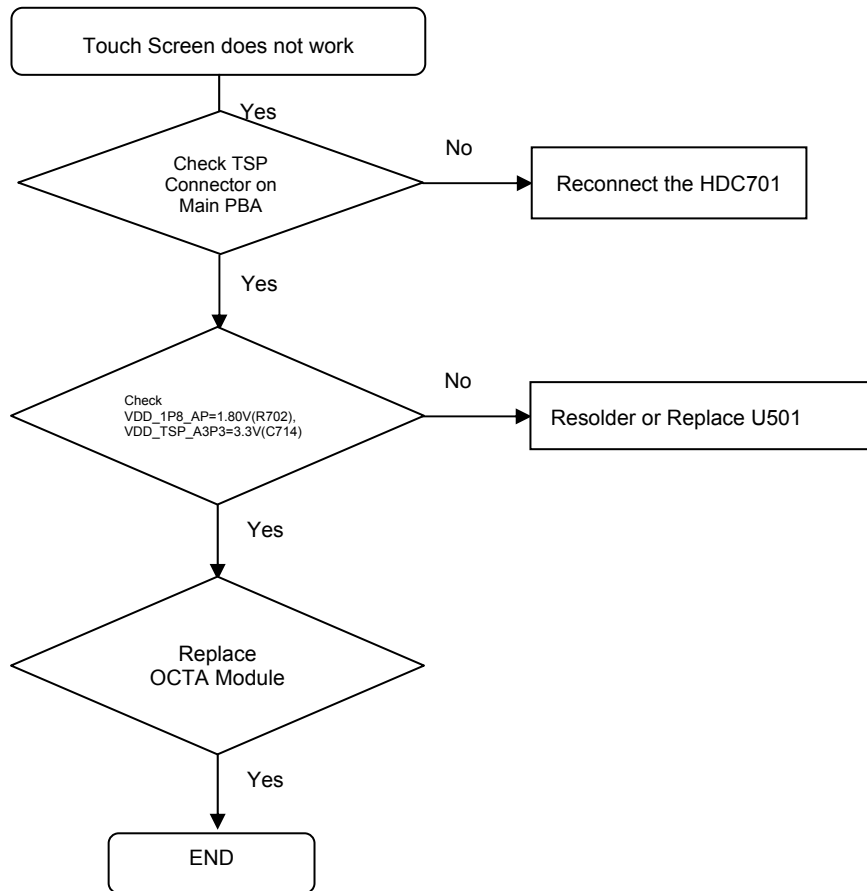
8. Level 3 Repair

8-4-17. 5M CAM



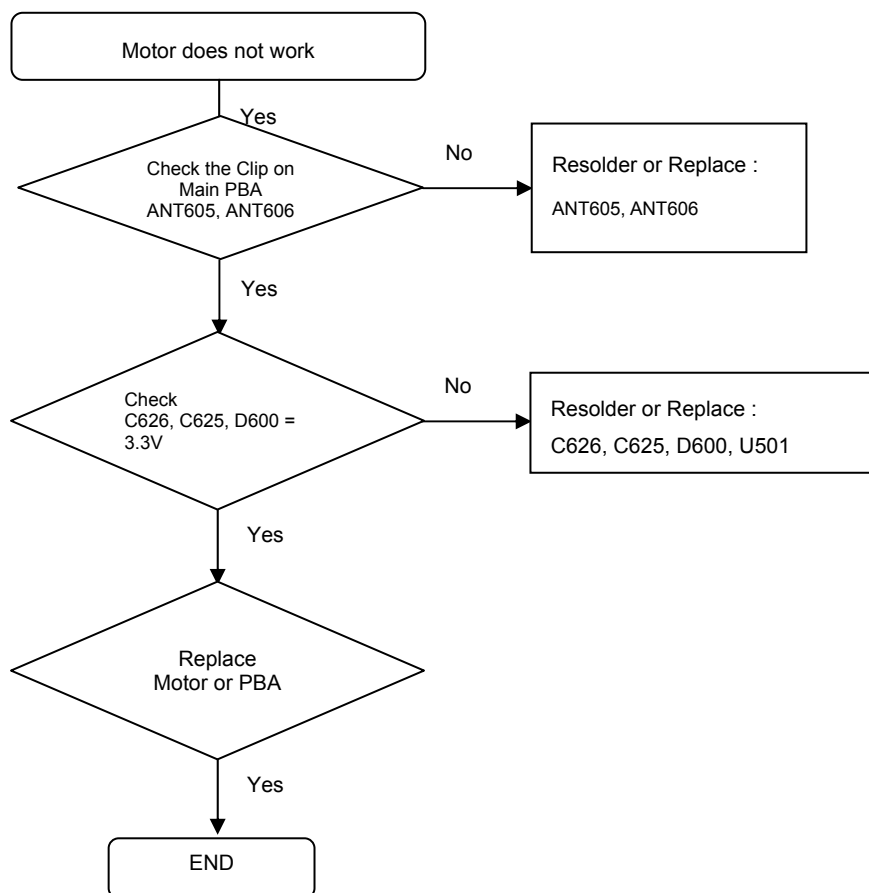
8. Level 3 Repair

8-4-18. TSP



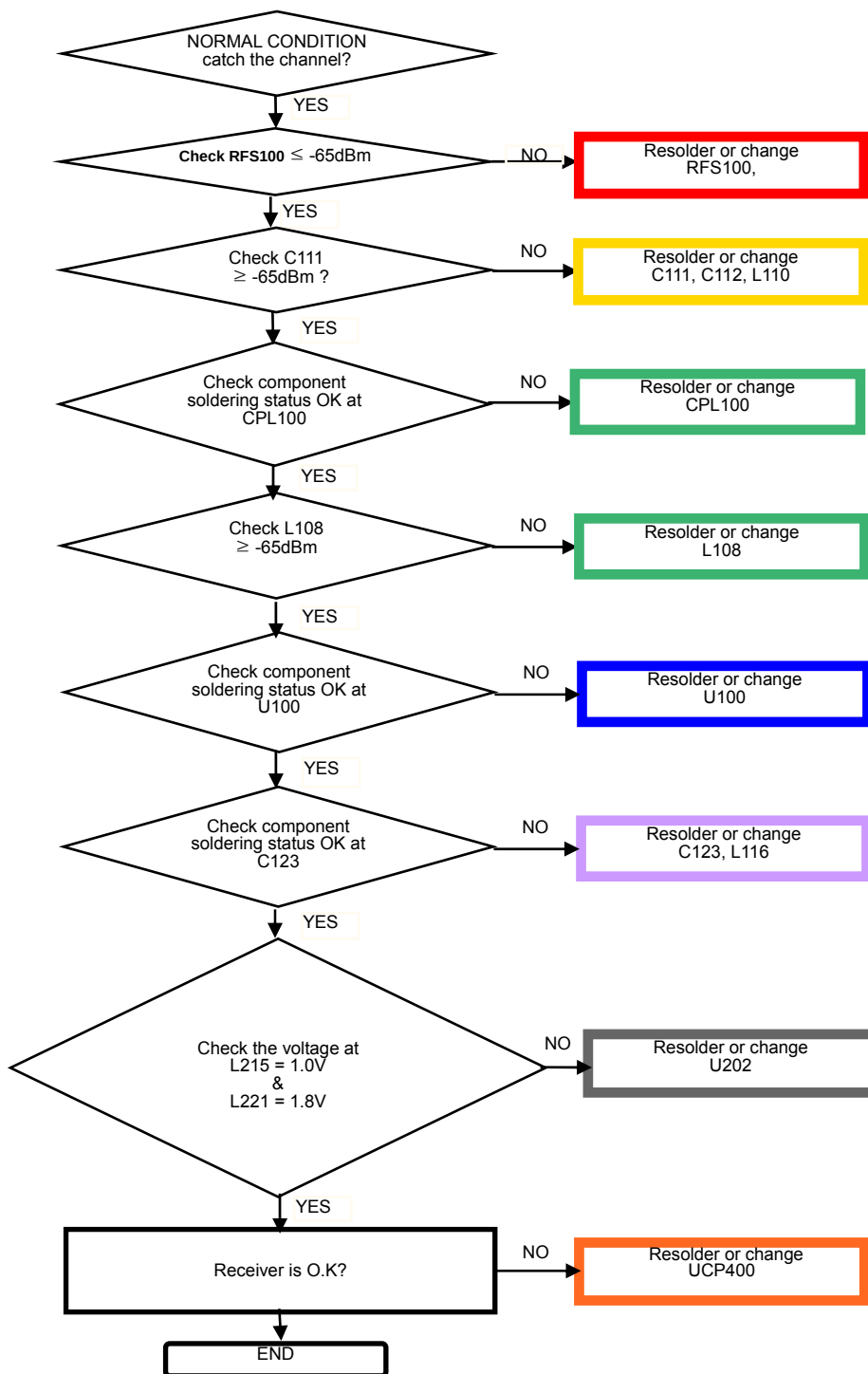
8. Level 3 Repair

8-4-19. Motor



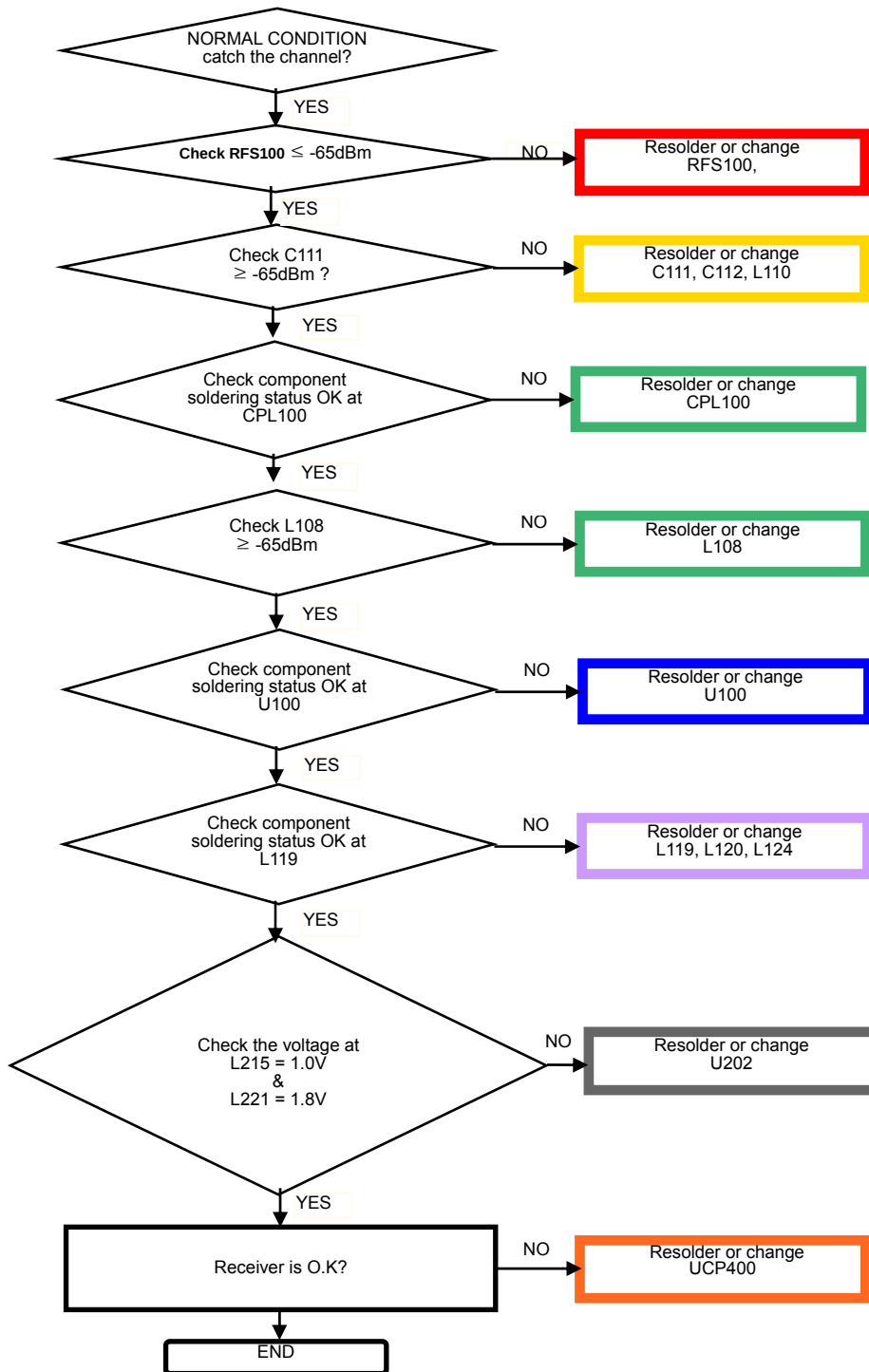
8. Level 3 Repair

8-4-20. GSM850 / WCDMA B5 / LTE B5 RX



