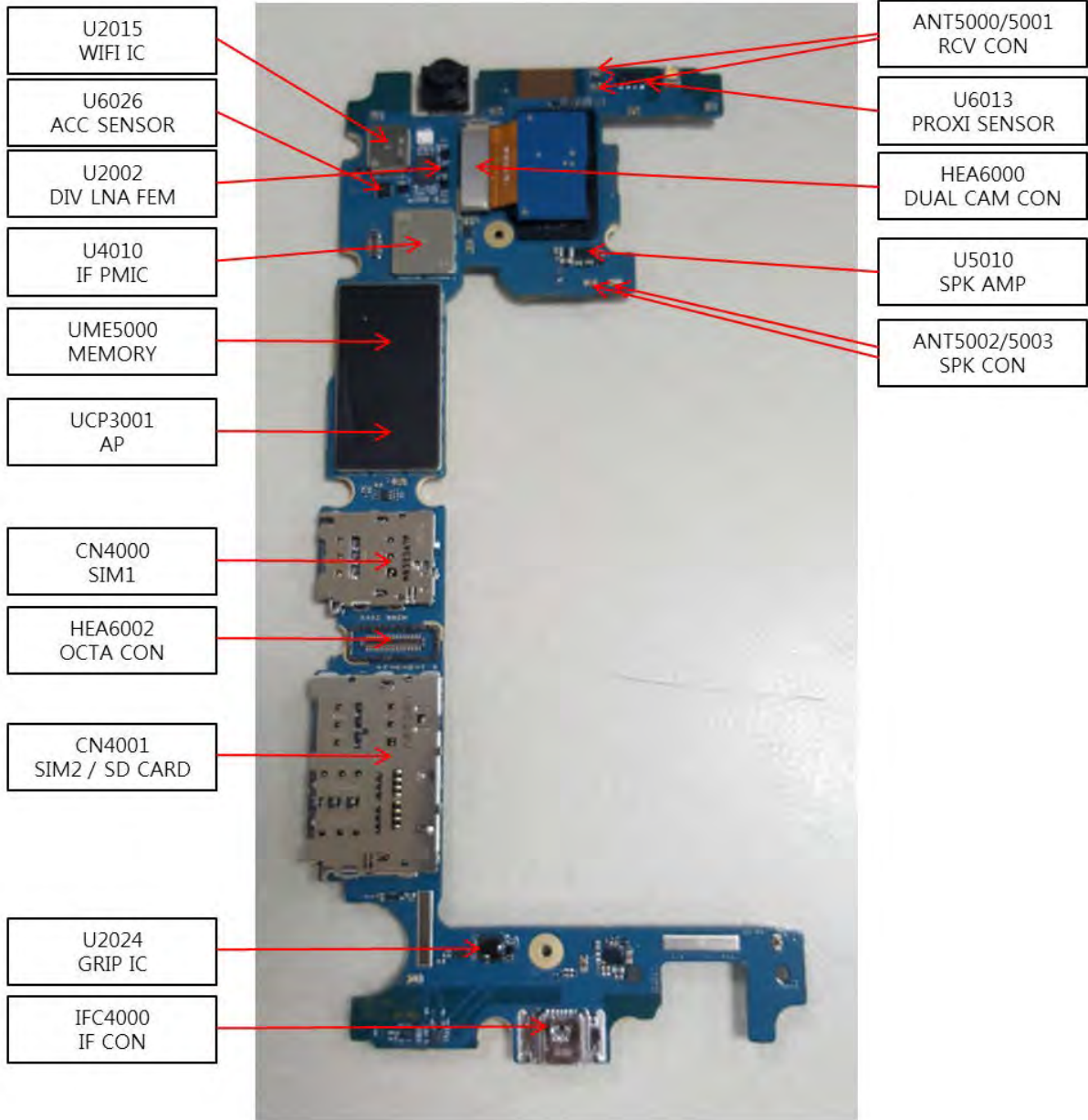


8. Level 3 Repair (VIETMOBILE.VN)

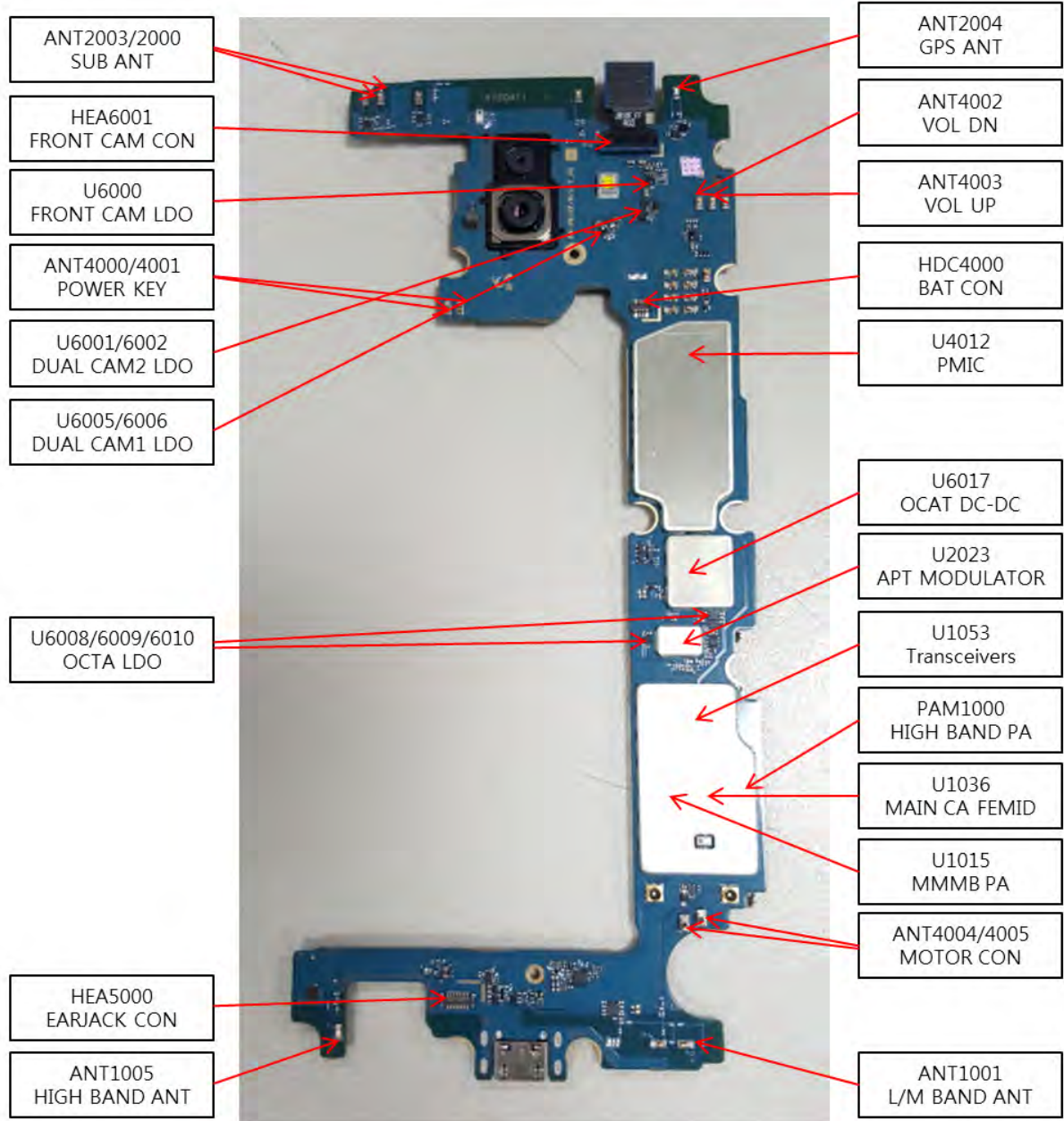
8-1. Components Layout

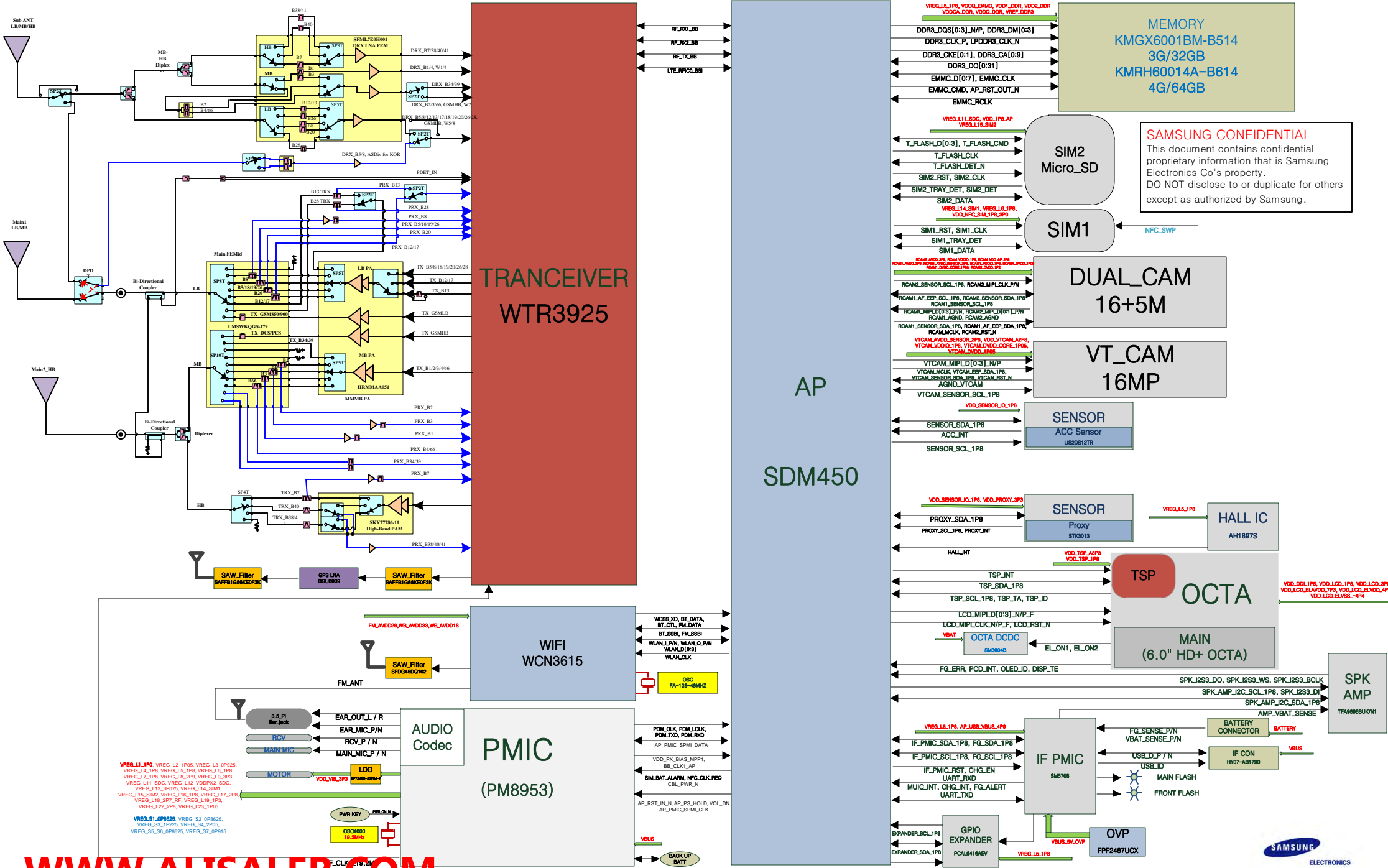
<PBA TOP SIDE>



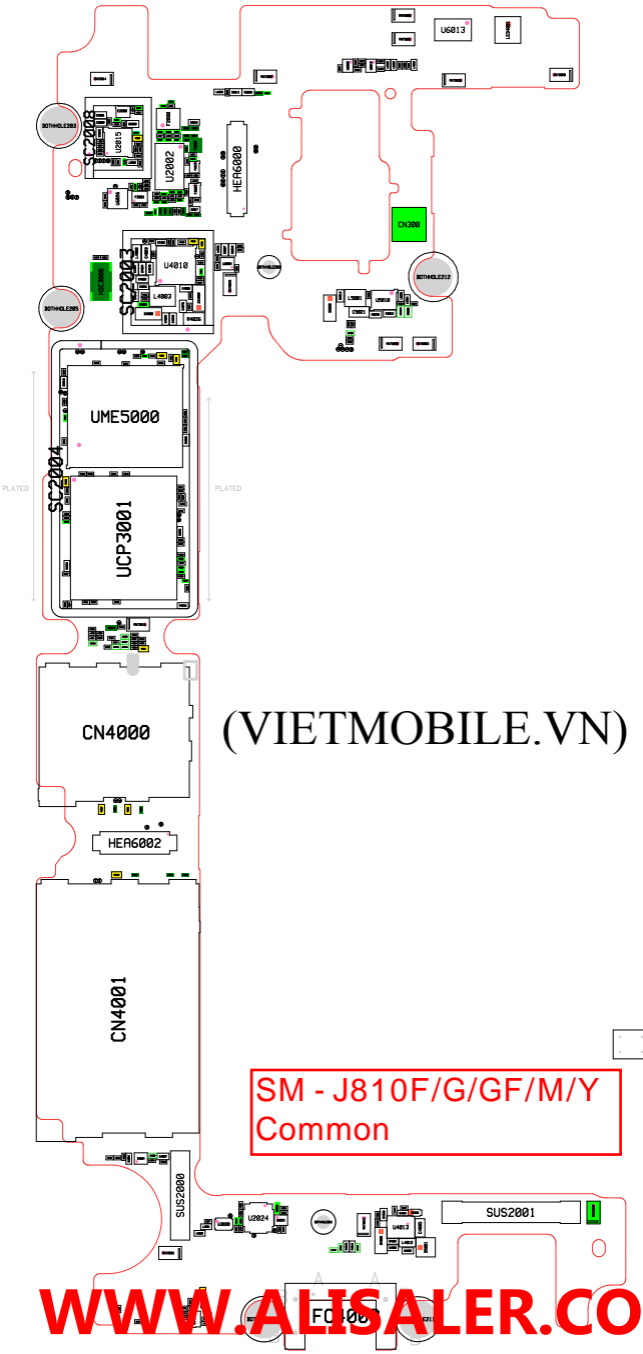
8. Level 3 Repair (VIETMOBILE.VN)

