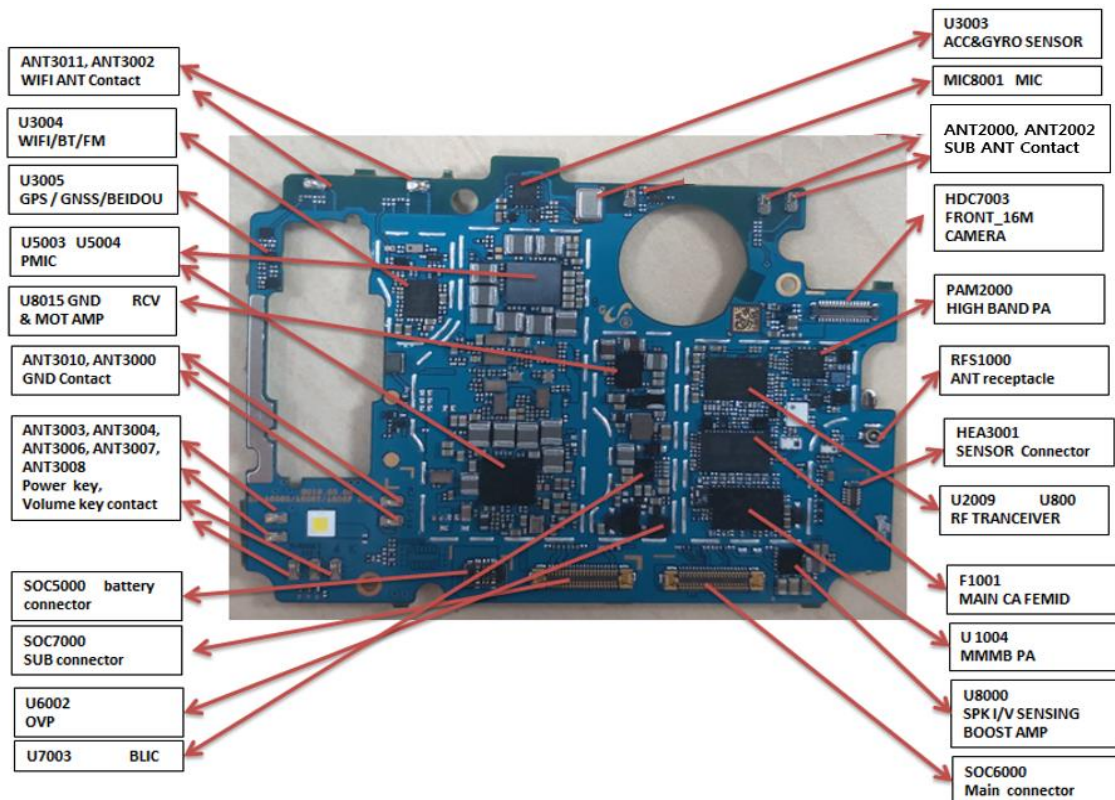
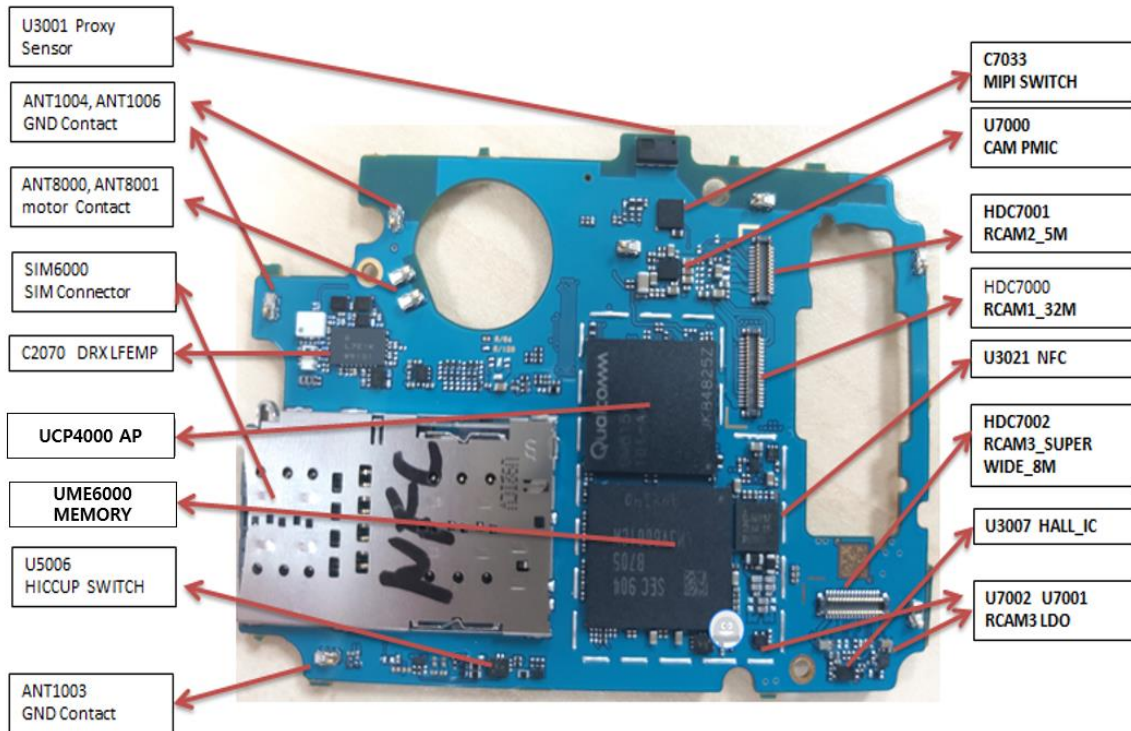
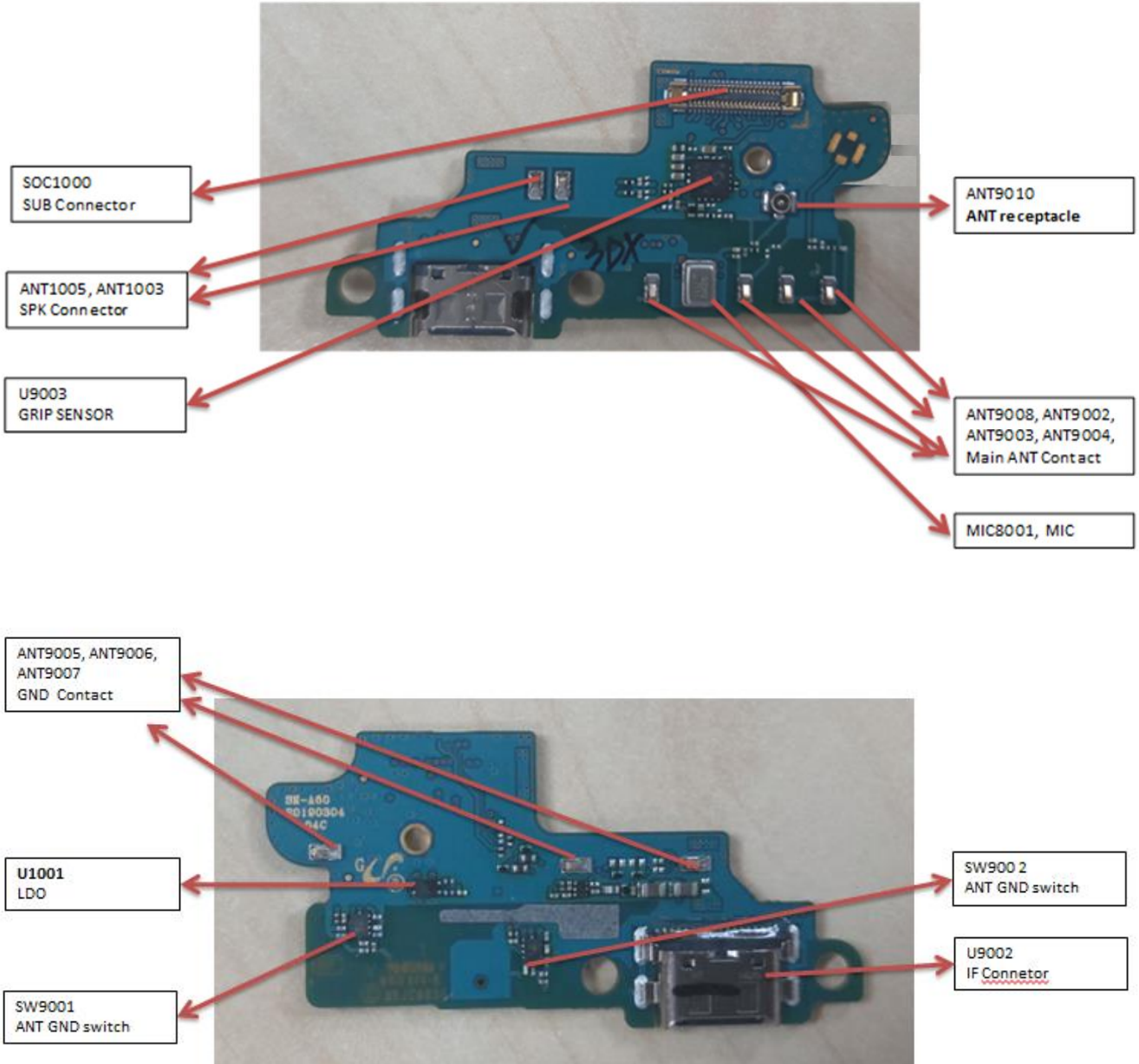