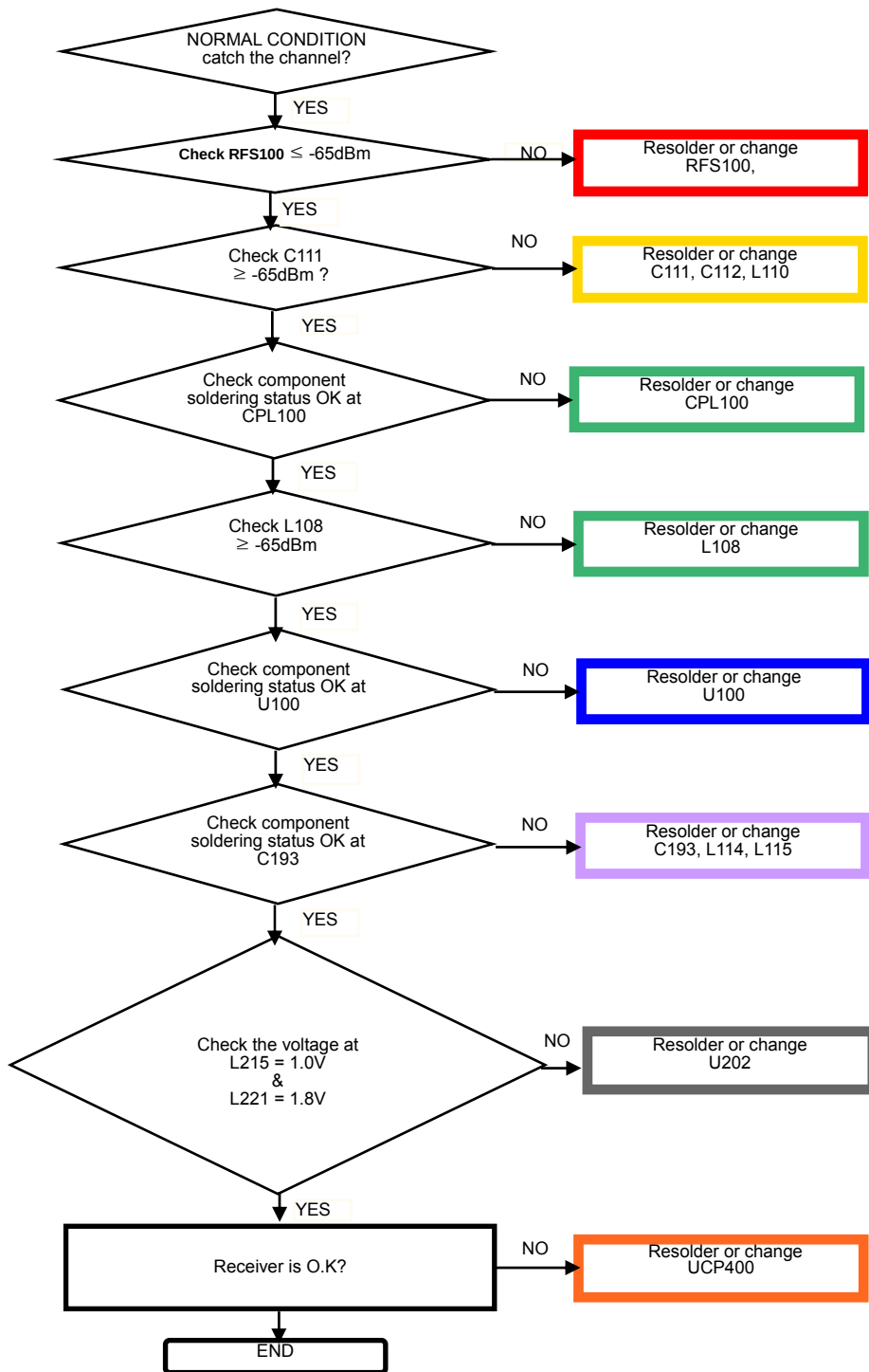
8. Level 3 Repair

8-4-21. GSM900 / WCDMA B8 / LTE B8 RX



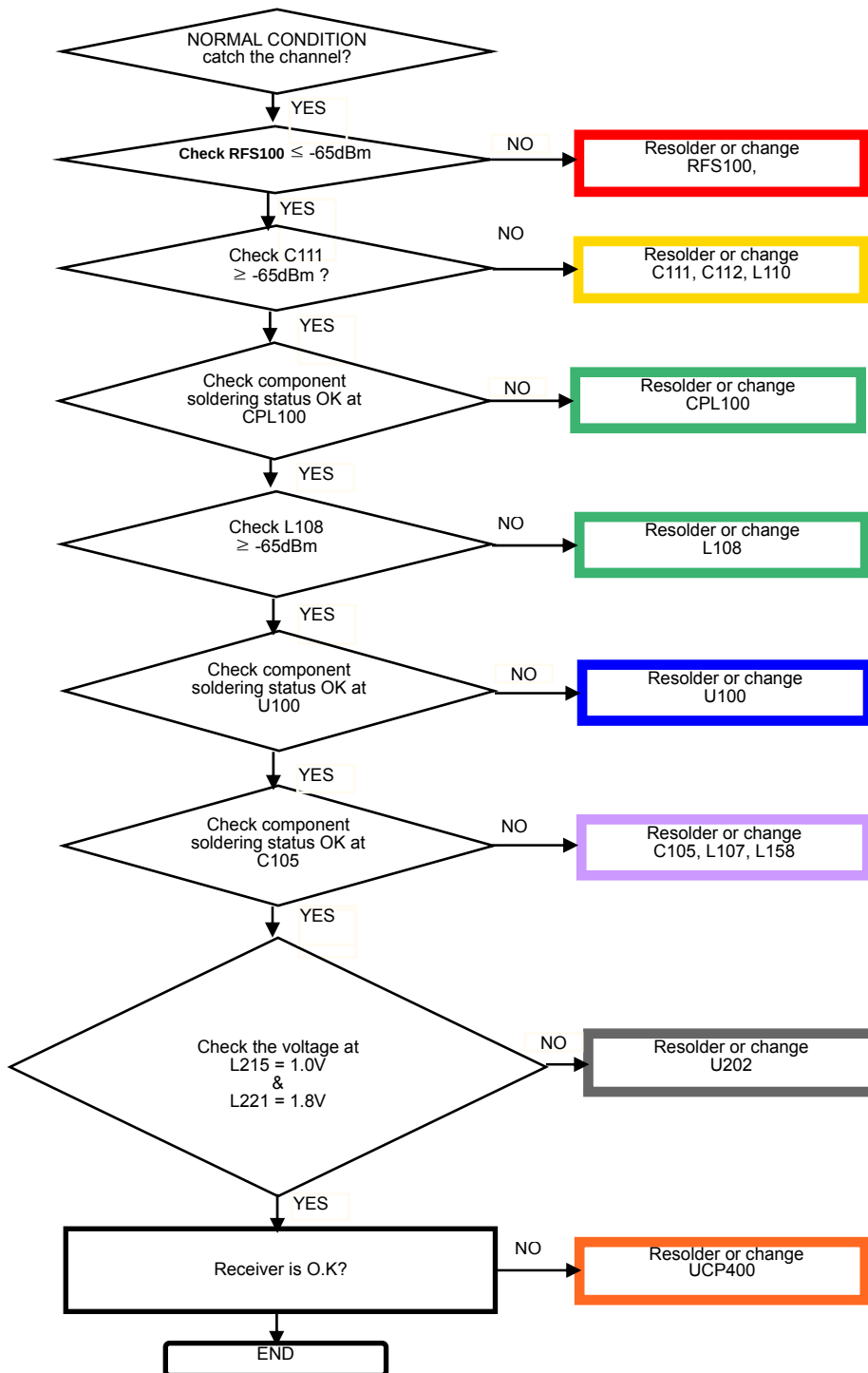
8. Level 3 Repair

8-4-22. DCS1800 / LTE B3 RX



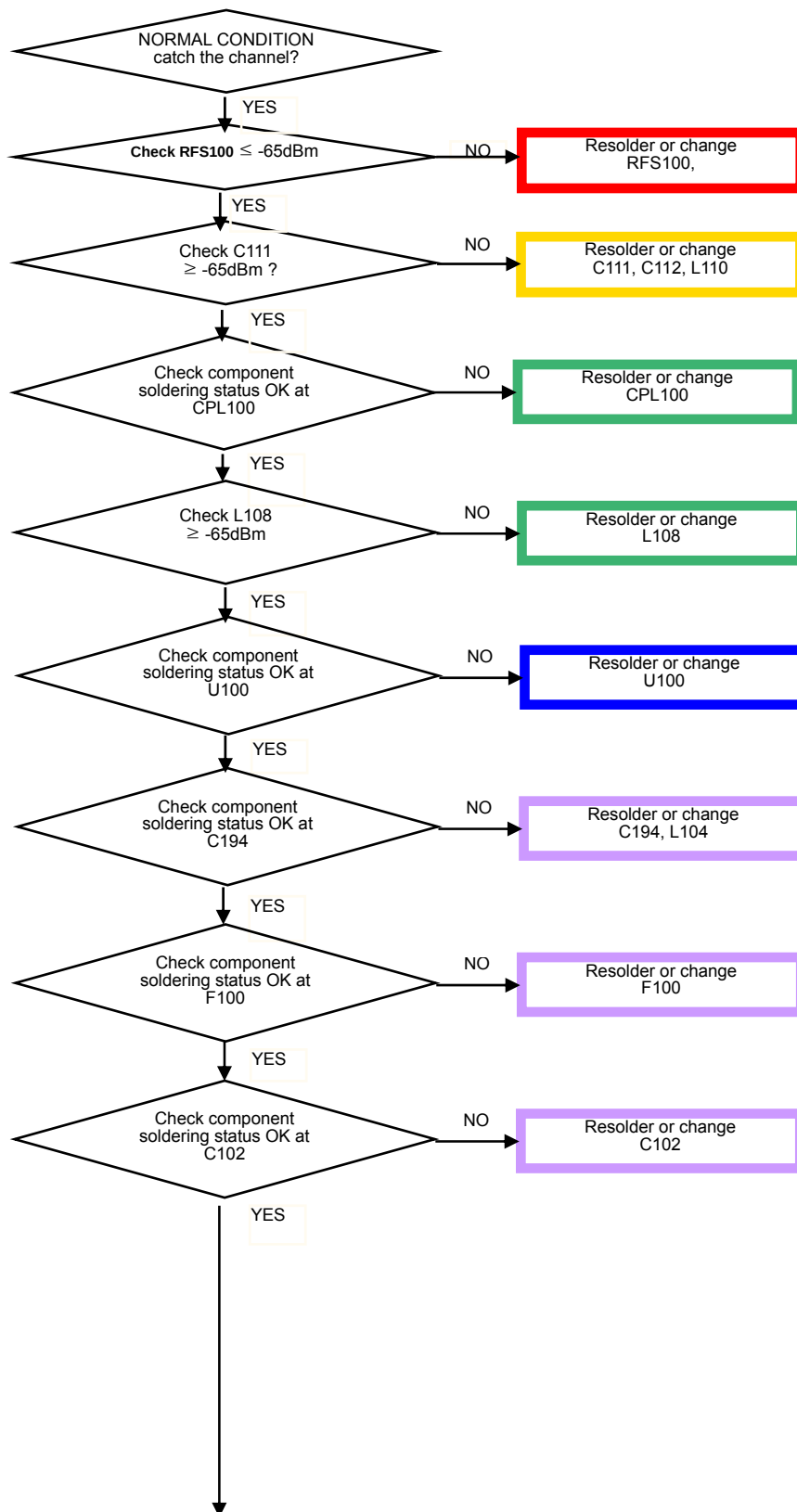
8. Level 3 Repair

8-4-23. PCS1900 / WCDMA B2 / LTE B2 RX