<PBA BOTTOM SIDE>



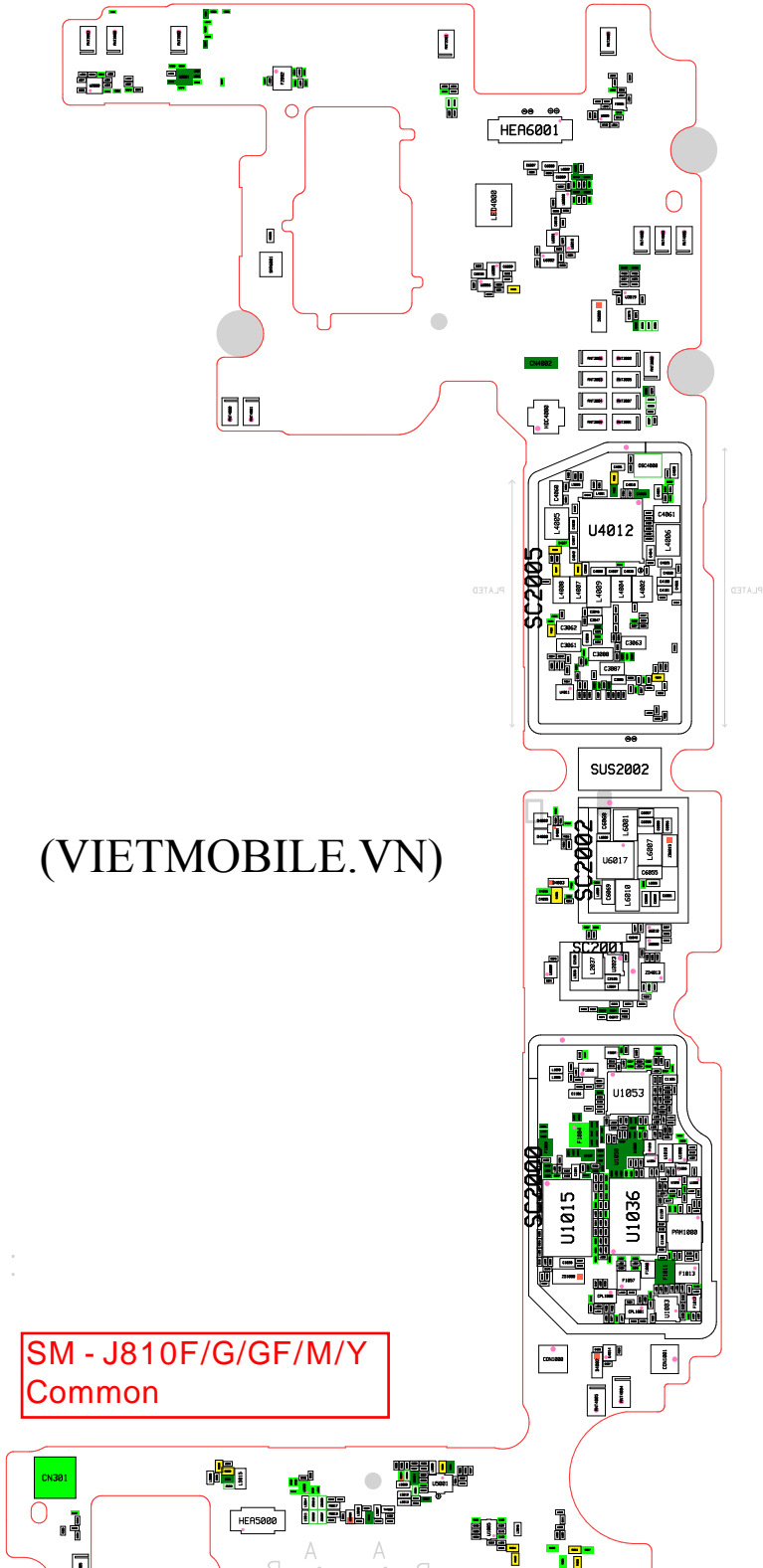


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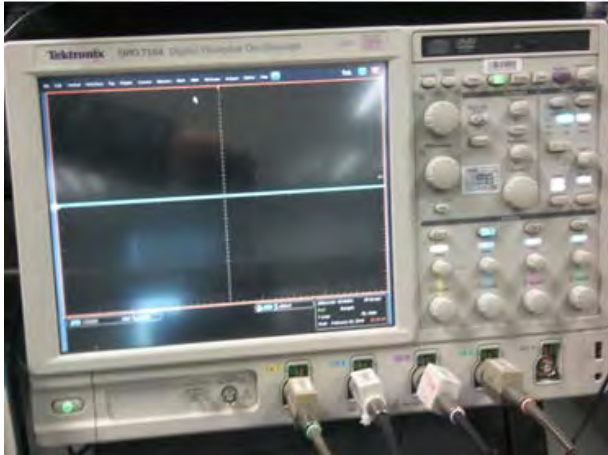
(VIETMOBILE.VN)

SM - J810F/G/GF/M/Y
Common



8. Level 3 Repair

8-3. Flow chart of Troubleshooting.



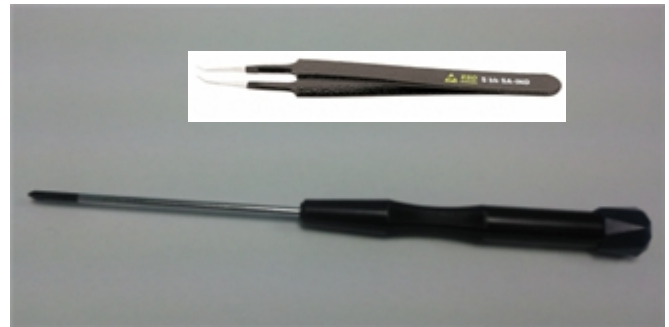
Oscilloscope



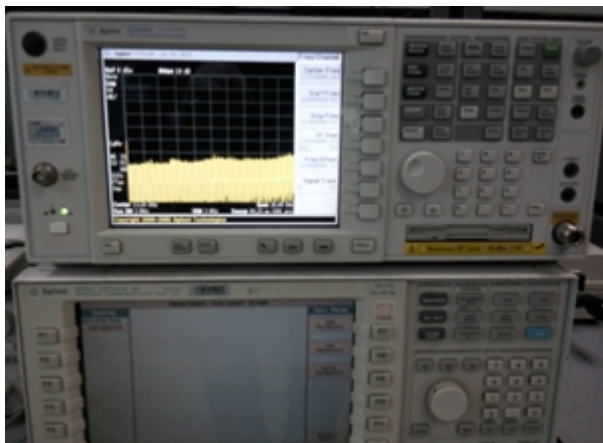
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