8. Level 3 Repair

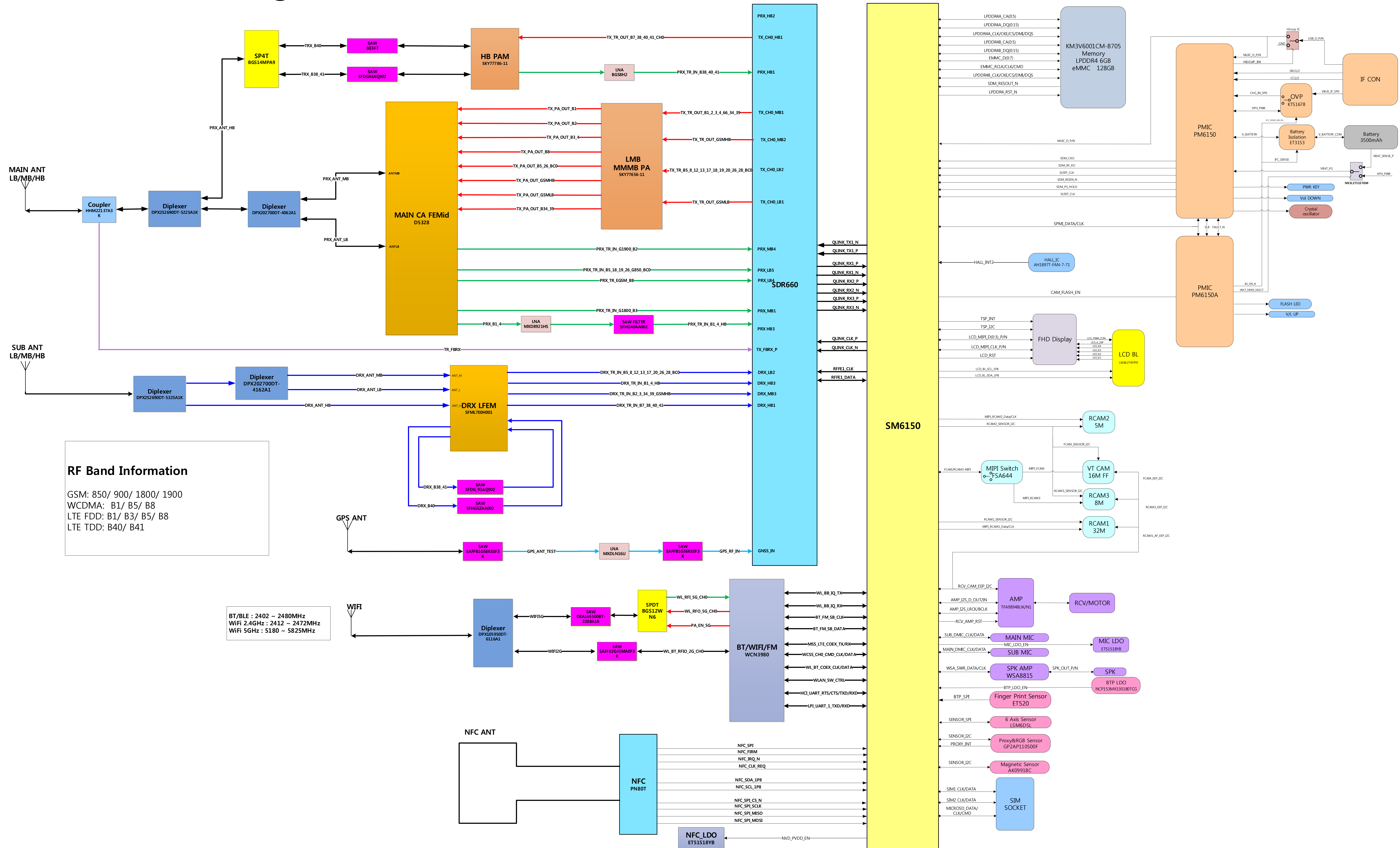
8-1. Components Layout

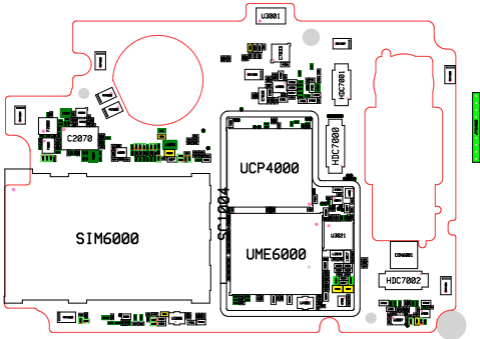


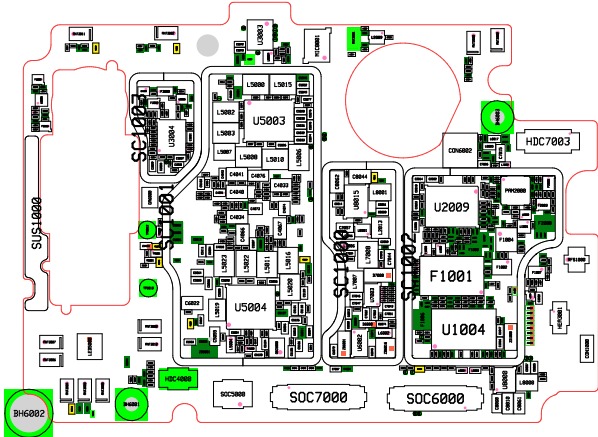
8. Level 3 Repair



SM-M405F REV0.1 Block Diagram

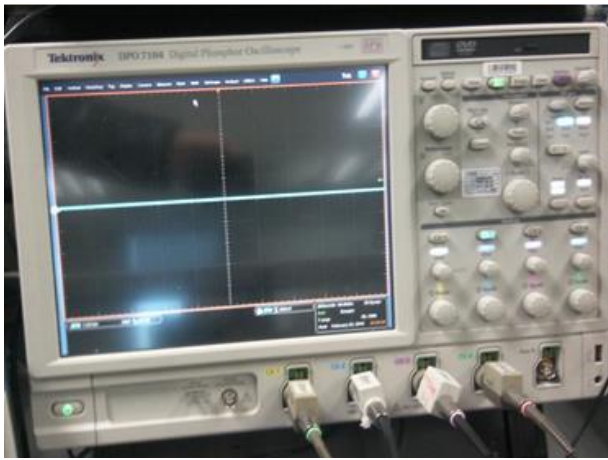






8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



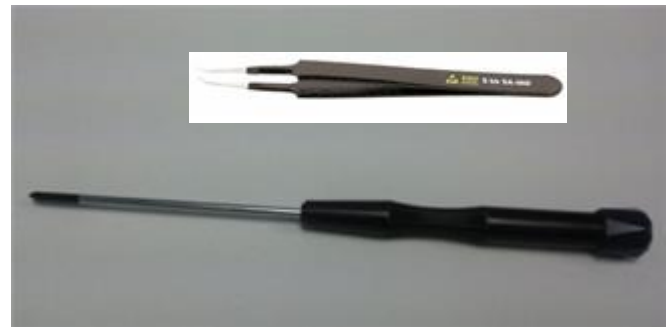
Oscilloscope



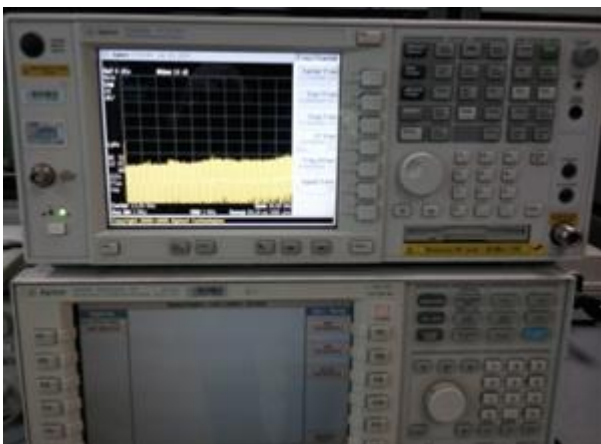
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