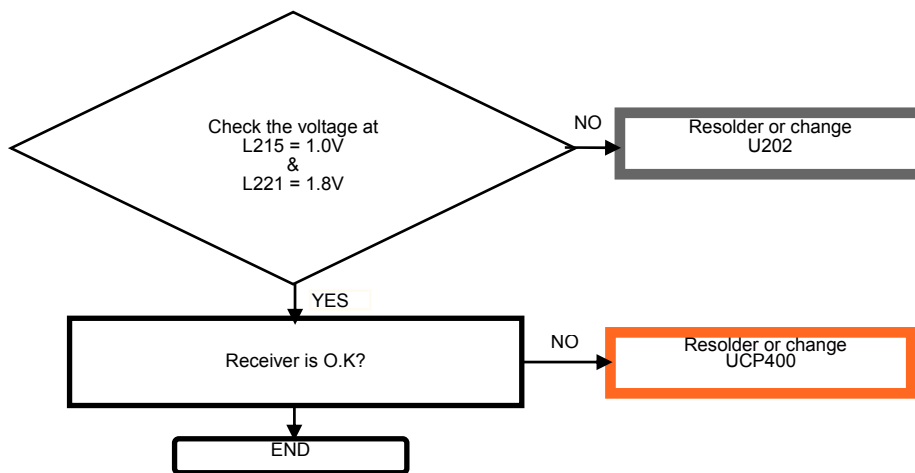


8. Level 3 Repair

8-4-24. WCDMA B1 / LTE B1 RX

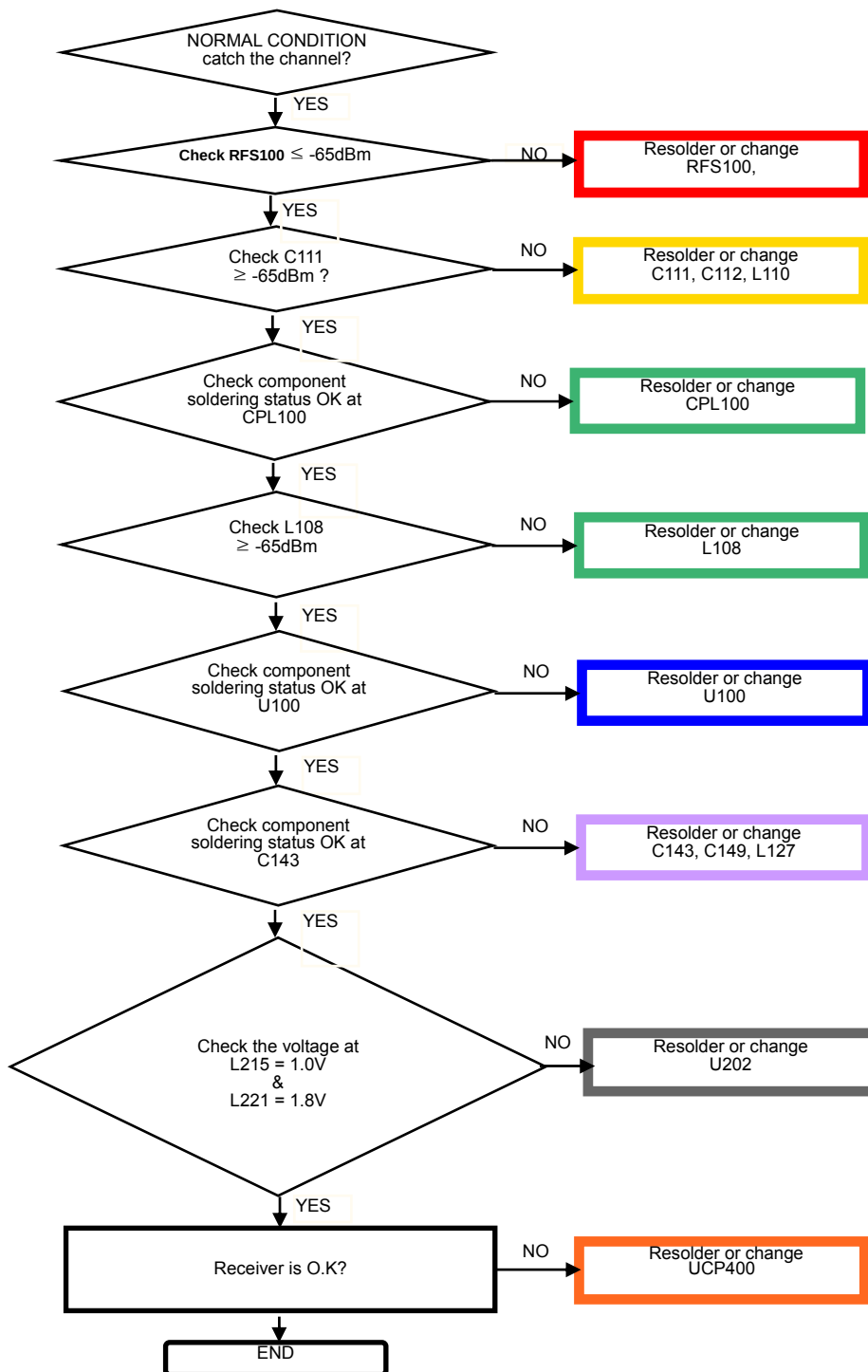


8. Level 3 Repair



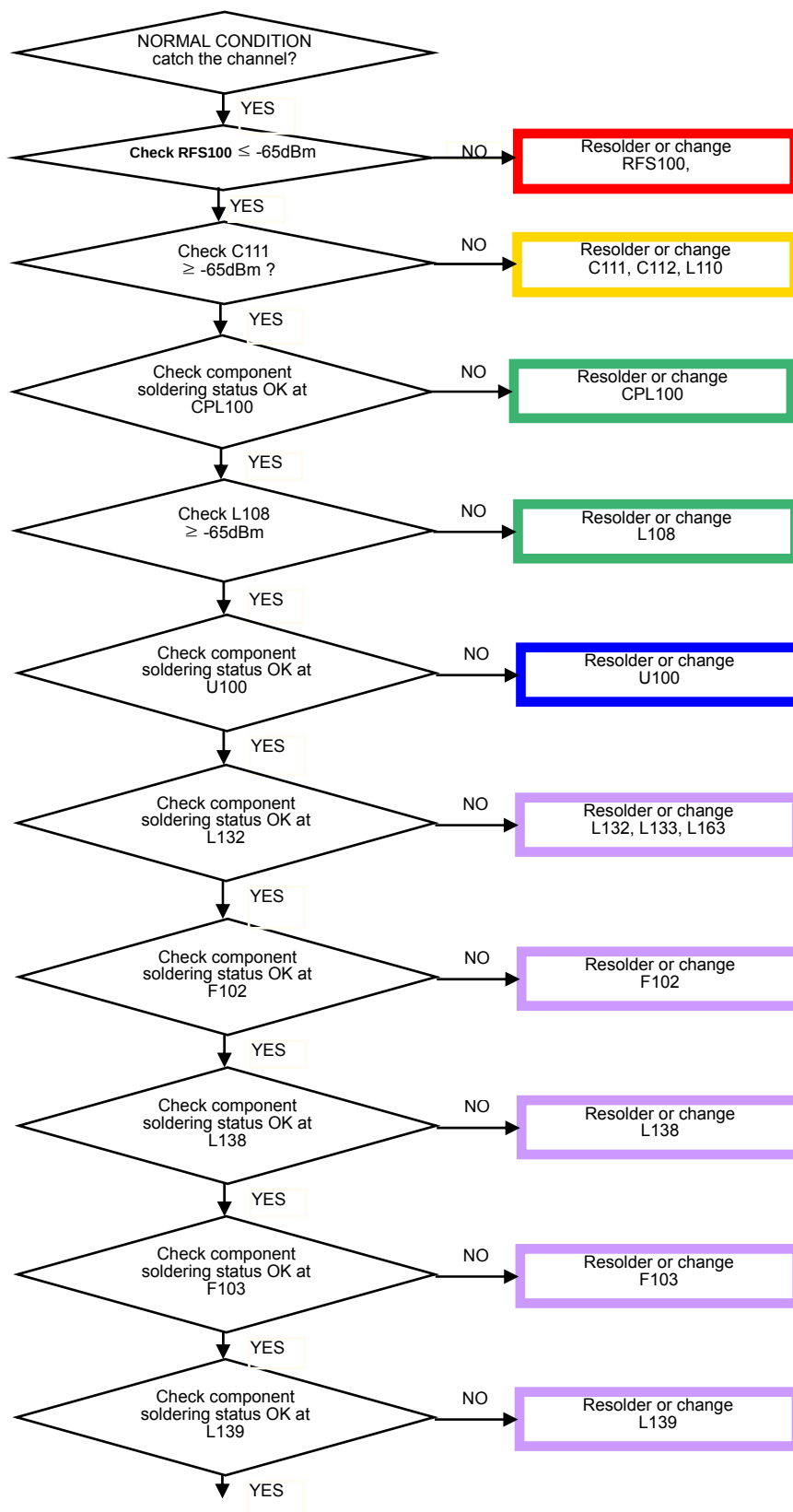
8. Level 3 Repair

8-4-25. LTE B20 RX

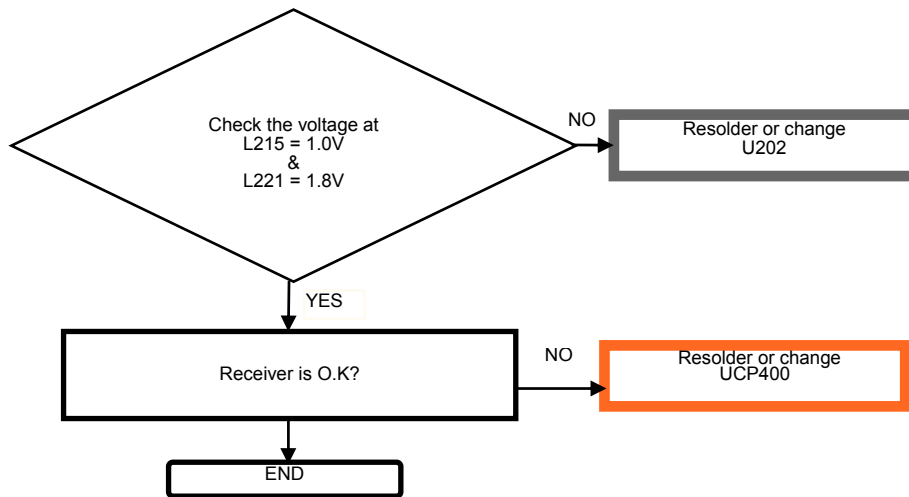


8. Level 3 Repair

8-4-26. LTE B7 RX