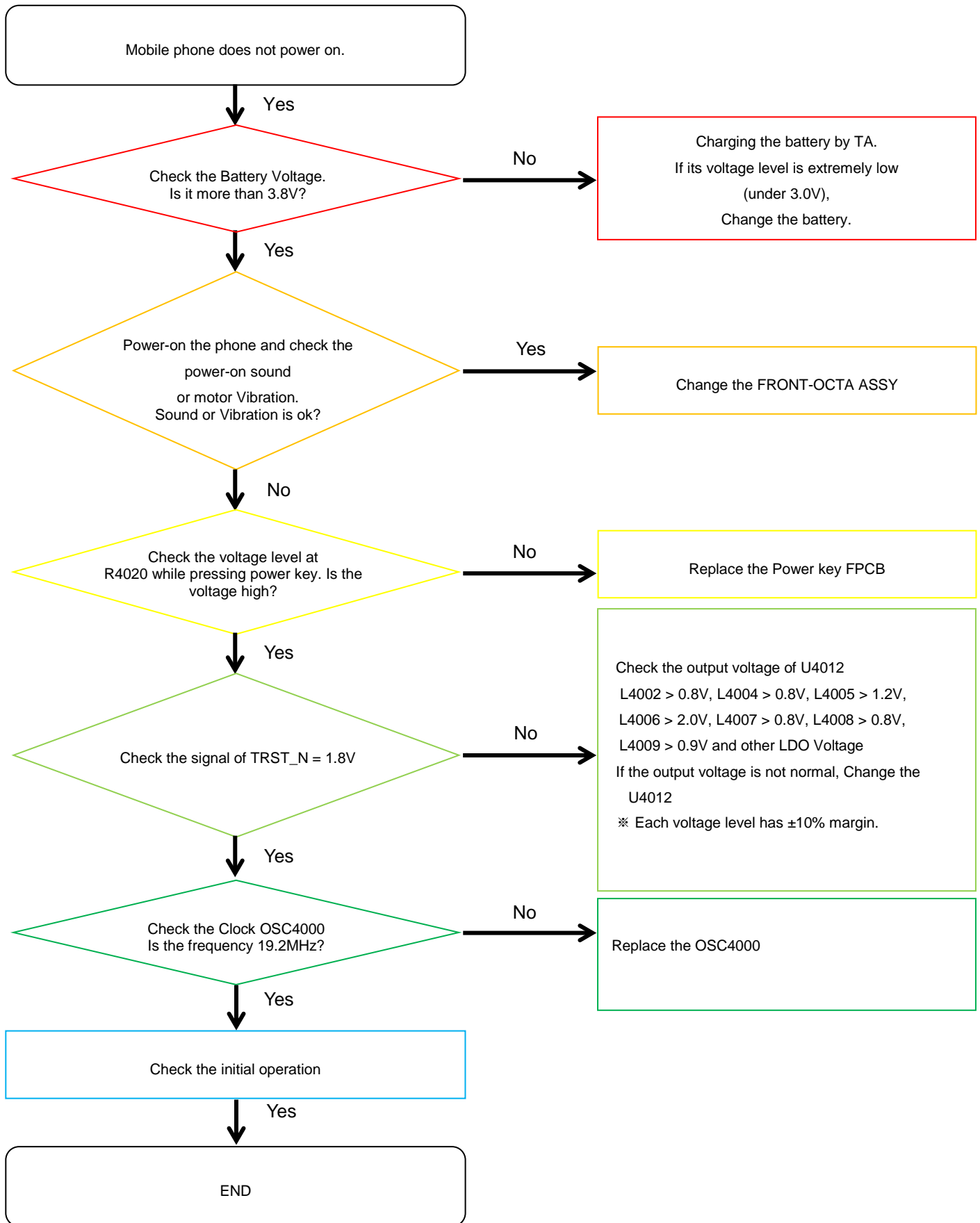
8960 & Spectrum Analyzer



Soldering iron

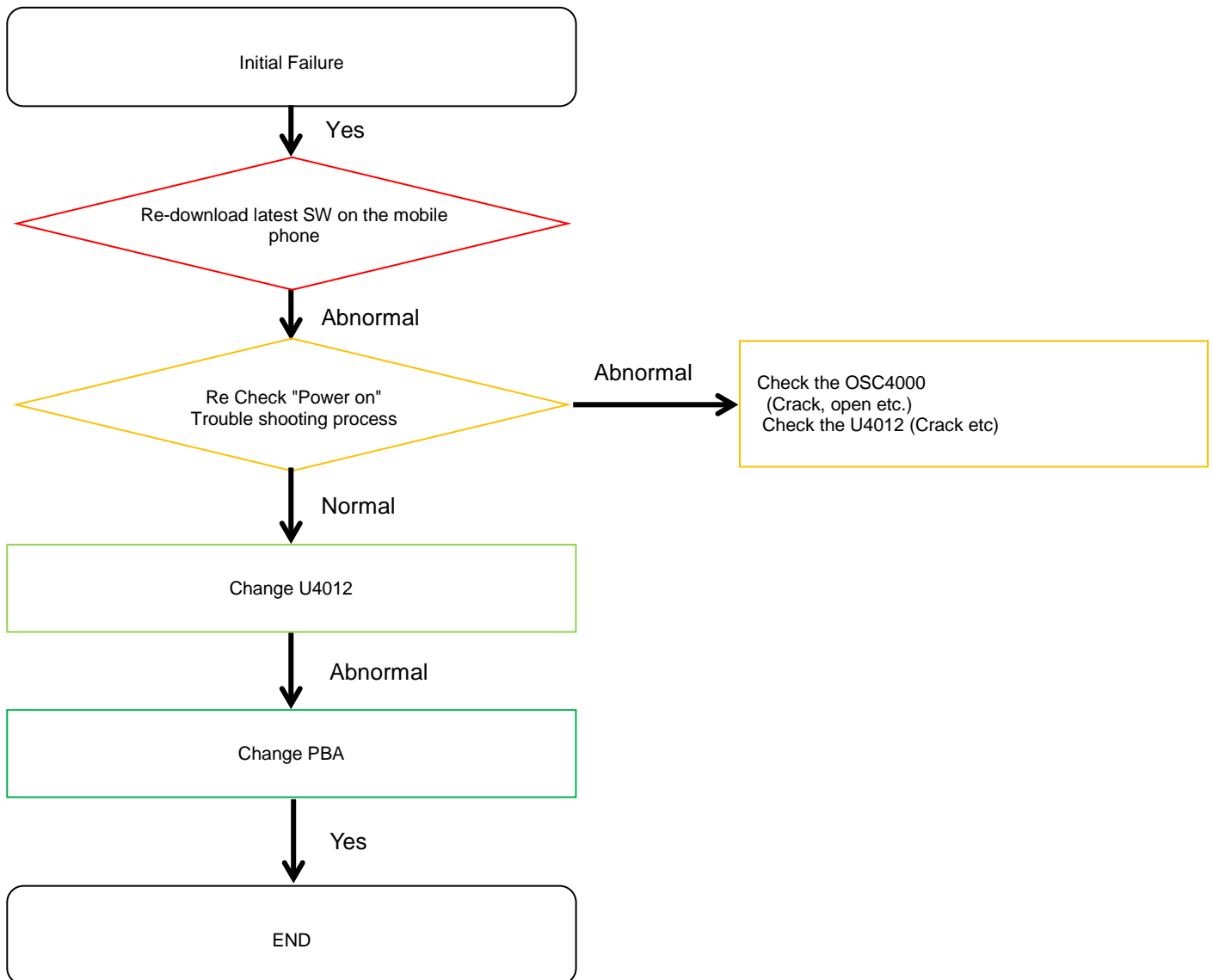
8. Level 3 Repair

8-4-1. Power On



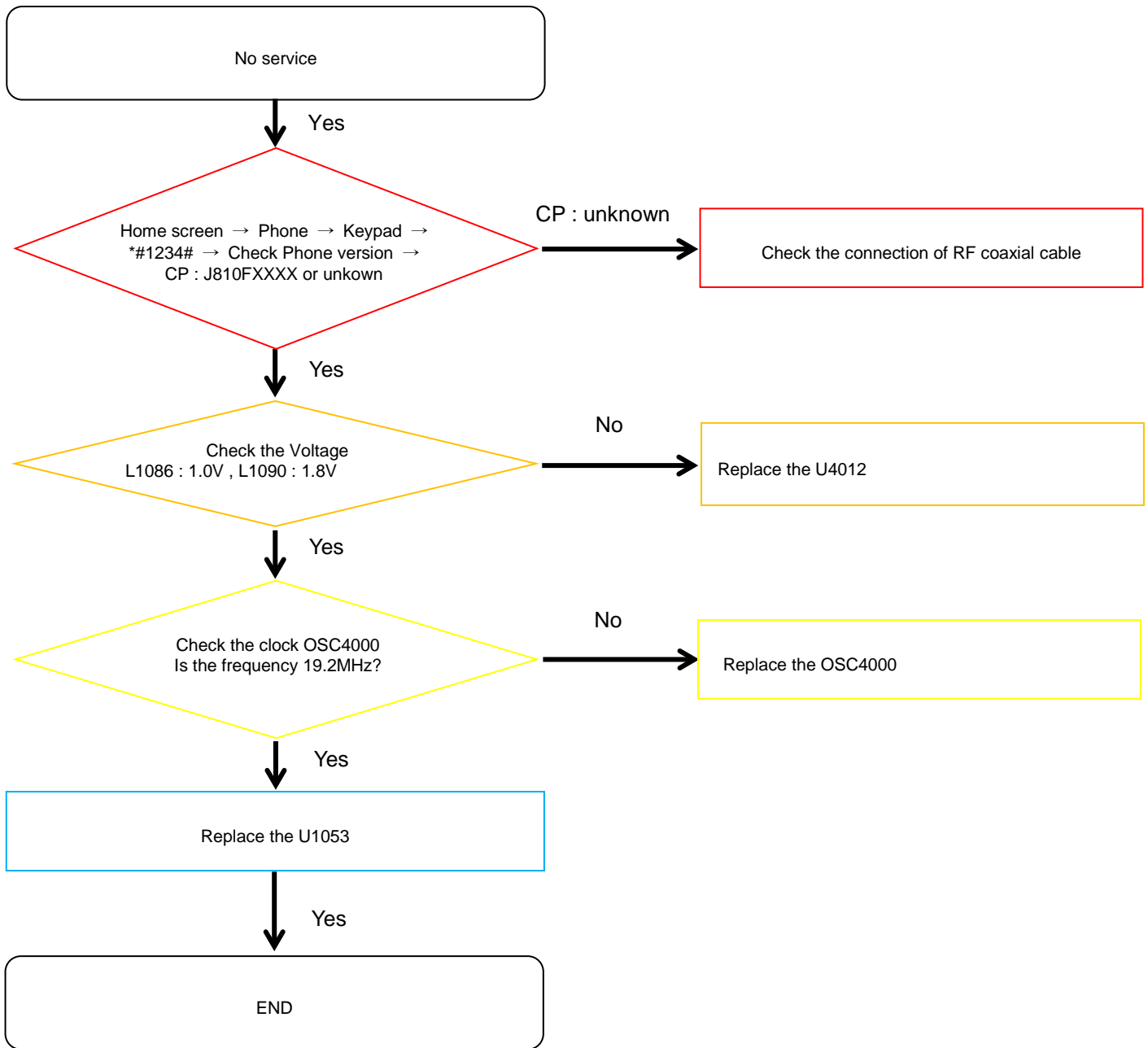
8. Level 3 Repair

8-4-2. Initial



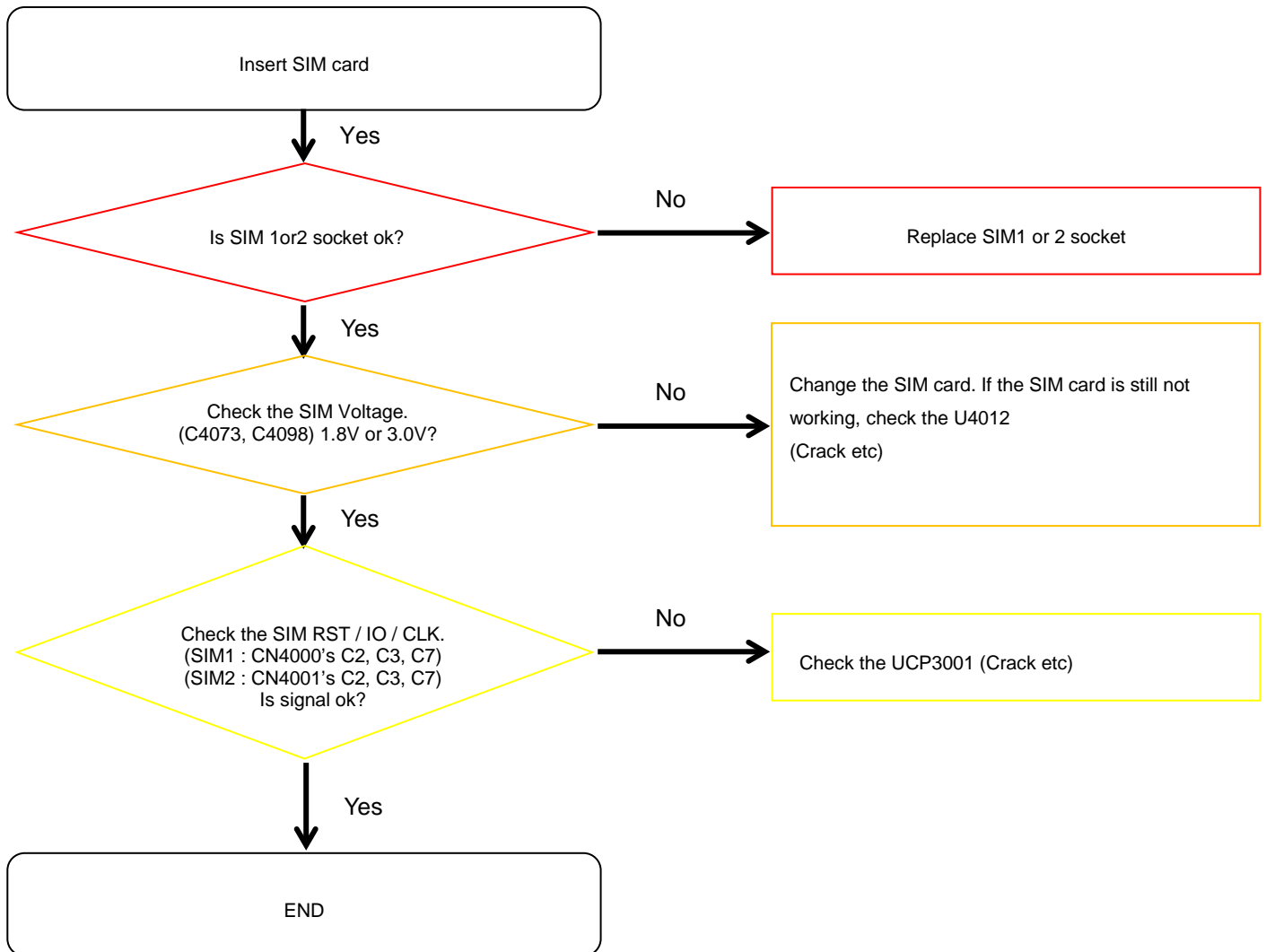
8. Level 3 Repair

8-4-3. No Service



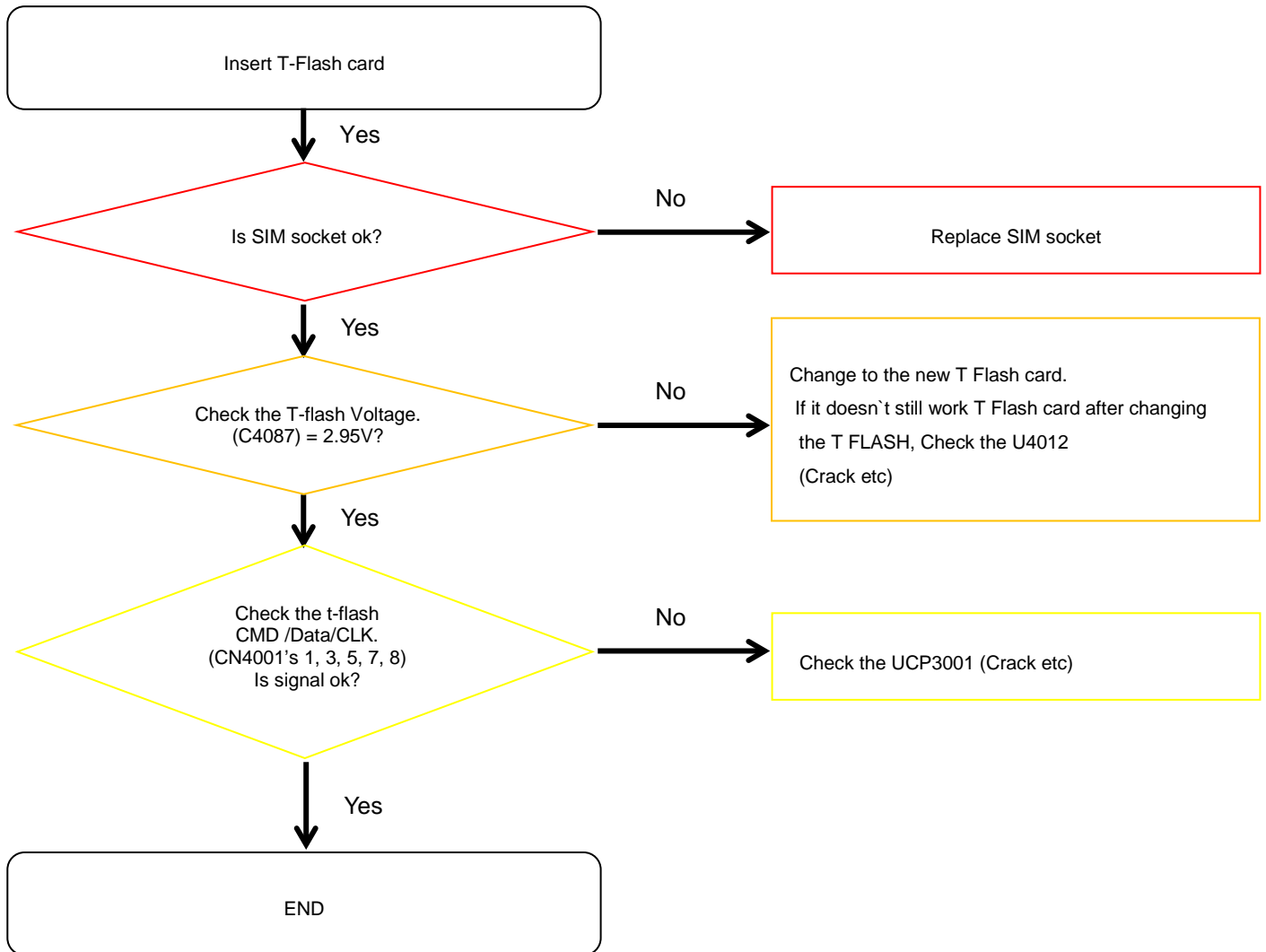
8. Level 3 Repair

8-4-4. SIM Part



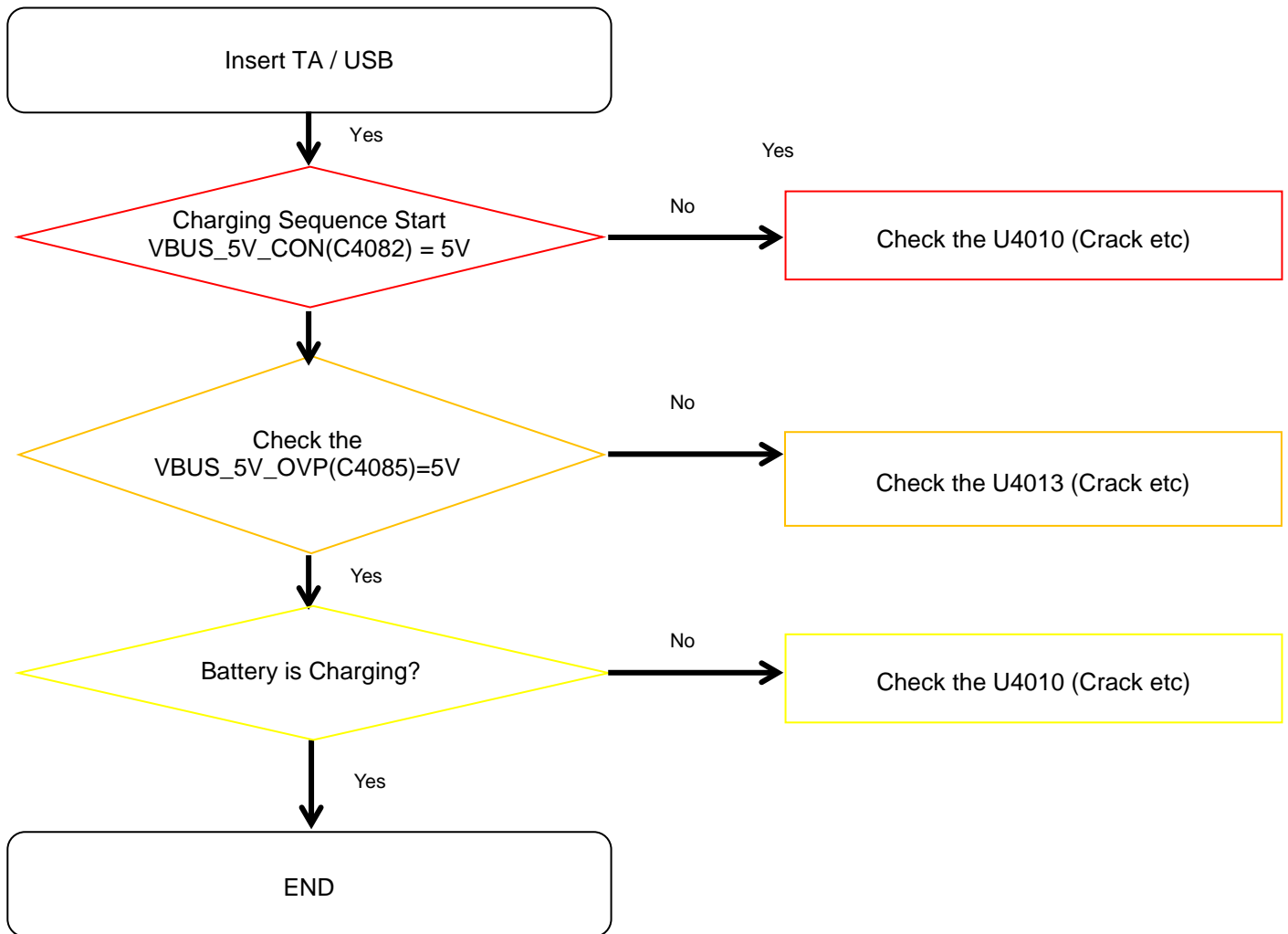
8. Level 3 Repair