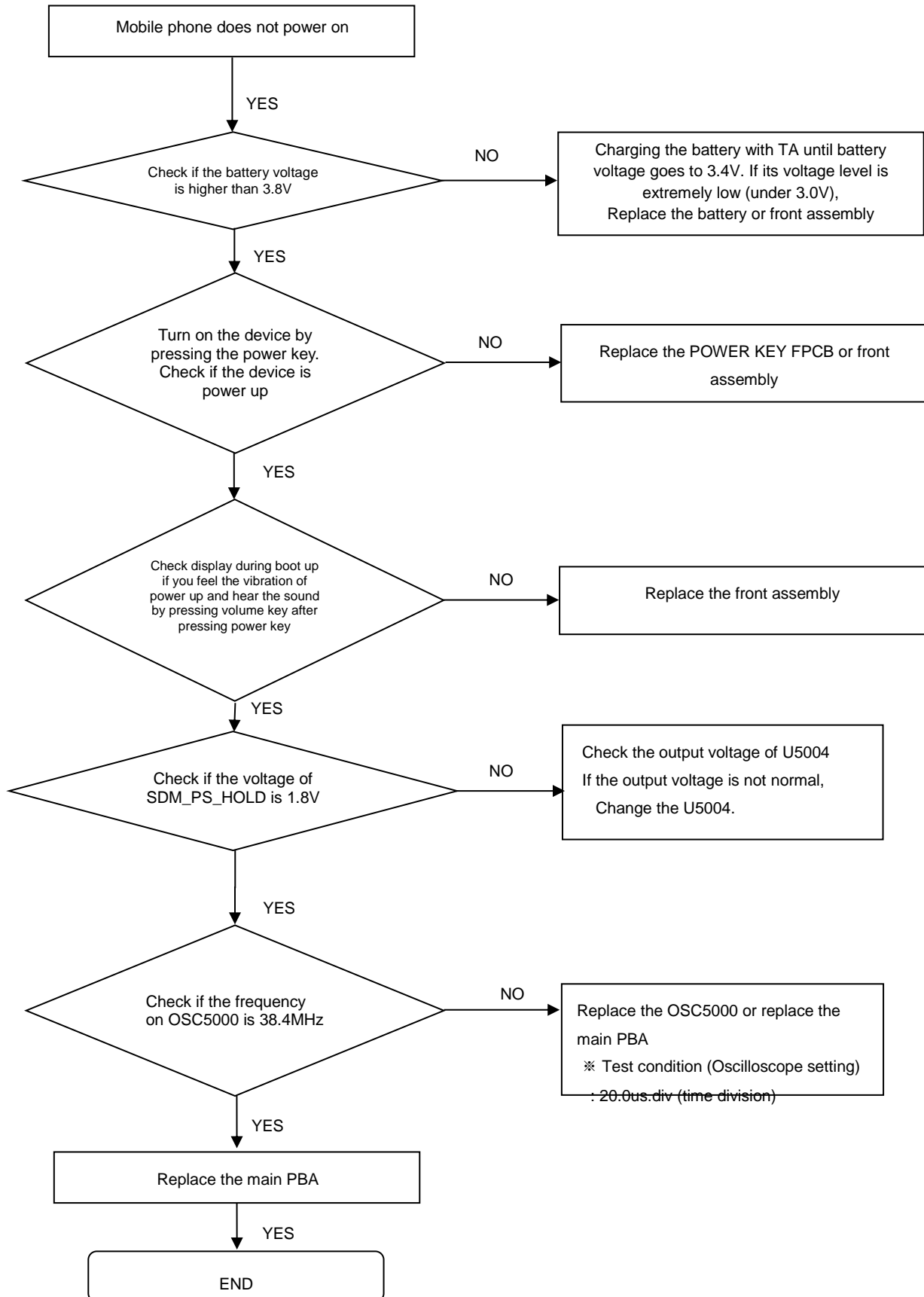
8960 & Spectrum Analyzer



Soldering iron

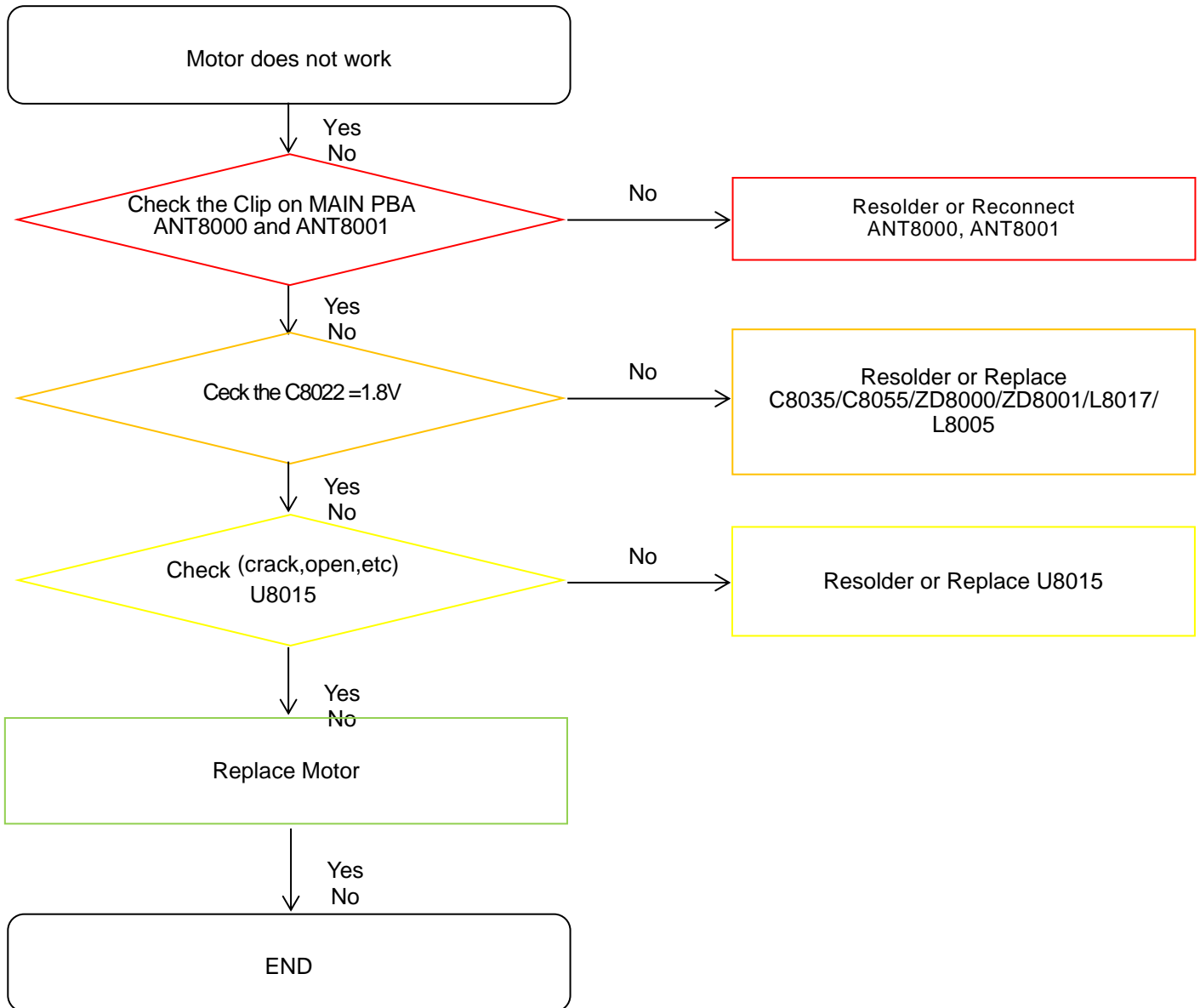
8. Level 3 Repair

8-4-1. Power on



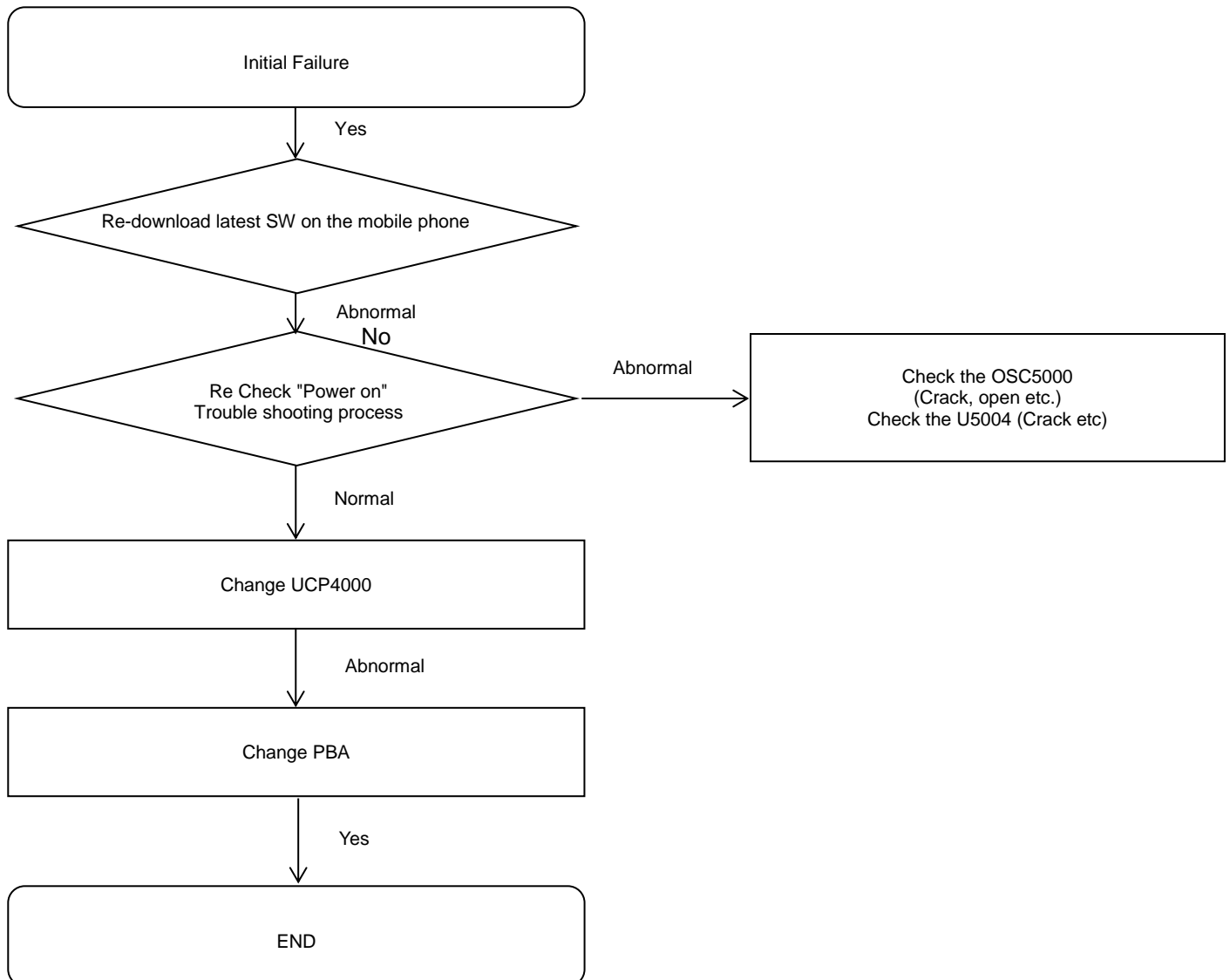
8. Level 3 Repair

8-4-2. Motor



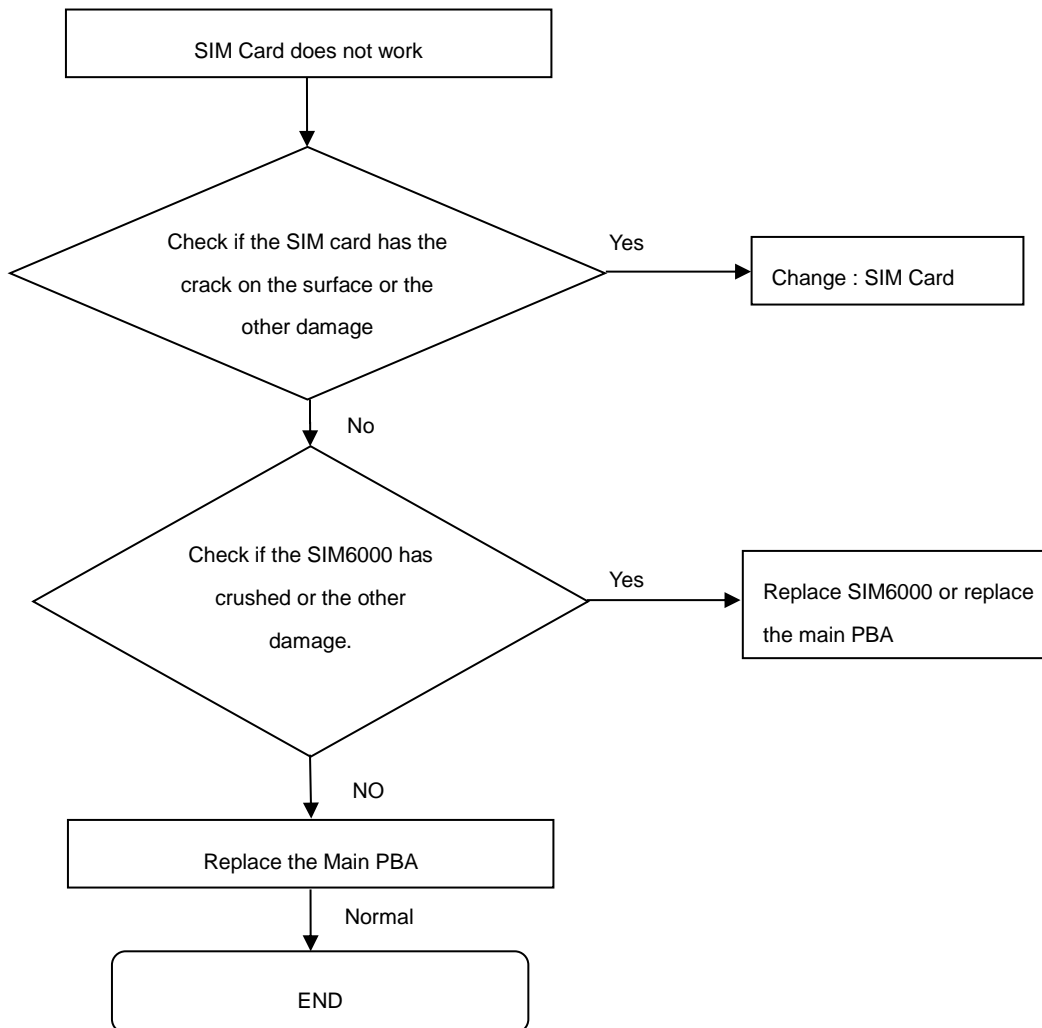
8. Level 3 Repair

8-4-3. initial