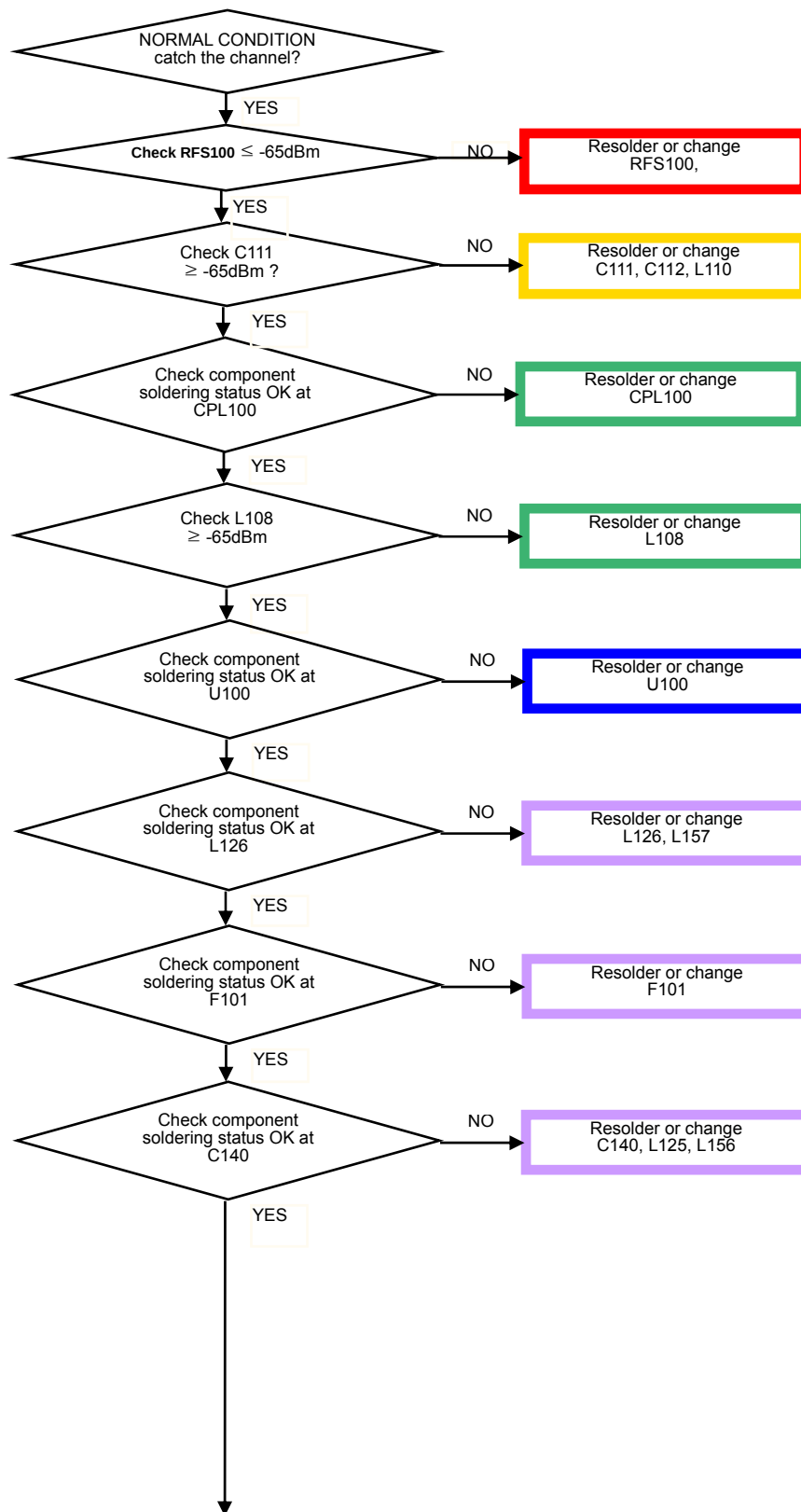


8. Level 3 Repair

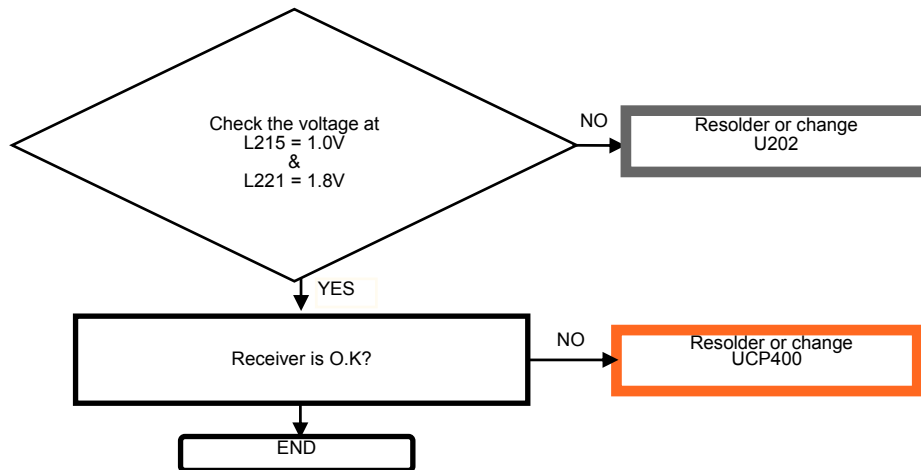


8. Level 3 Repair

8-4-27. LTE B40 RX

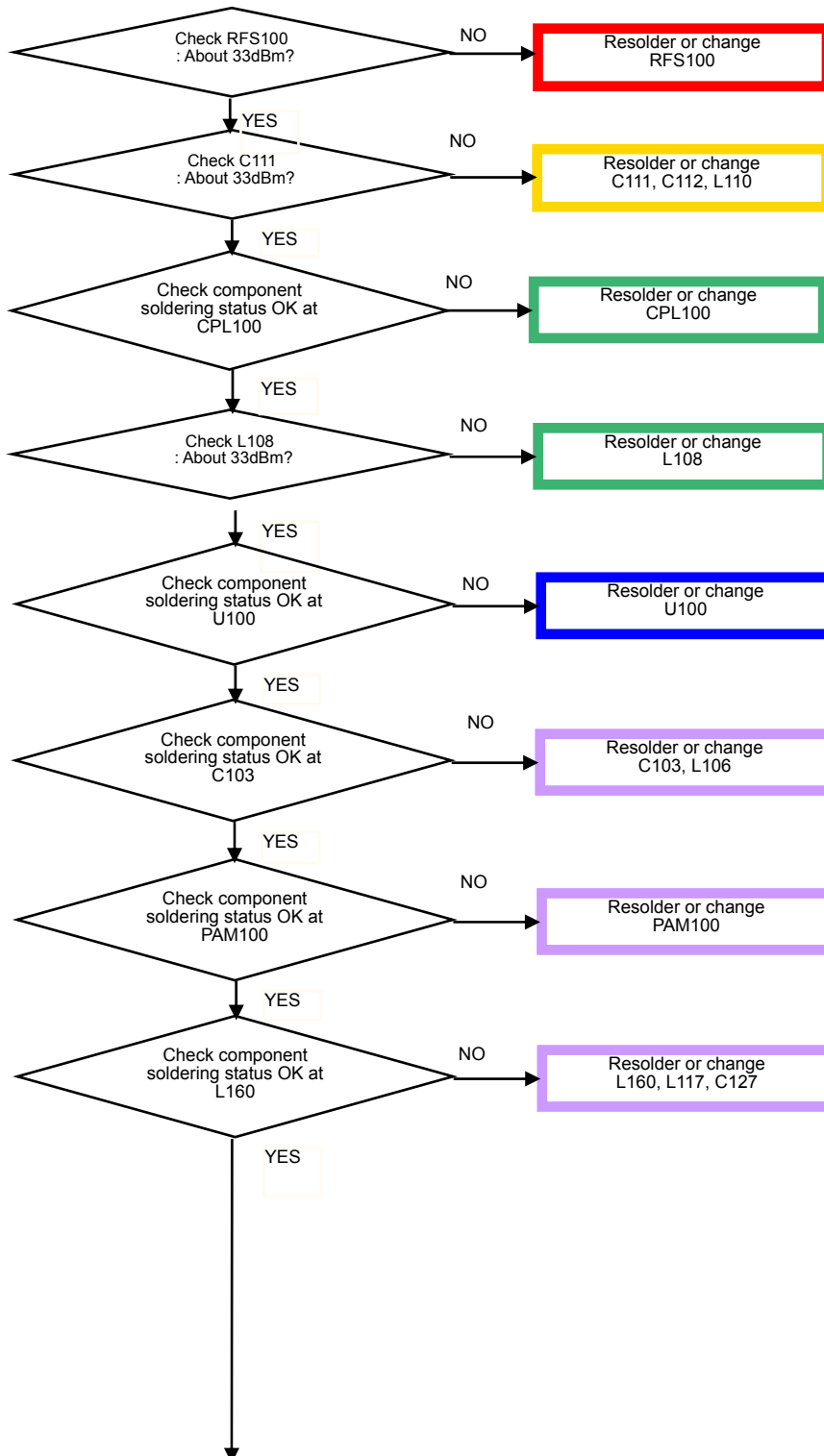


8. Level 3 Repair

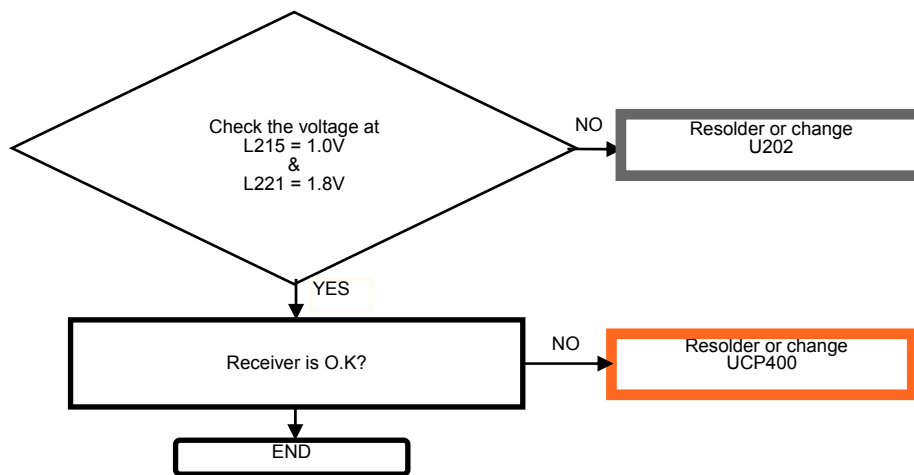


8. Level 3 Repair

8-4-28. GSM850, GSM900 TX

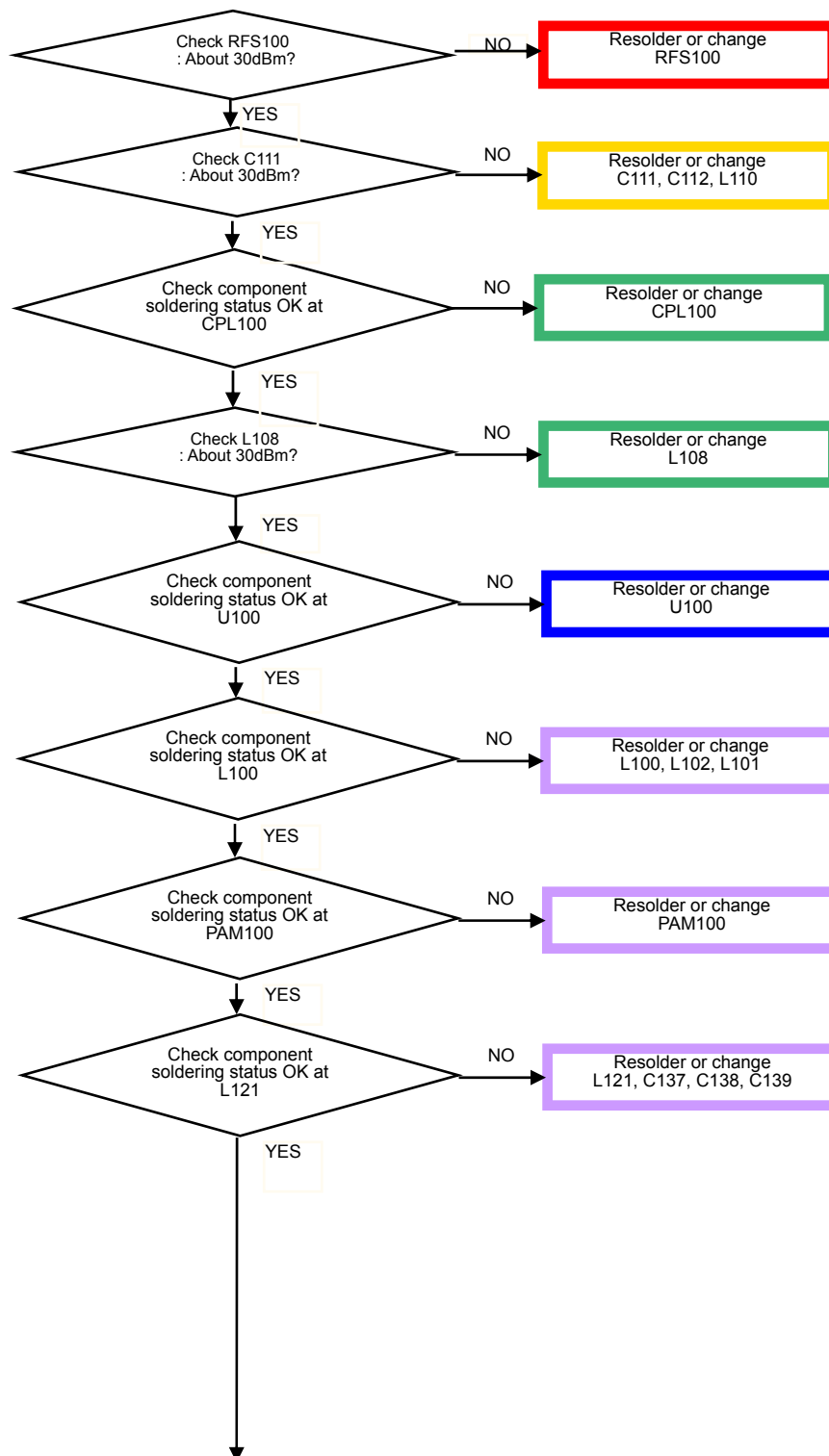


