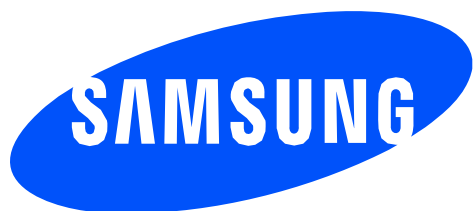


SAMSUNG SM-M105F Service Manual



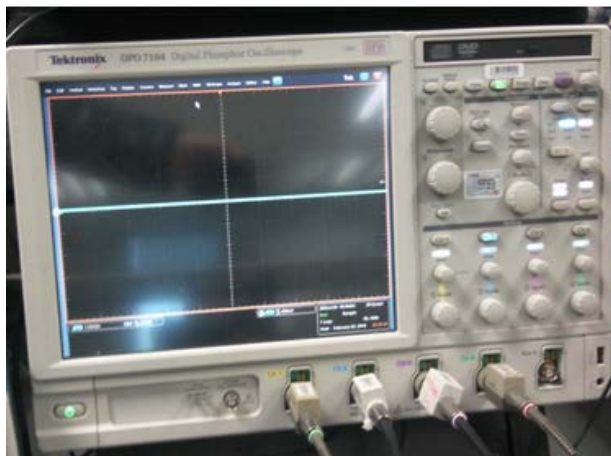
SERVICE *Manual*



8. Level 3 Repair



8-3. Flow chart of Troubleshooting.



Oscilloscope



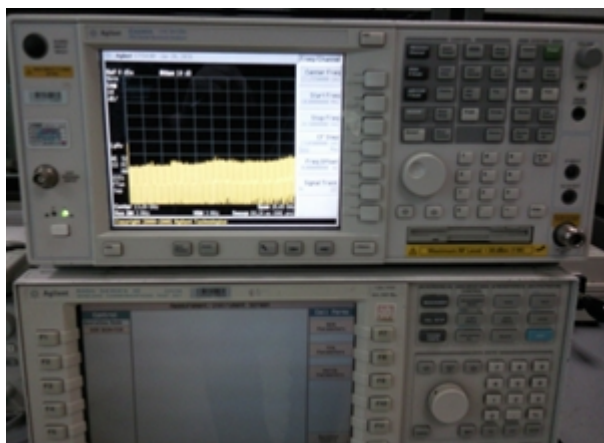
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