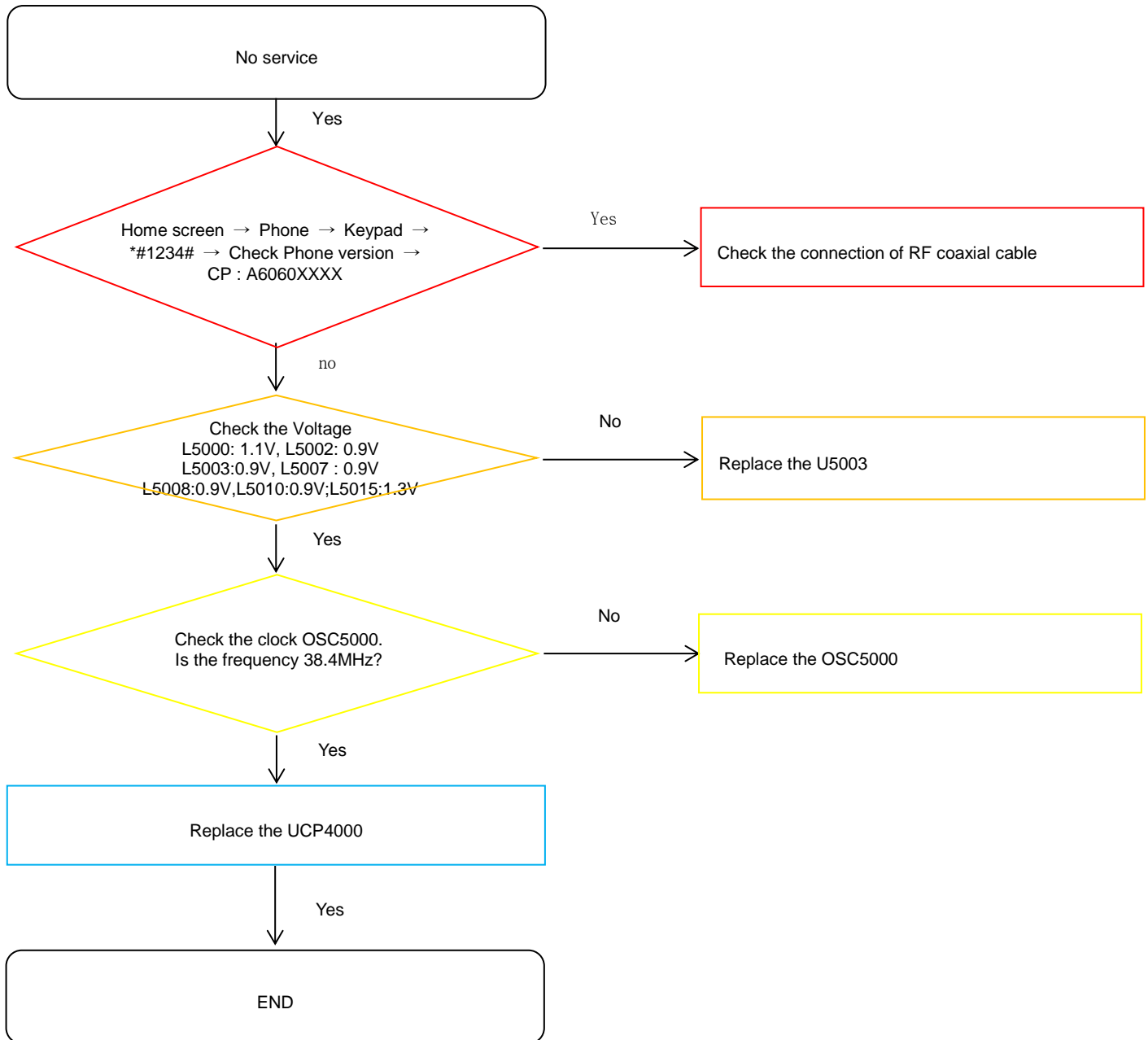
8. Level 3 Repair

8-4-4. SIM PART



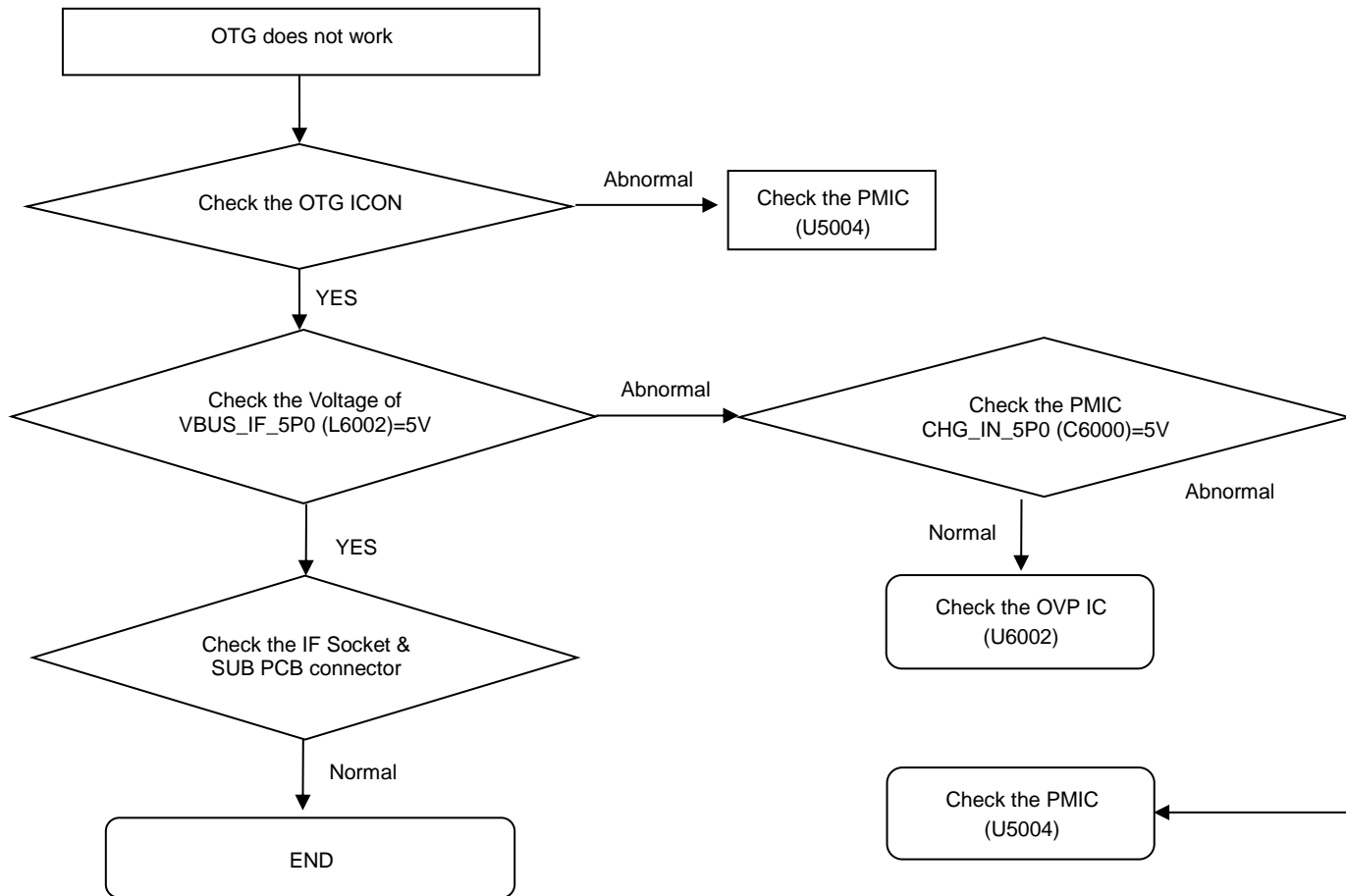
8. Level 3 Repair

8-4-5. No Service



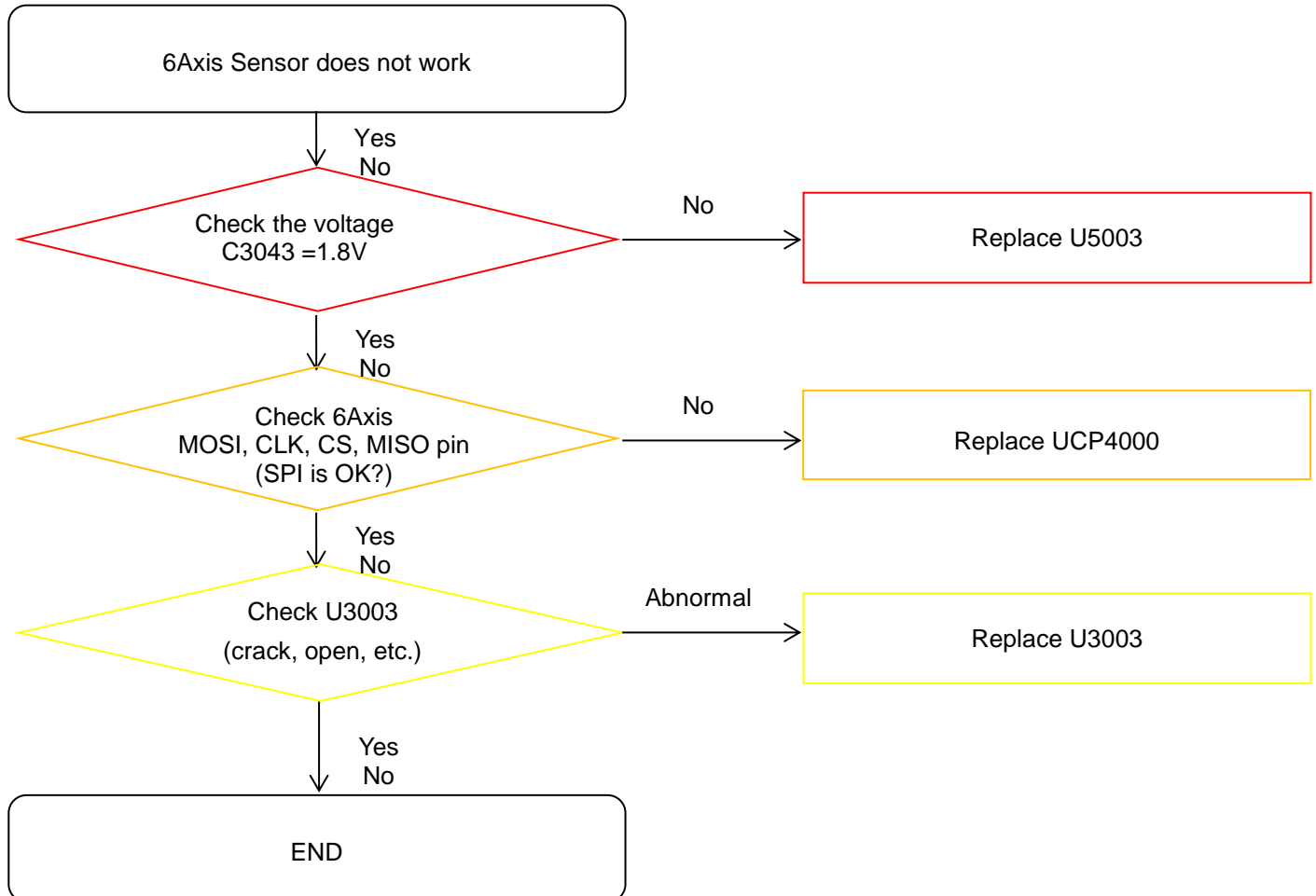
8. Level 3 Repair

8-4-6. OTG



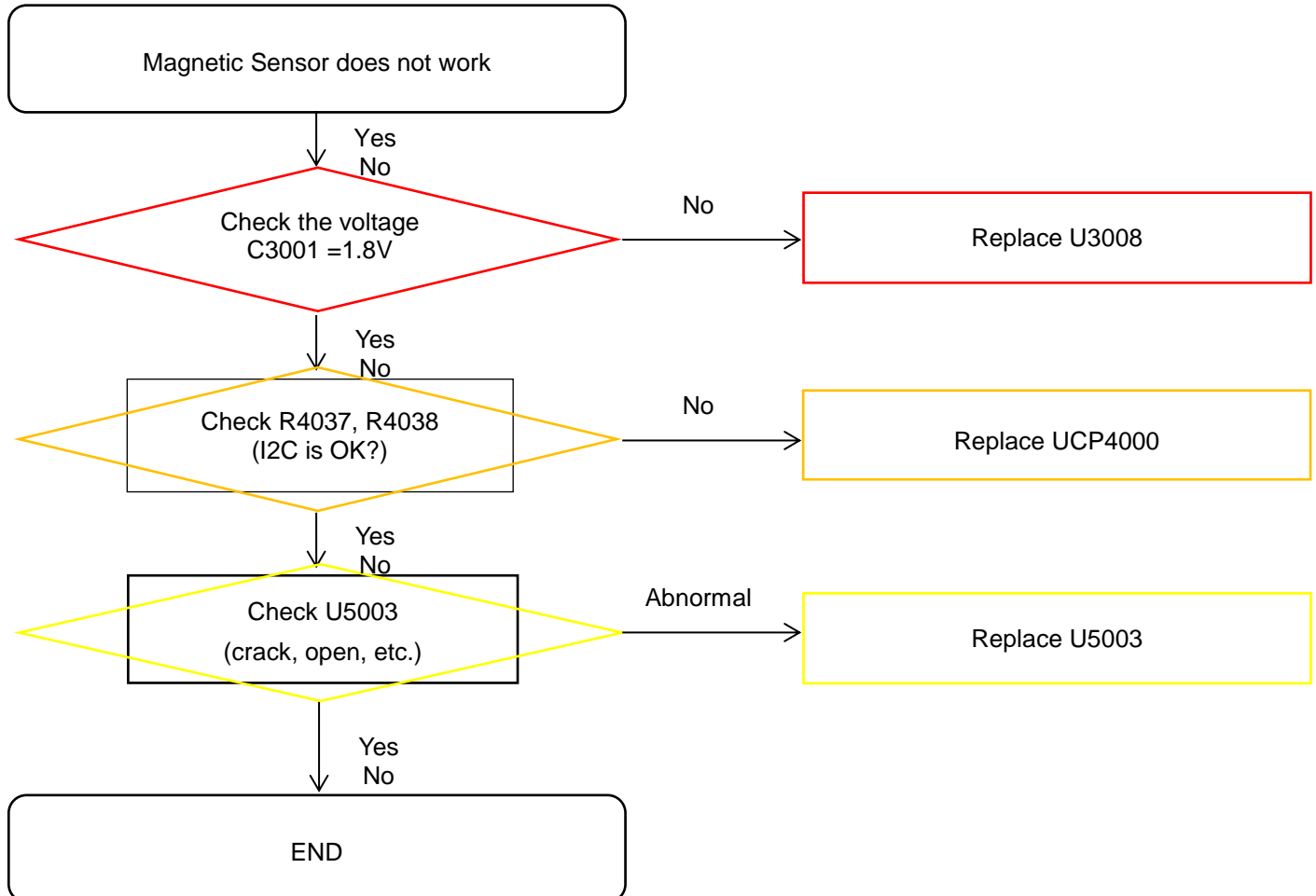
8. Level 3 Repair

8-4-7. 6Axis sensor



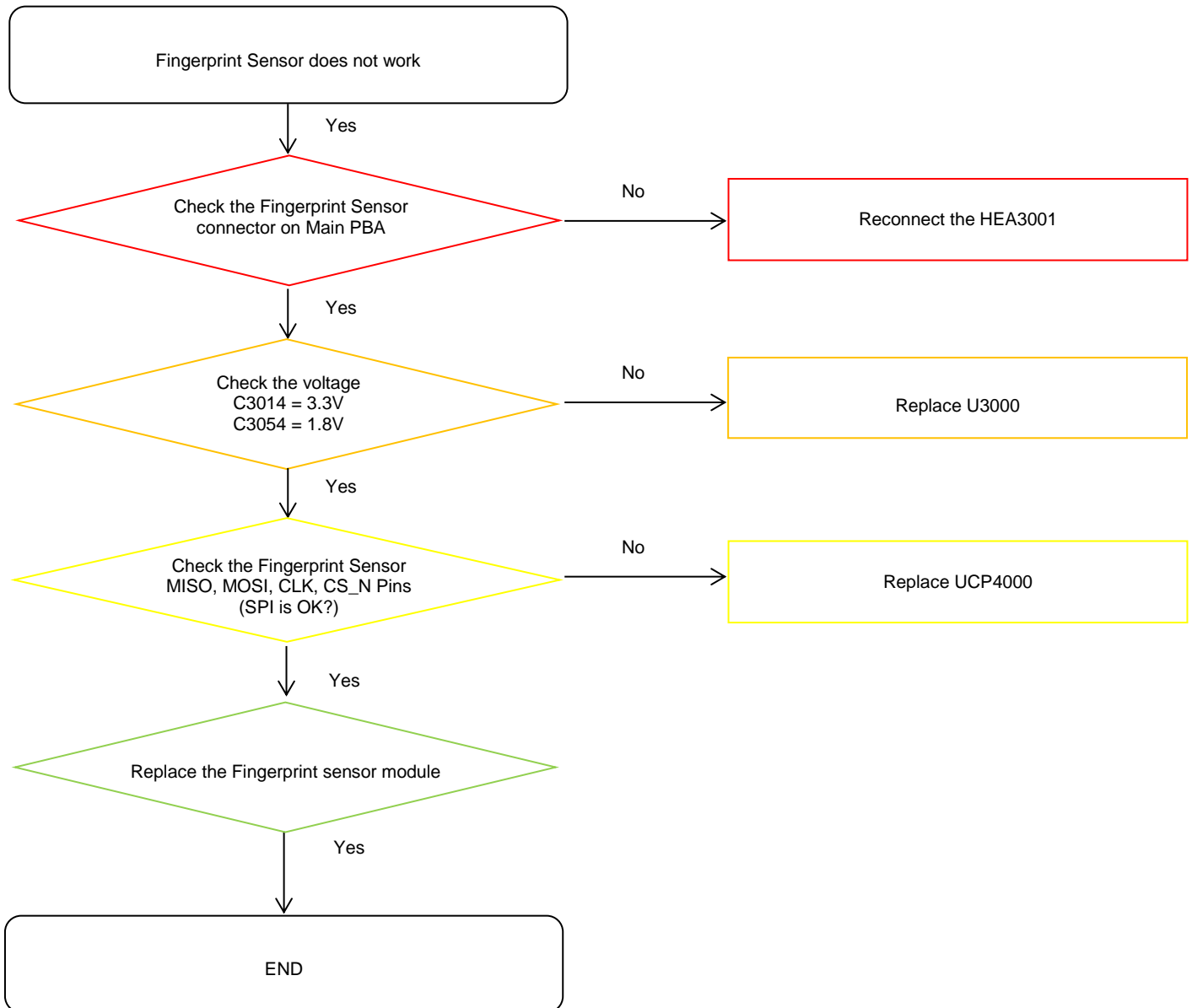