8-4-5. T-Flash Part



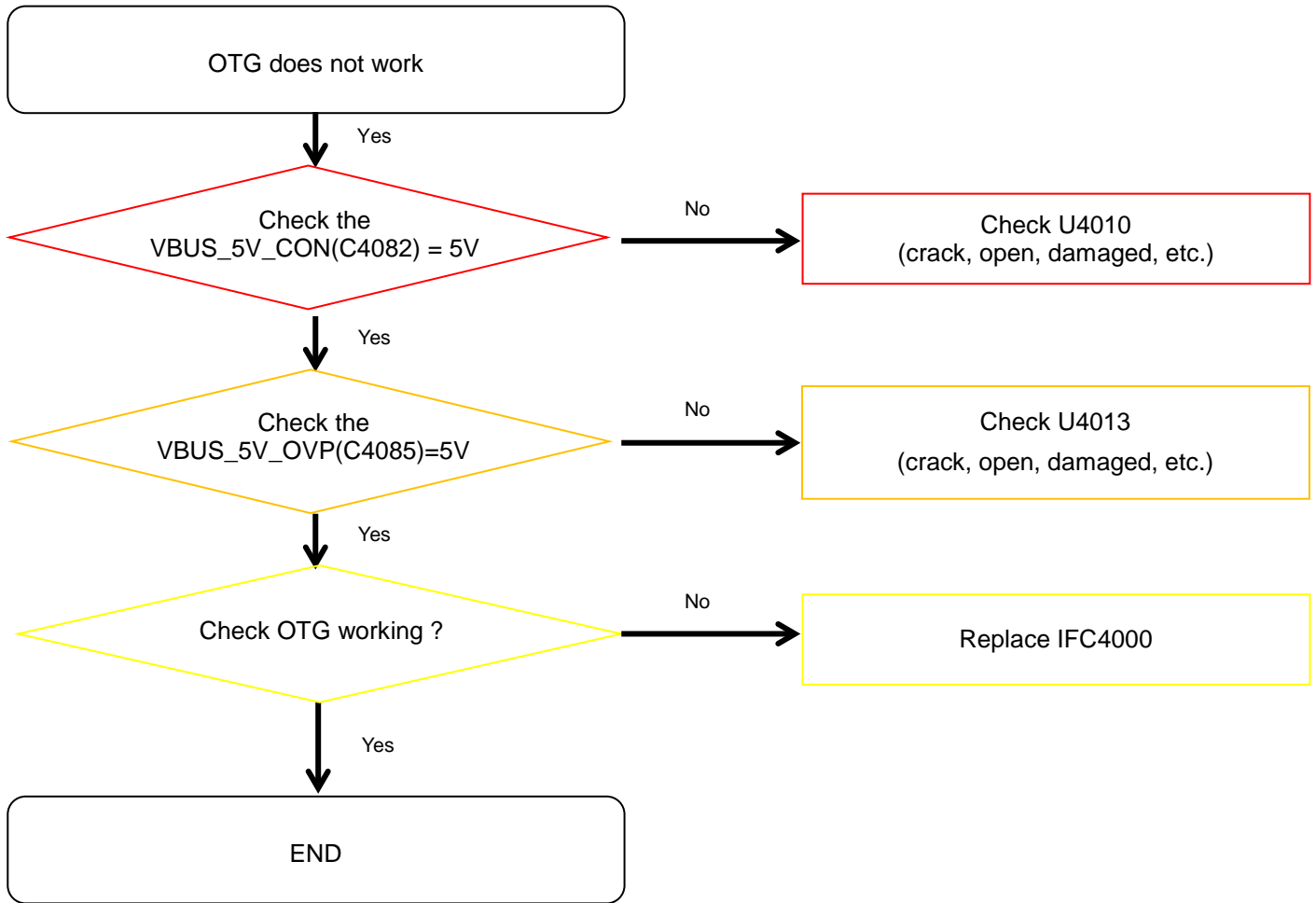
8. Level 3 Repair

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



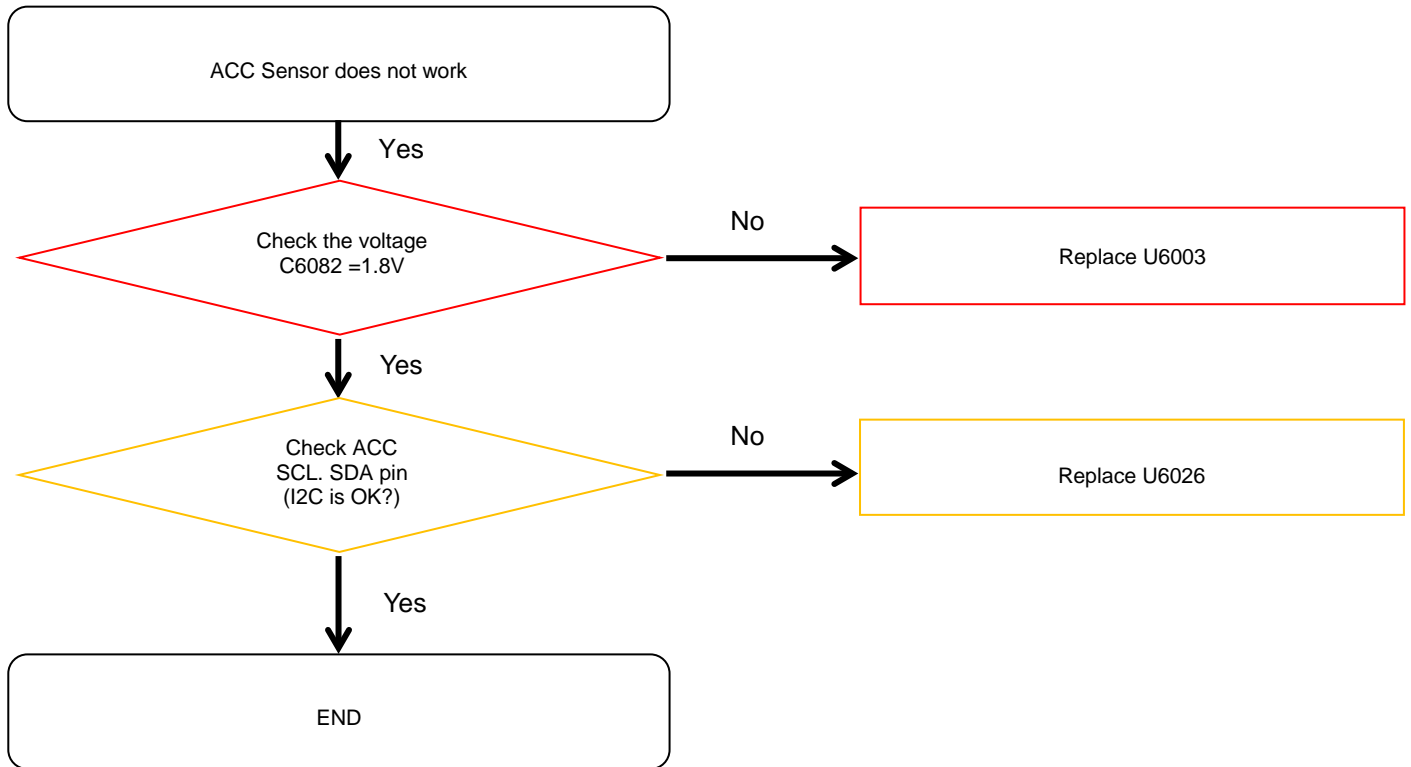
8. Level 3 Repair

8-4-6-2. OTG



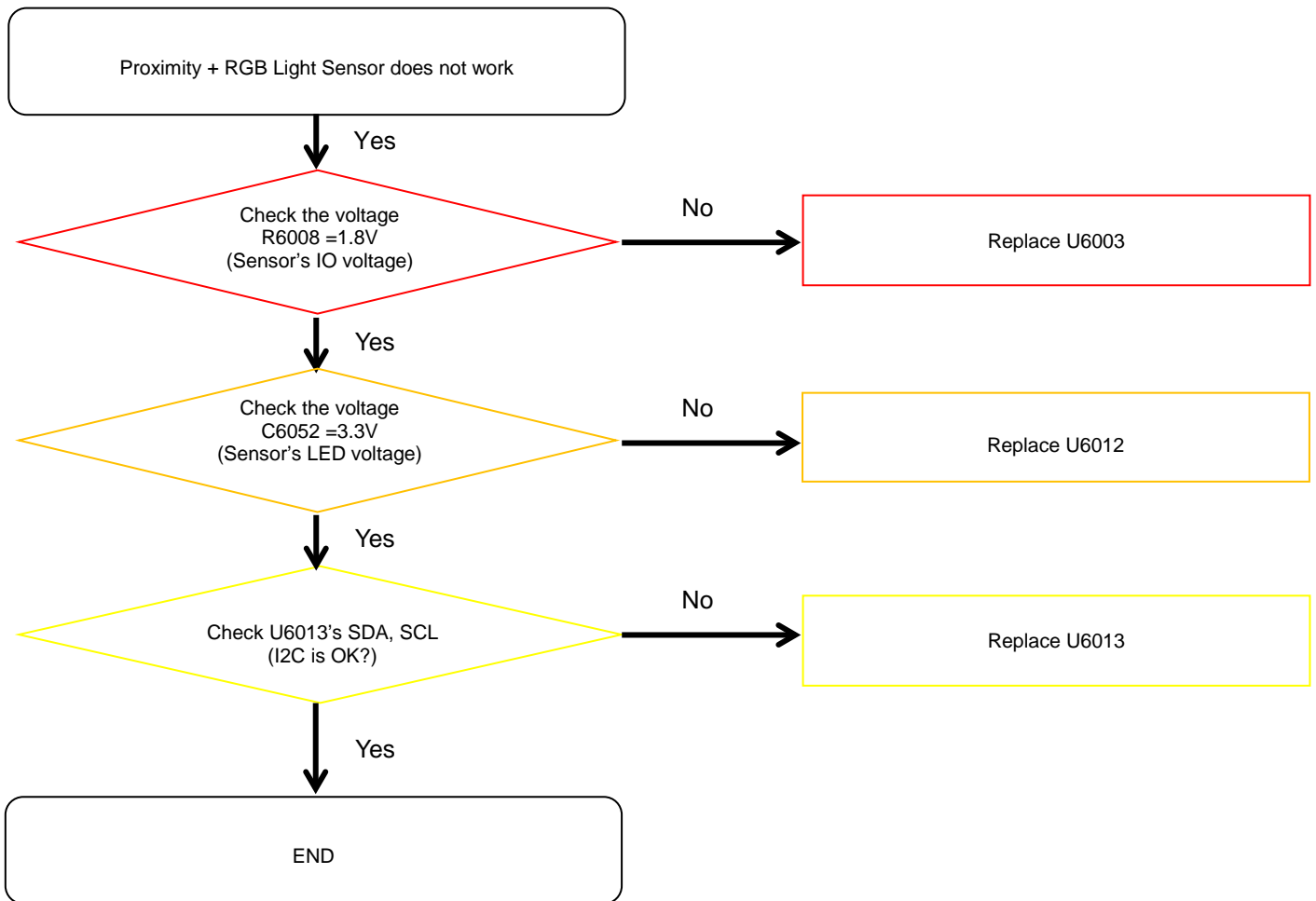
8. Level 3 Repair

8-4-7-1. ACC Sensor



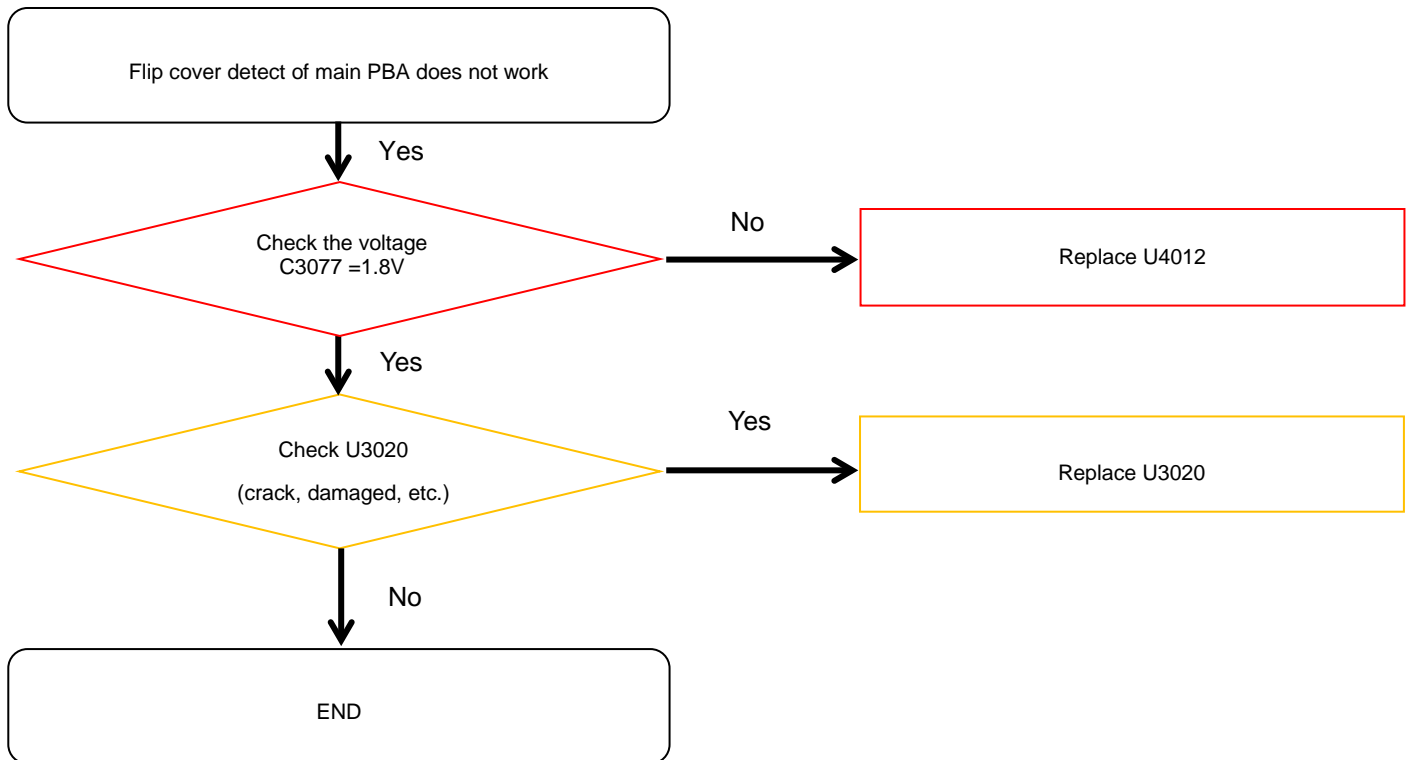
8. Level 3 Repair

8-4-7-2. Proximity sensor



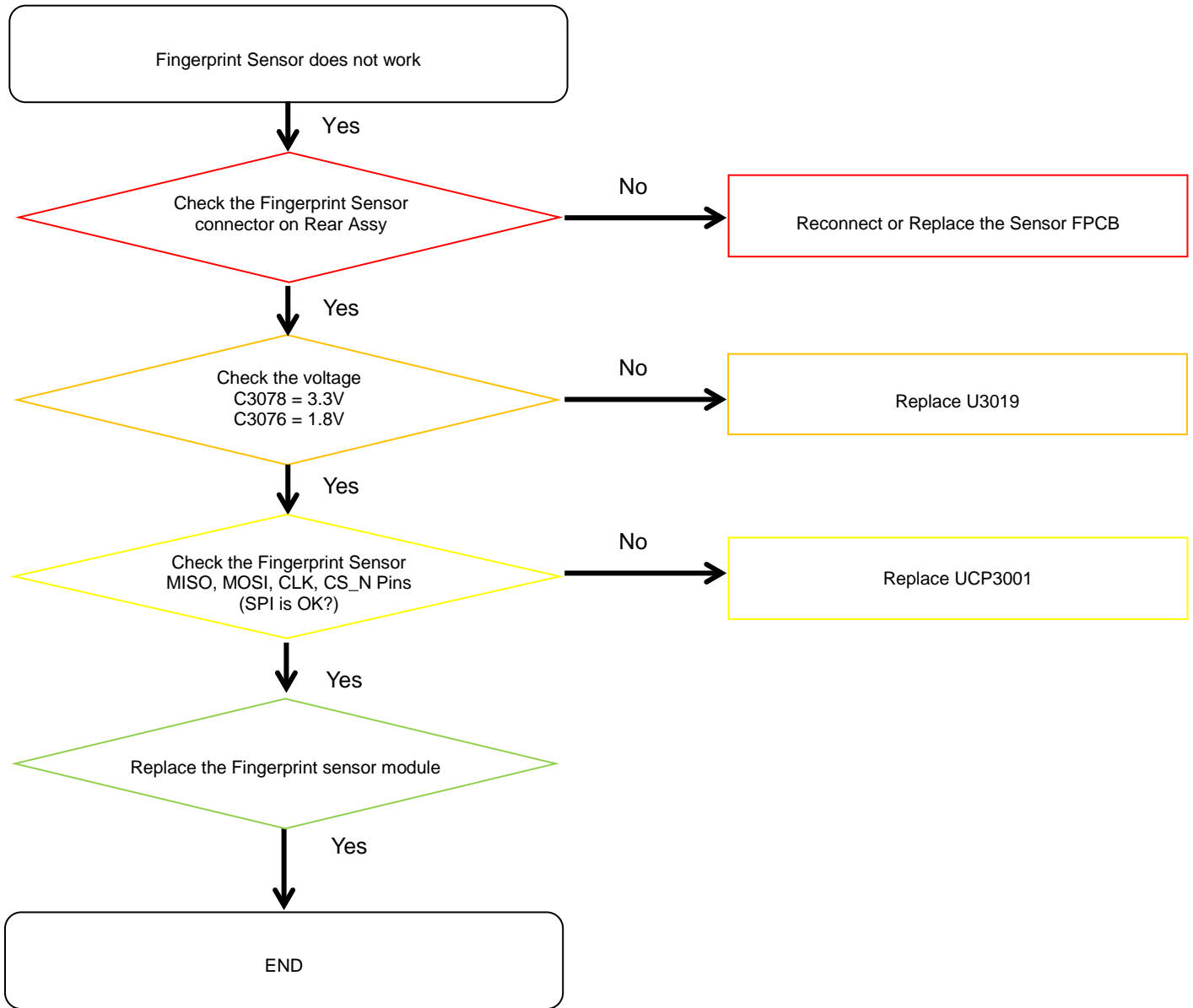
8. Level 3 Repair

8-4-7-3. Flip cover detect