8960 & Spectrum Analyzer

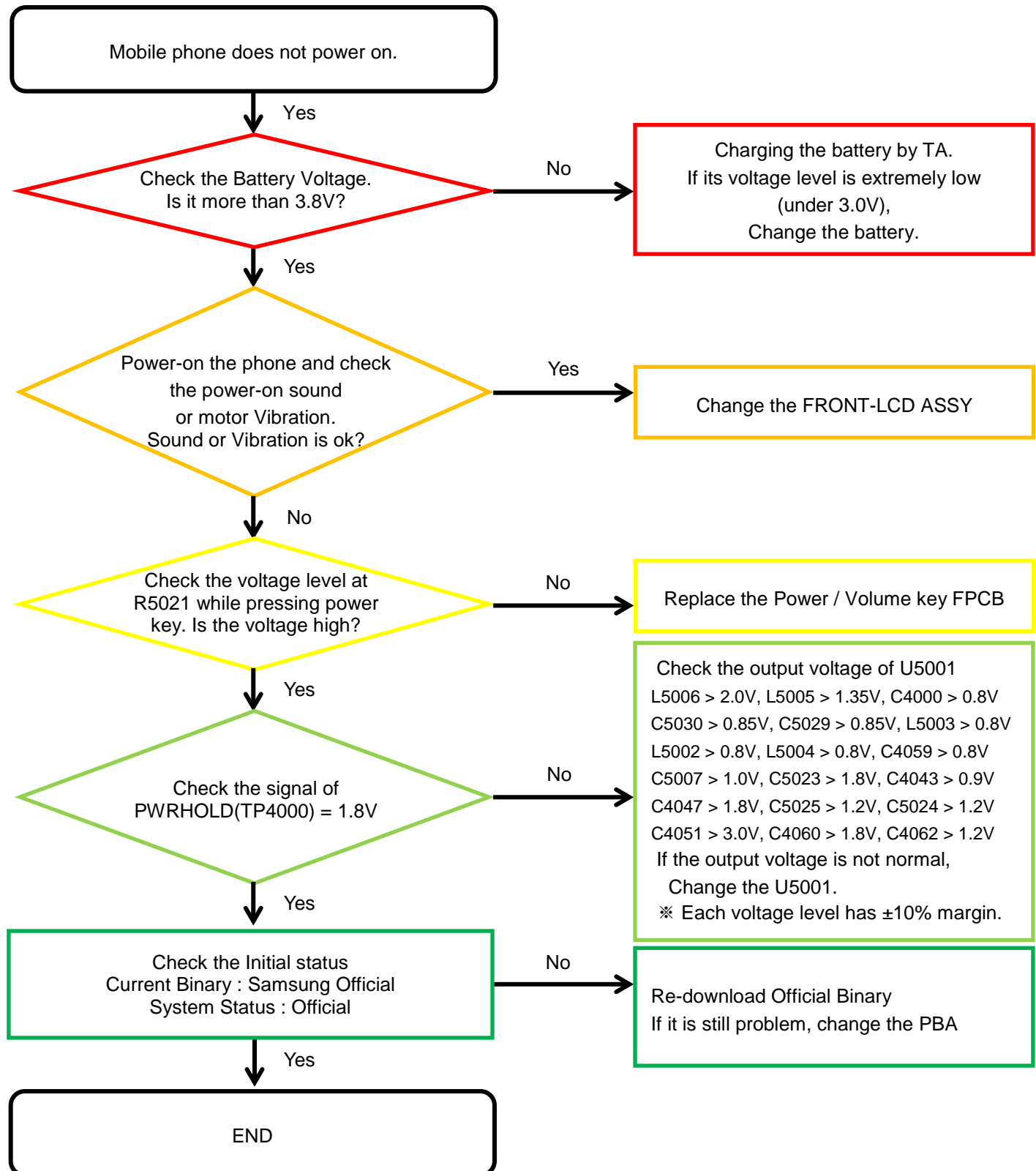


Soldering iron

8. Level 3 Repair



8-4-1. Power On

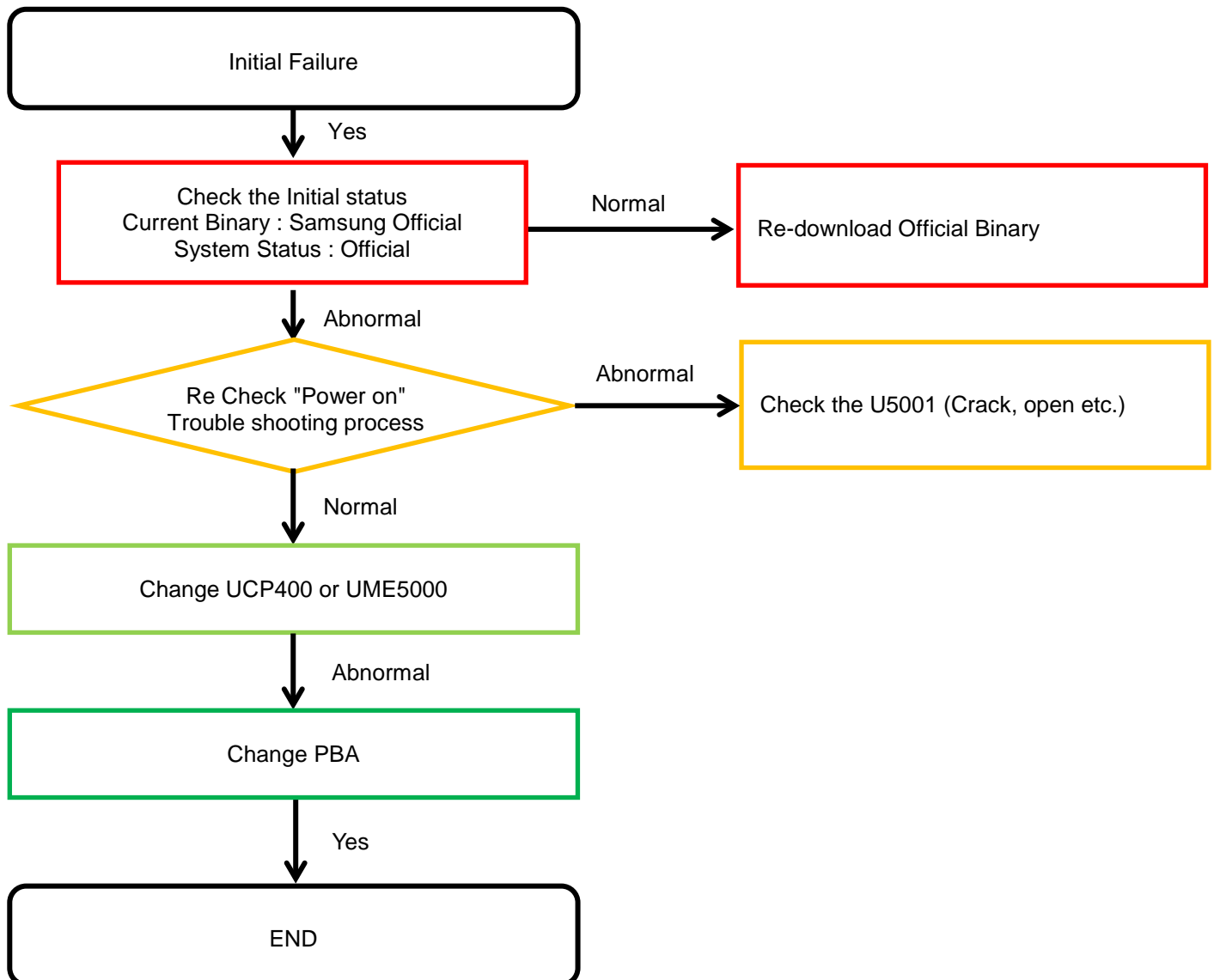


Mobile1Tech.com

8. Level 3 Repair



8-4-2. Initial

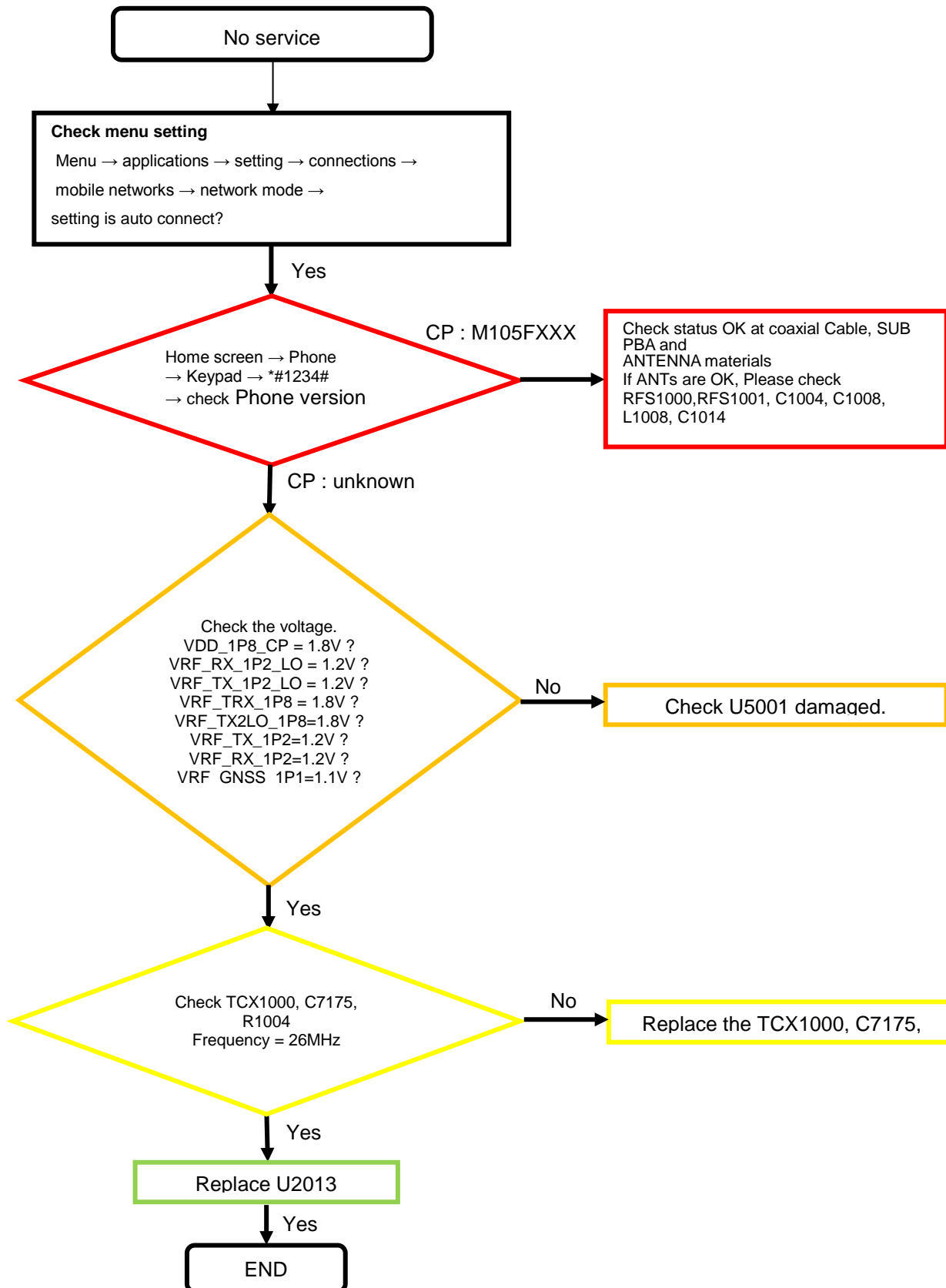


Mobile1Tech.com

8. Level 3 Repair



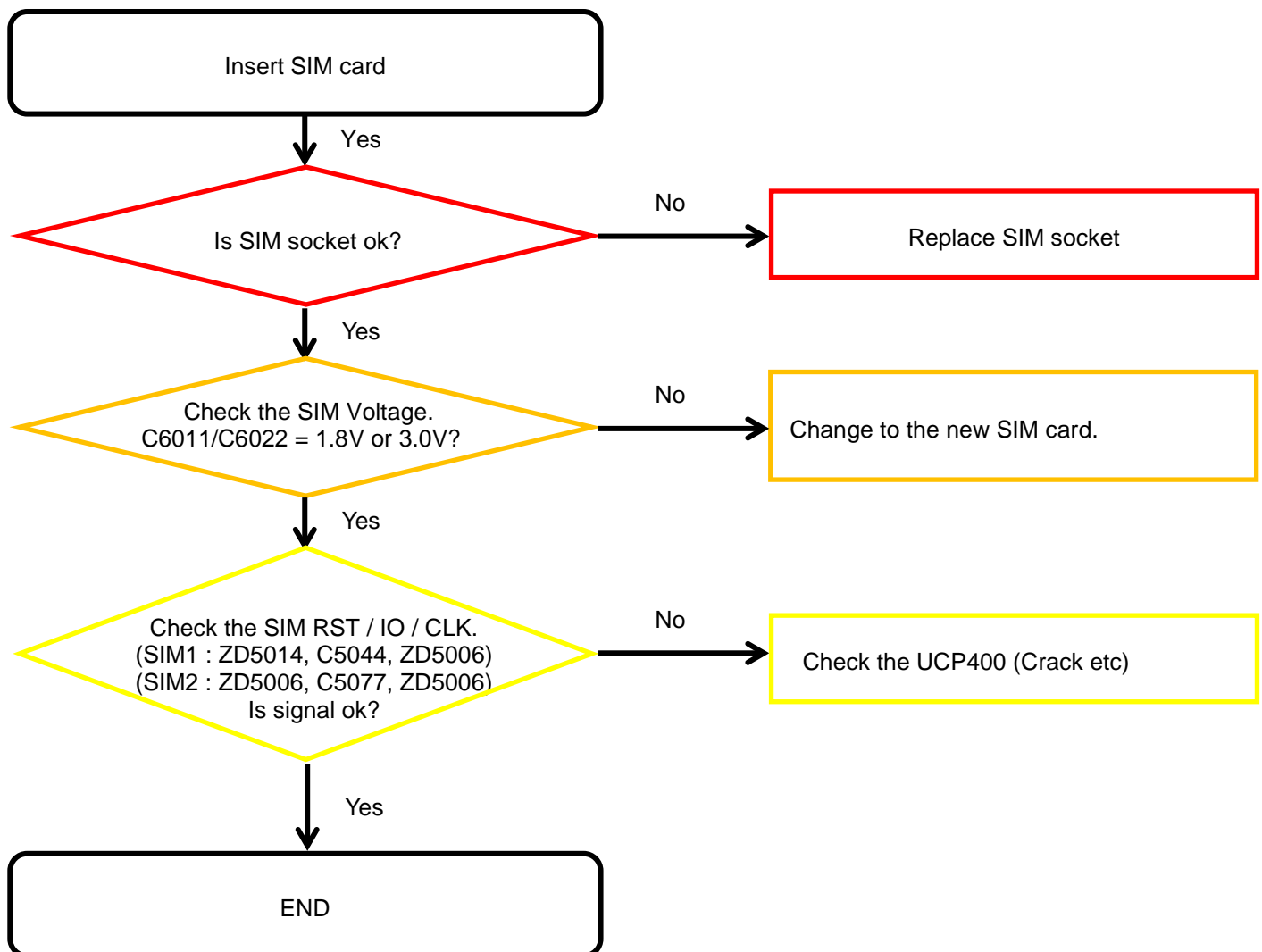
8-4-3. No Service



8. Level 3 Repair



8-4-4. SIM Part

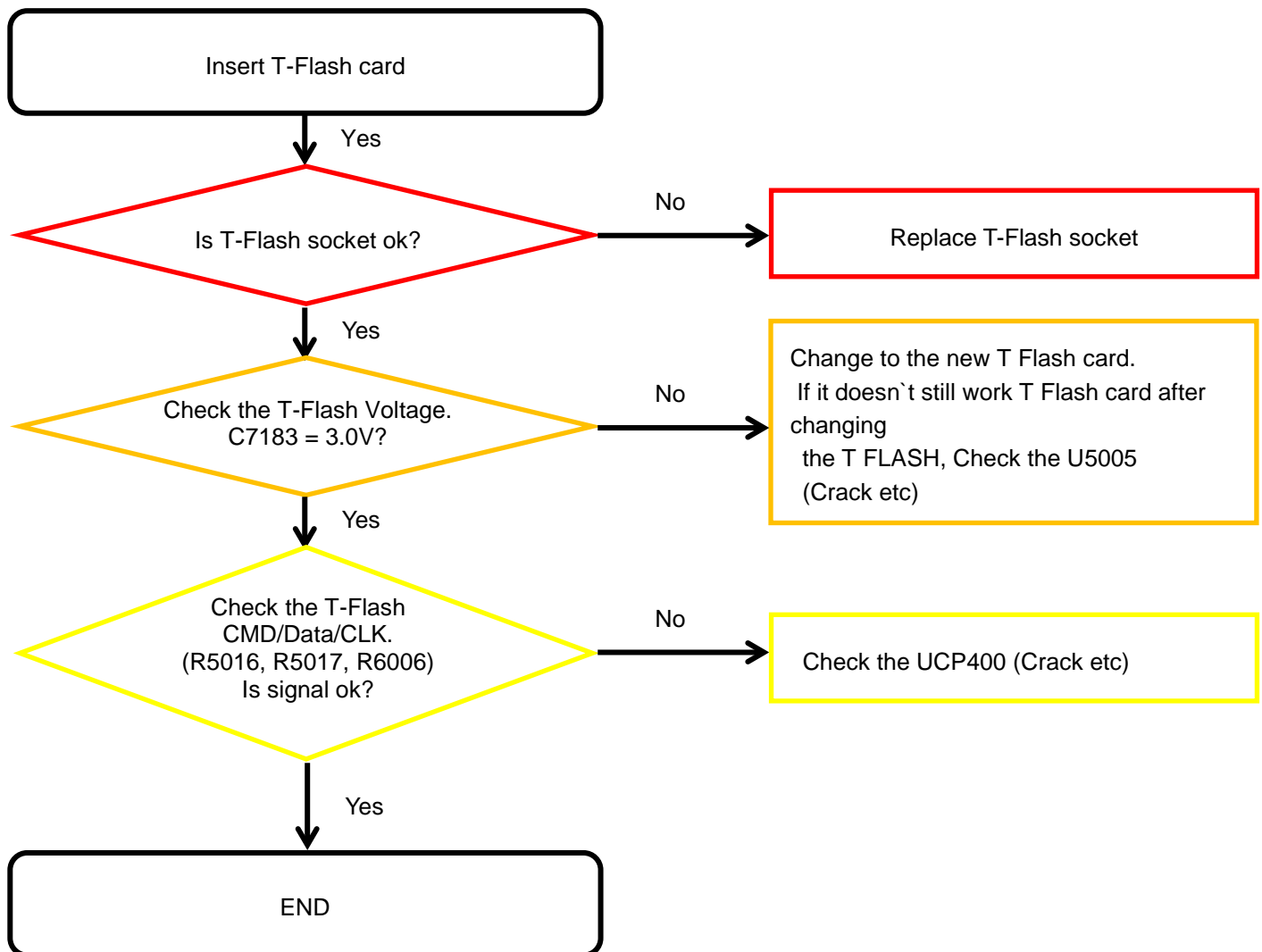


Mobile1Tech.com

8. Level 3 Repair



8-4-5. T-Flash Part