8. Level 3 Repair

8-4-8. Magnetic sensor



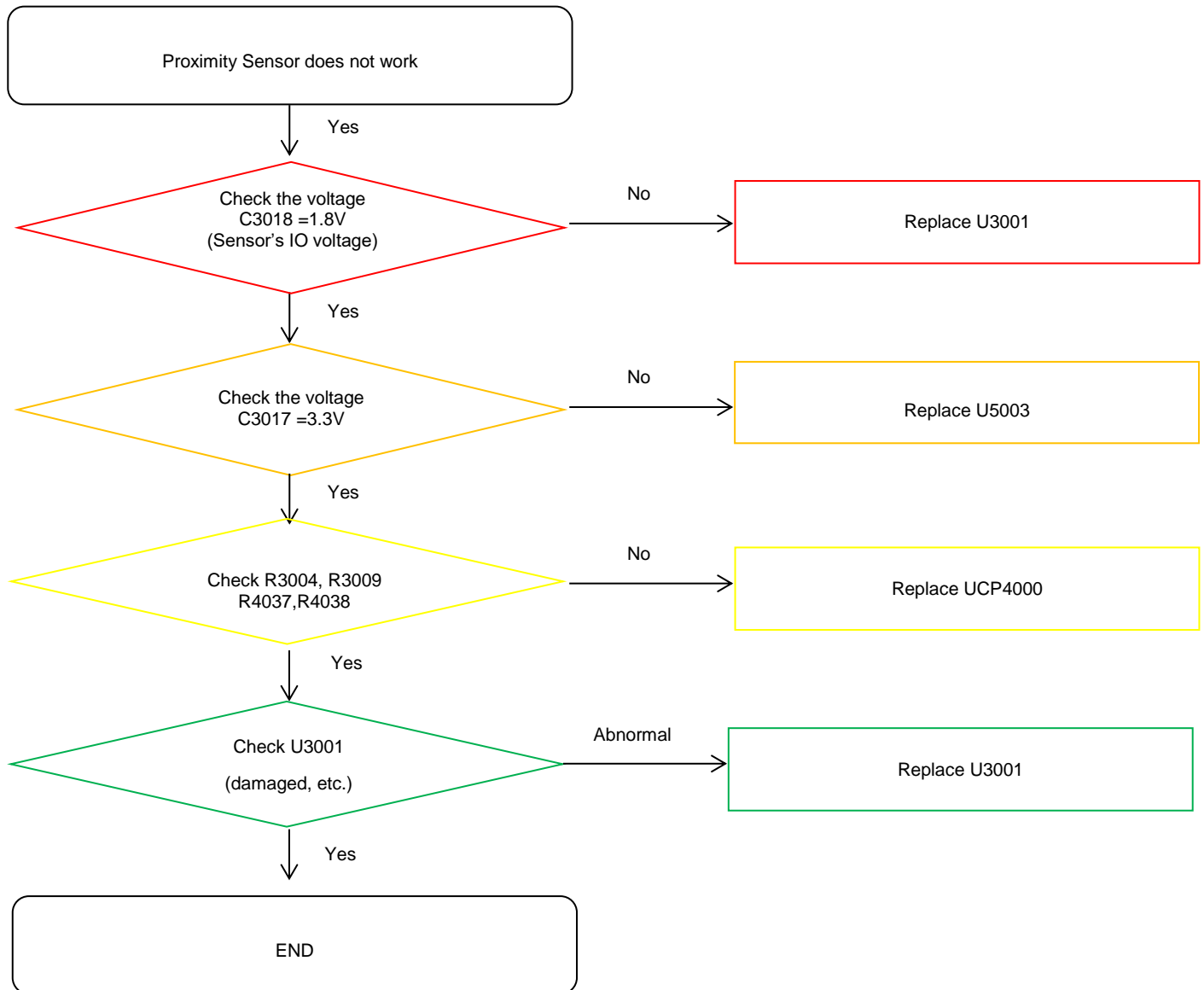
8. Level 3 Repair

8-4-9. Fingerprint Sensor



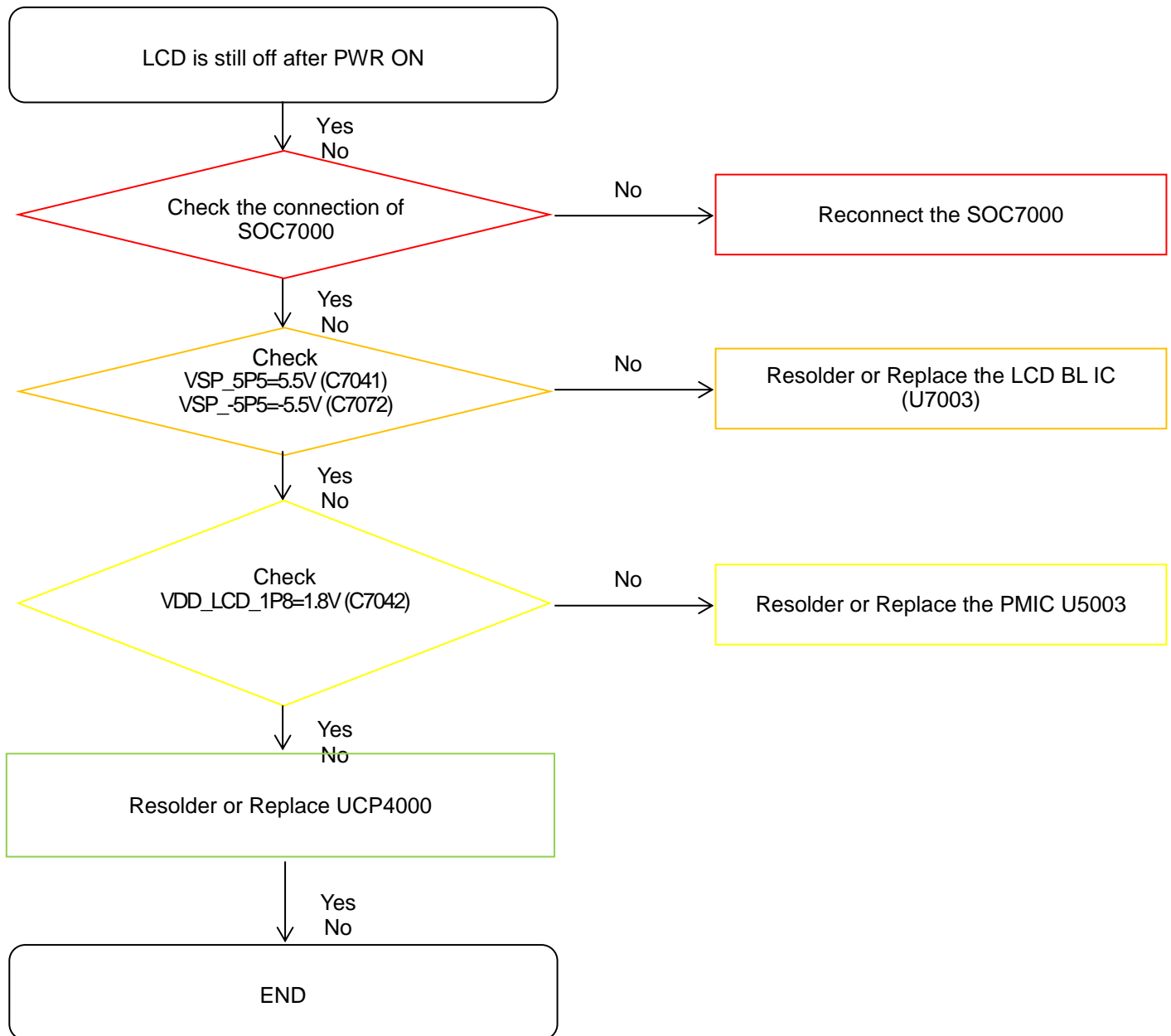
8. Level 3 Repair

8-4-10. Proximity + RGB sensor



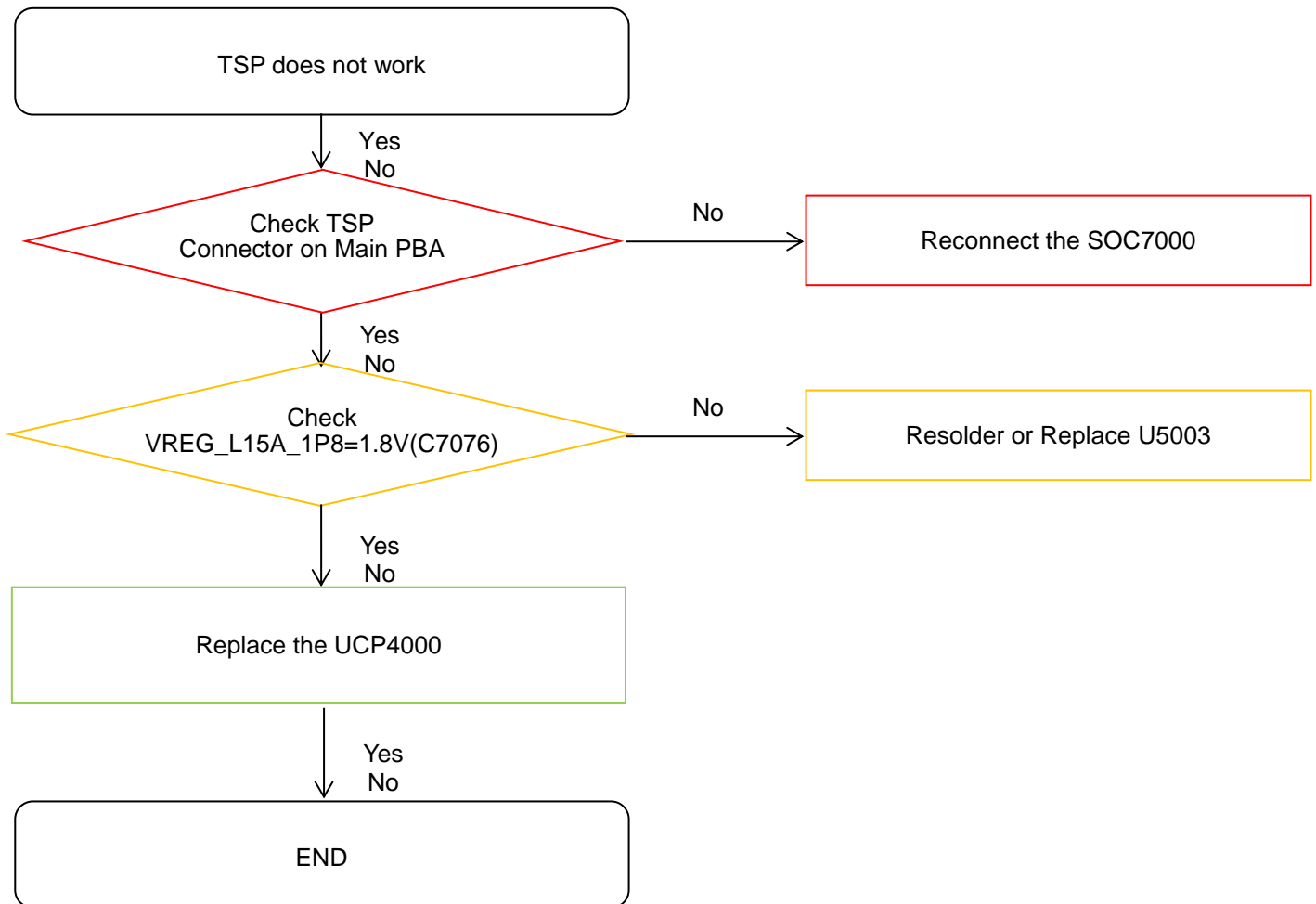
8. Level 3 Repair

8-4-11. Display



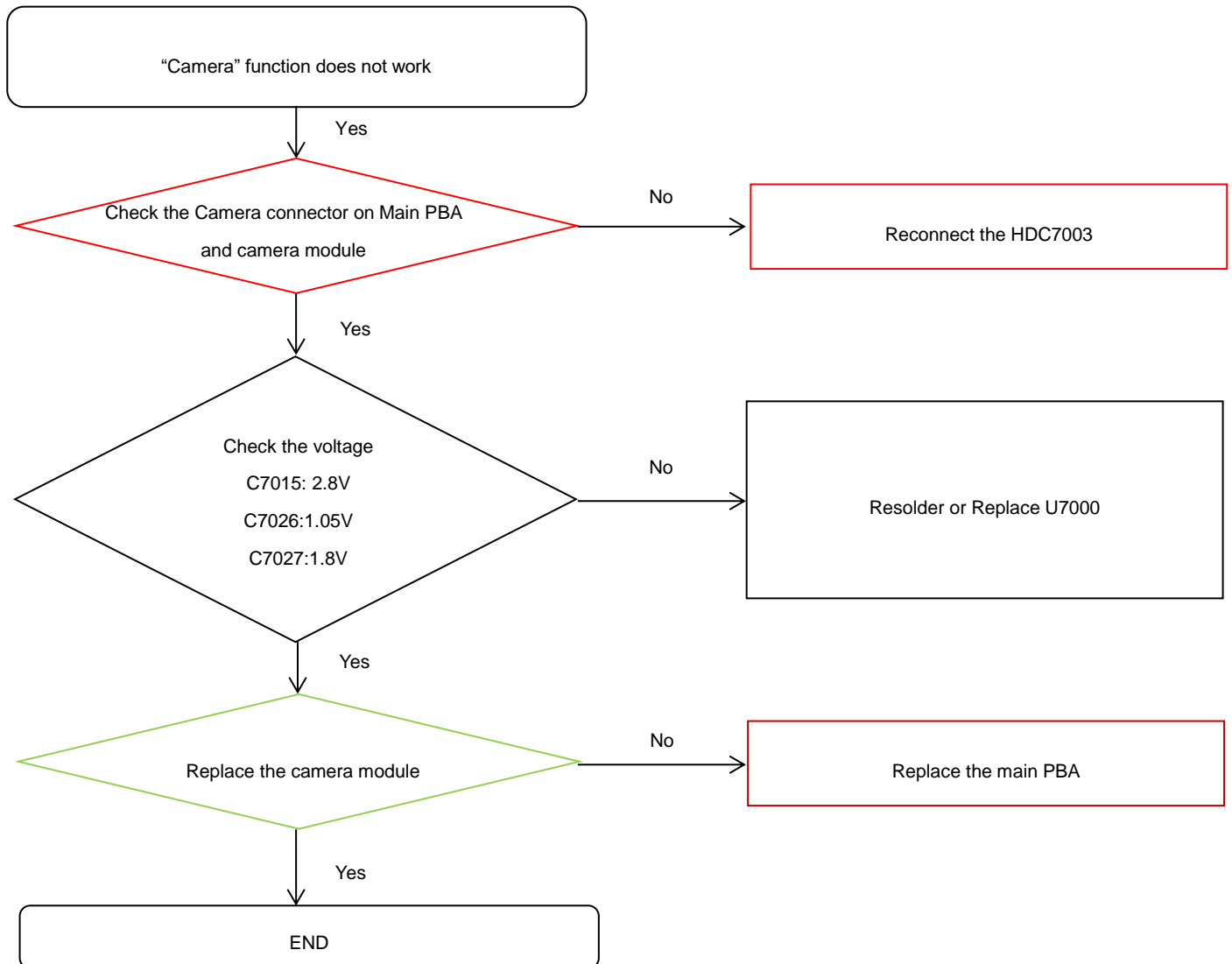