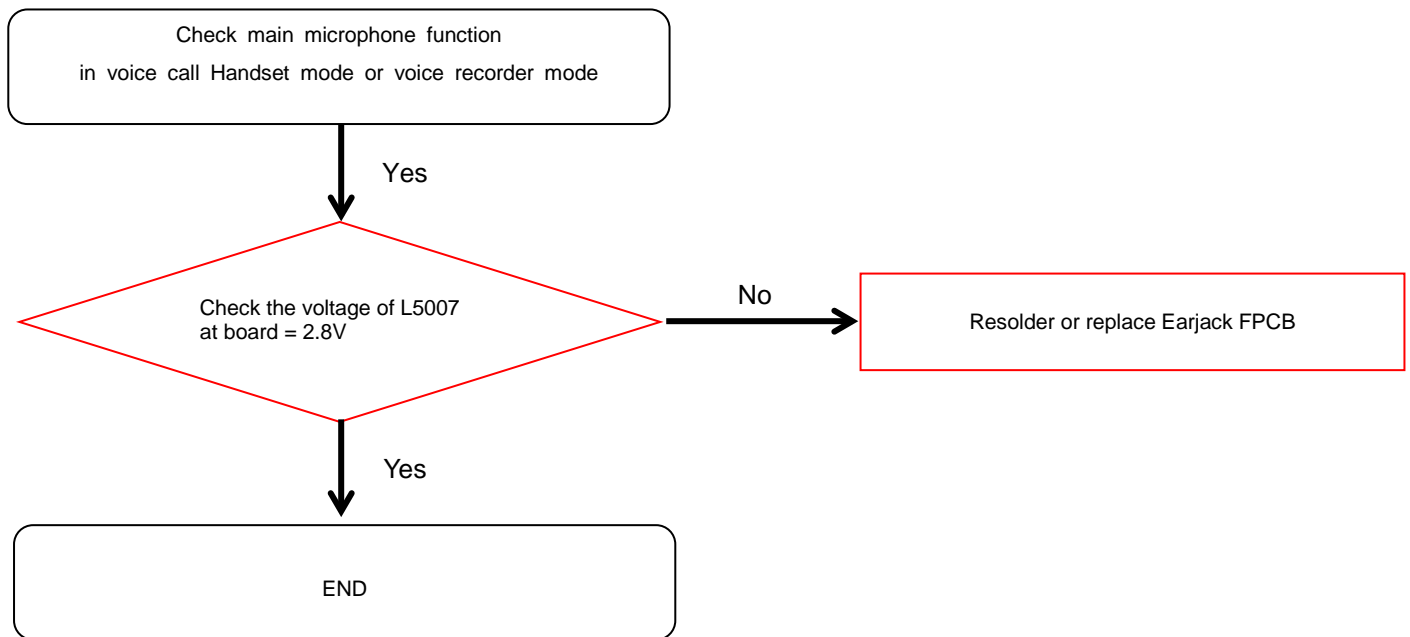
8. Level 3 Repair

8-4-7-4. Fingerprint Sensor



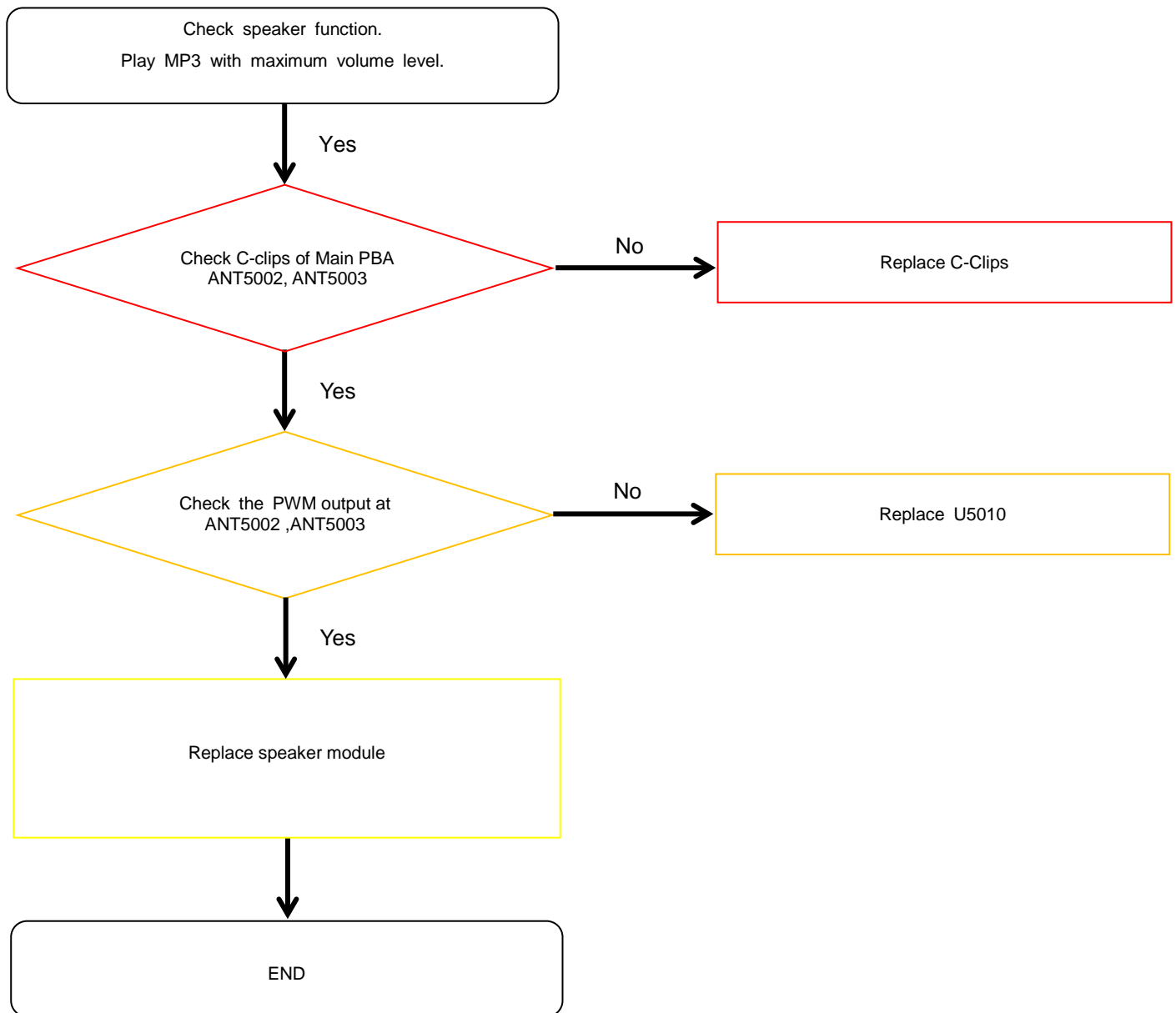
8. Level 3 Repair

8-4-8. Microphone Part - Main MIC



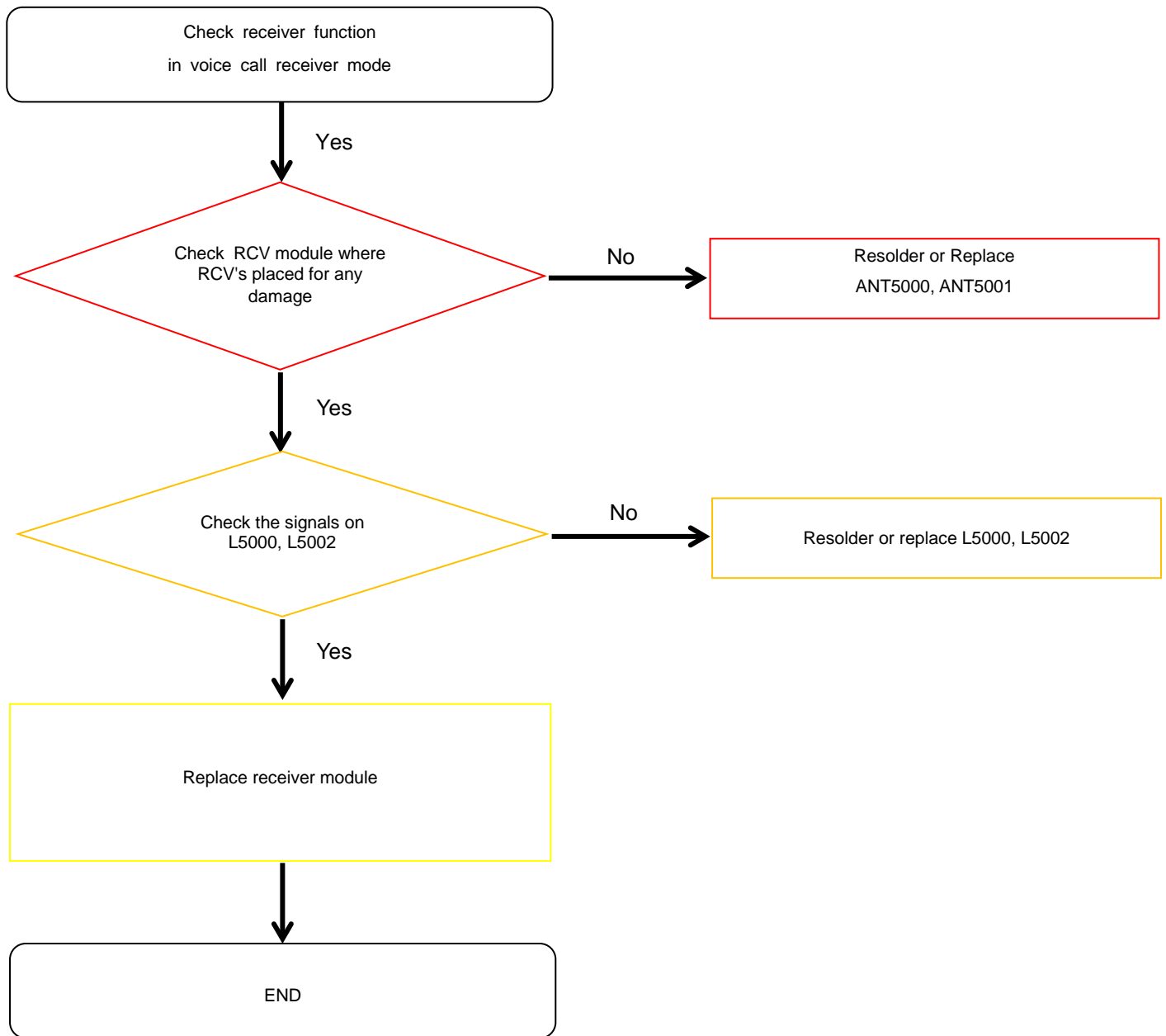
8. Level 3 Repair

8-4-9. Speaker Part



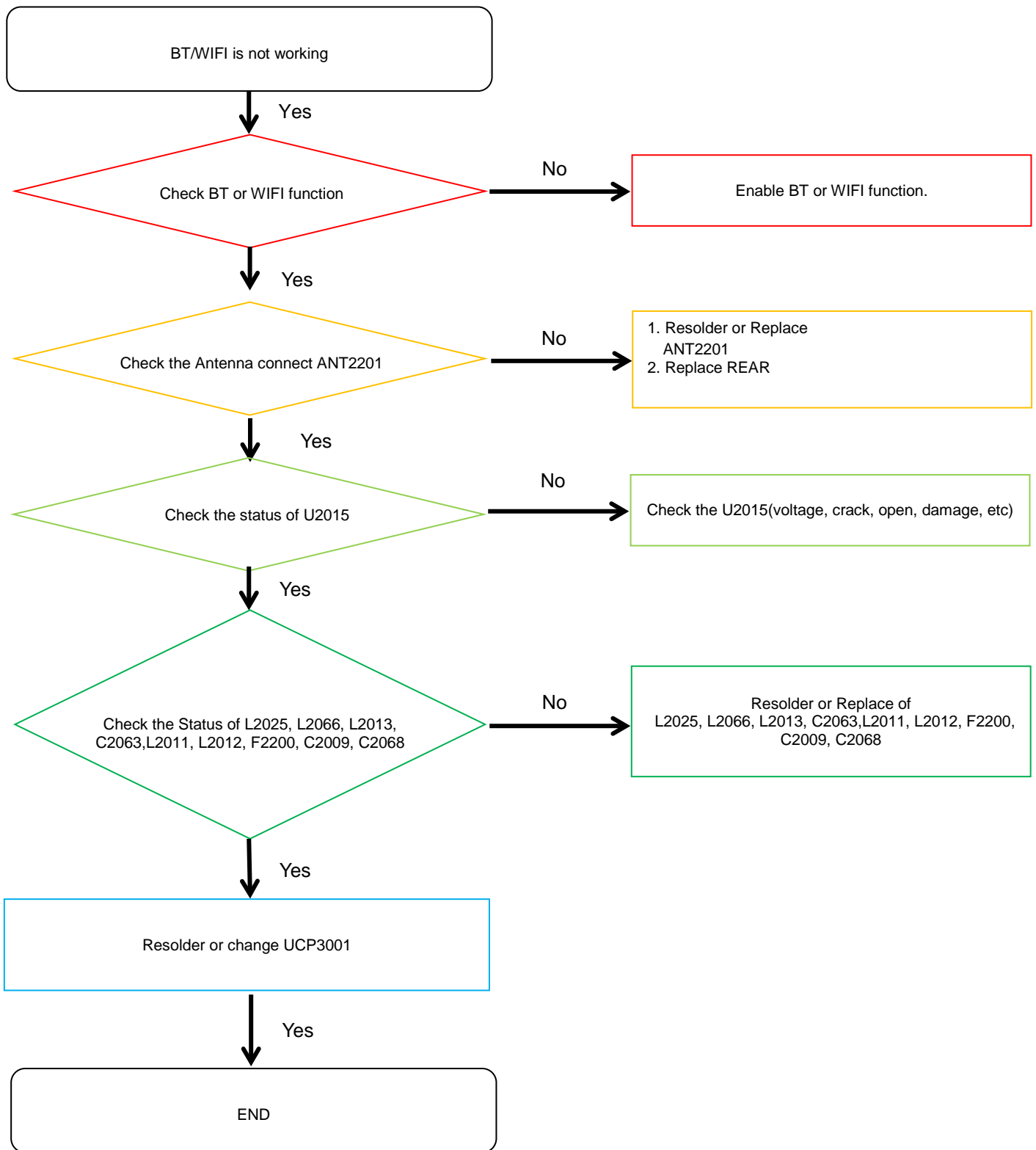
8. Level 3 Repair

8-4-10. Receiver Part



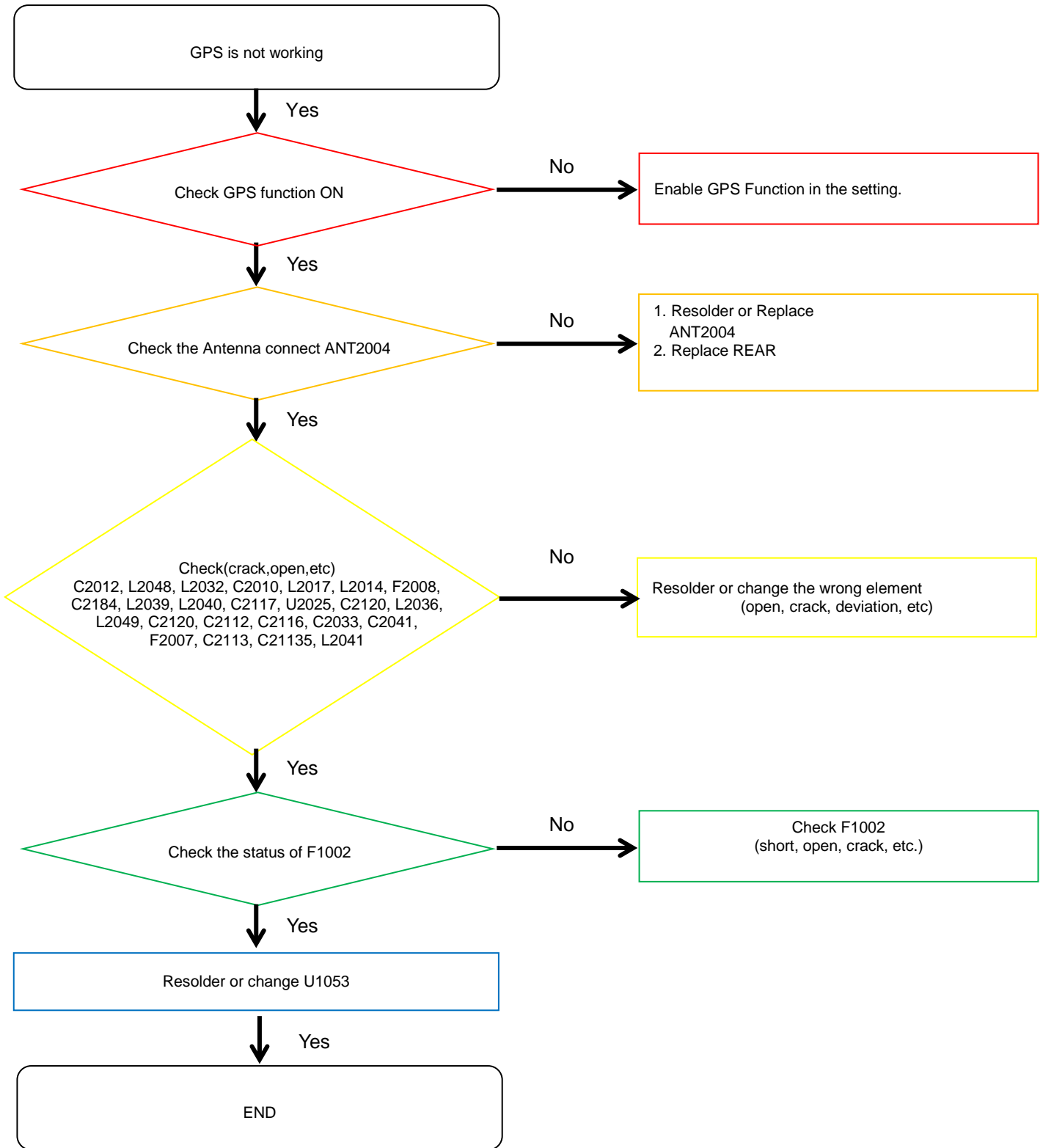
8. Level 3 Repair

8-4-11. BT/WIFI



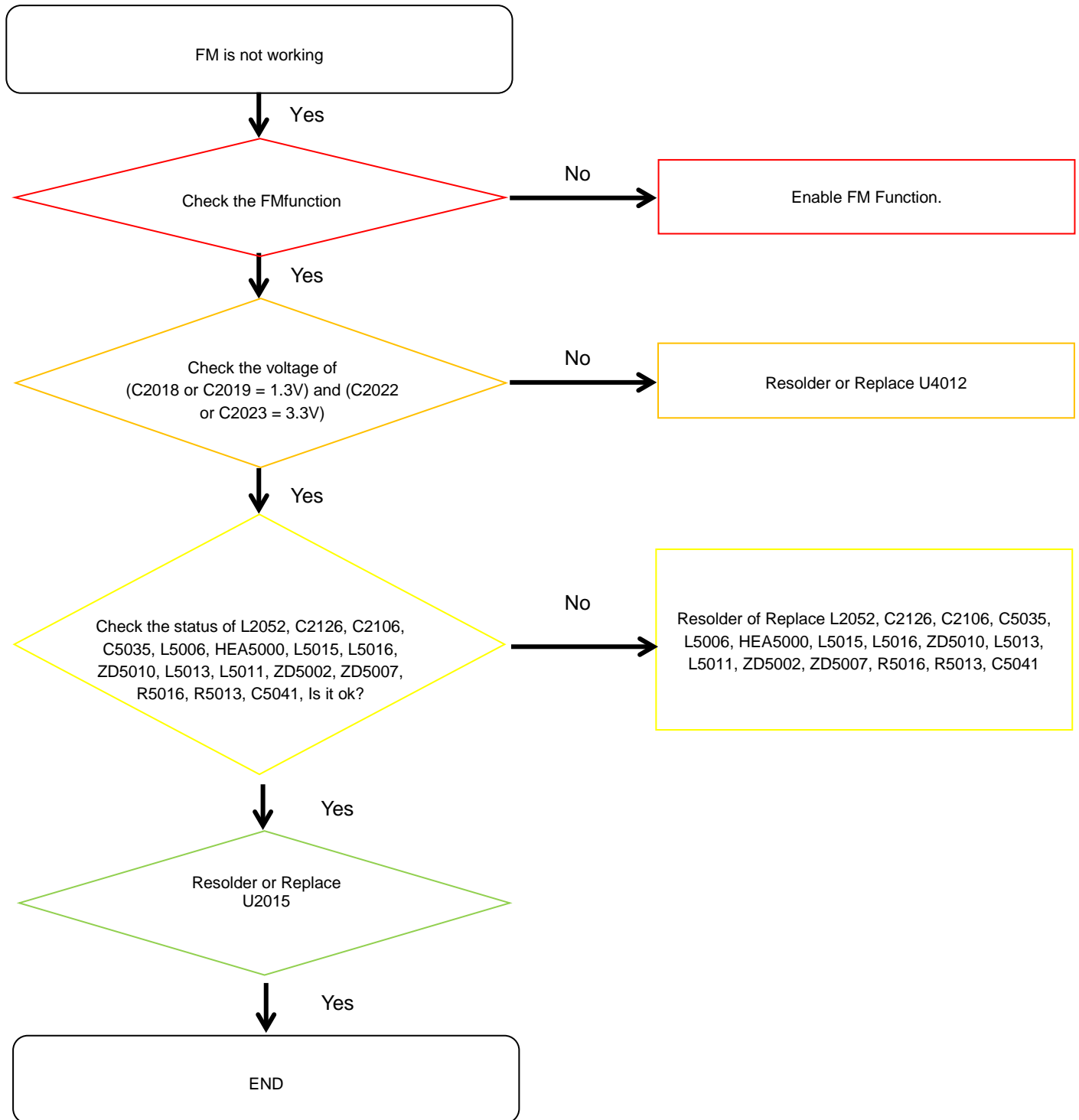