8. Level 3 Repair

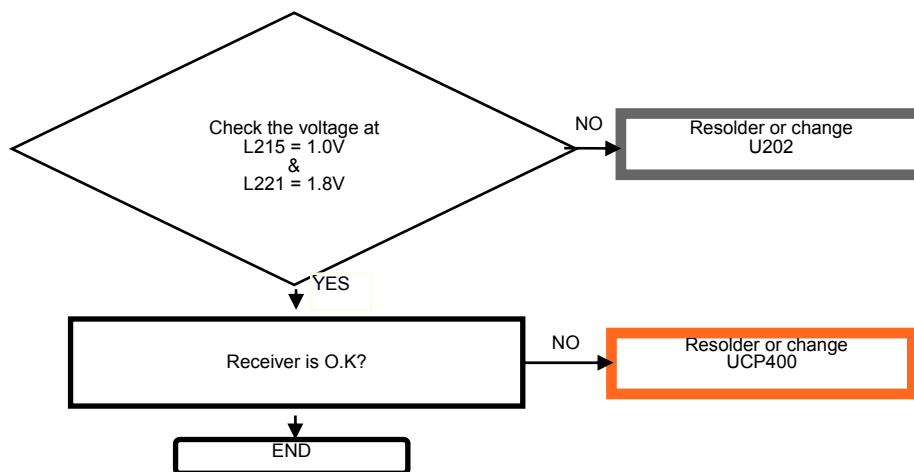


8. Level 3 Repair

8-4-29. DCS1800 / PCS1900 TX

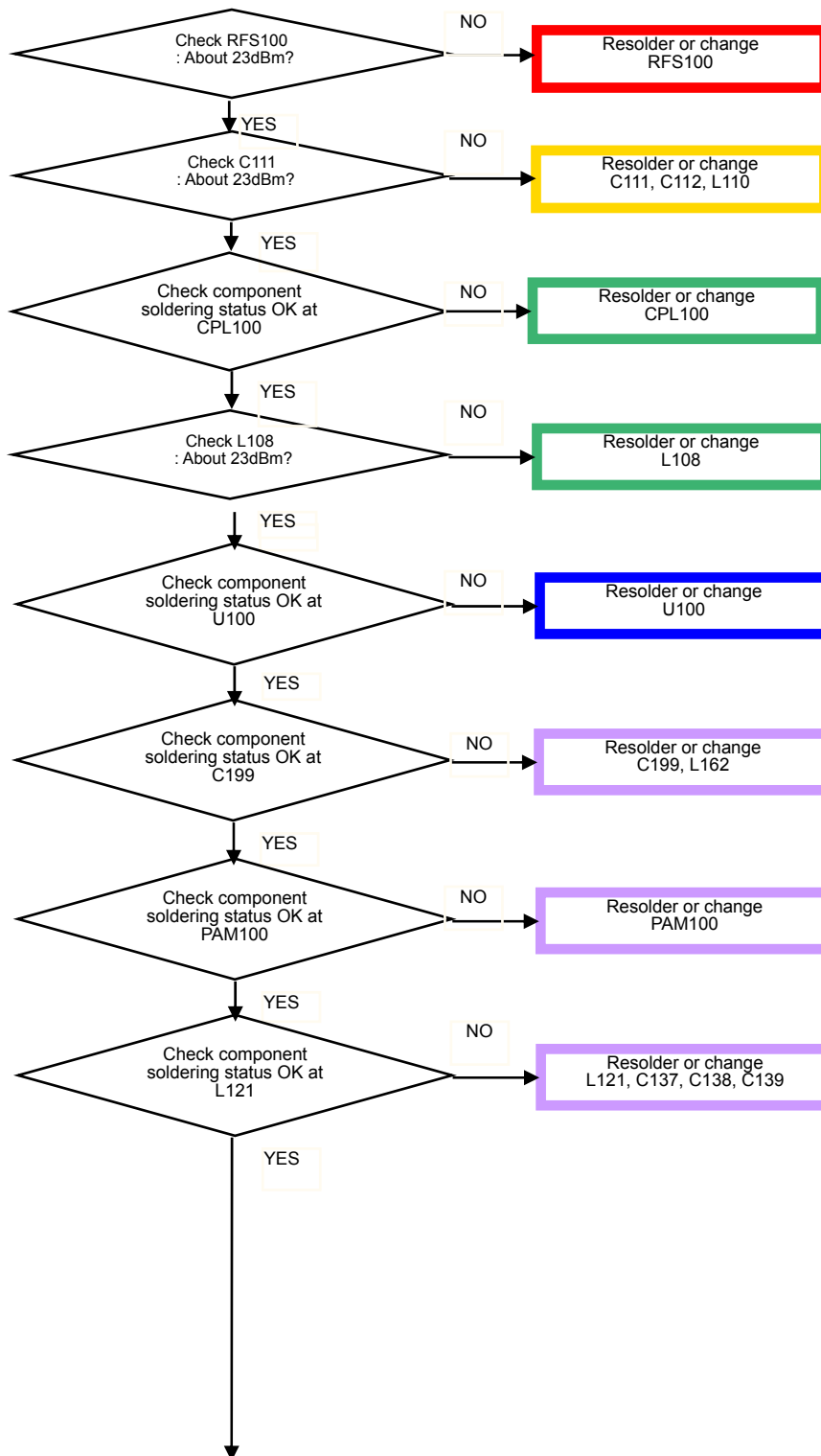


8. Level 3 Repair

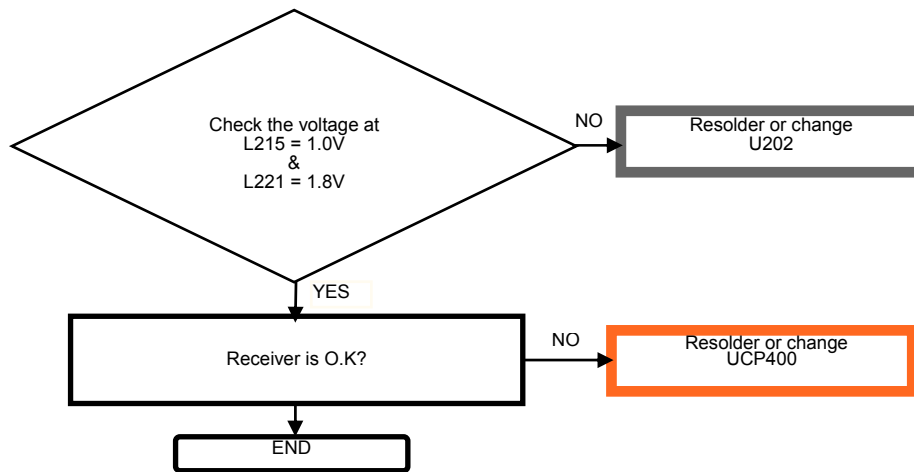


8. Level 3 Repair

8-4-30. WCDMA B1 / LTE B1 TX

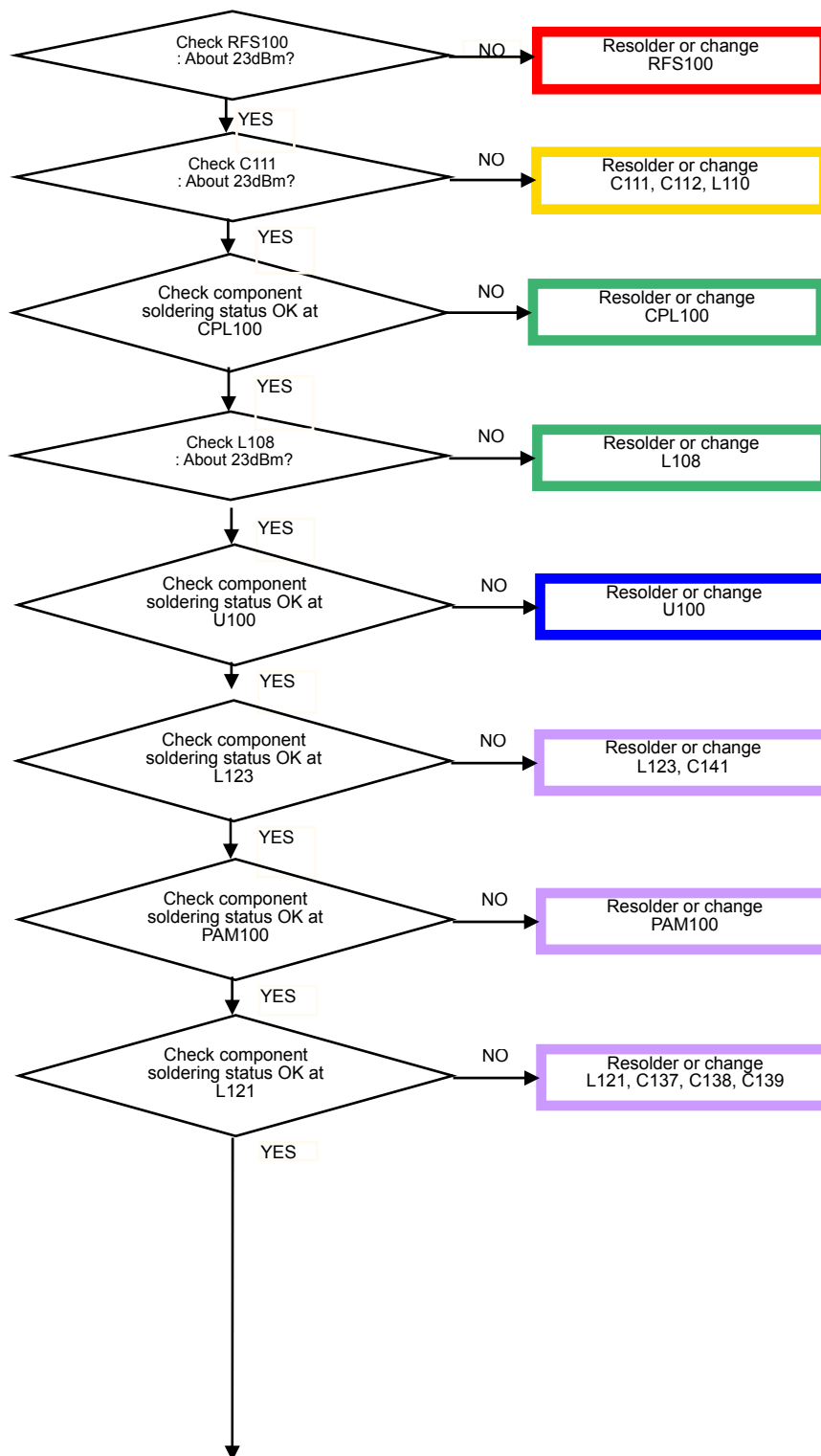