8. Level 3 Repair

8-4-12. TSP



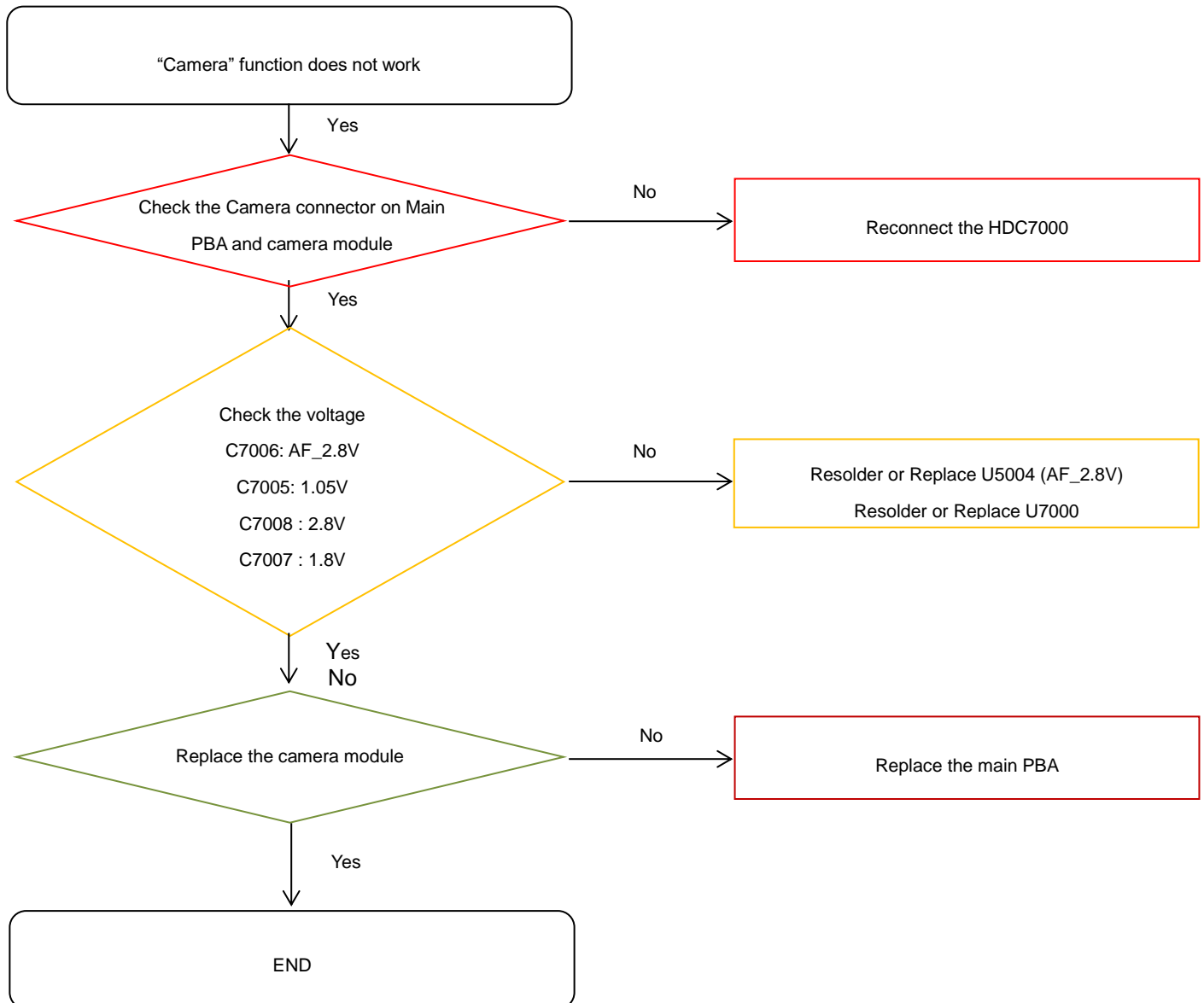
8. Level 3 Repair

8-4-13. VT CAMERA



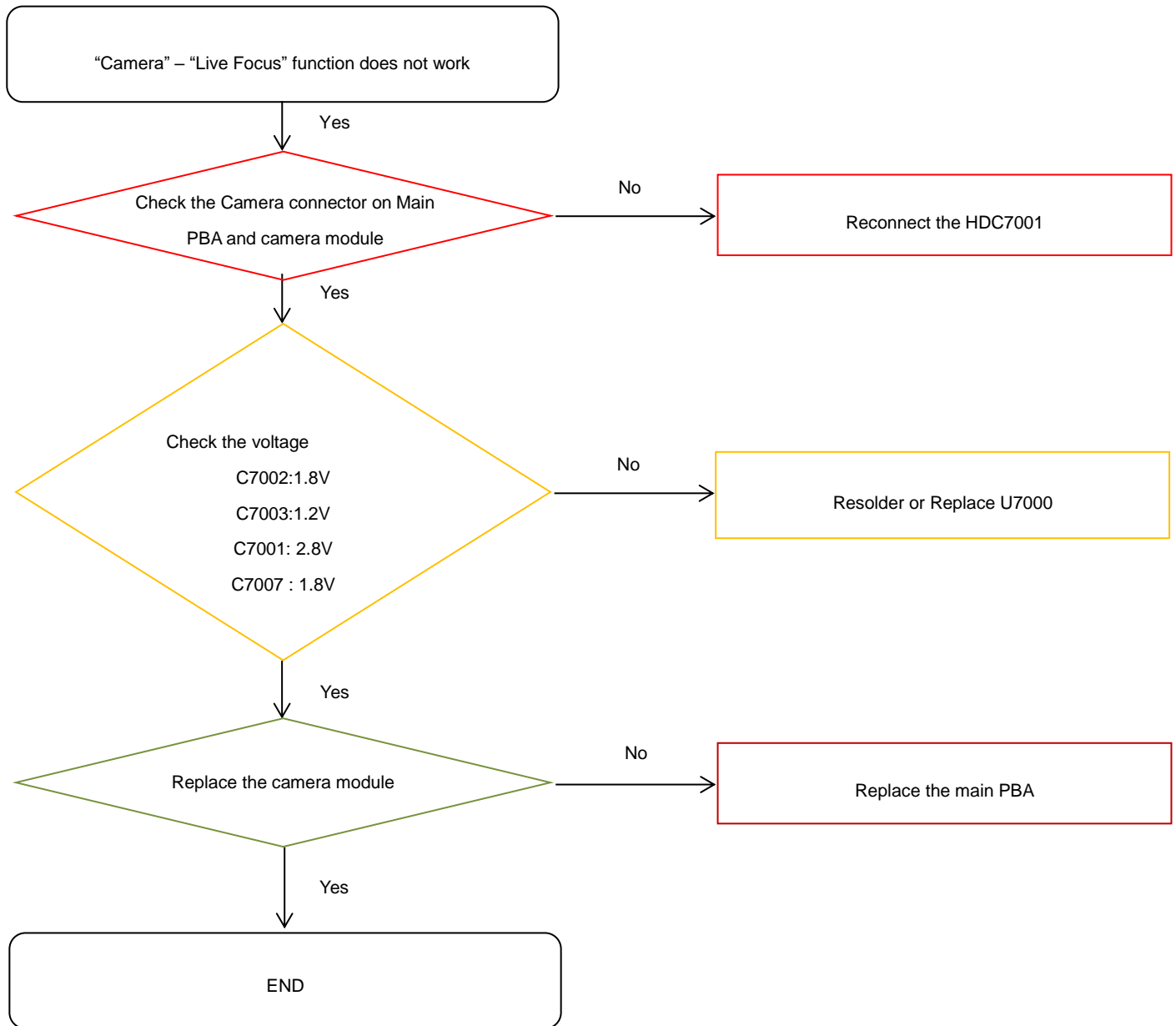
8. Level 3 Repair

8-4-14. 24M REAR CAMERA



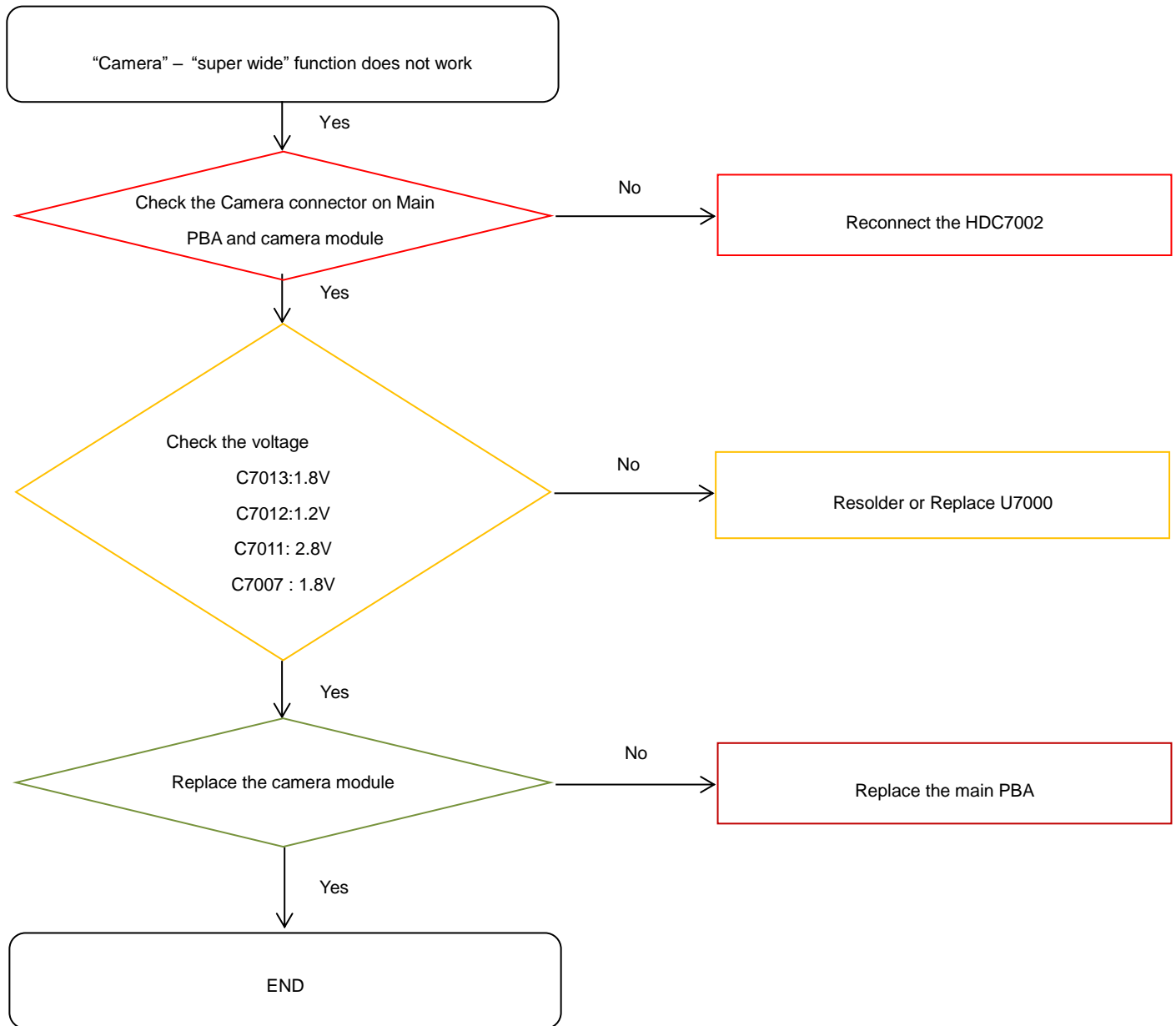
8. Level 3 Repair

8-4-15. 5M REAR CAMERA



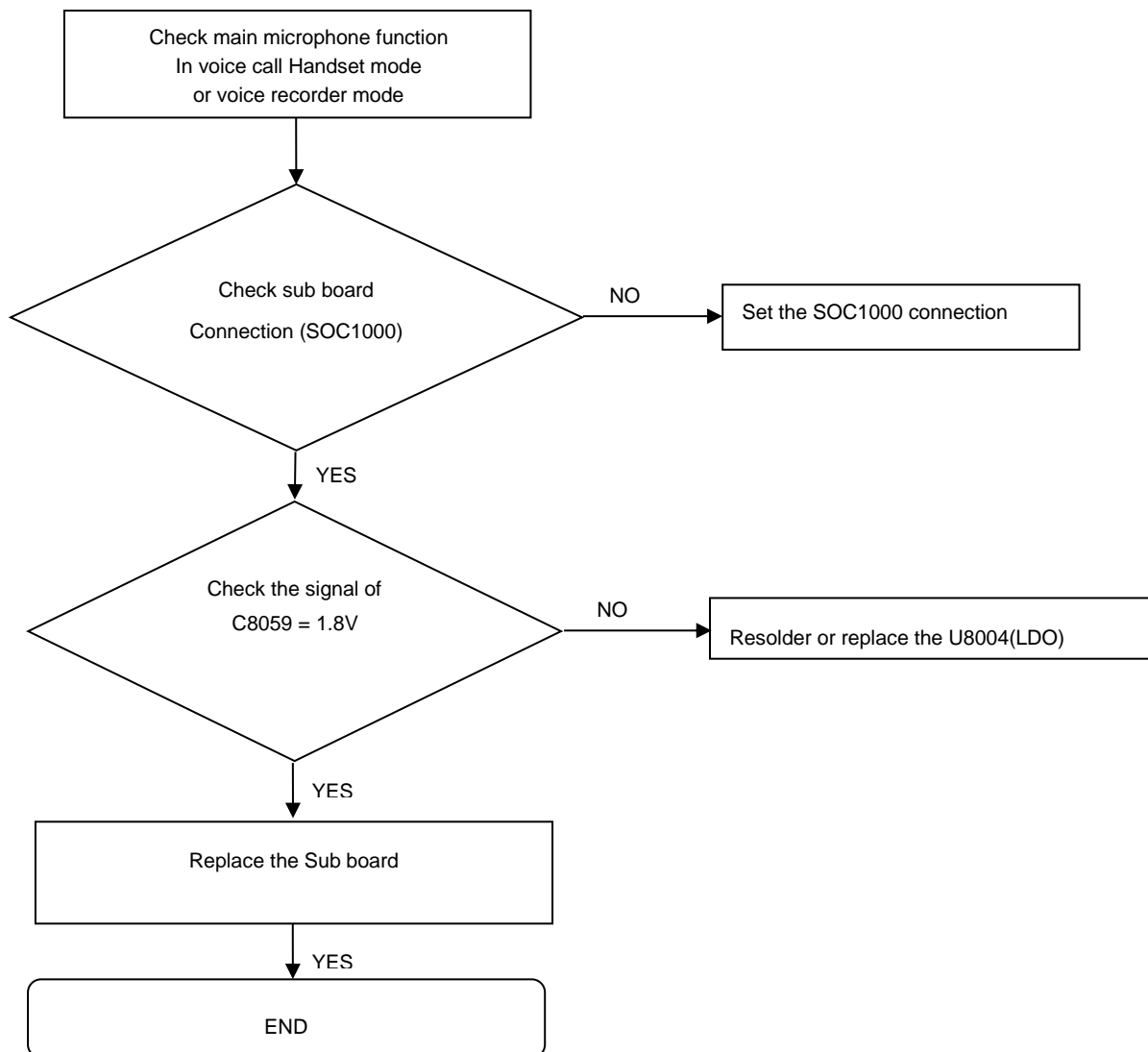