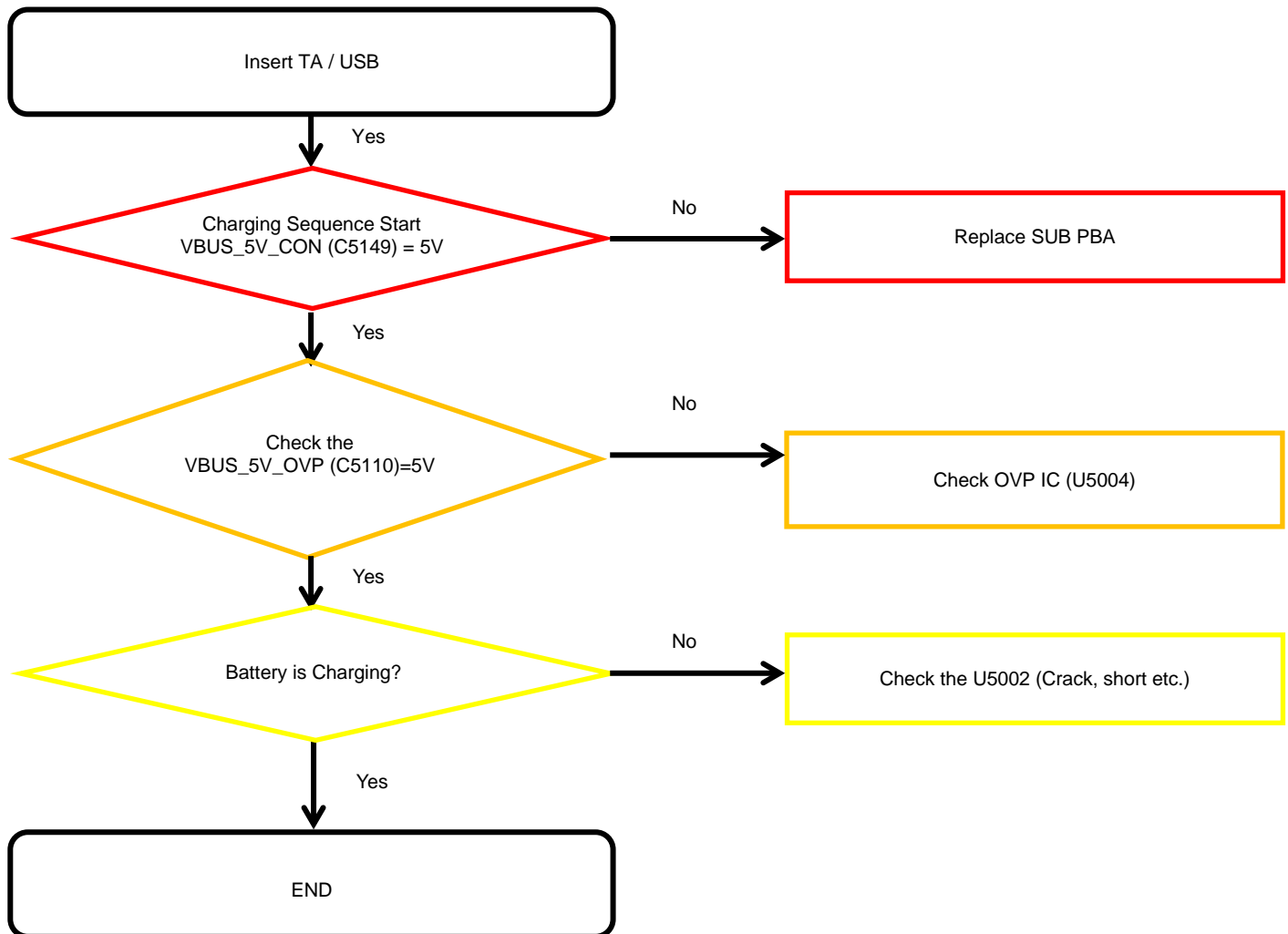


Mobile1Tech.com

8. Level 3 Repair



8-4-6. Charging Part

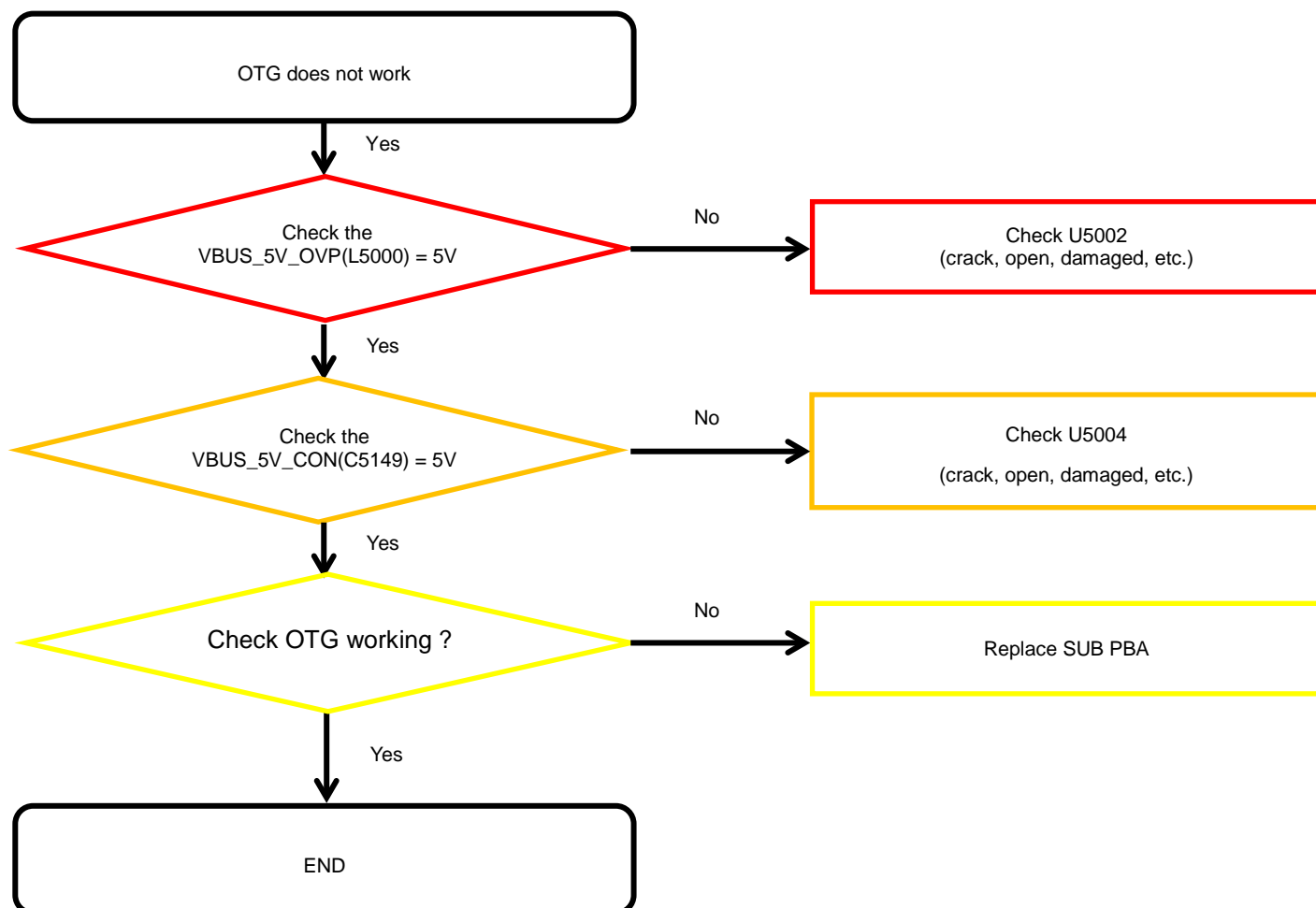


Mobile1Tech.com

8. Level 3 Repair



8-4-7. OTG

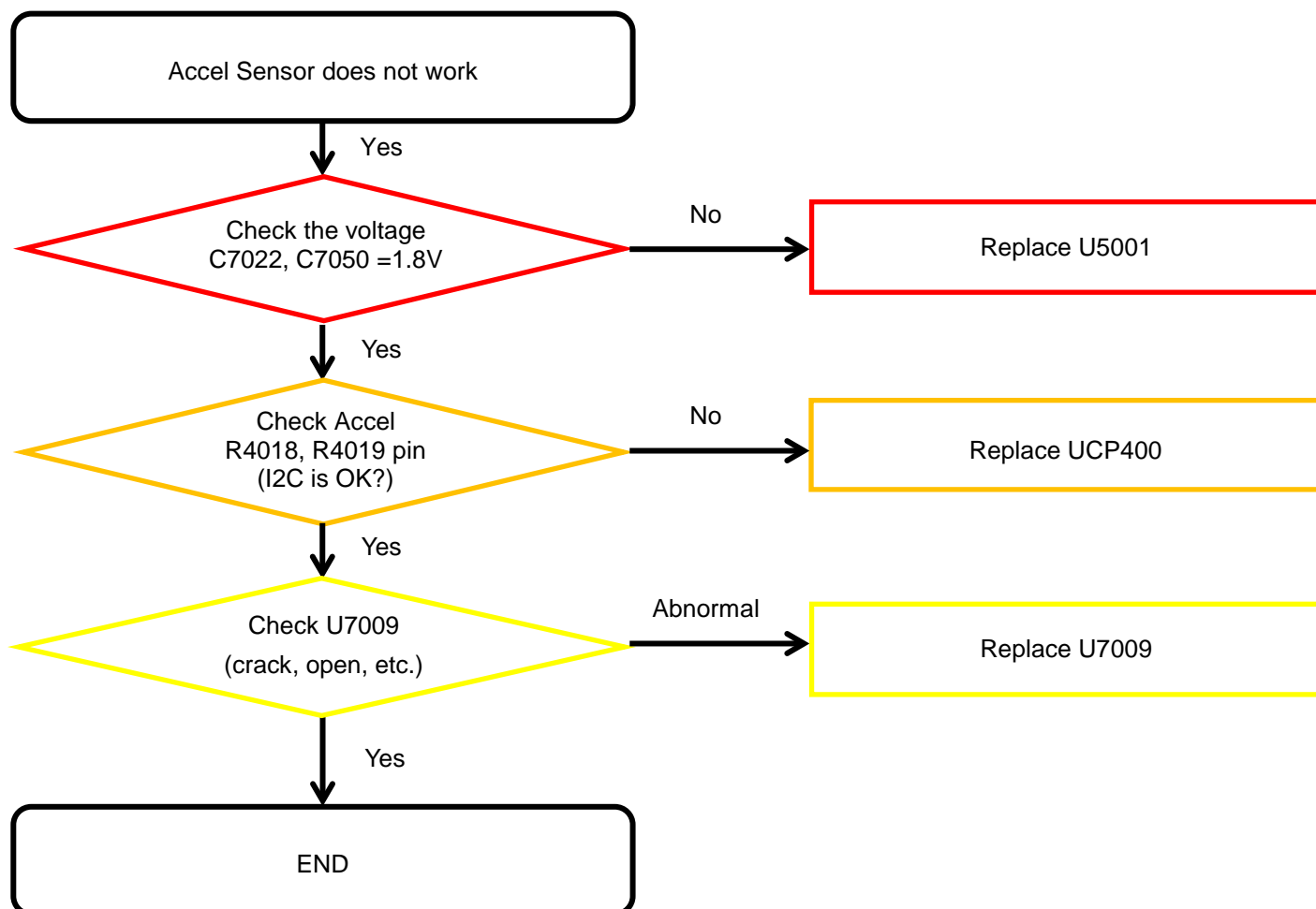


Mobile1Tech.com

8. Level 3 Repair



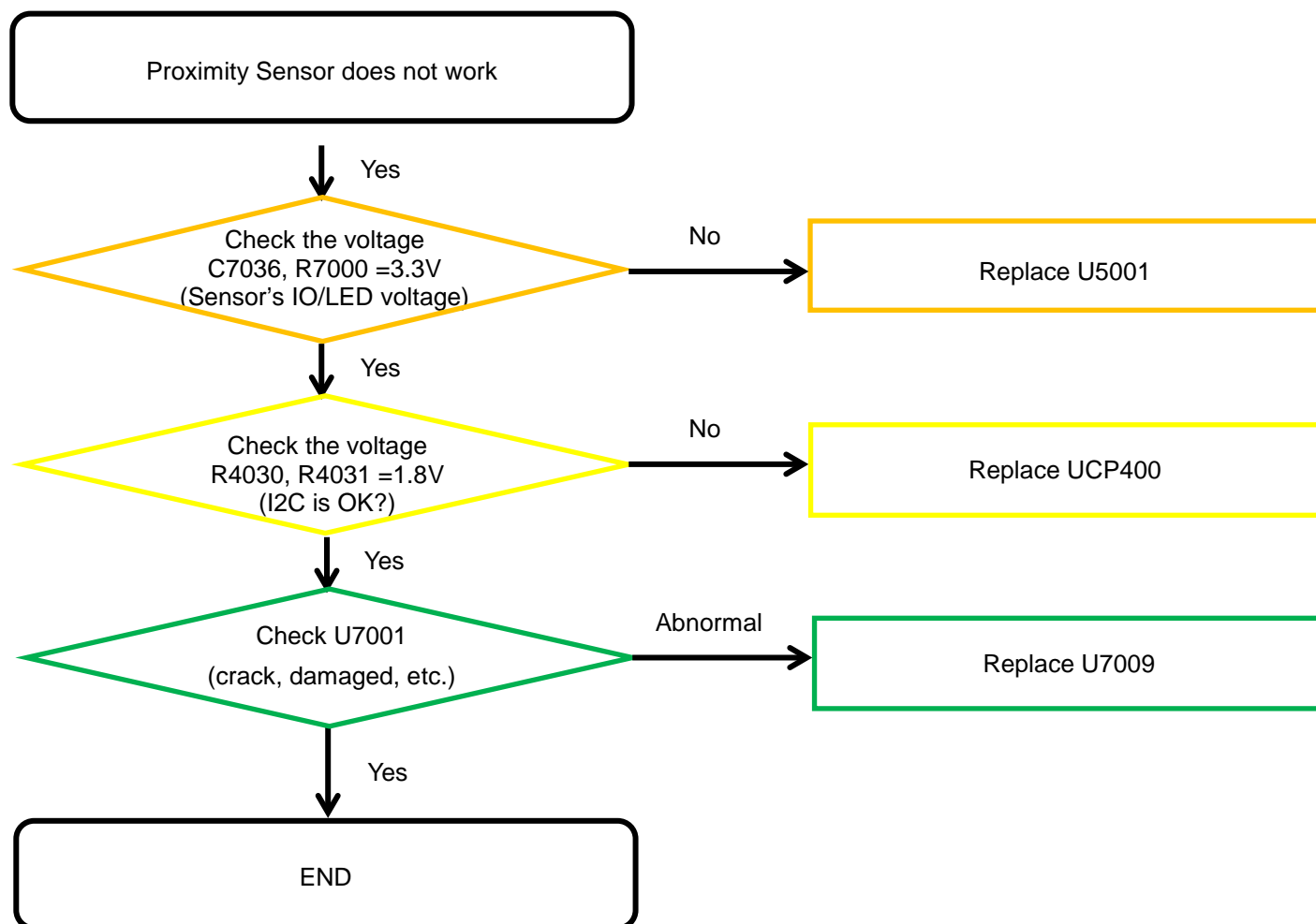
8-4-8-1. Accel Sensor



Mobile1Tech.com

8. Level 3 Repair

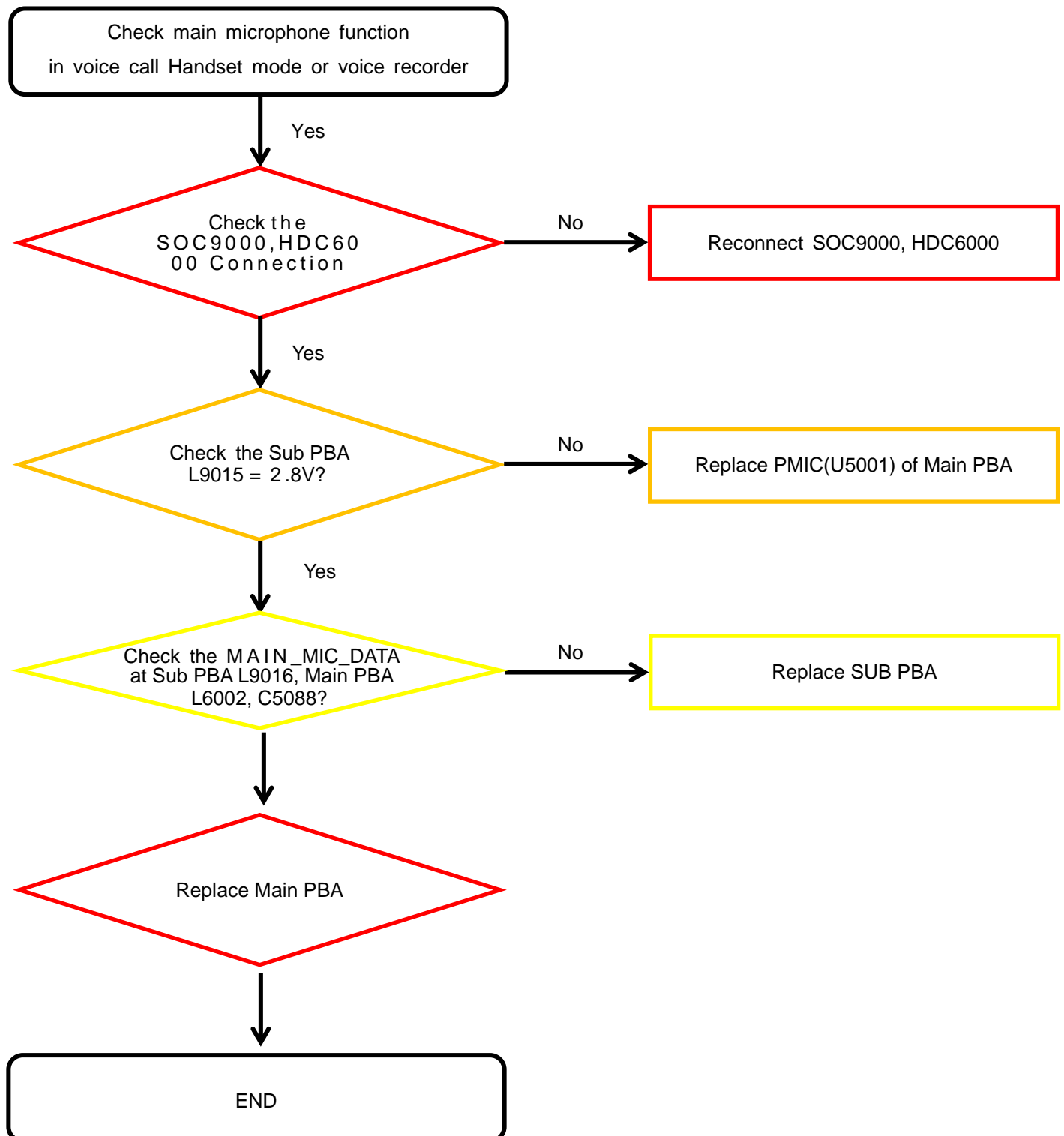
8-4-8-2. Proximity Sensor



8. Level 3 Repair



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