8. Level 3 Repair

8-4-12. GPS



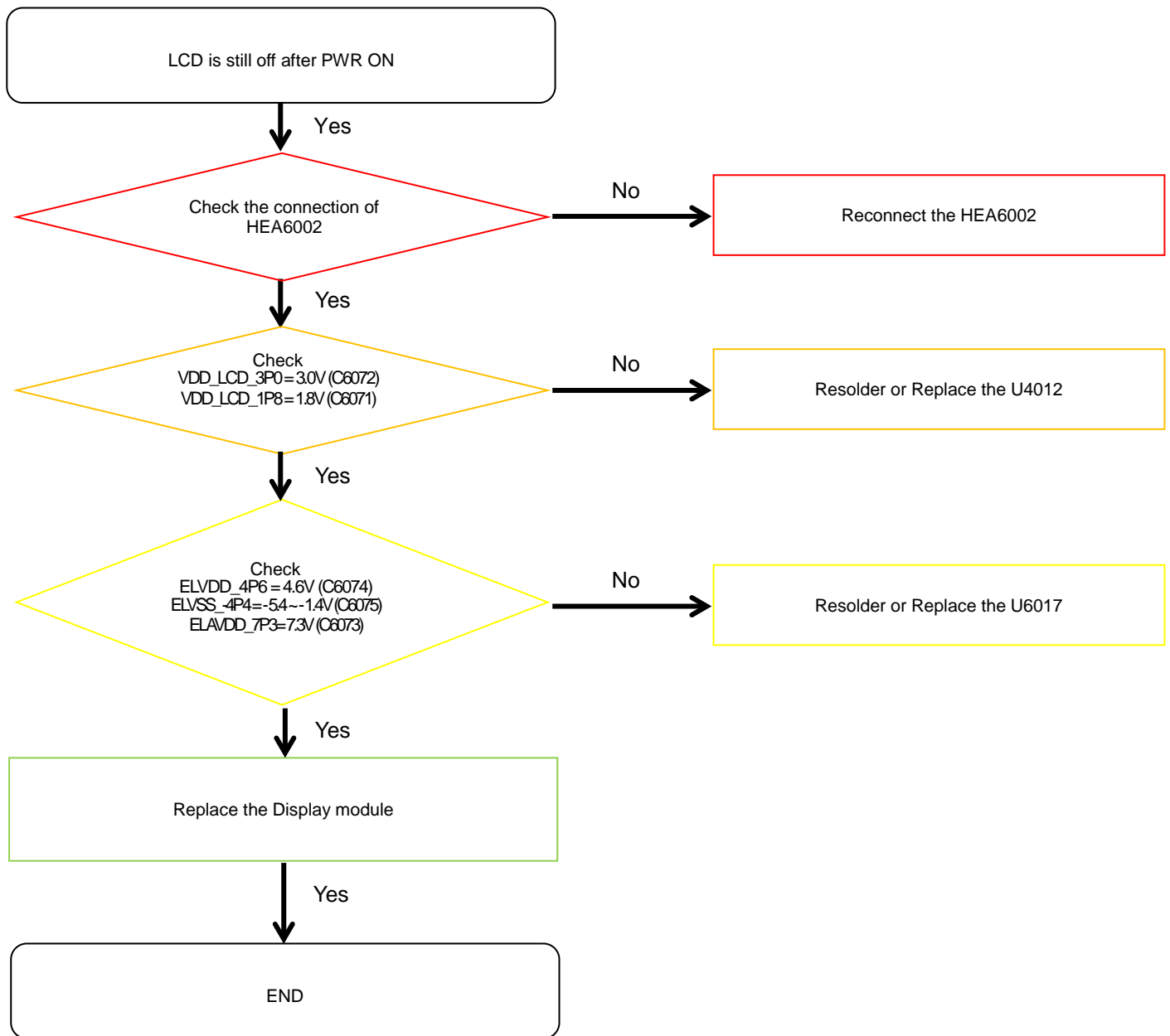
8. Level 3 Repair

8-4-13. FM radio part



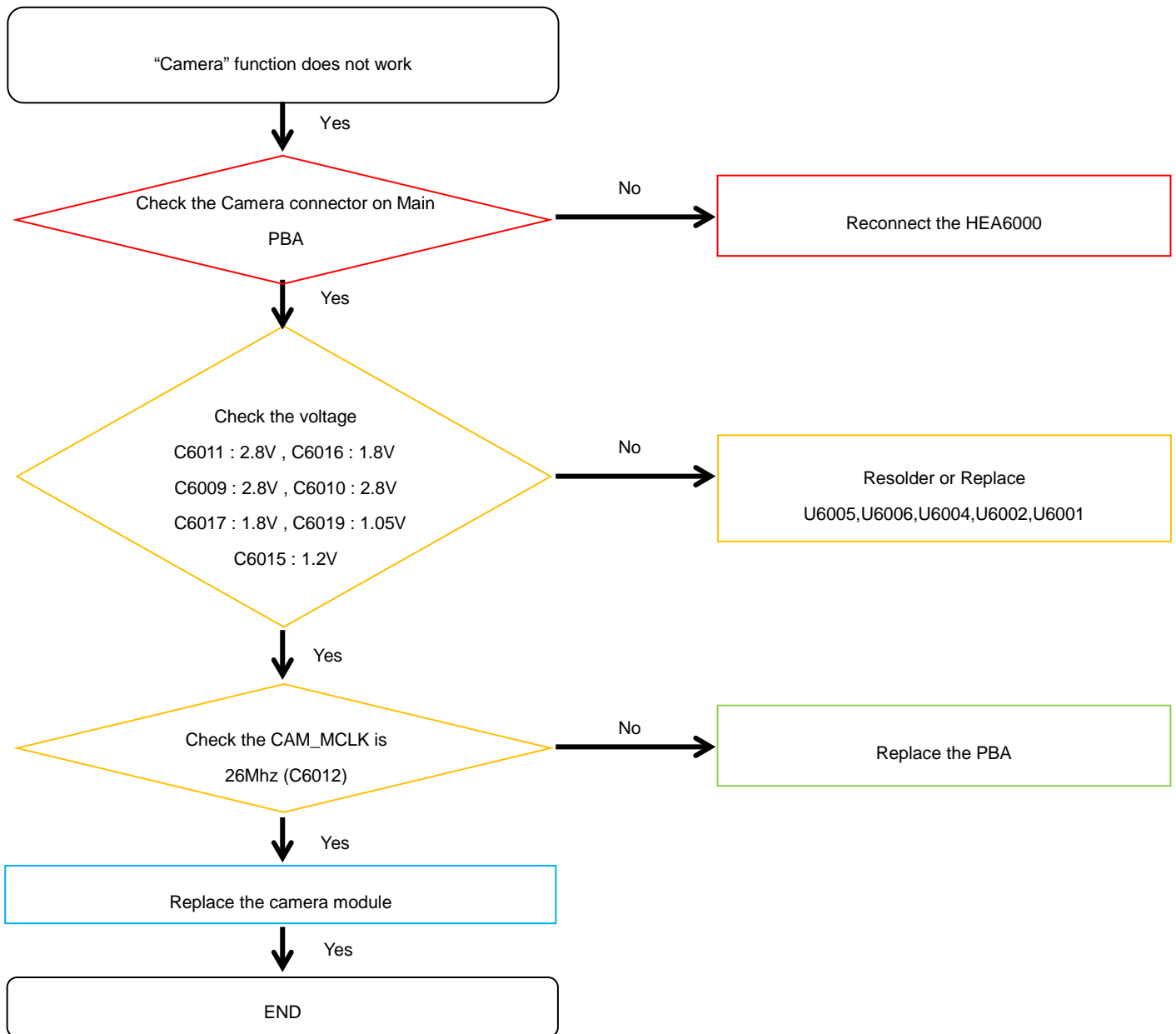
8. Level 3 Repair

8-4-14. Display



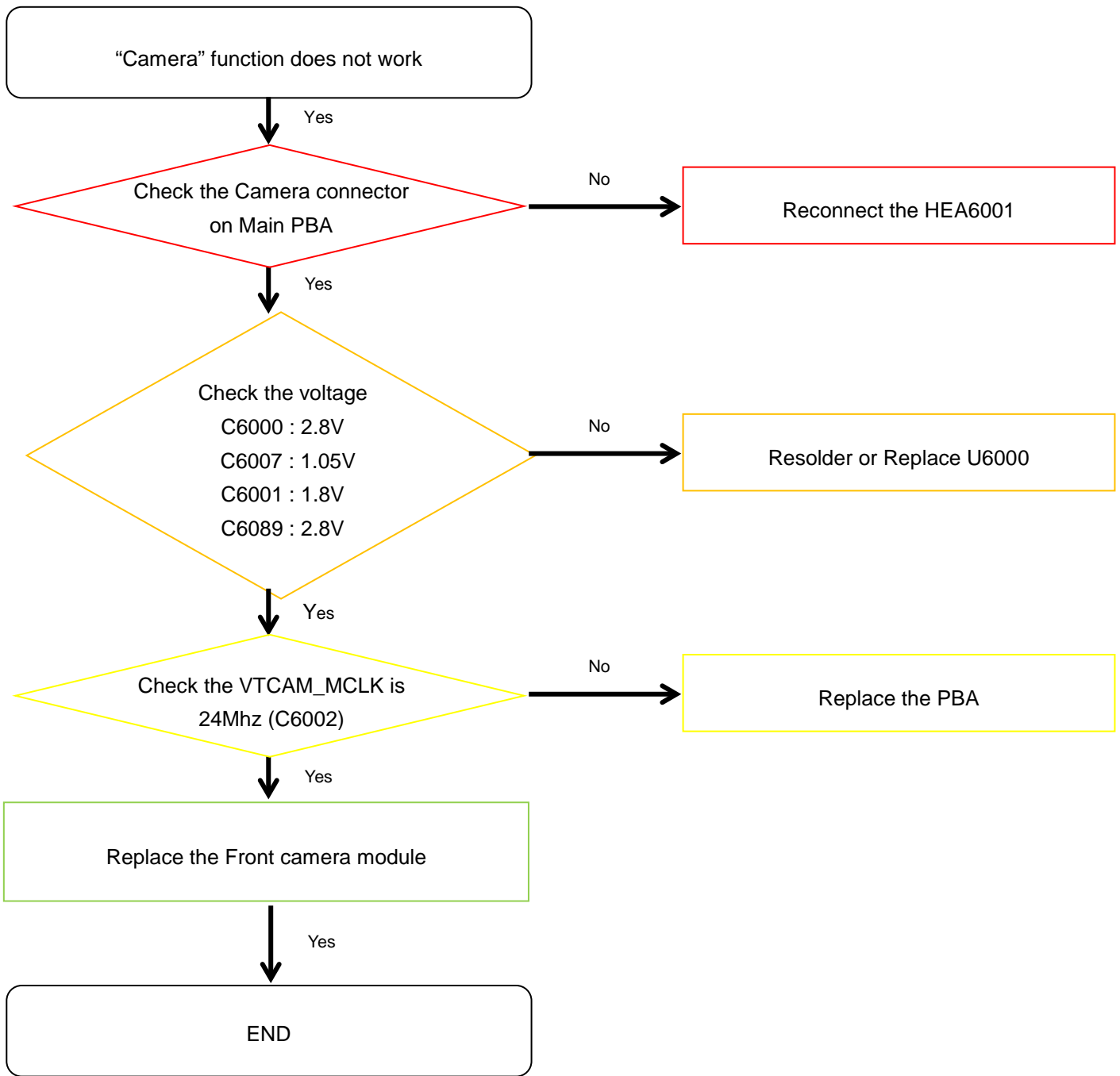
8. Level 3 Repair

8-4-15. DUAL CAMERA



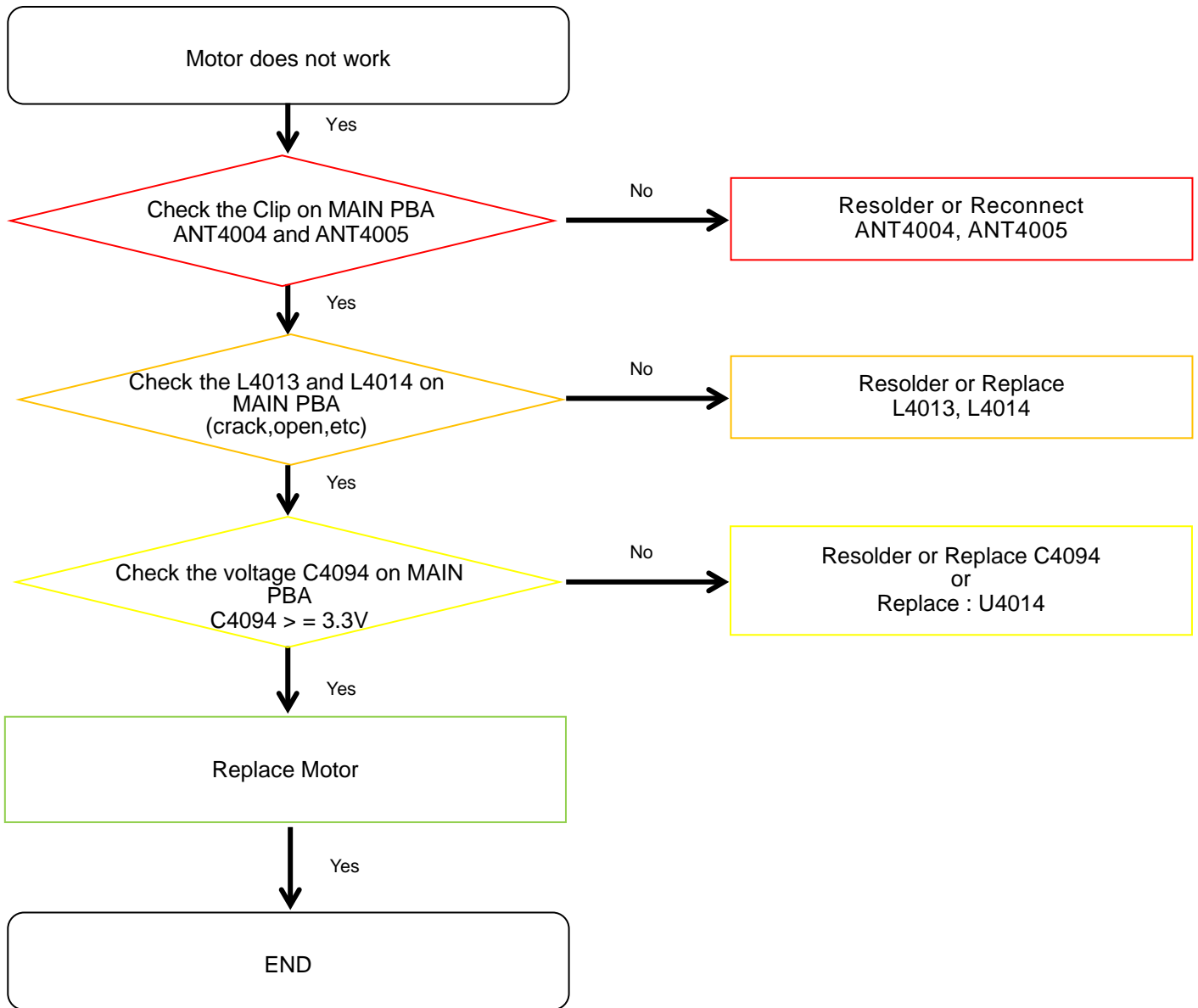
8. Level 3 Repair

8-4-16. VT CAMERA



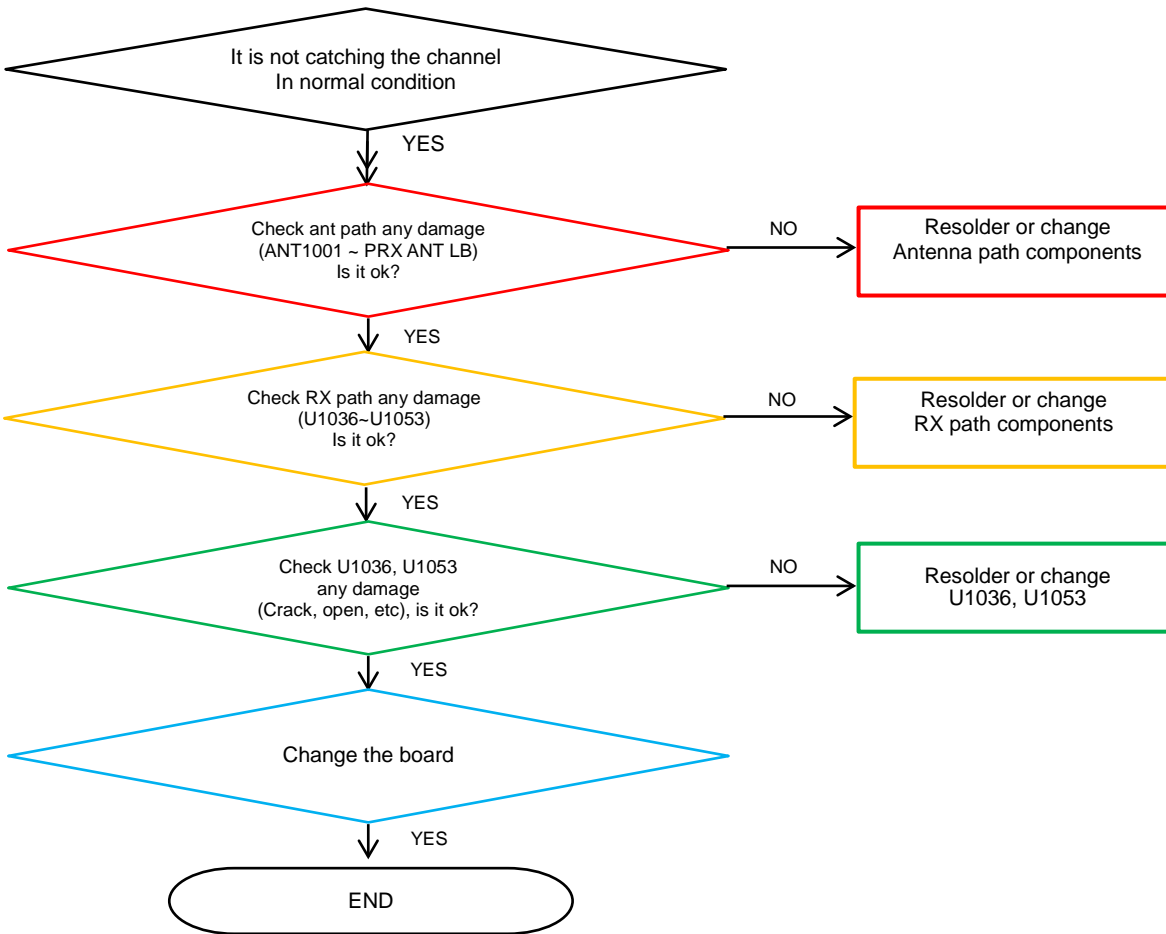
8. Level 3 Repair

8-4-17. Motor