8. Level 3 Repair

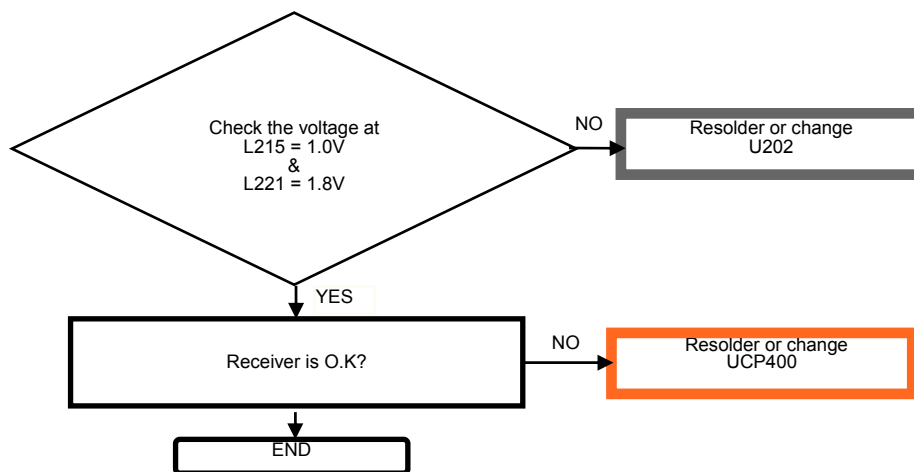


8. Level 3 Repair

8-4-31. WCDMA B2 TX

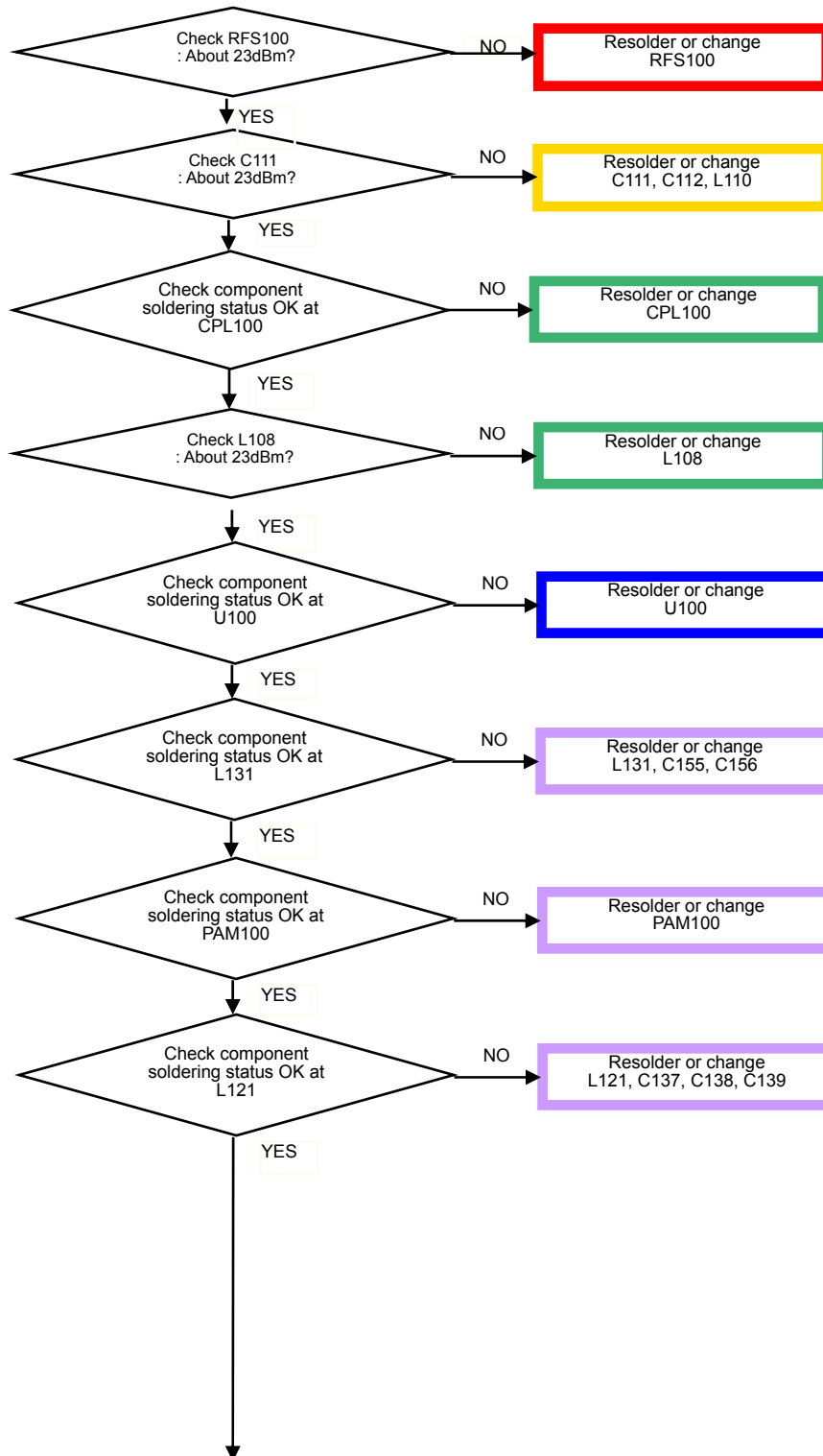


8. Level 3 Repair

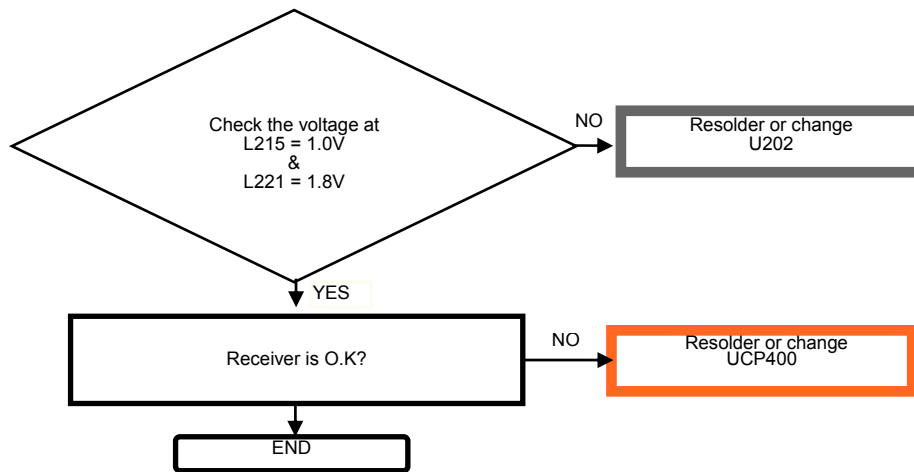


8. Level 3 Repair

8-4-32. LTE B3 TX

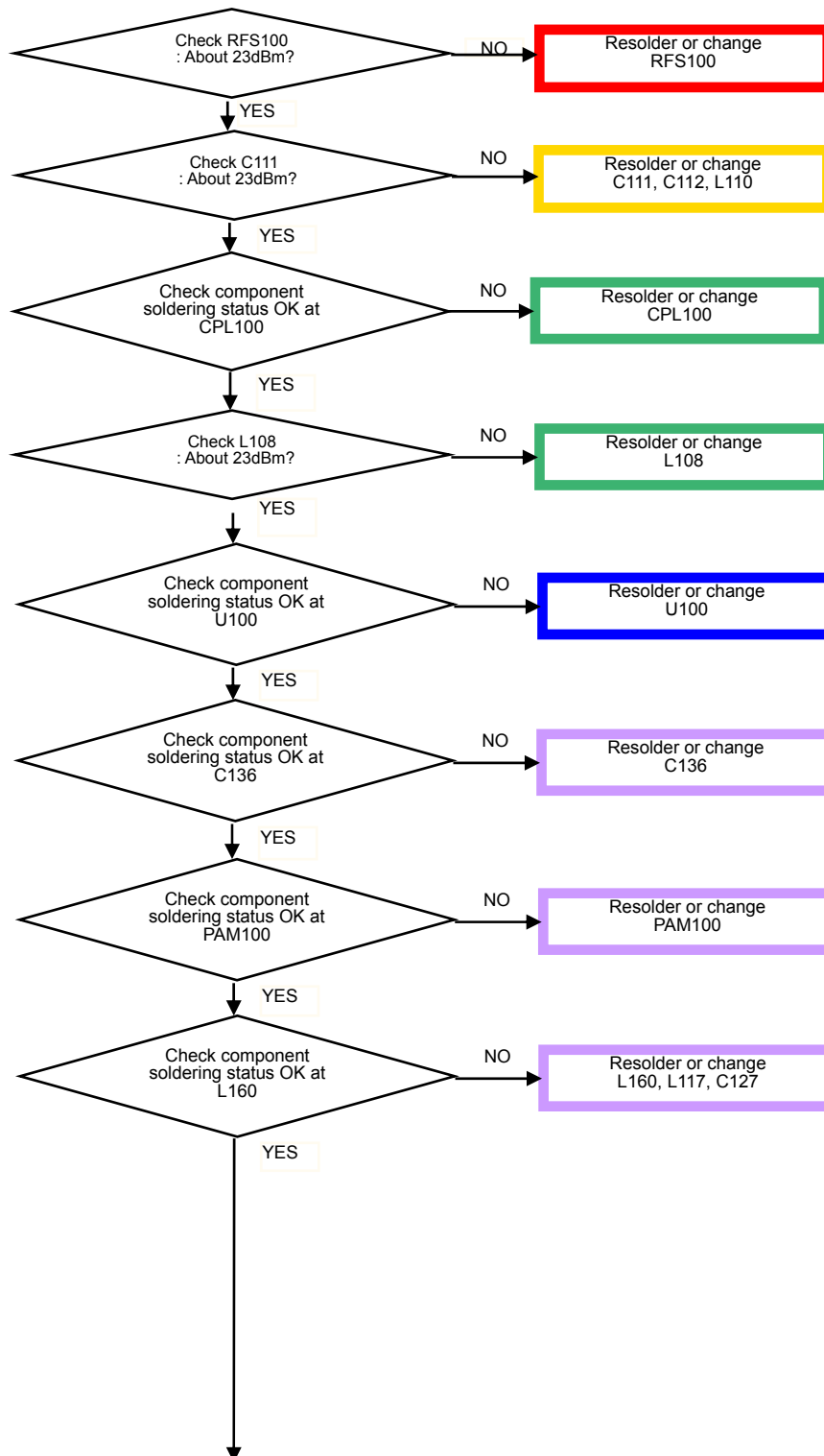


8. Level 3 Repair