8. Level 3 Repair

8-4-16. 10M REAR CAMERA



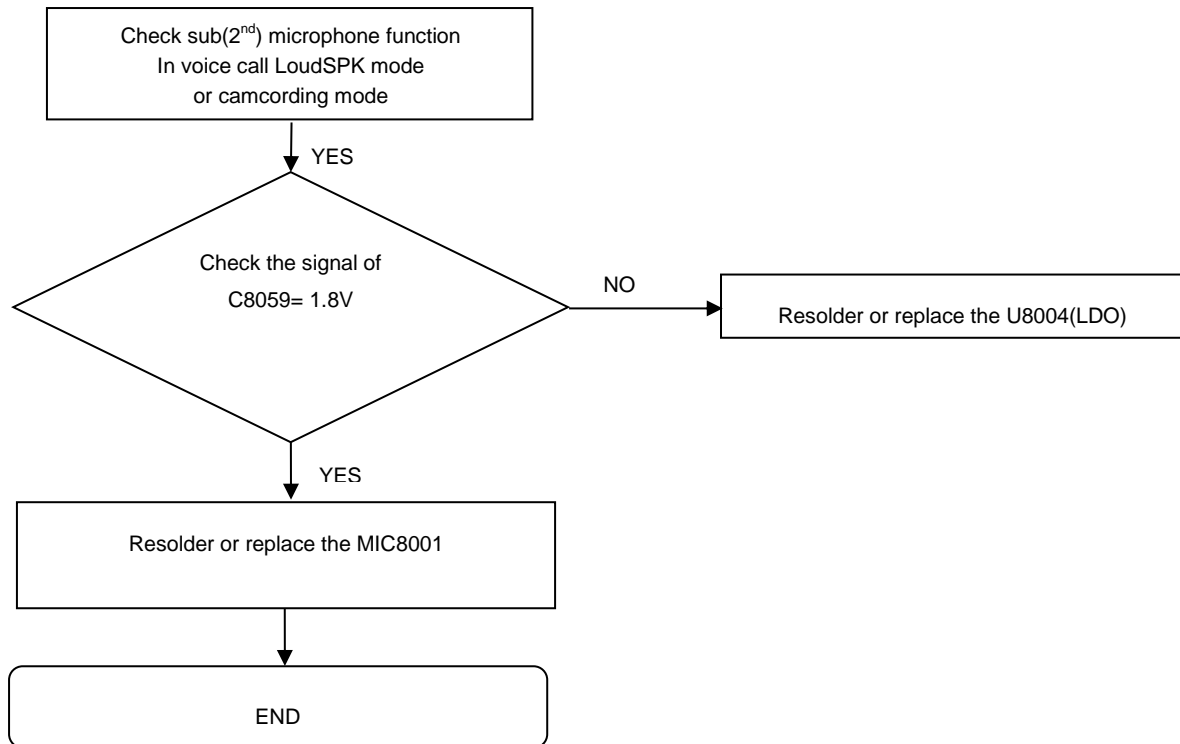
8. Level 3 Repair

8-4-17-1. Main MIC



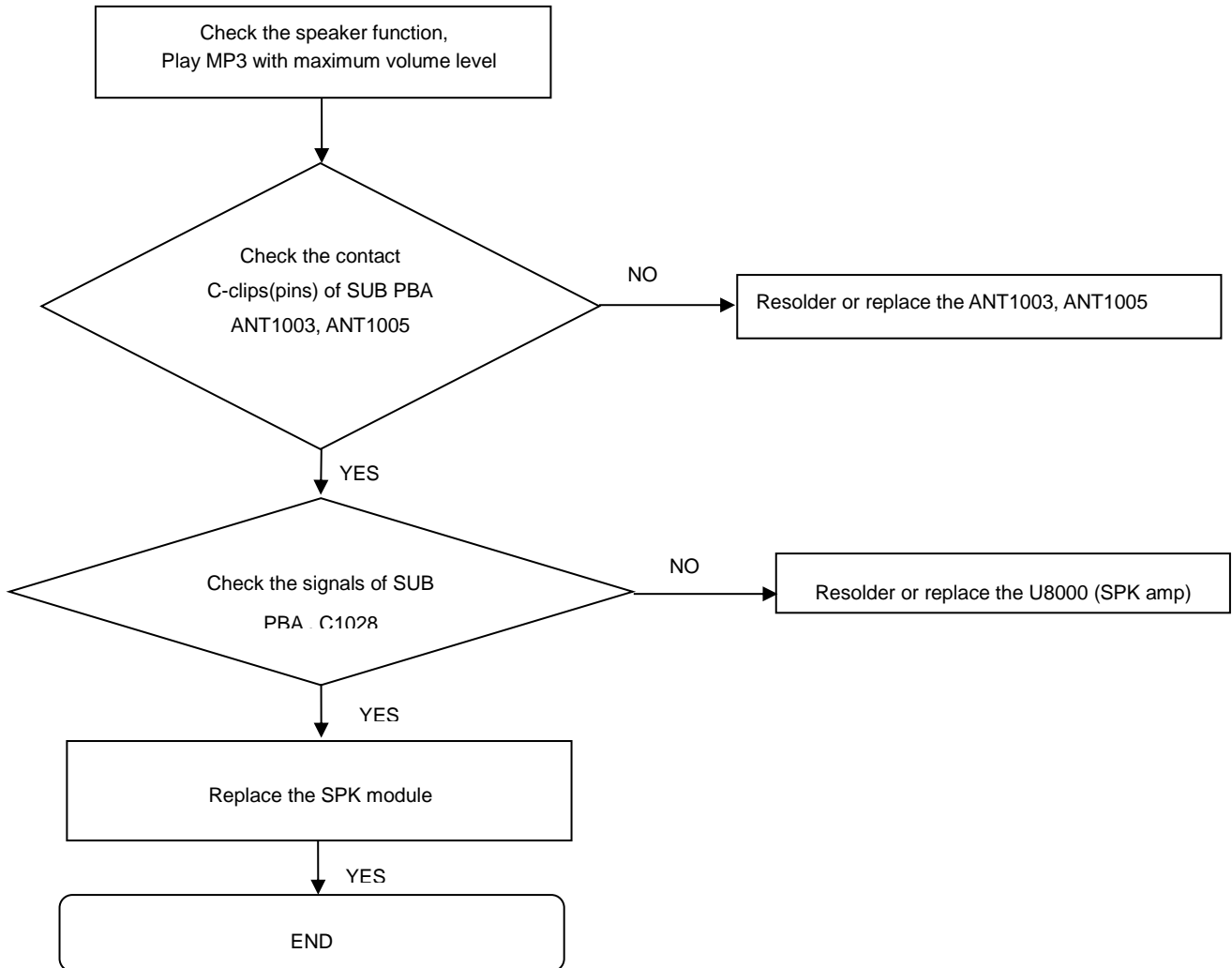
8. Level 3 Repair

8-4-17-2. Sub(2nd) MIC



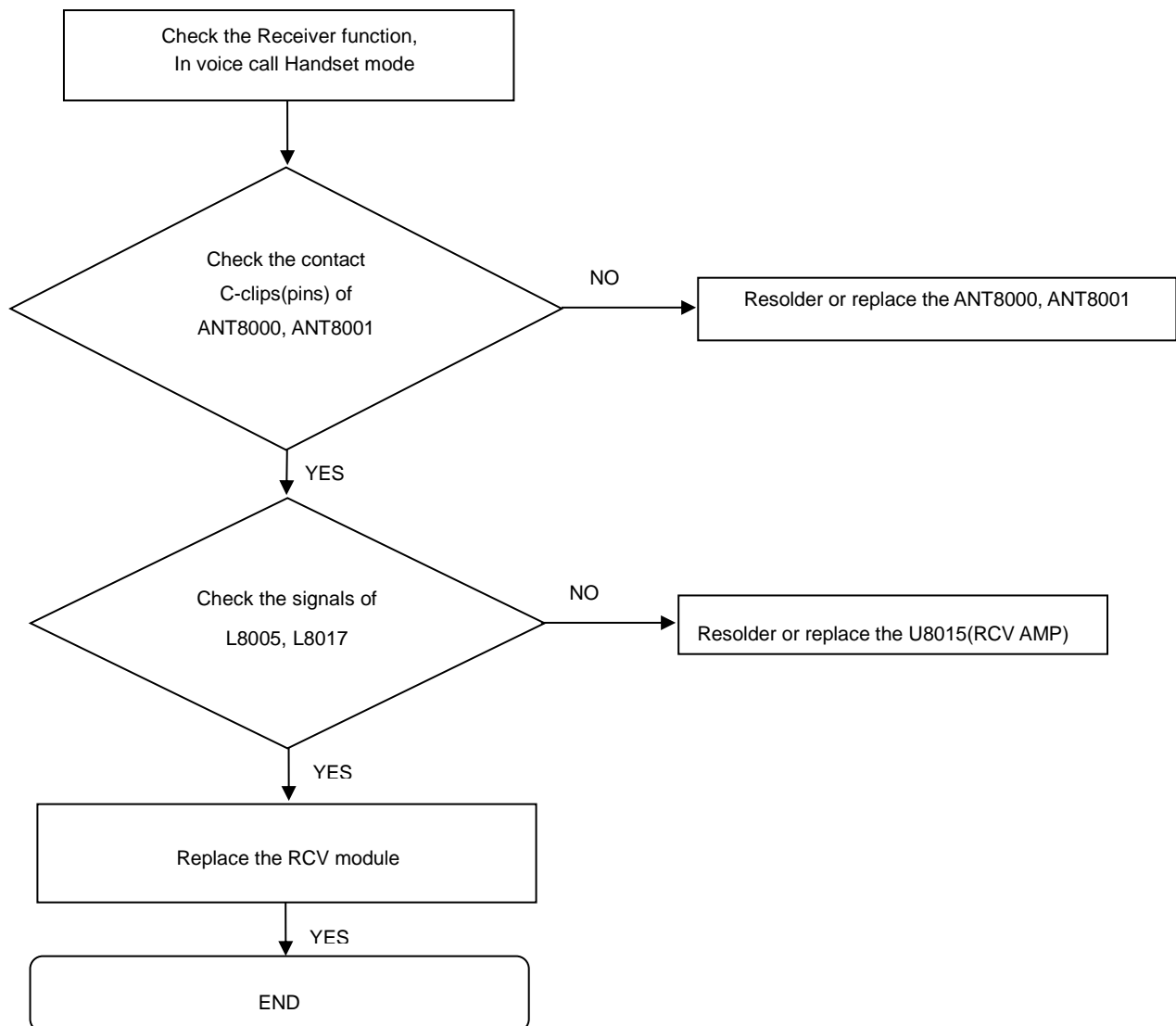
8. Level 3 Repair

8-4-18. Speaker part



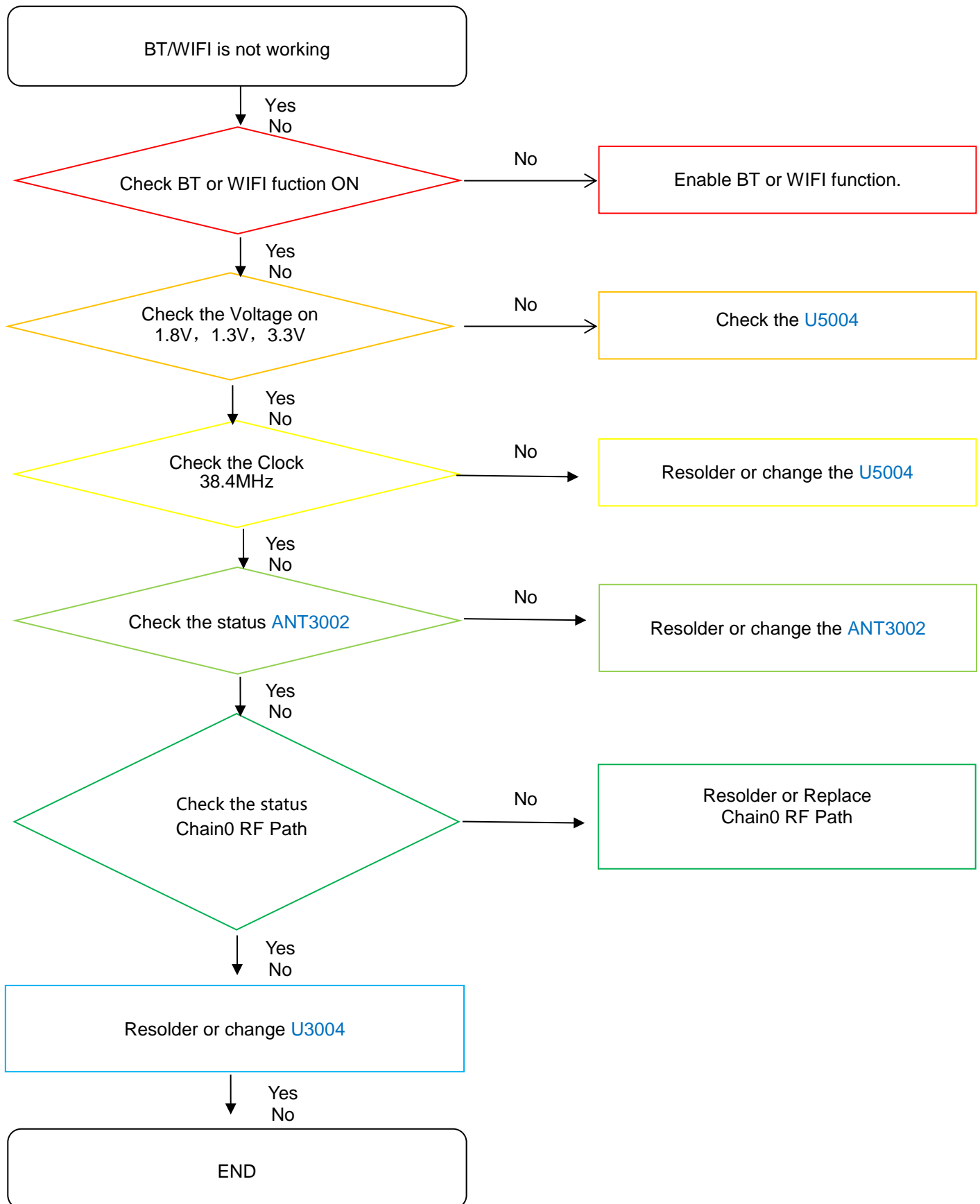