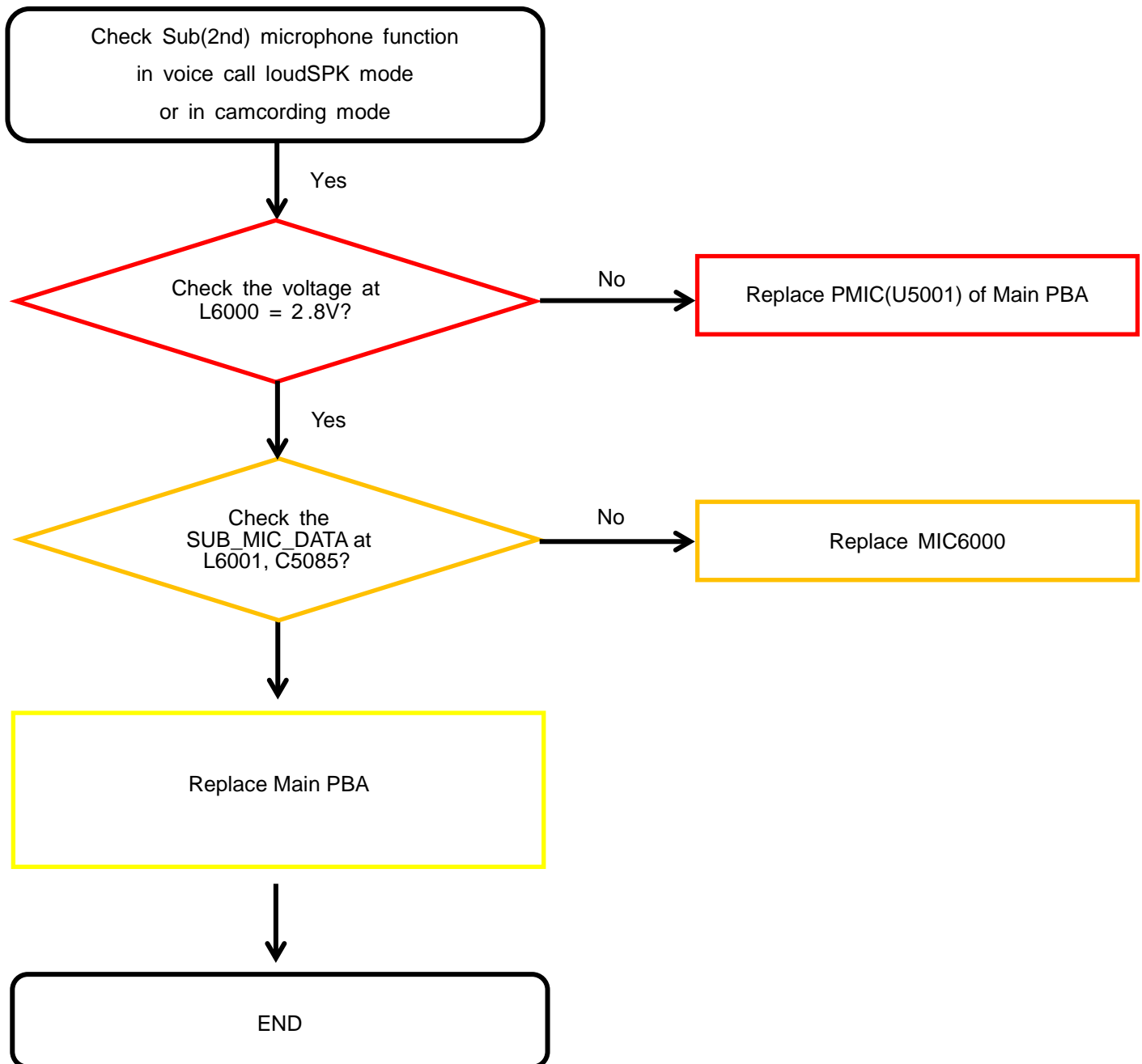


Mobile1Tech.com

8. Level 3 Repair



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

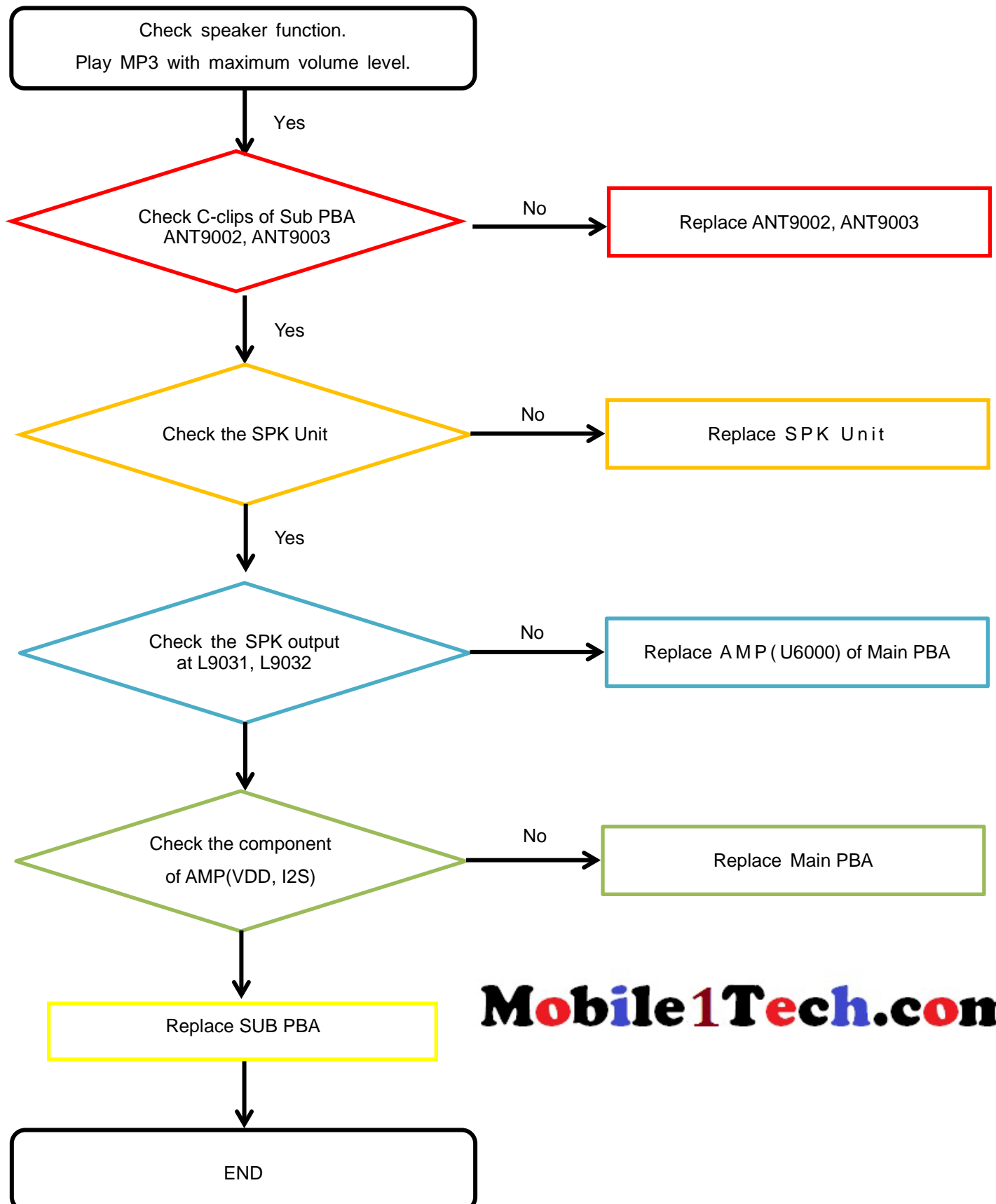


Mobile1Tech.com

8. Level 3 Repair



8-4-10. Speaker Part

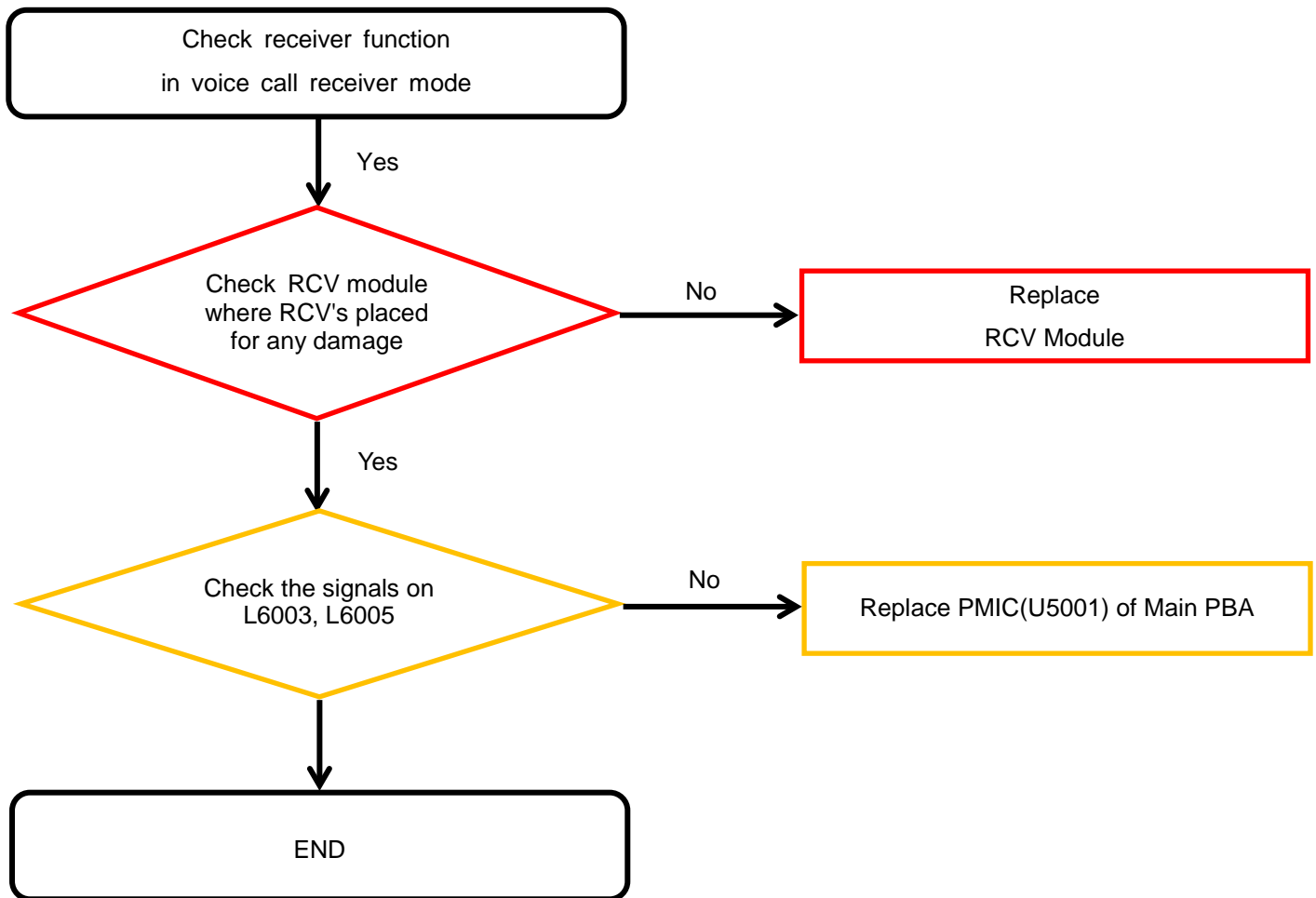


Mobile1Tech.com

8. Level 3 Repair



8-4-11. Receiver Part

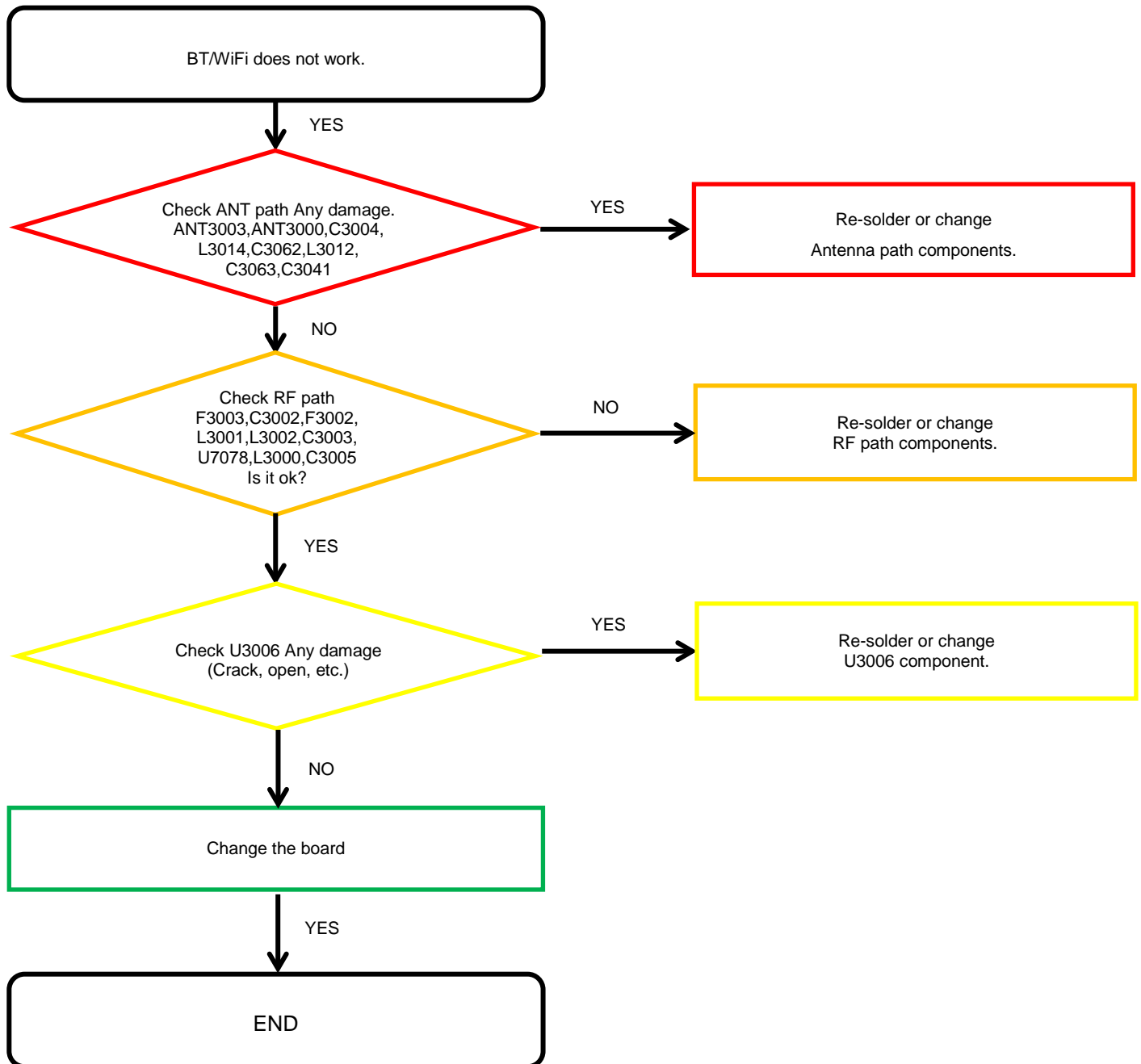


Mobile1Tech.com

8. Level 3 Repair



8-4-12. BT/WLAN

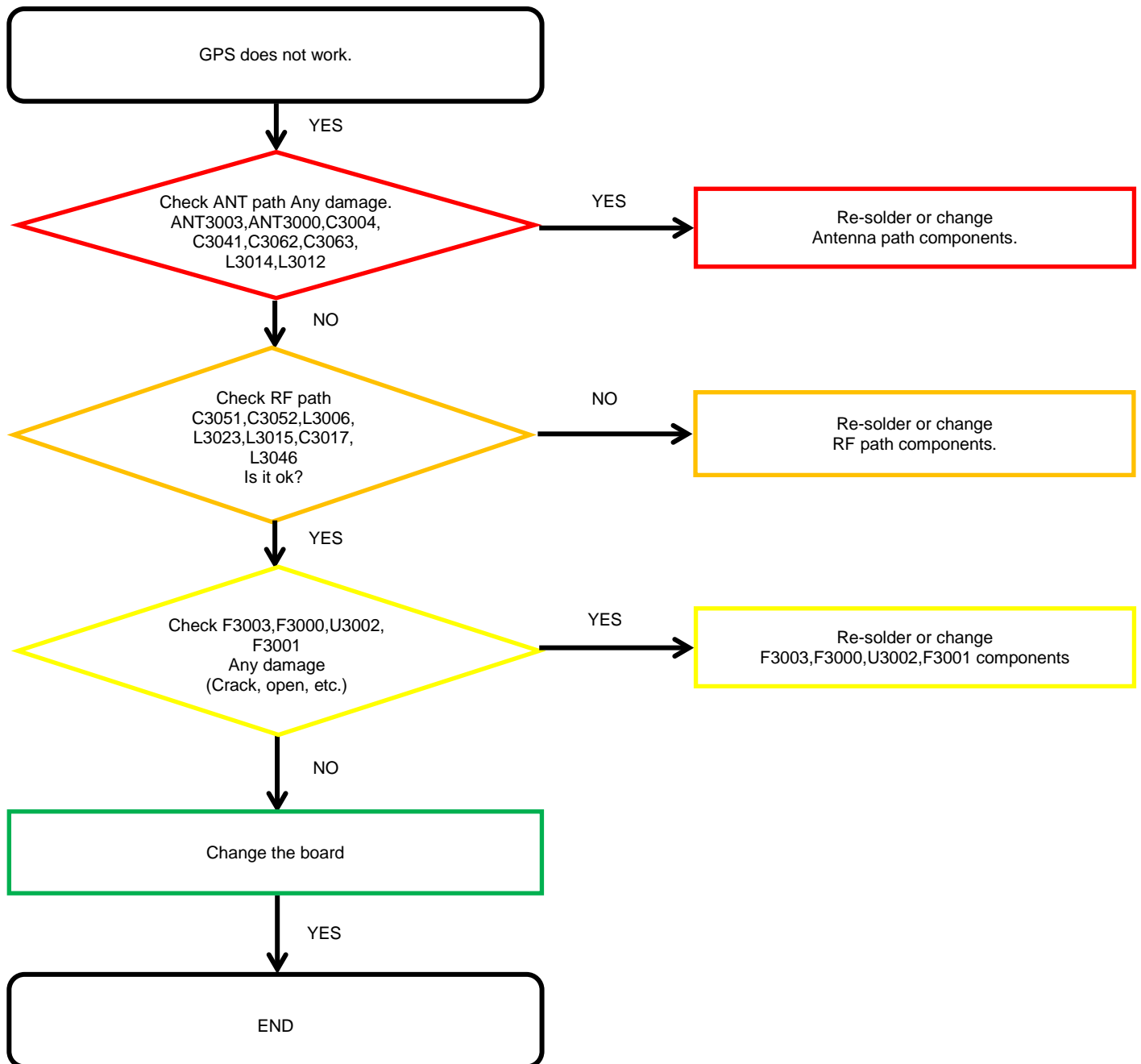


Mobile1Tech.com