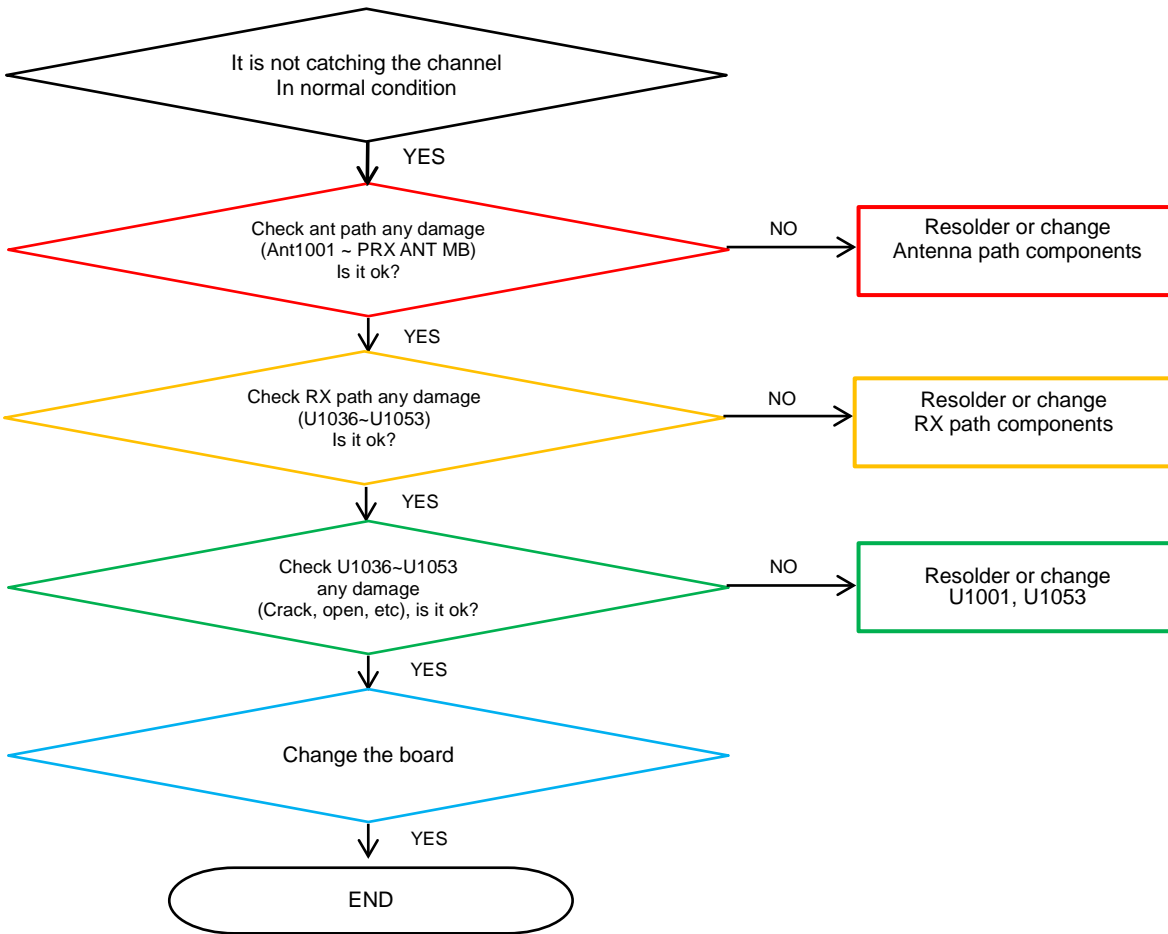
8. Level 3 Repair

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



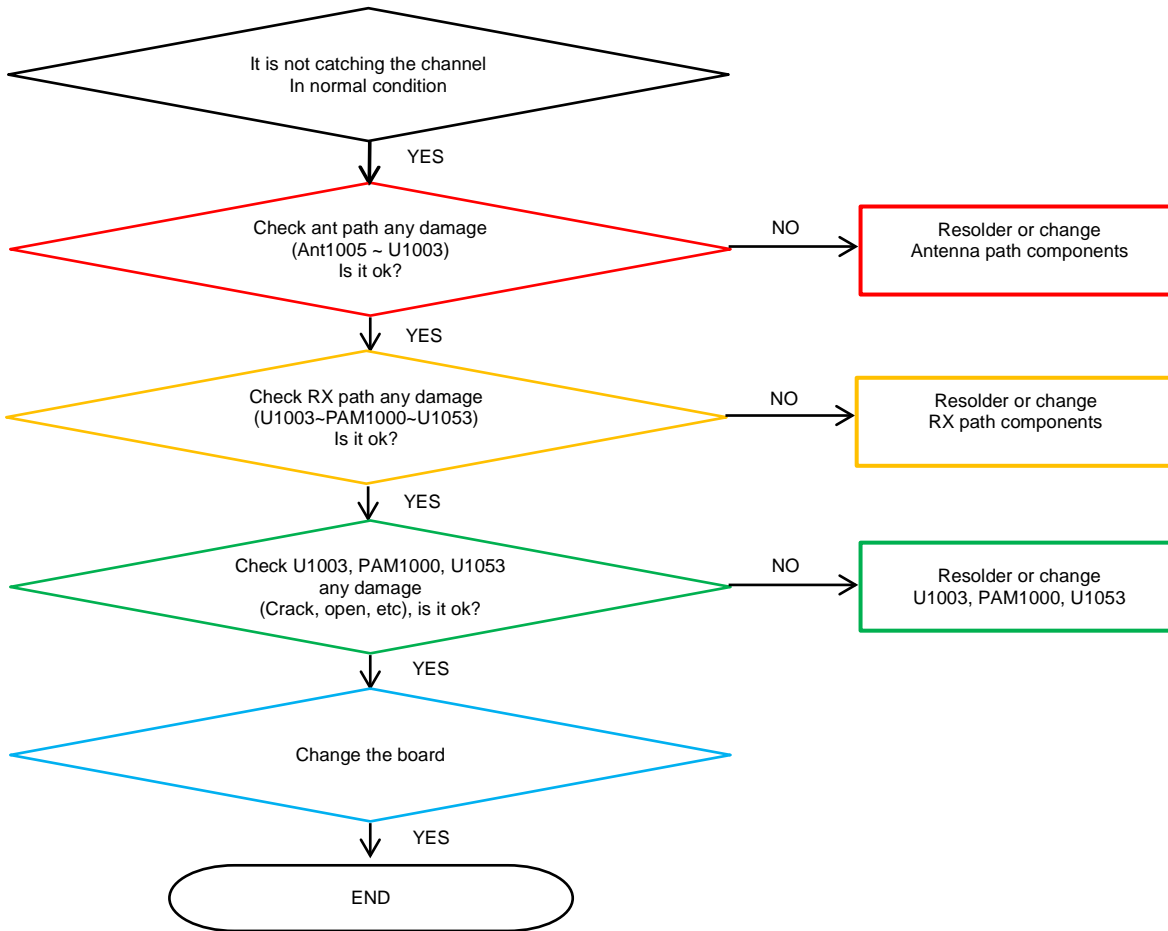
8. Level 3 Repair

8-4-19. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/66 PRx



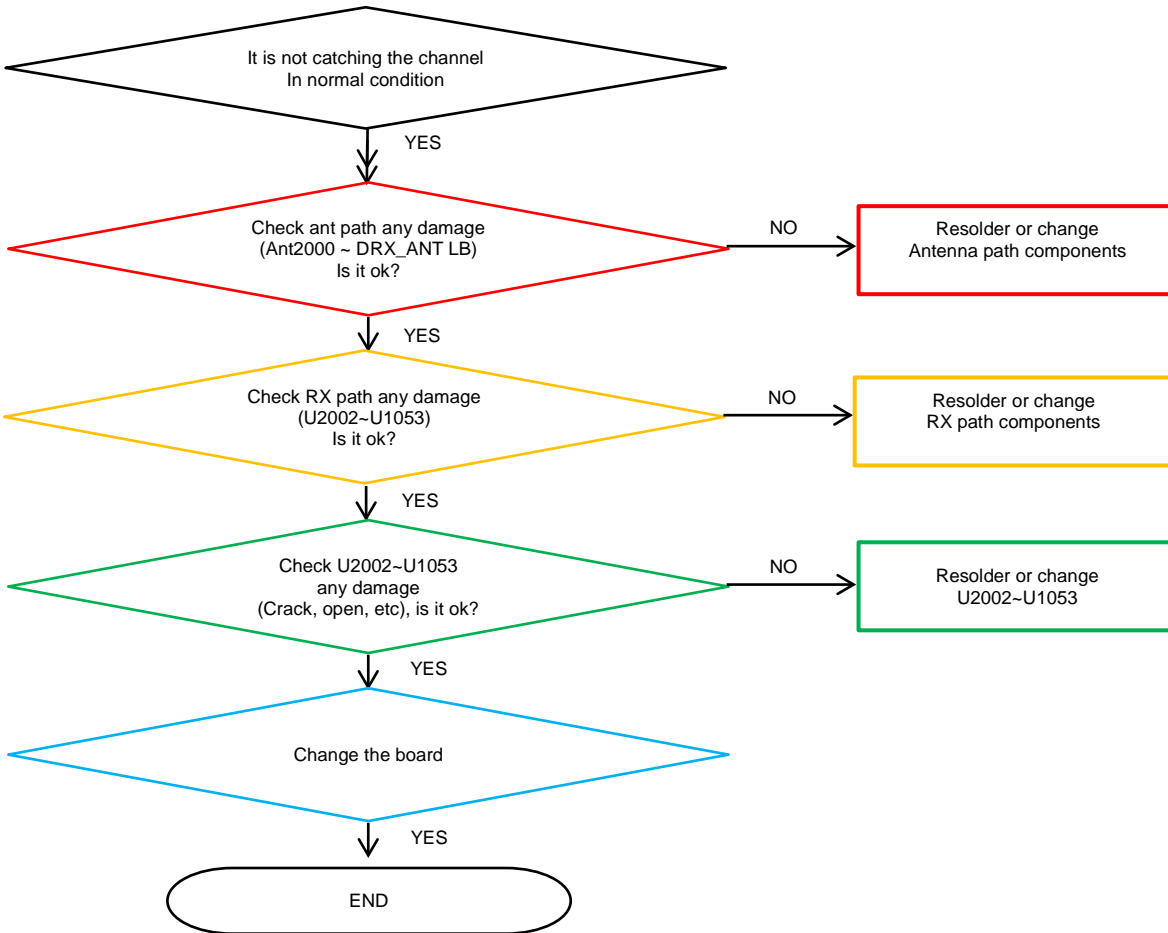
8. Level 3 Repair

8-4-20. LTE B7/38/40/41 PRx



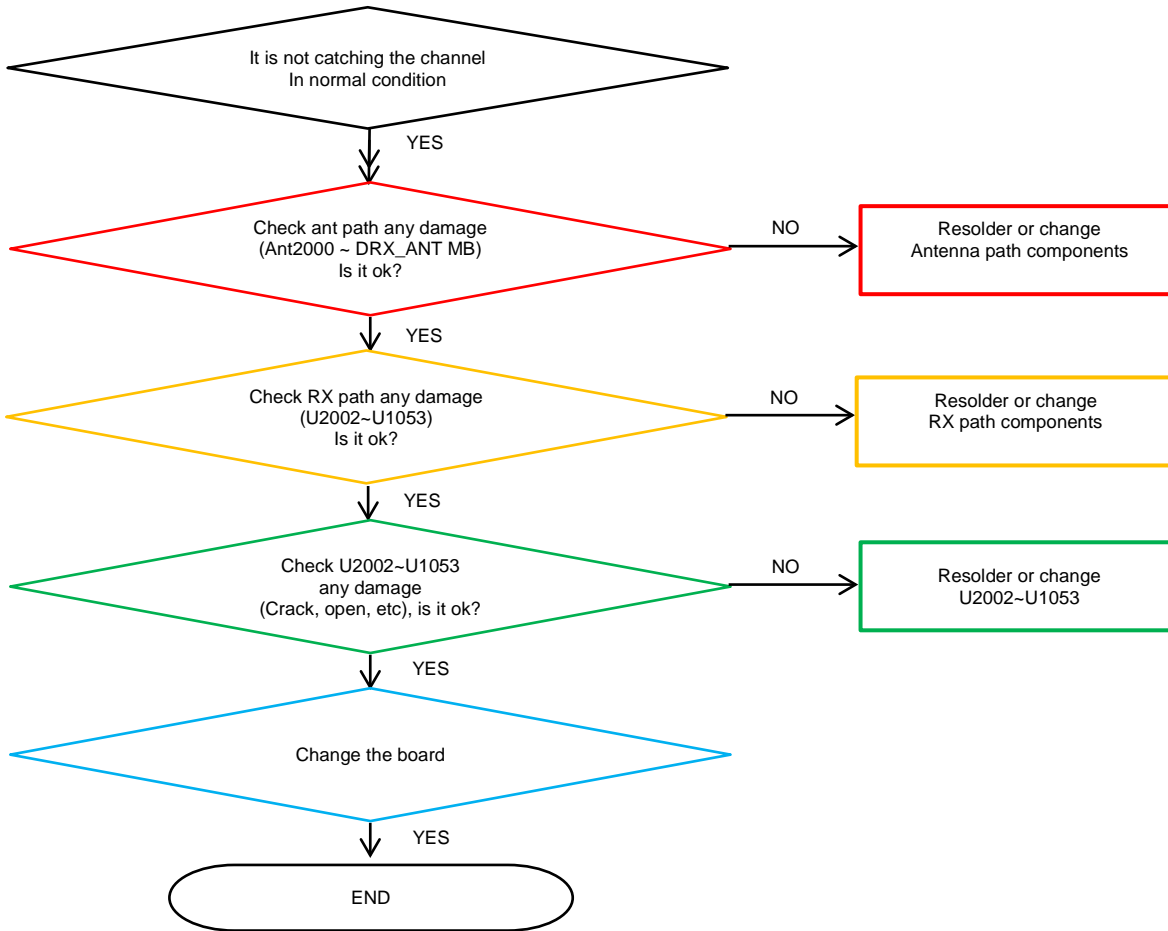
8. Level 3 Repair

8-4-21. GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/28 DRx