8. Level 3 Repair

8-4-19. Receiver part



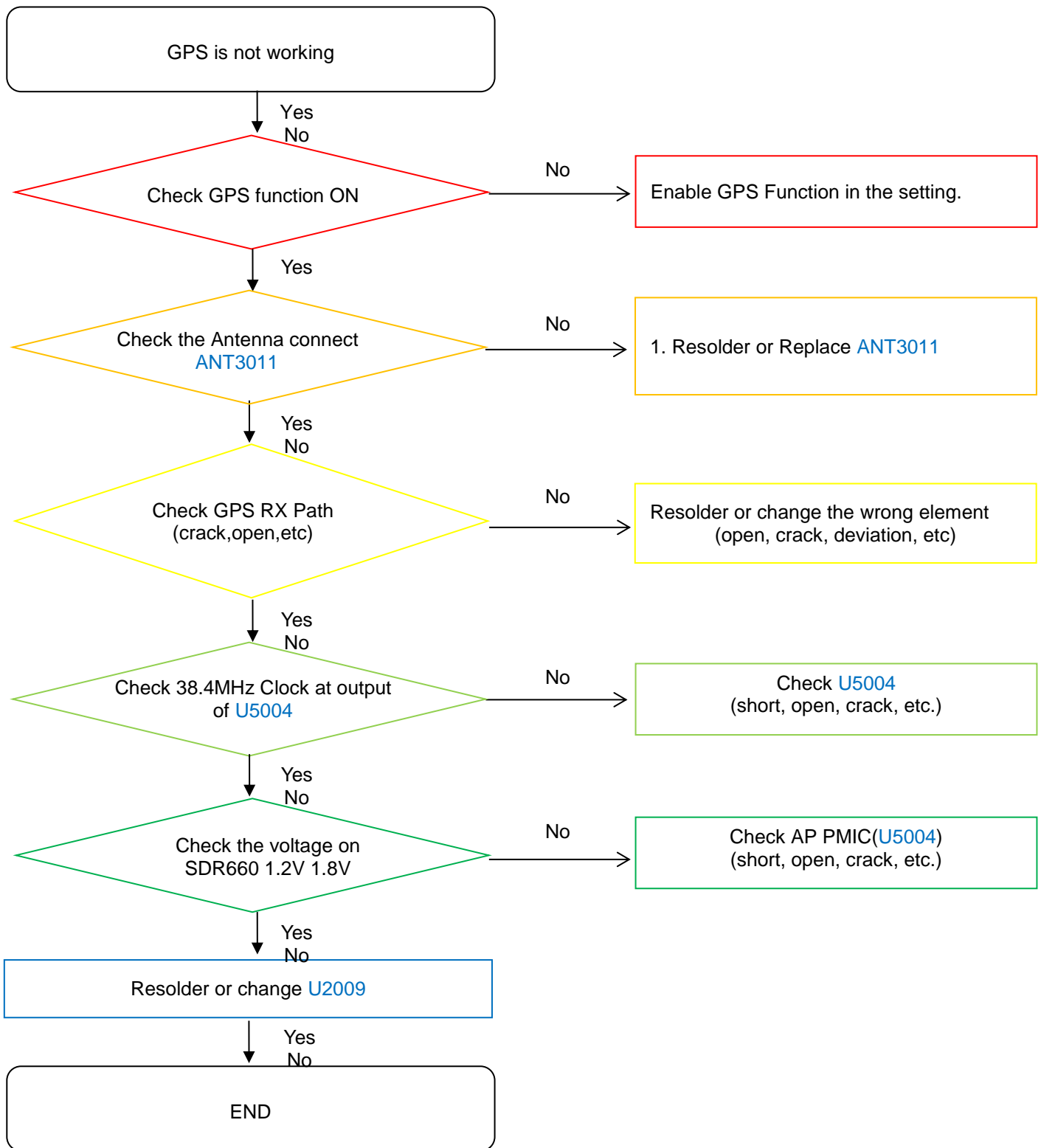
8. Level 3 Repair

8-4-20. BT/WIFI



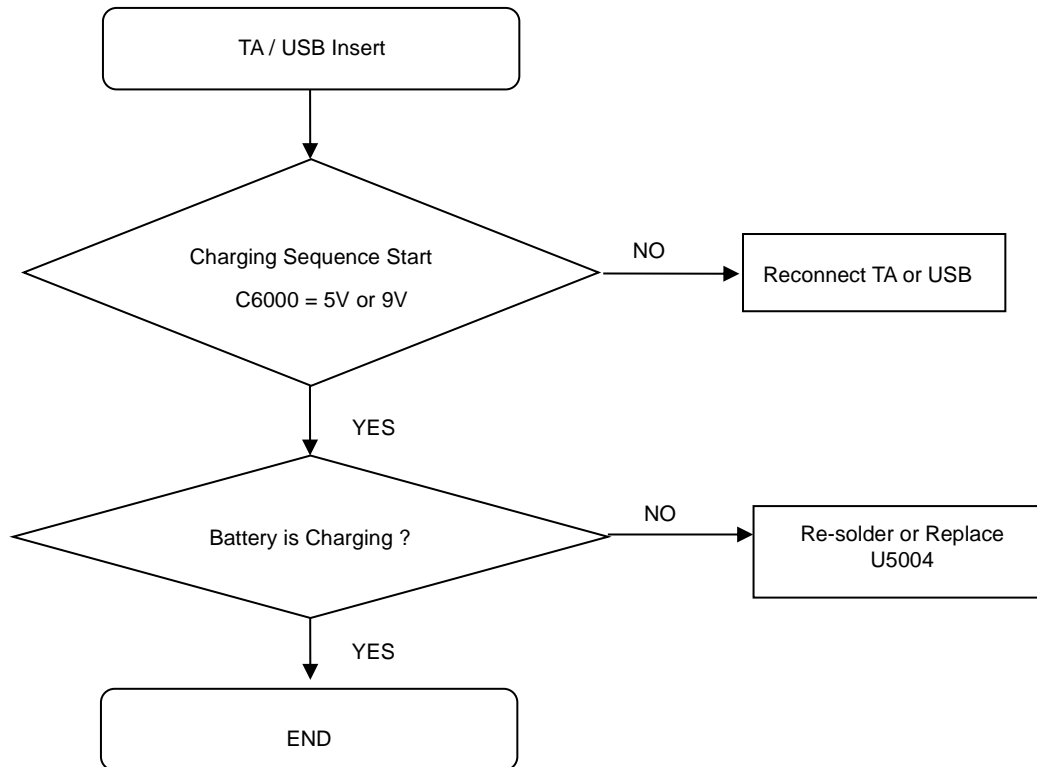
8. Level 3 Repair

8-4-21. GPS



8. Level 3 Repair

8-4-22. Charging Part Wire Charging (Normal/Fast)



8. Level 3 Repair

8-5. Service Schematics

- NC Point(Top View)