8. Level 3 Repair



8-4-13. GPS

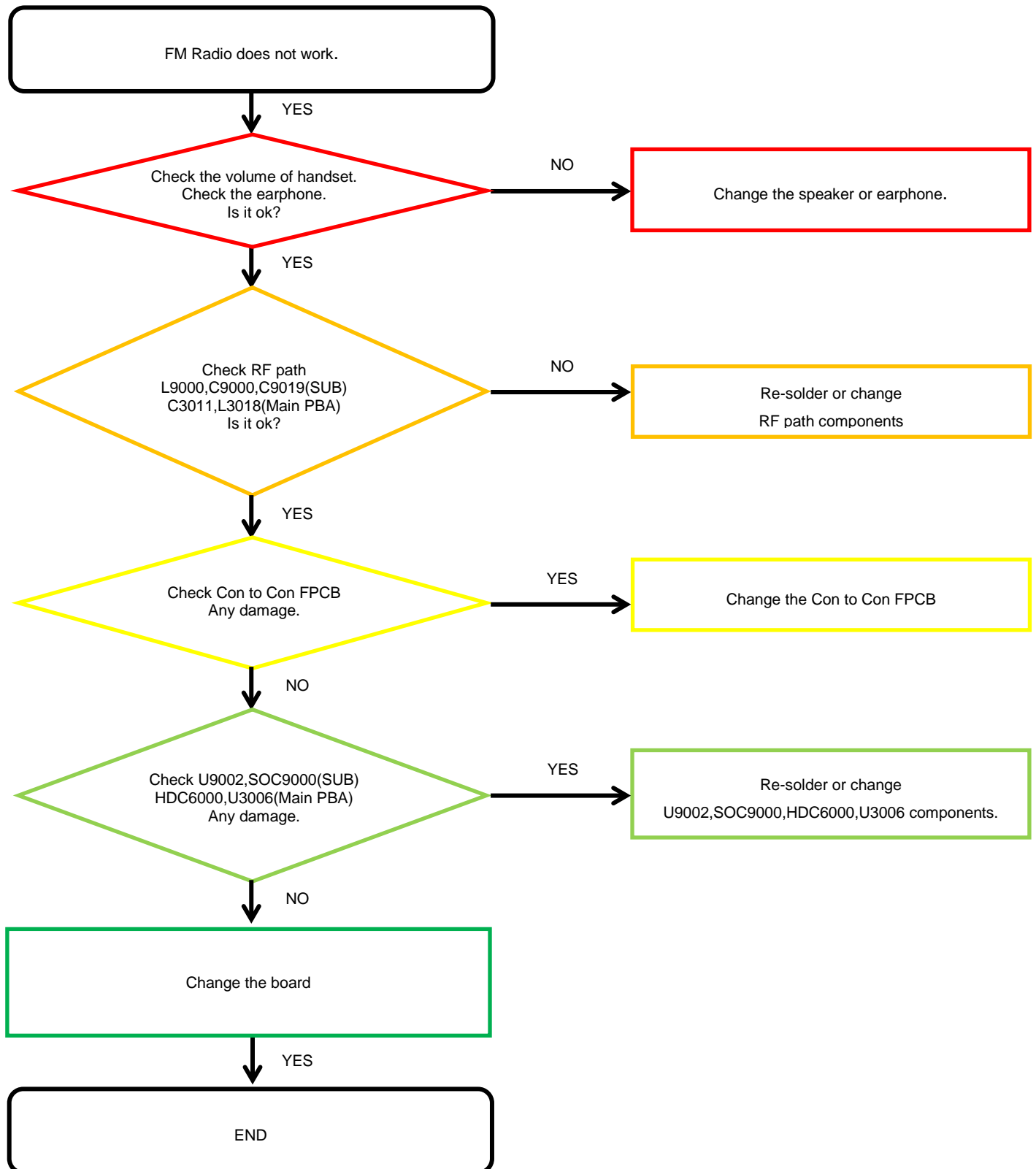


Mobile1Tech.com

8. Level 3 Repair



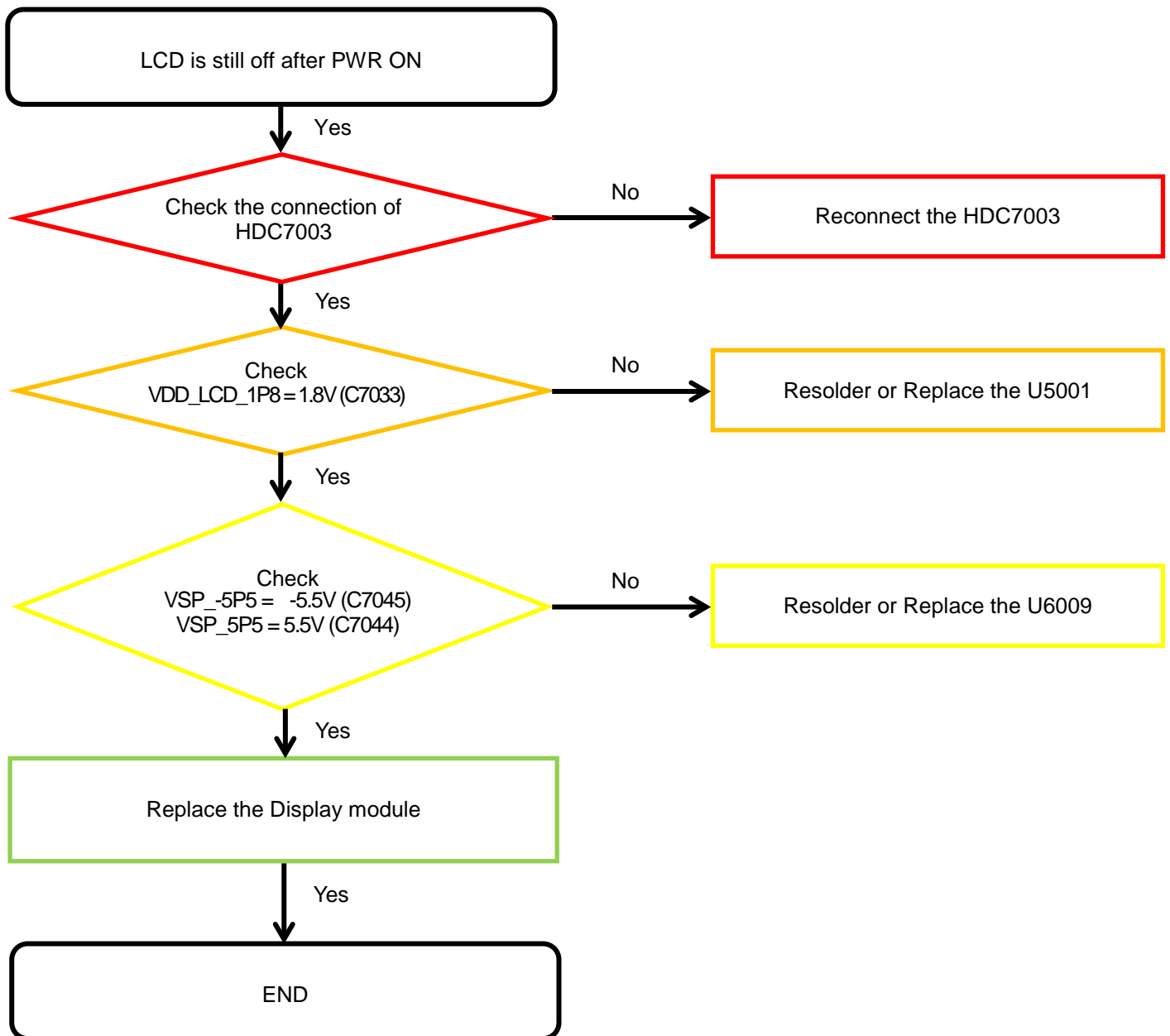
8-4-14. FM Radio



8. Level 3 Repair



8-4-15. Display

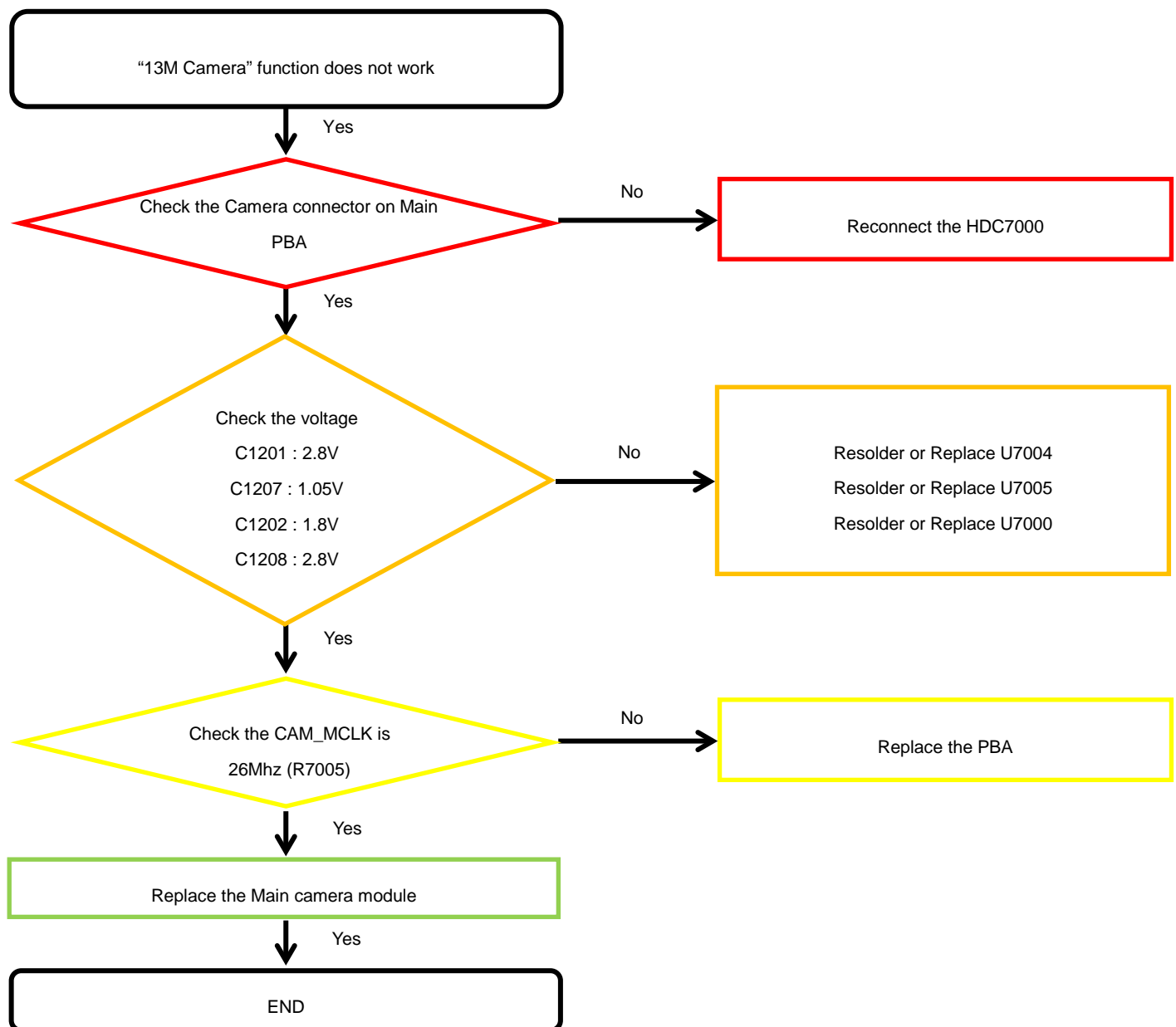


Mobile1Tech.com

8. Level 3 Repair



8-4-16. MAIN 13M CAMERA

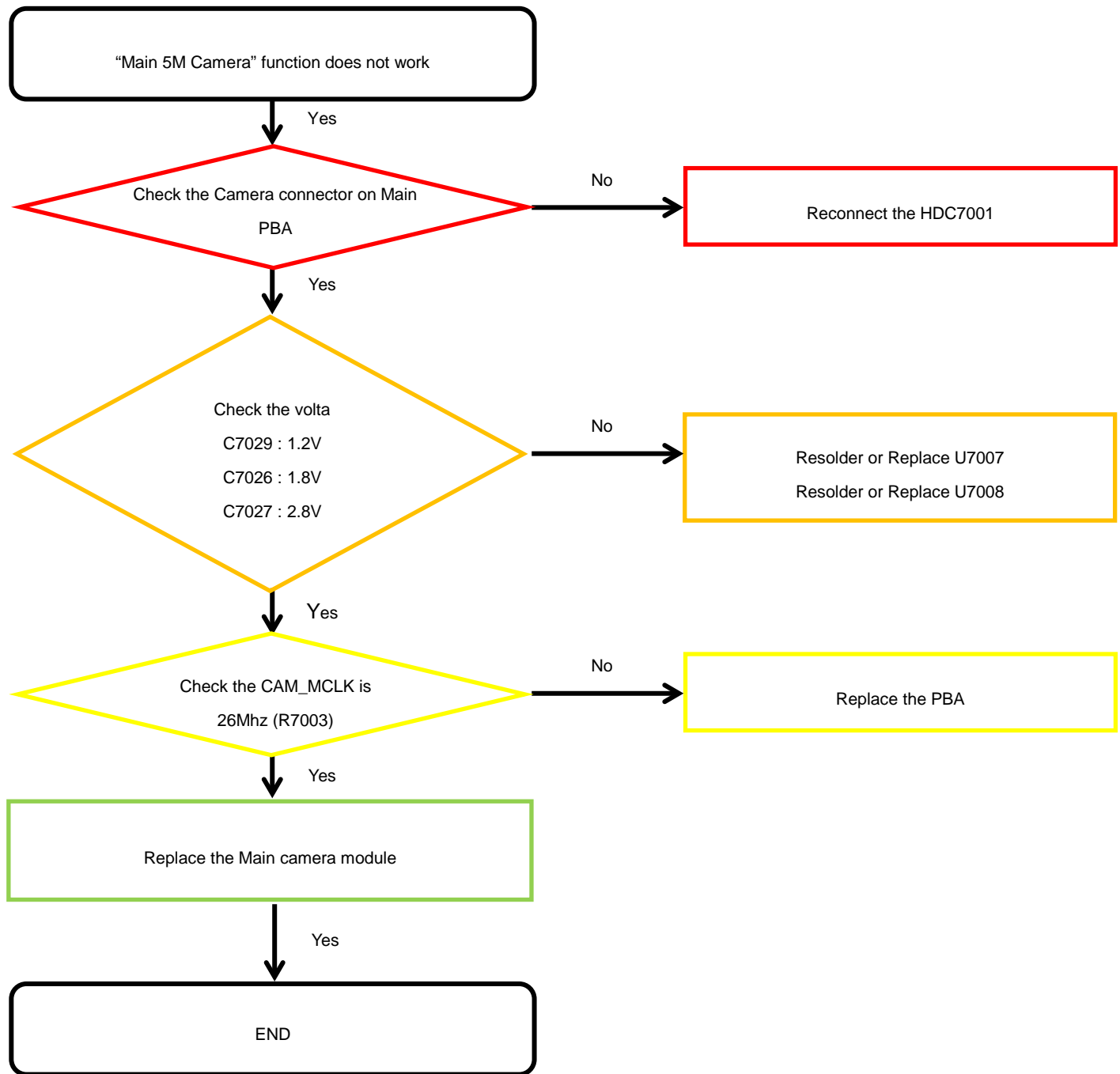


Mobile1Tech.com

8. Level 3 Repair



8-4-17. MAIN 5M CAMERA

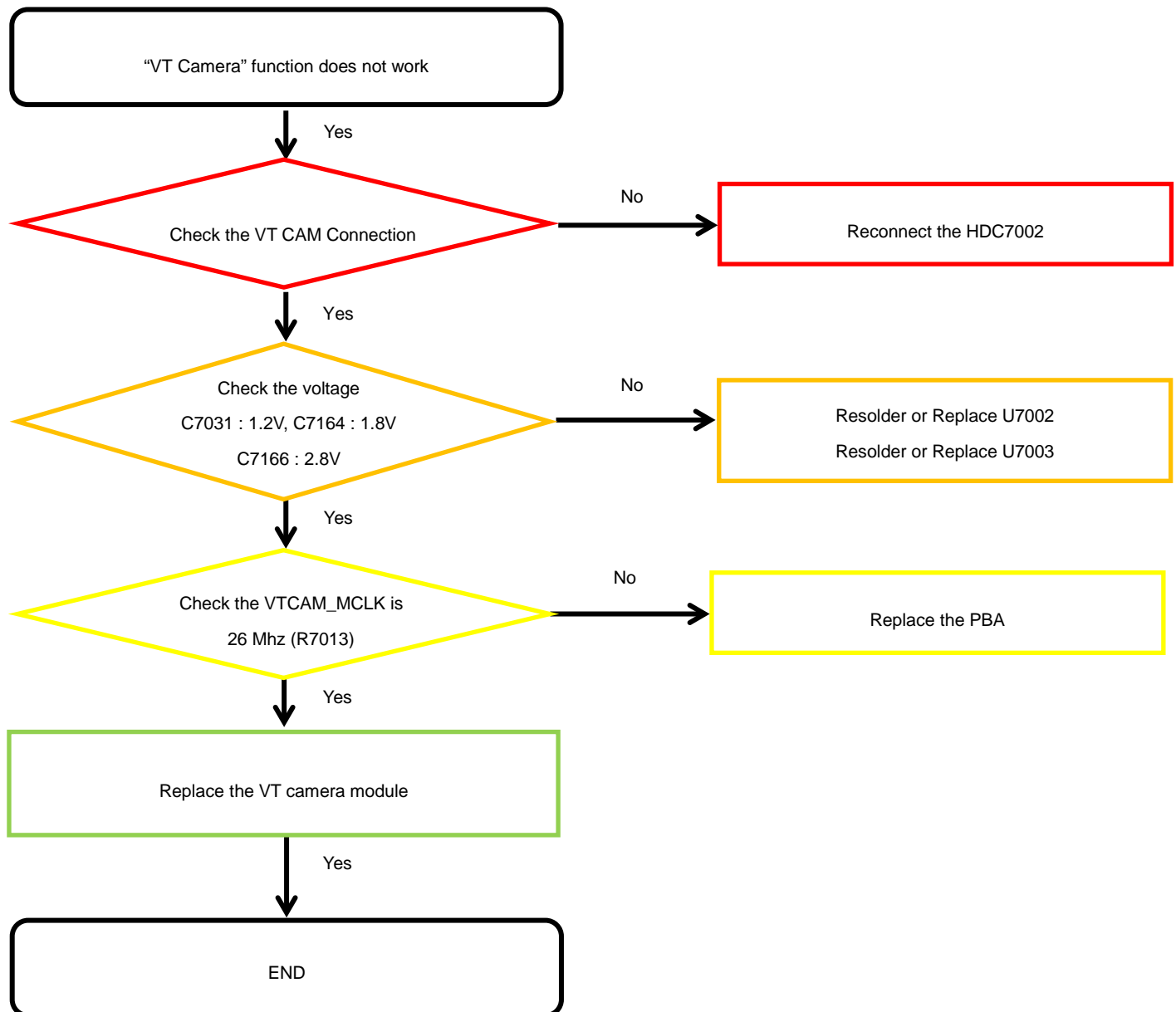


Mobile1Tech.com

8. Level 3 Repair