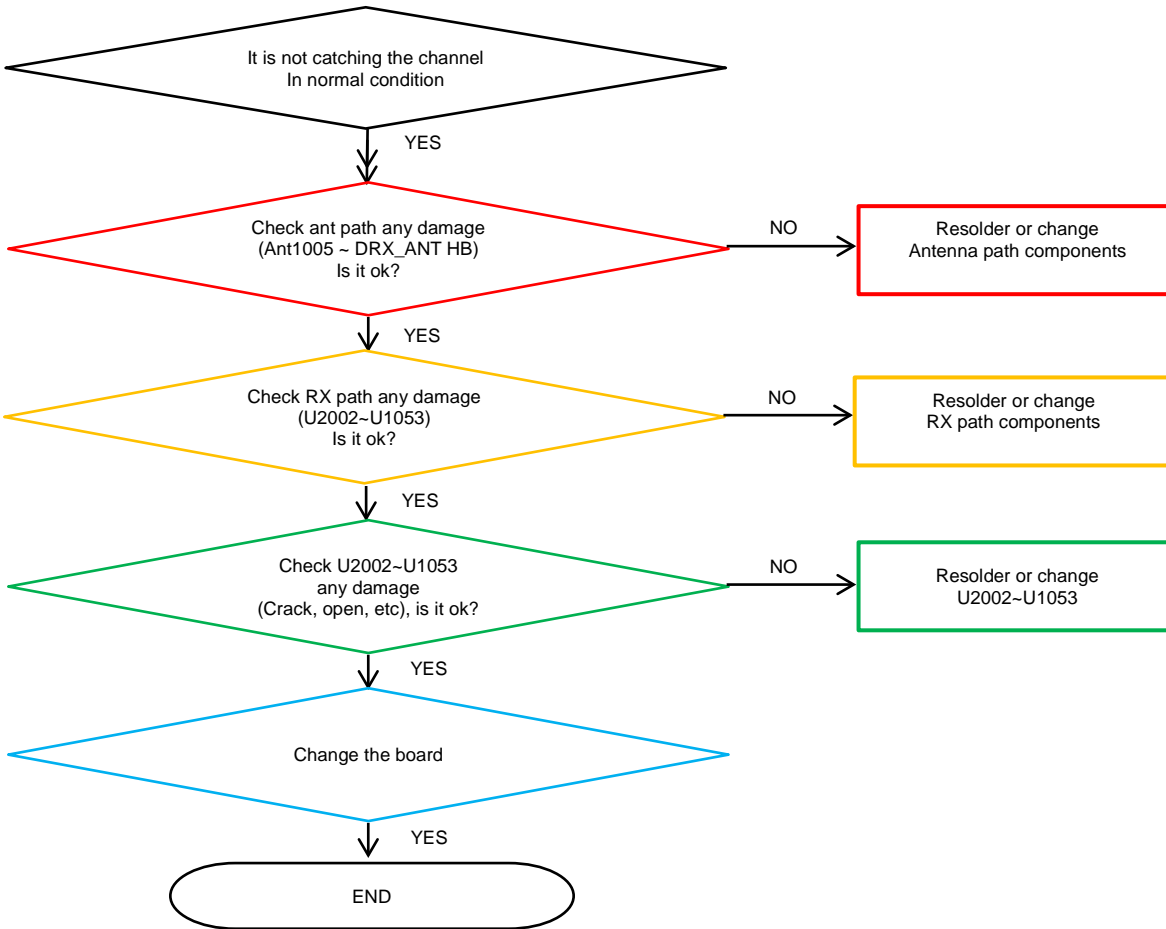
8. Level 3 Repair

8-4-22. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/66 DRx



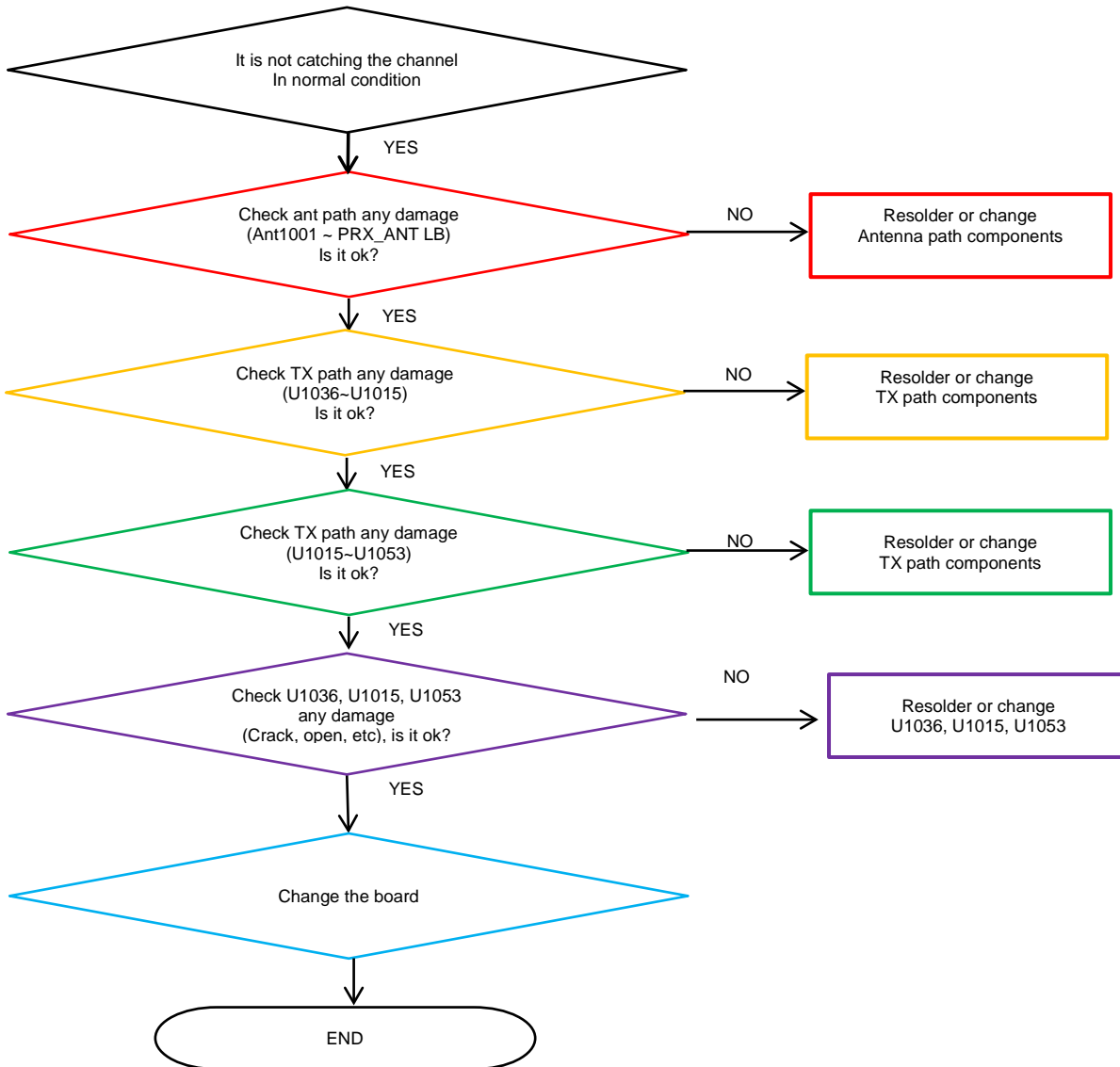
8. Level 3 Repair

8-4-23. LTE B7/38/40 DRx



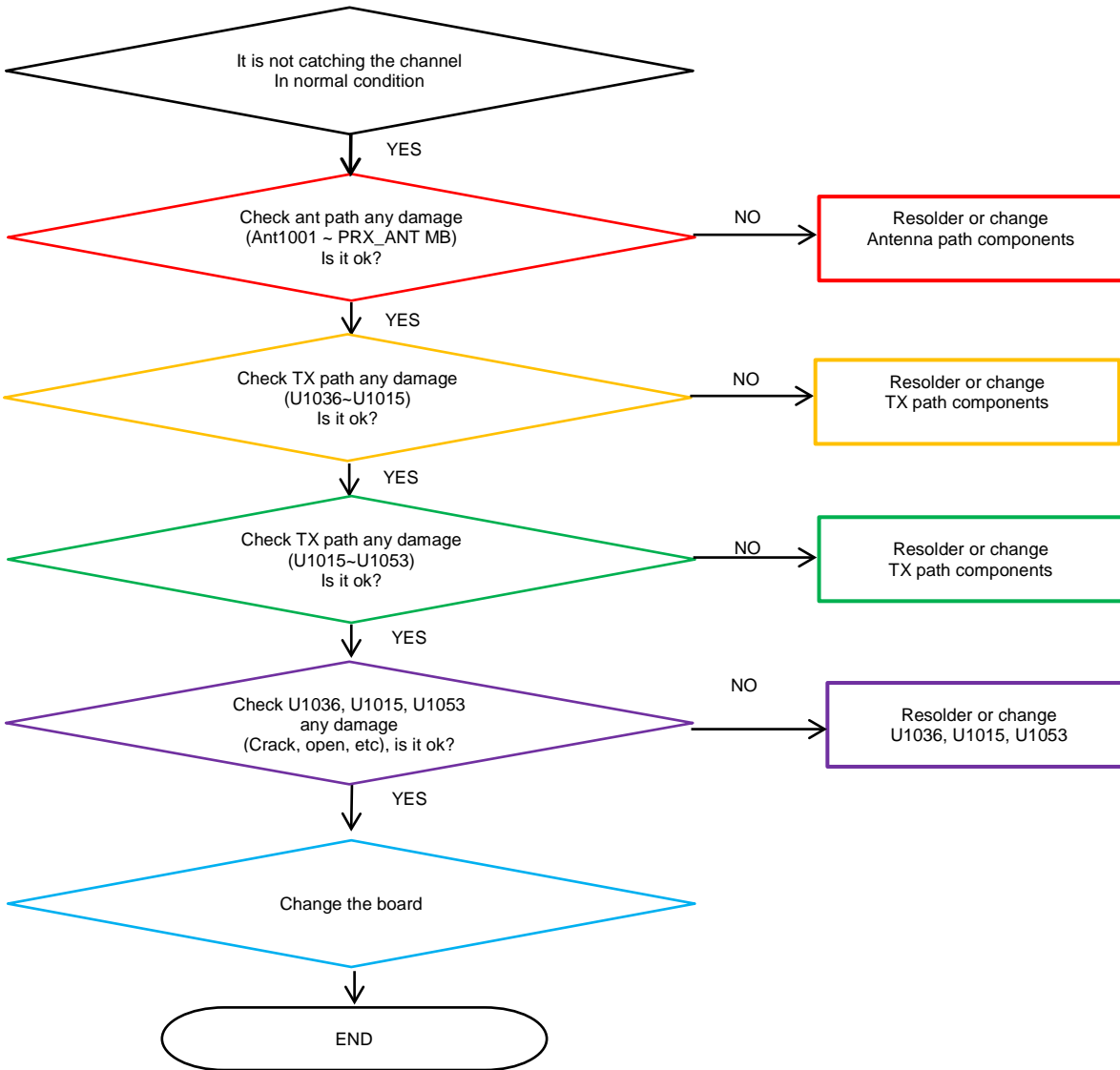
8. Level 3 Repair

8-4-24. GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/28 TX



8. Level 3 Repair

8-4-25. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/66 Tx



8. Level 3 Repair

8-4-26. LTE B7/38/40 Tx