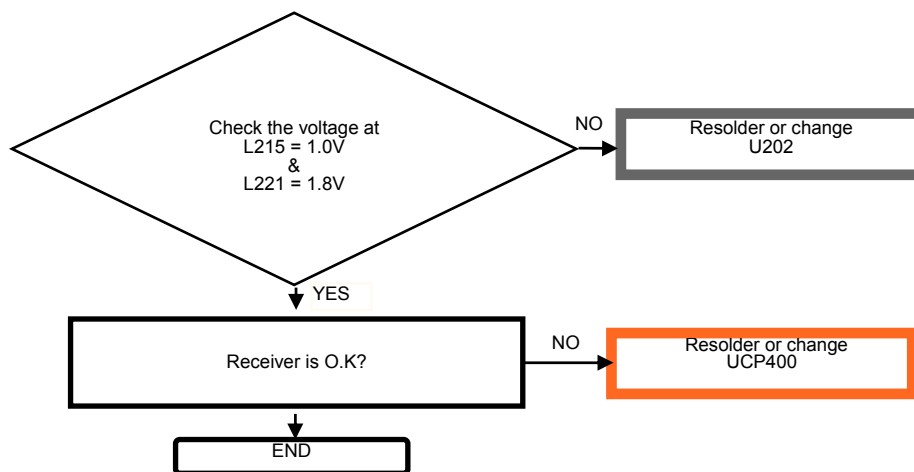


8. Level 3 Repair

8-4-33. WCDMA B5 / LTE B5 TX

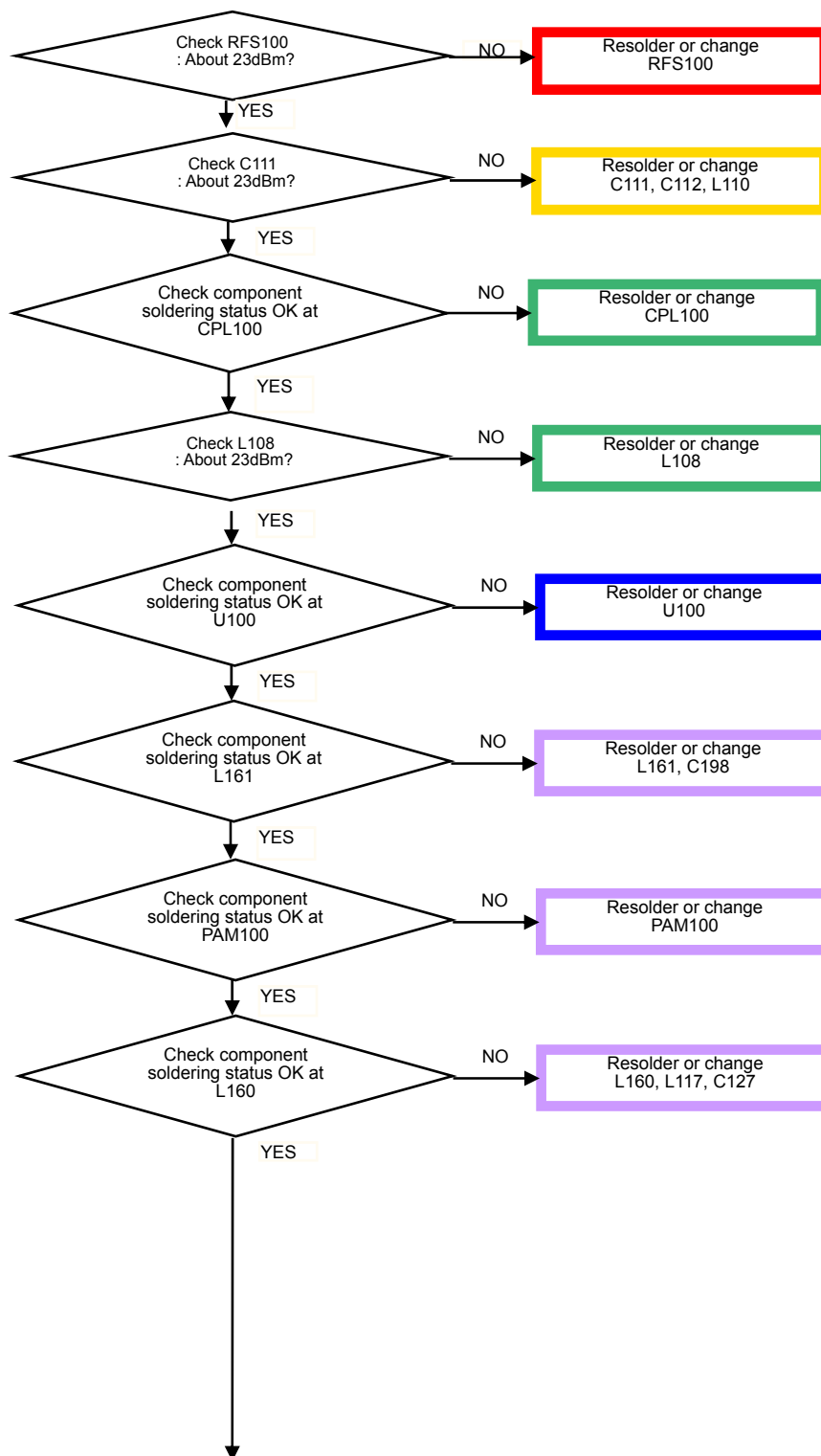


8. Level 3 Repair

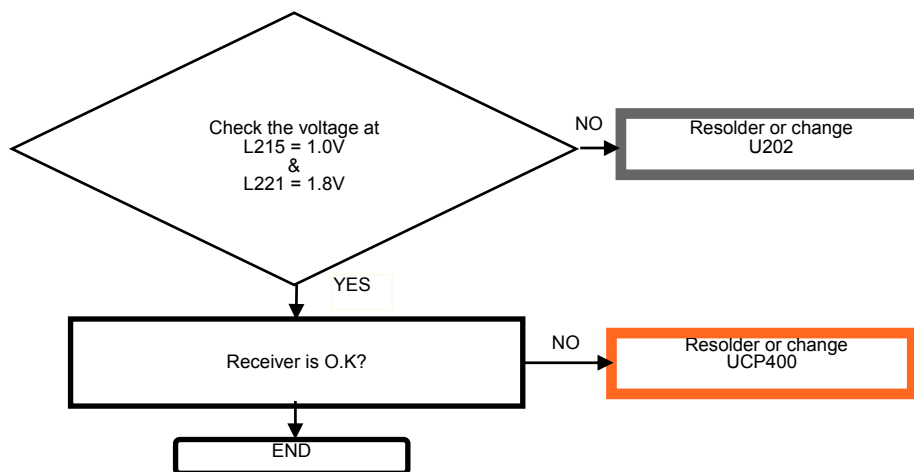


8. Level 3 Repair

8-4-34. WCDMA B8 / LTE B8 TX

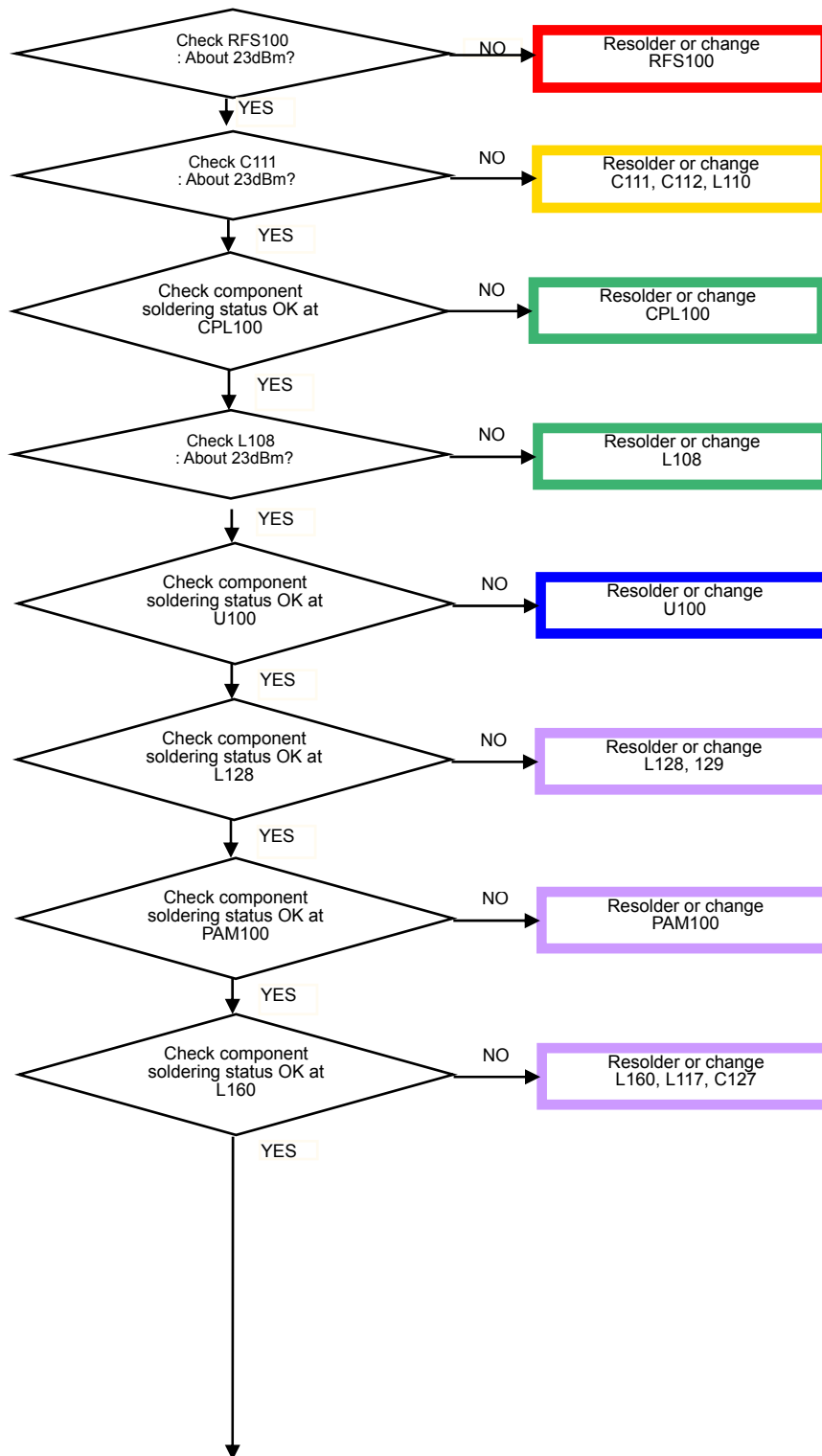


8. Level 3 Repair

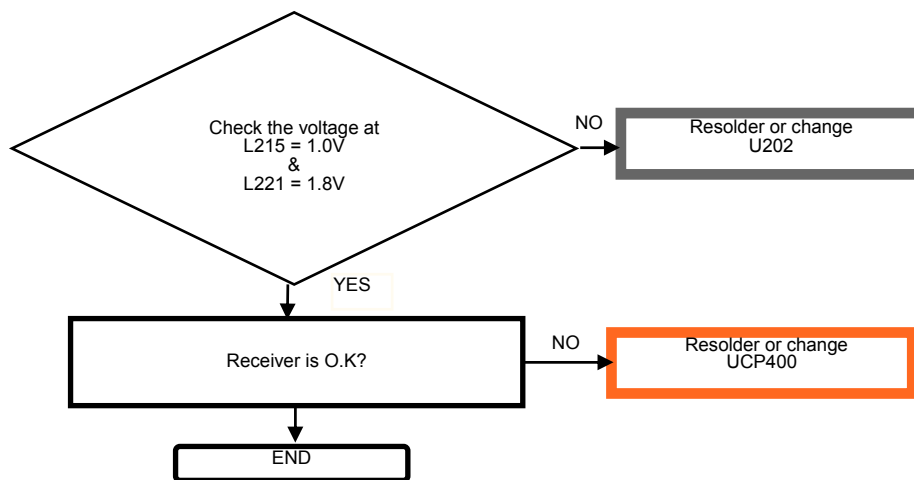