8-4-18. VT 5M CAM

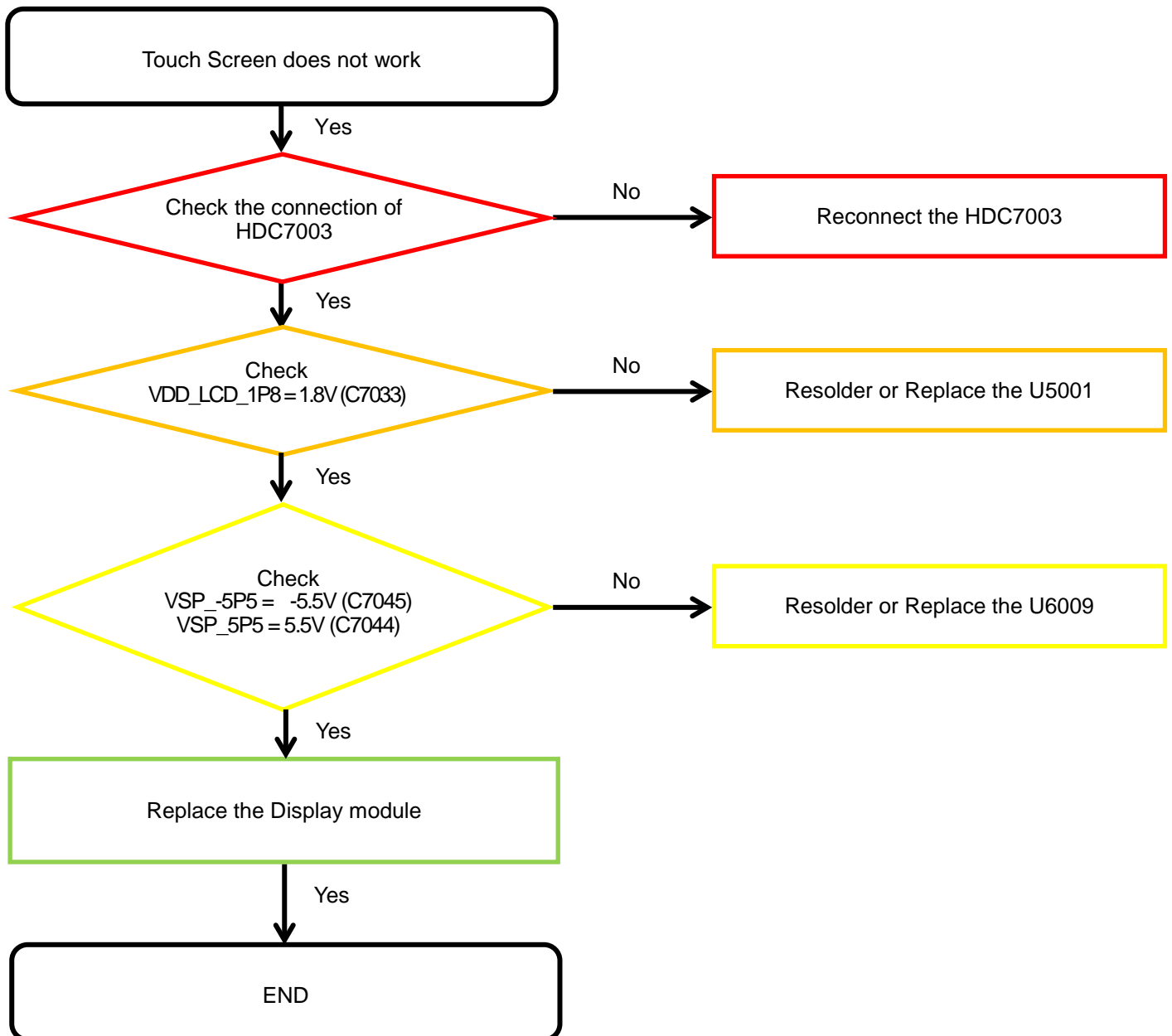


Mobile1Tech.com

8. Level 3 Repair



8-4-19. TSP

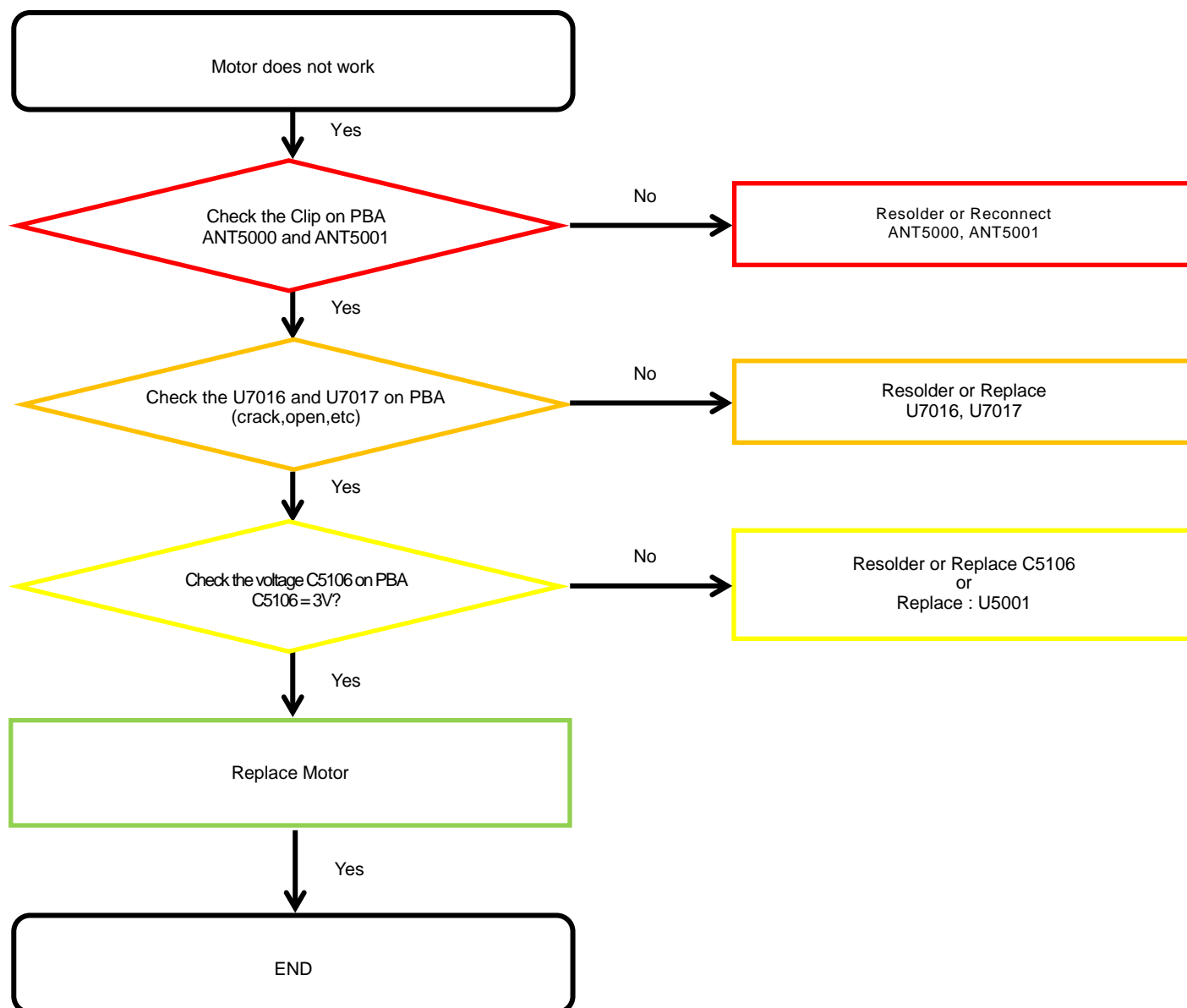


Mobile1Tech.com

8. Level 3 Repair



8-4-20. Motor

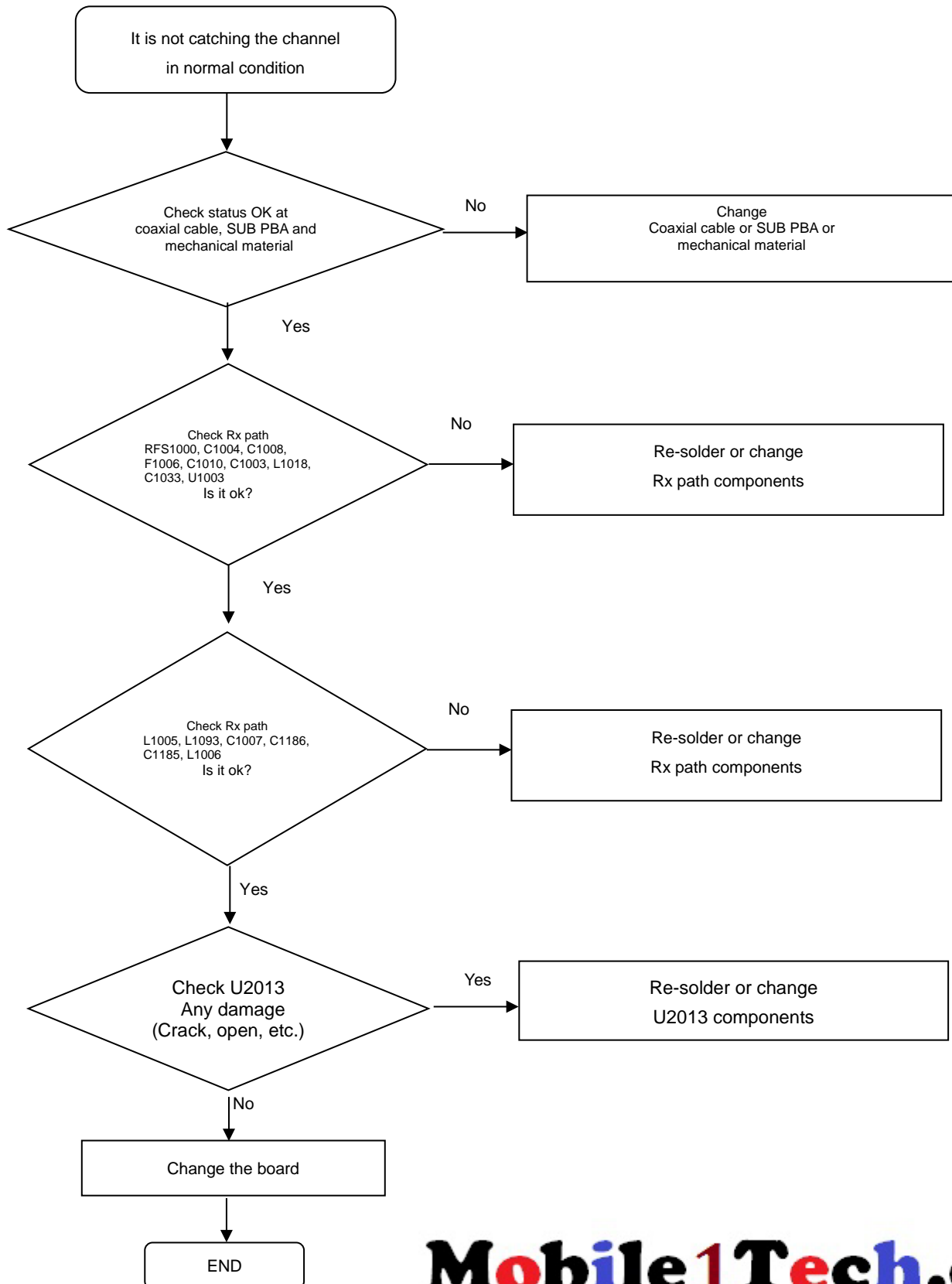


Mobile1Tech.com

8. Level 3 Repair



8-4-21. WCDMA B1 RX

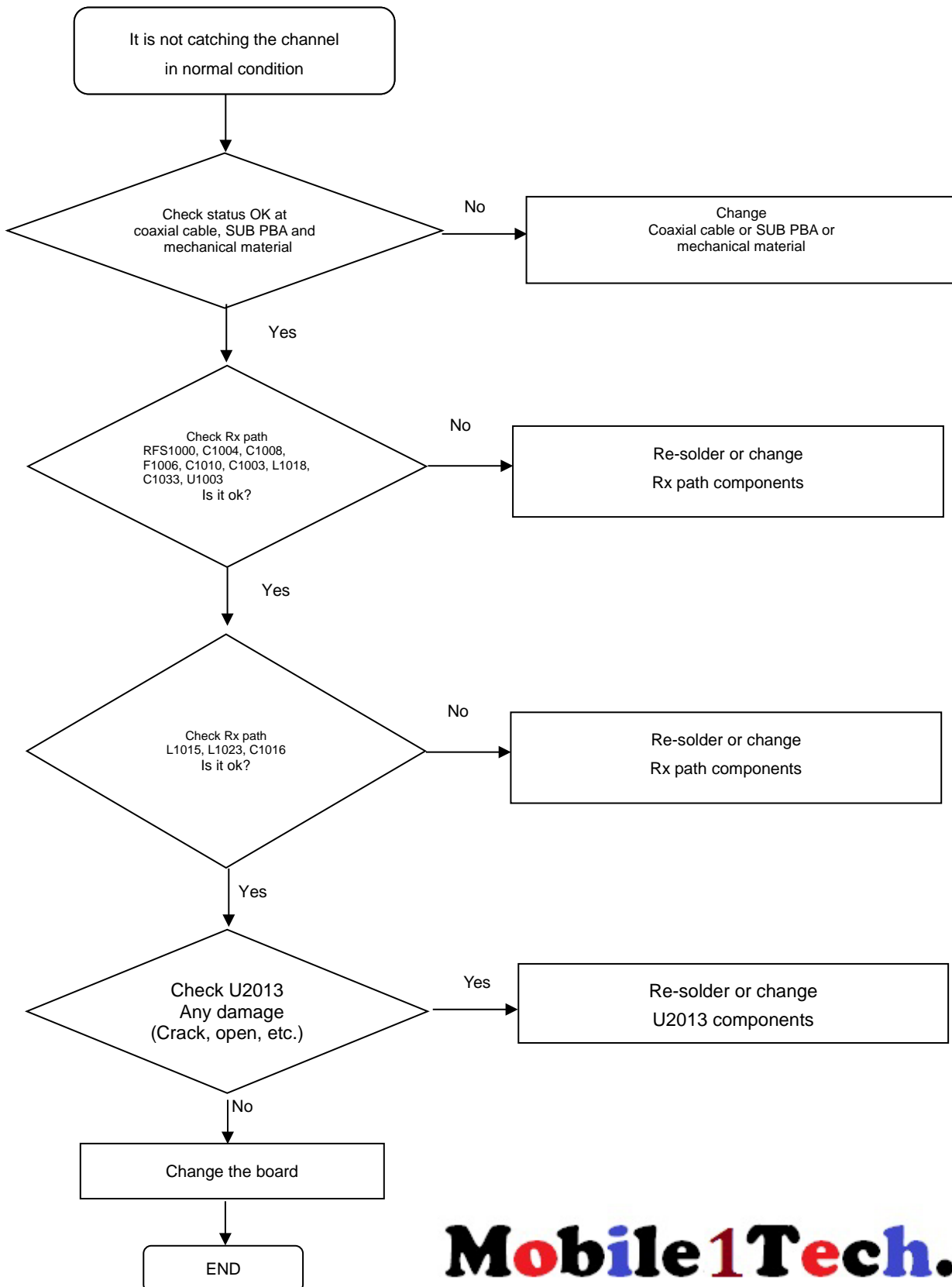


Mobile1Tech.com

8. Level 3 Repair



8-4-22. LTE B3, GSM 1800 RX

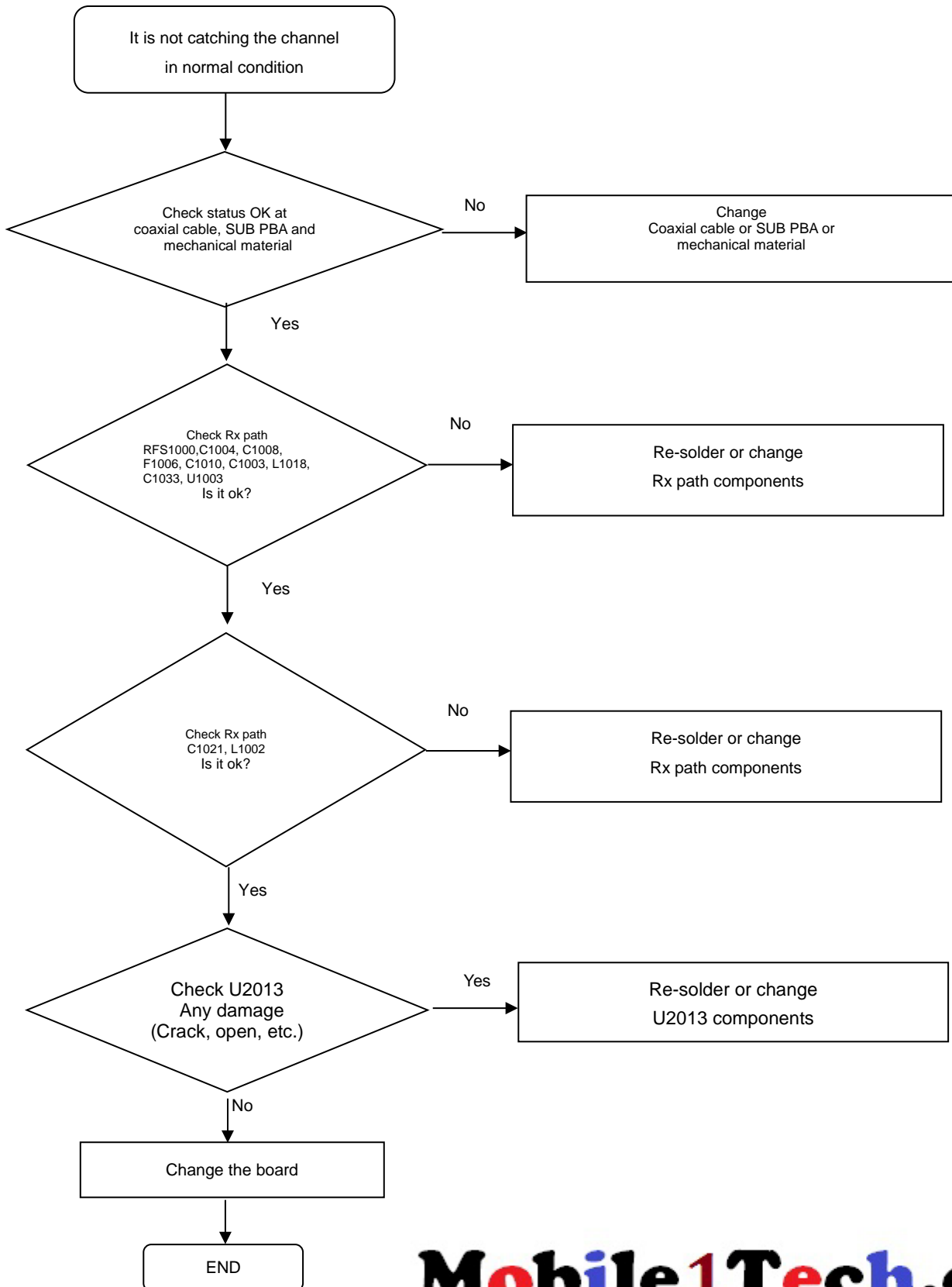


Mobile1Tech.com

8. Level 3 Repair