8. Level 3 Repair

8-4-35. LTE B20 TX

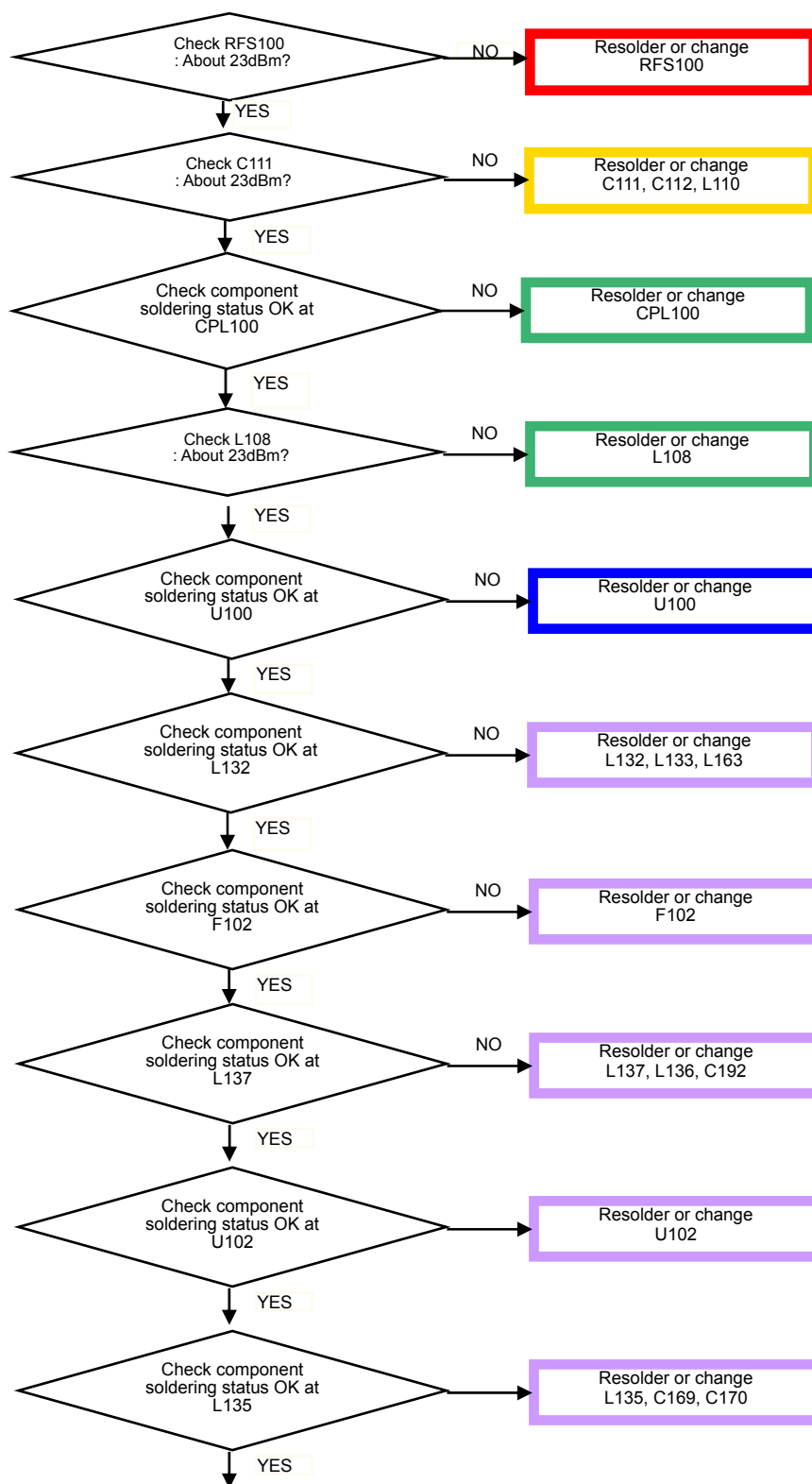


8. Level 3 Repair

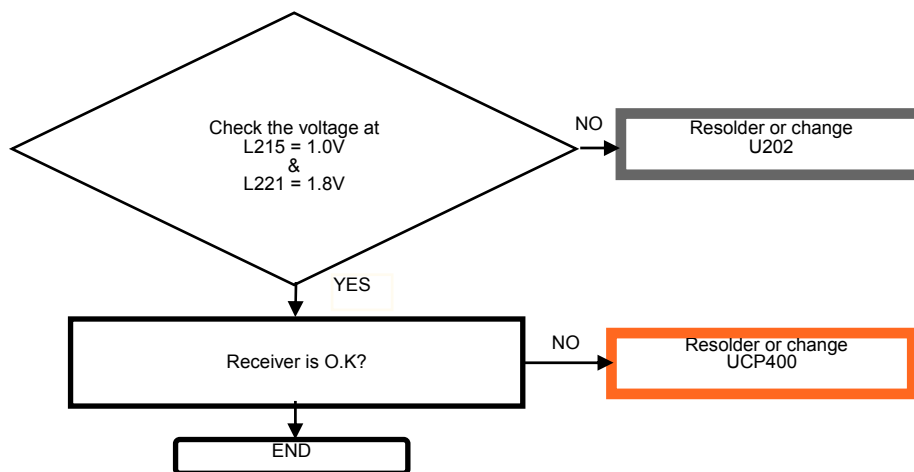


8. Level 3 Repair

8-4-36. LTE B7 TX

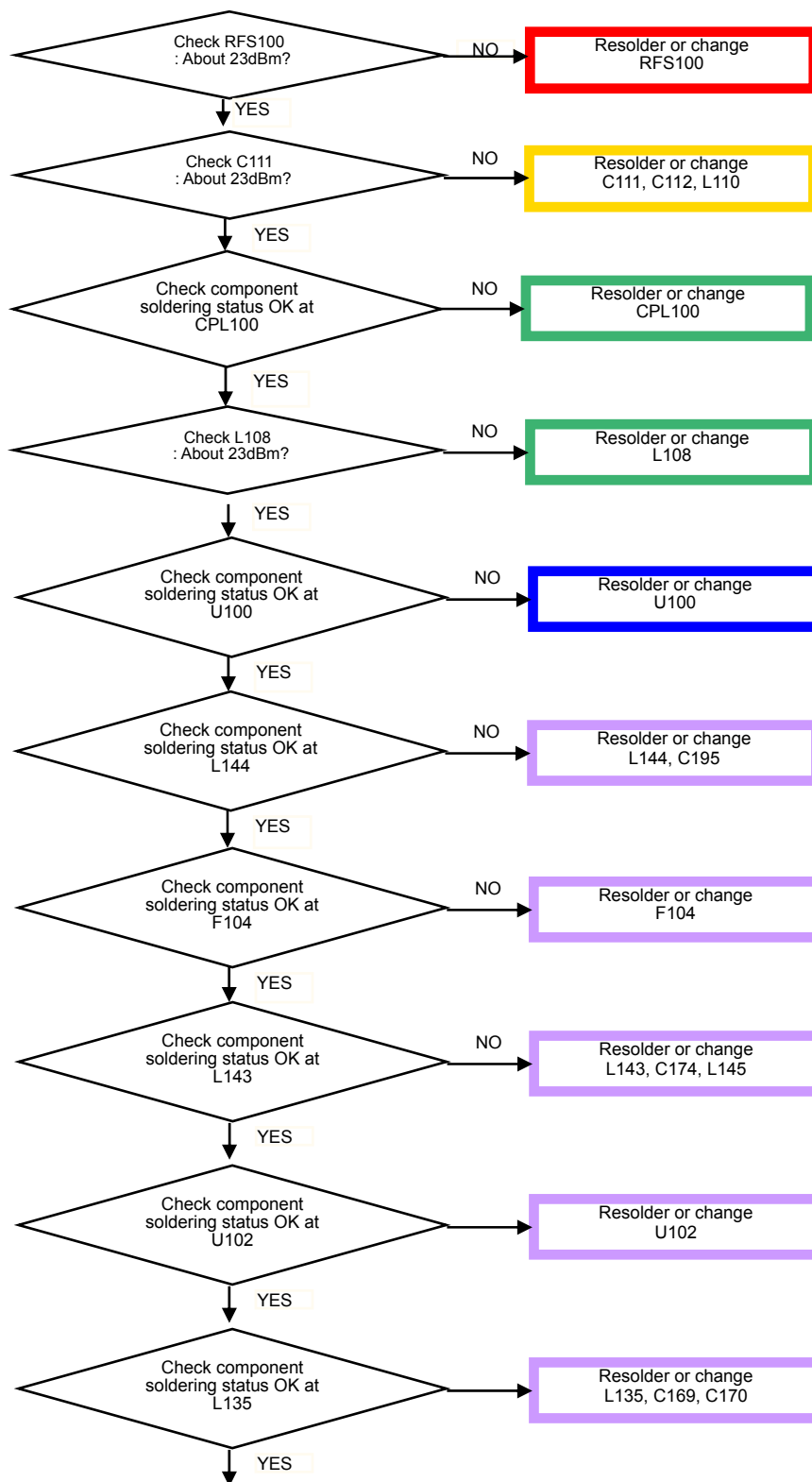


8. Level 3 Repair



8. Level 3 Repair

8-4-37. LTE B40 TX



8. Level 3 Repair