8-4-23. LTE B5, WCDMA B5, GSM850 RX

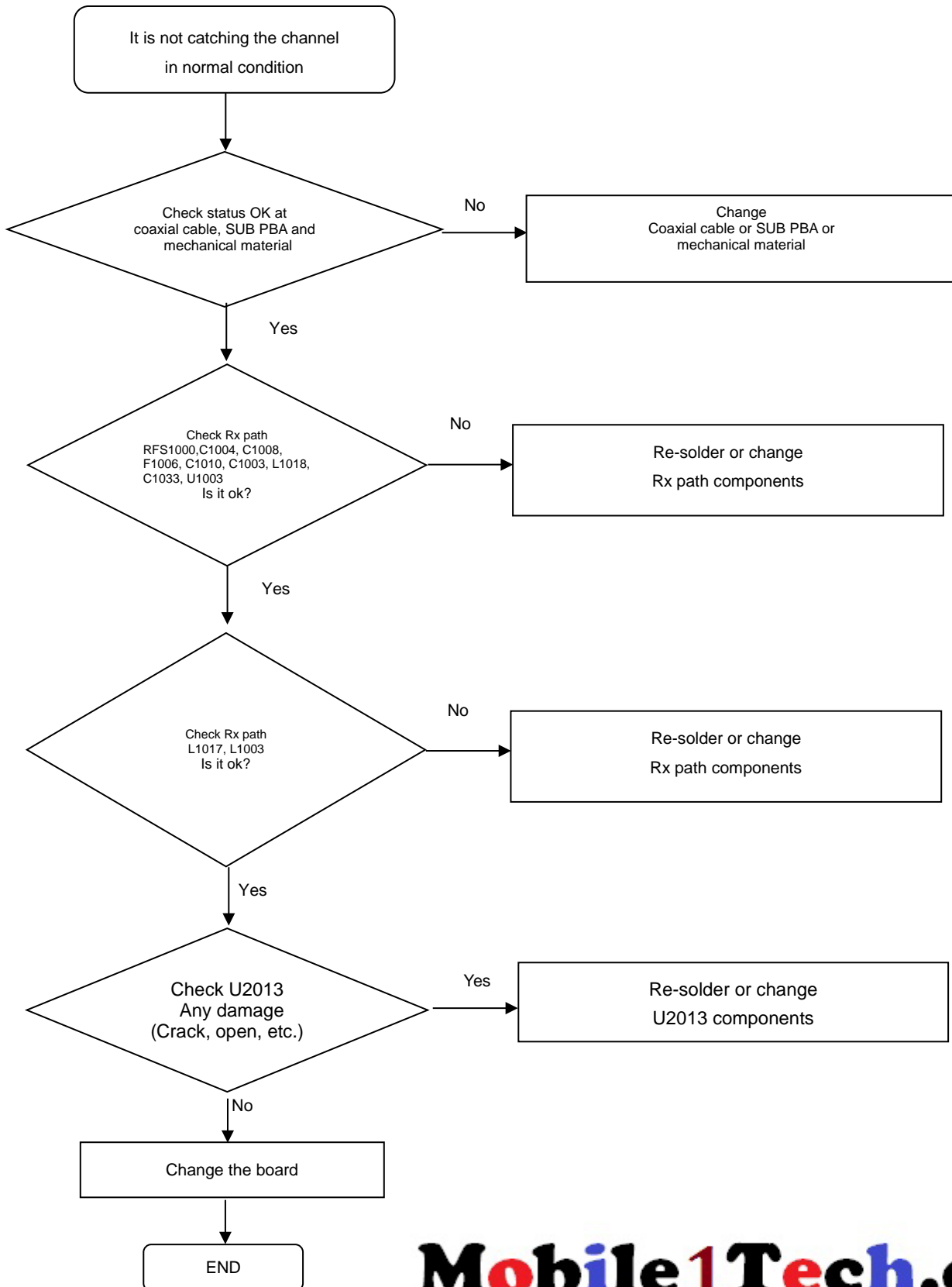


Mobile1Tech.com

8. Level 3 Repair



8-4-24. LTE B8, WCDMA B8, GSM900 RX

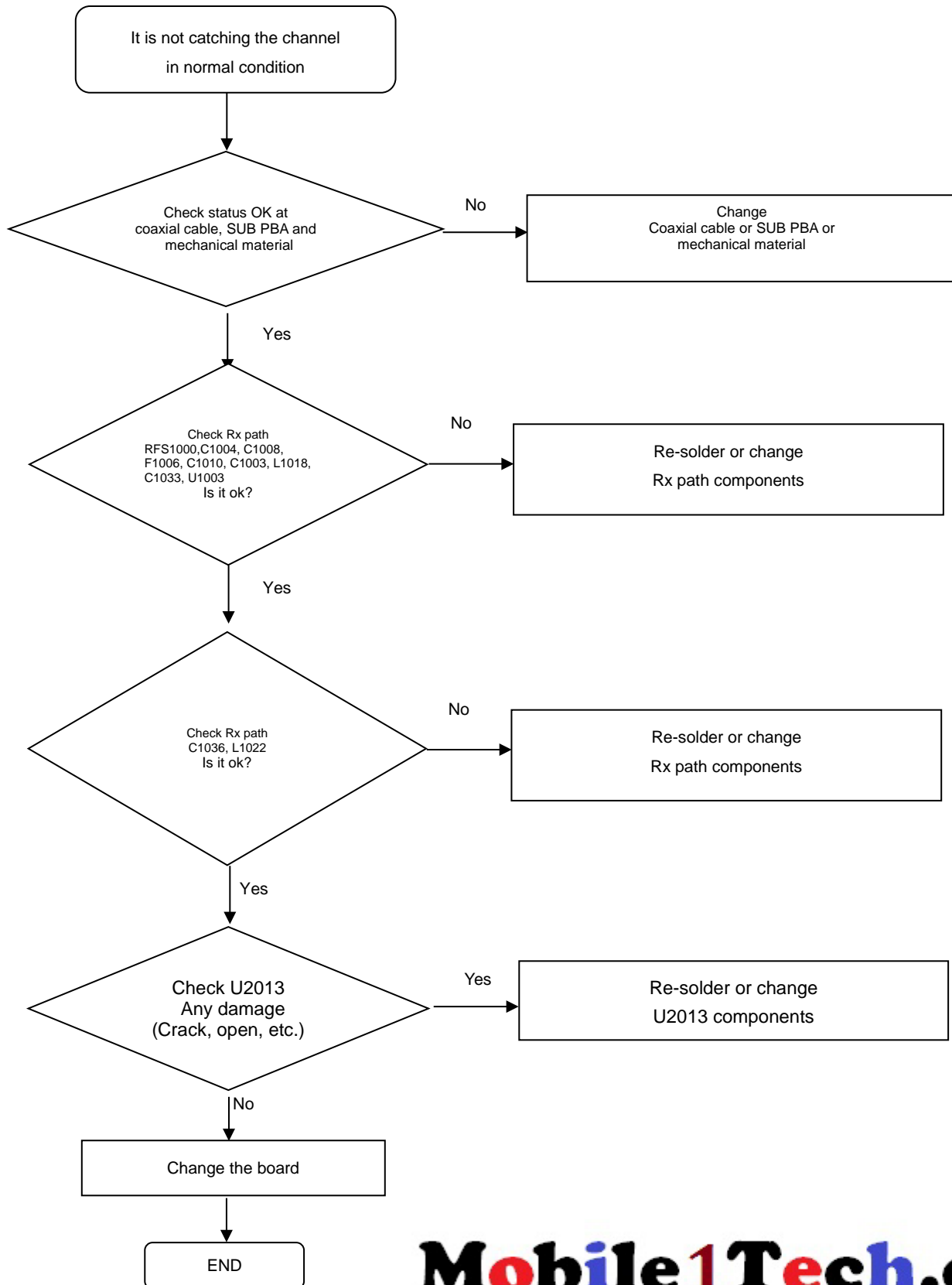


Mobile1Tech.com

8. Level 3 Repair



8-4-25. LTE B20 RX

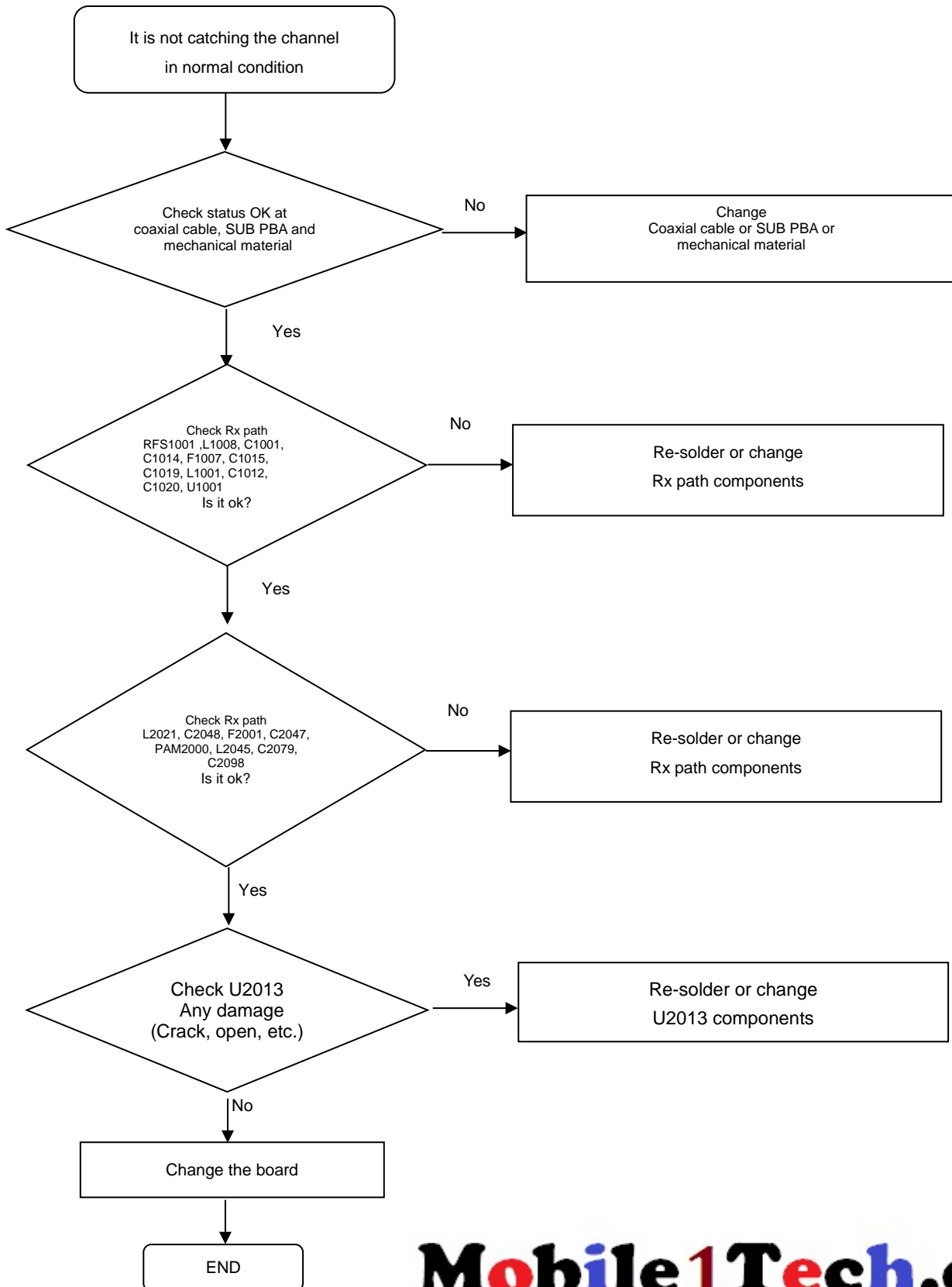


Mobile1Tech.com

8. Level 3 Repair



8-4-26. LTE B38, B41 RX

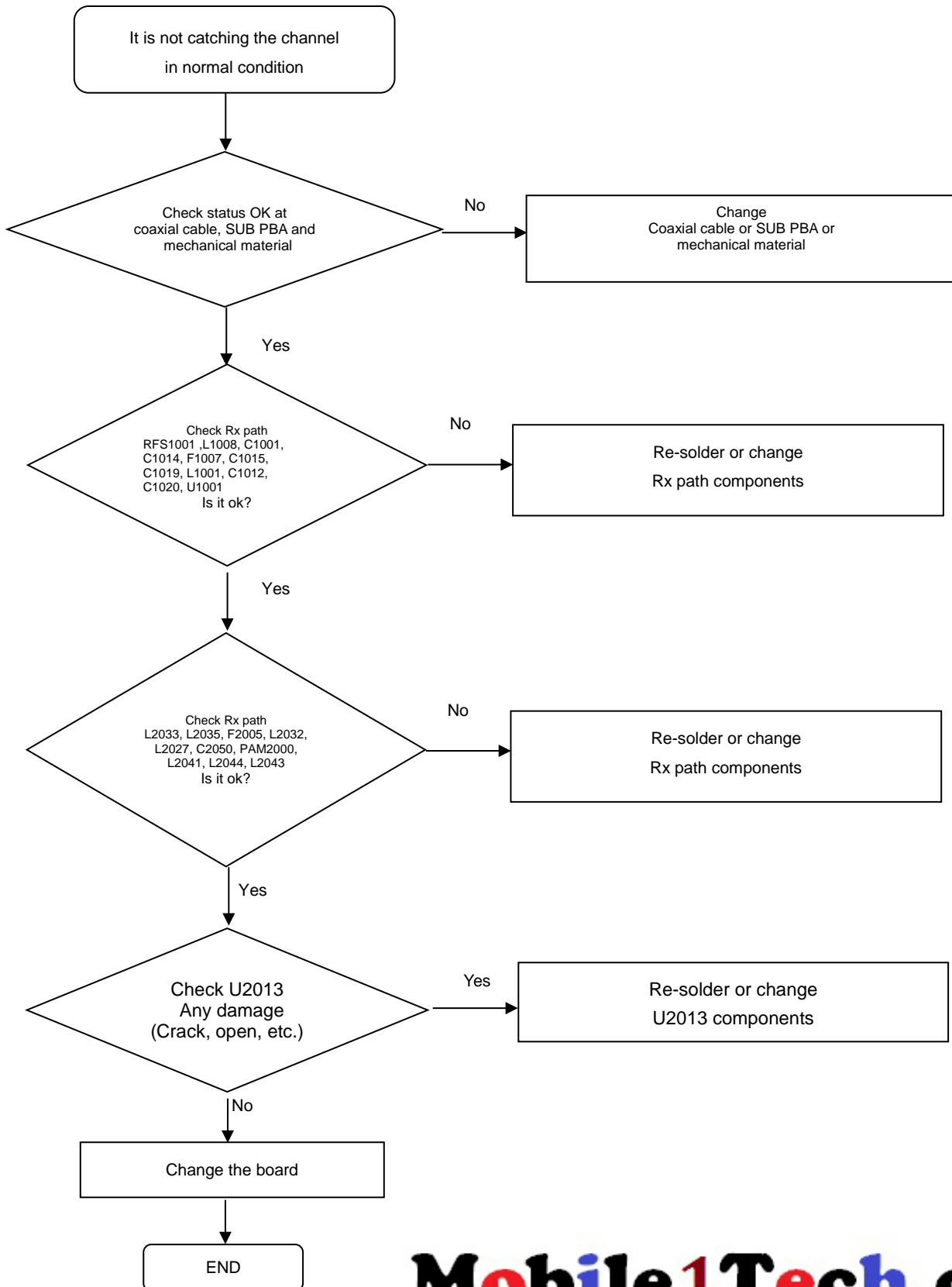


Mobile1Tech.com

8. Level 3 Repair



8-4-27. LTE B40 RX

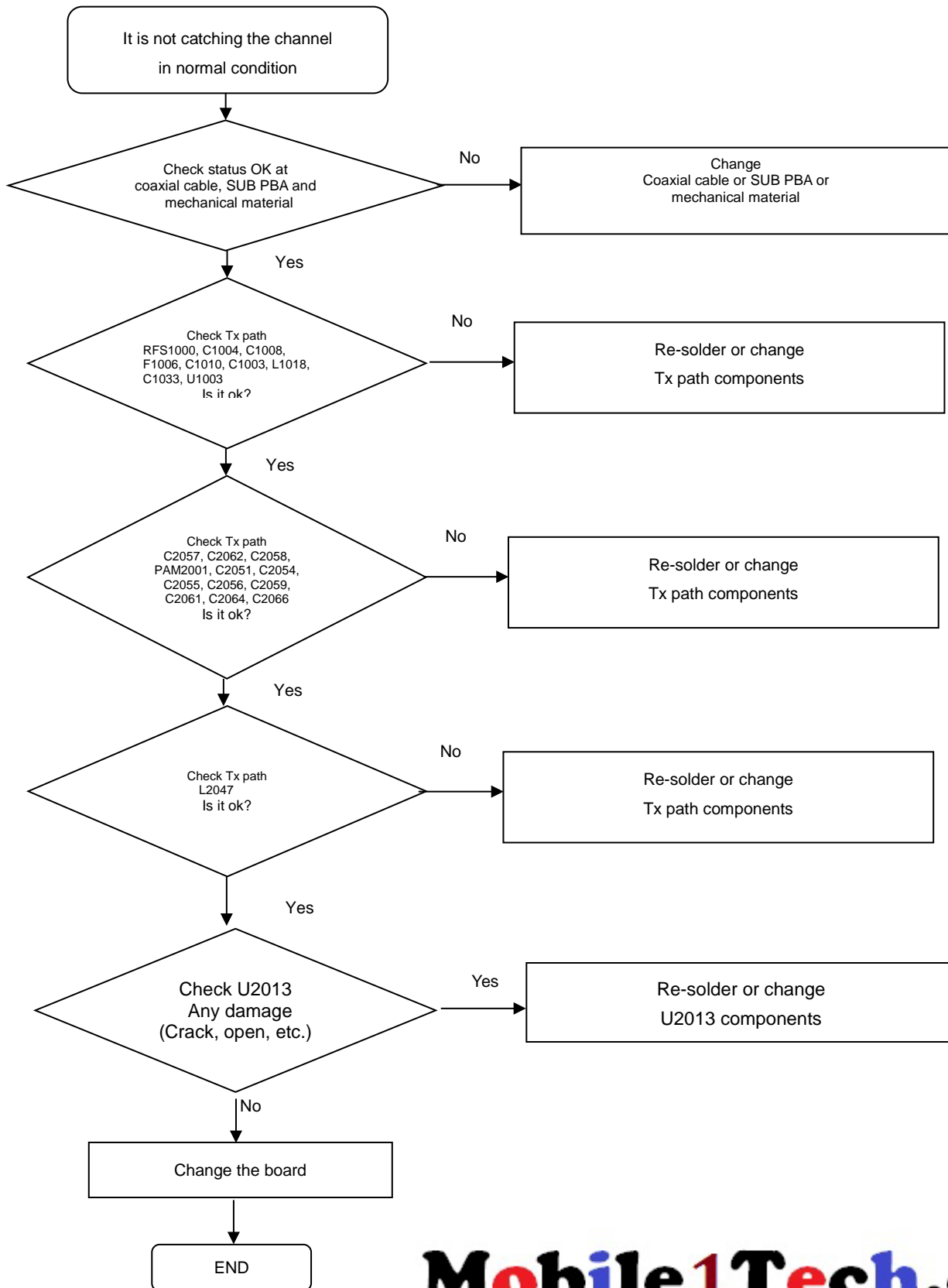


Mobile1Tech.com

8. Level 3 Repair



8-4-28. GSM1800 TX

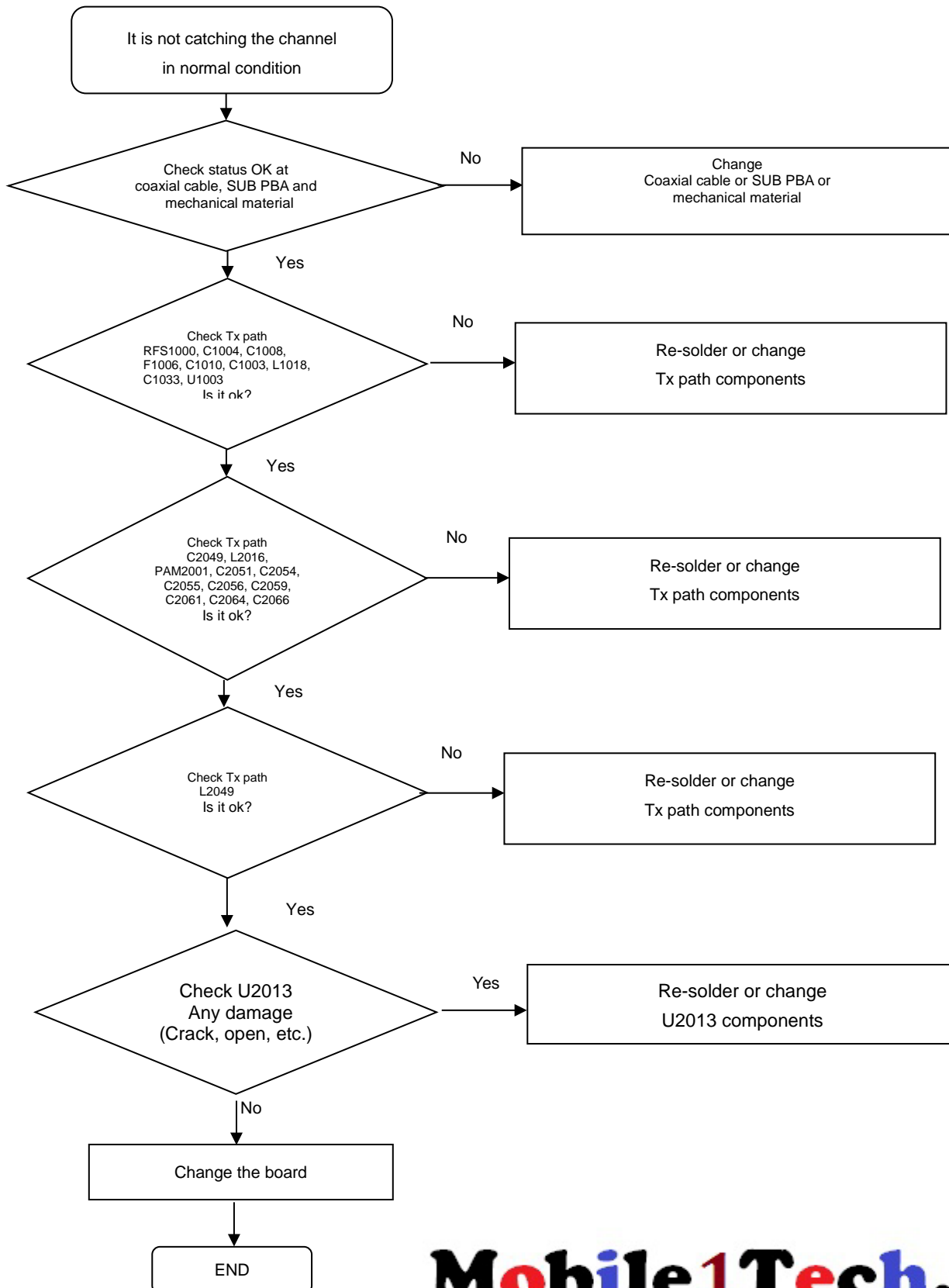


Mobile1Tech.com

8. Level 3 Repair



8-4-29. GSM850, GSM900 TX

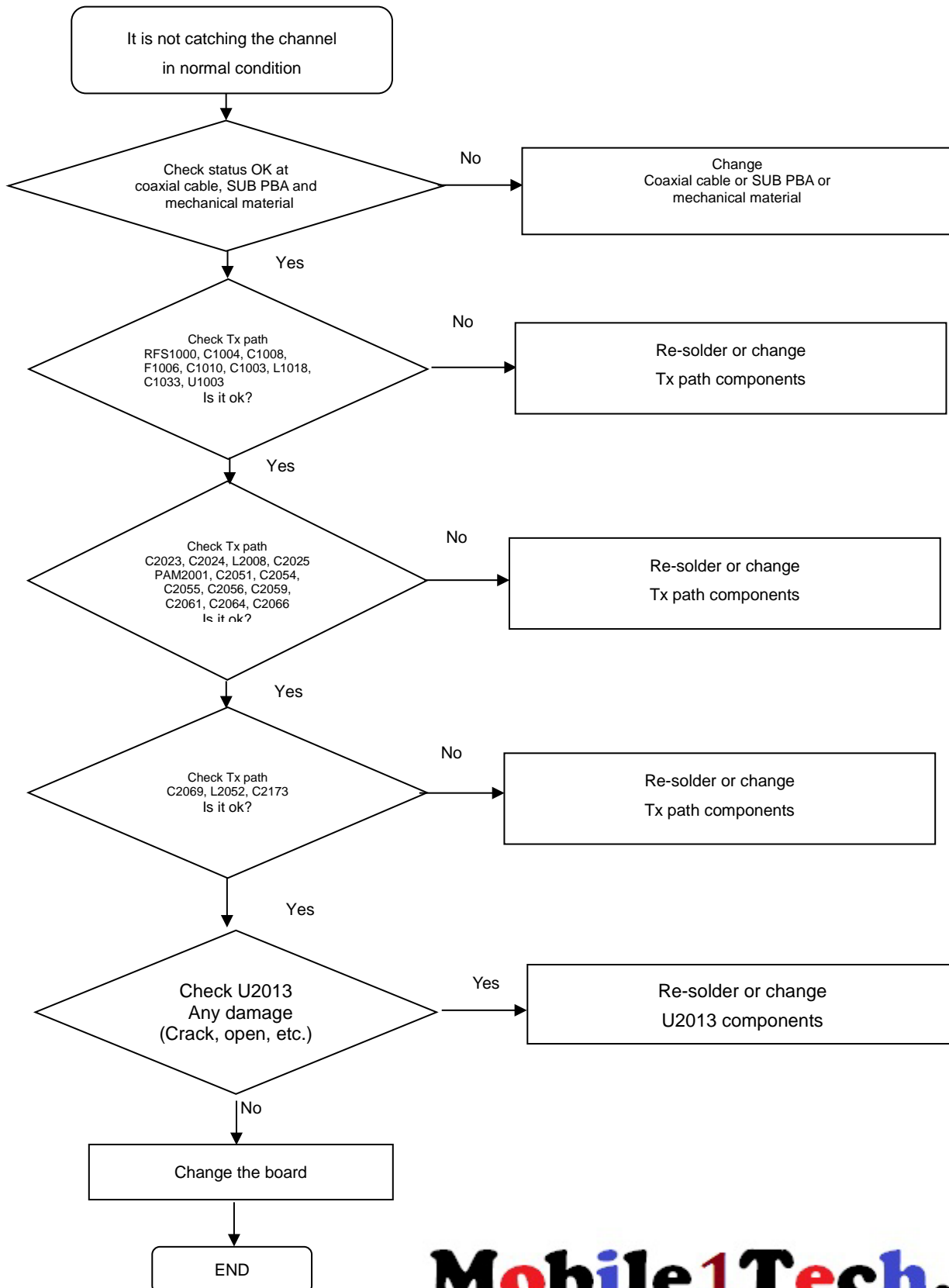


Mobile1Tech.com

8. Level 3 Repair



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

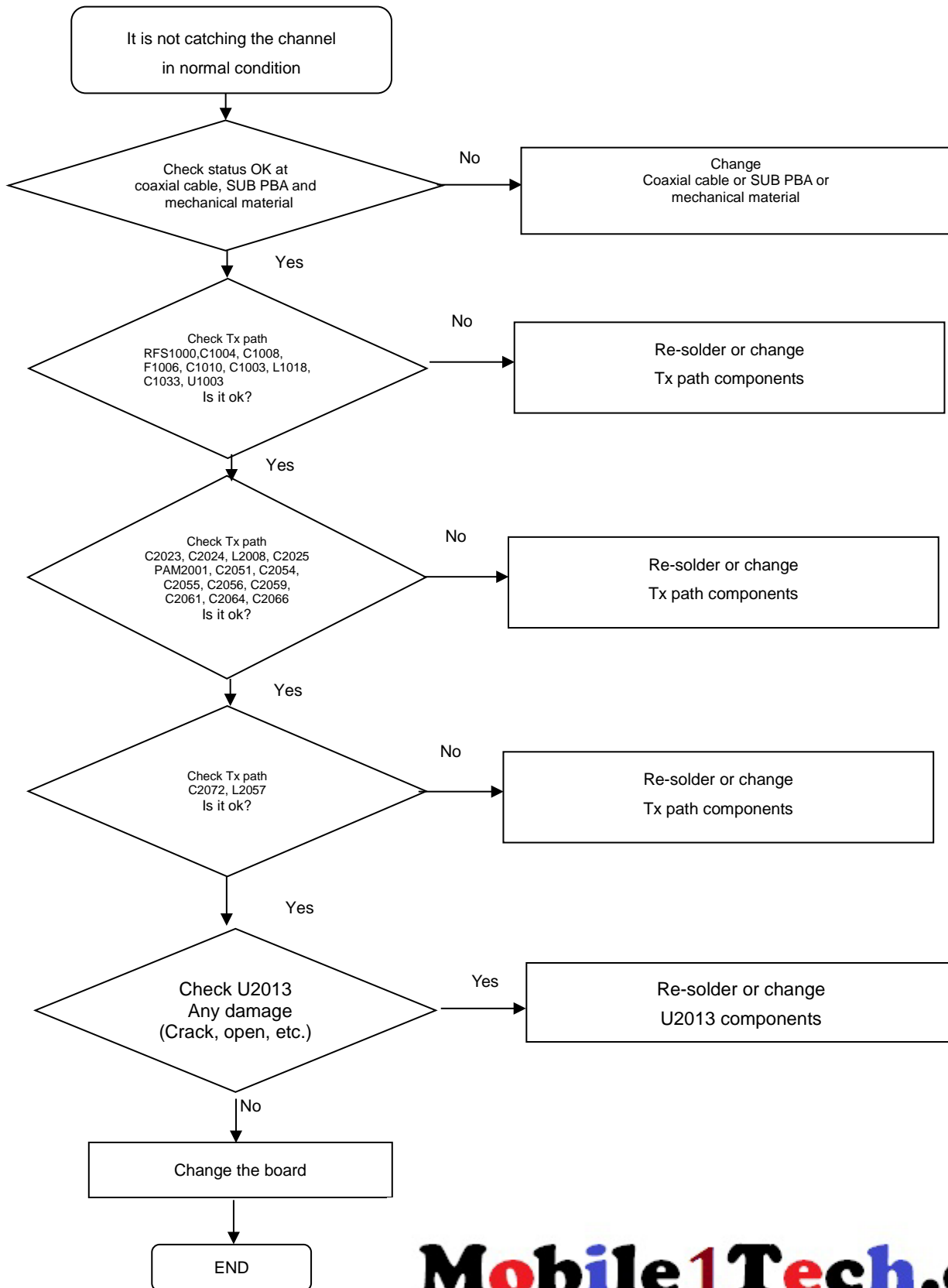


Mobile1Tech.com

8. Level 3 Repair



8-4-31. LTE B3 TX

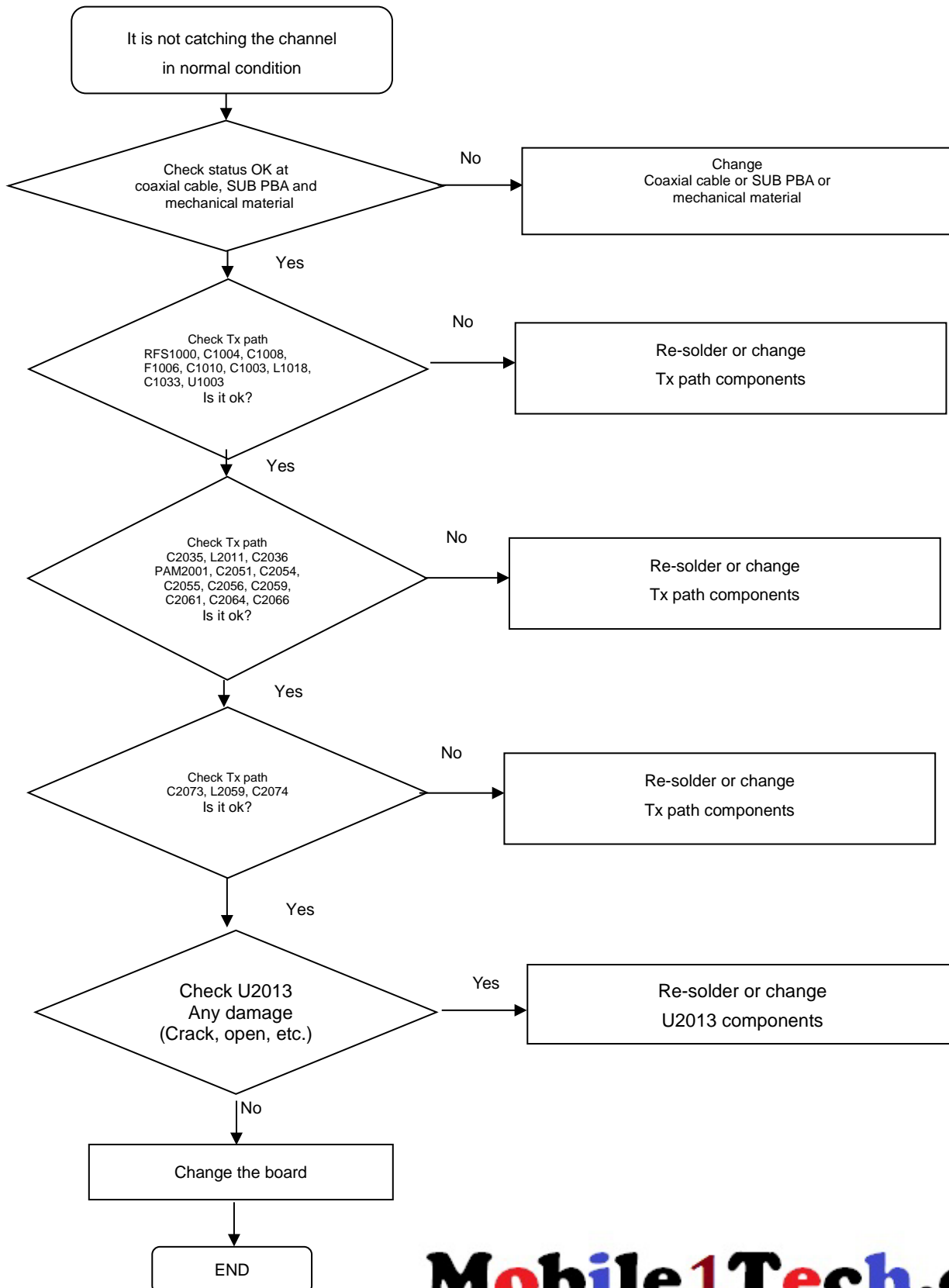


Mobile1Tech.com

8. Level 3 Repair



8-4-32. LTE B5, WCDMA B5 TX

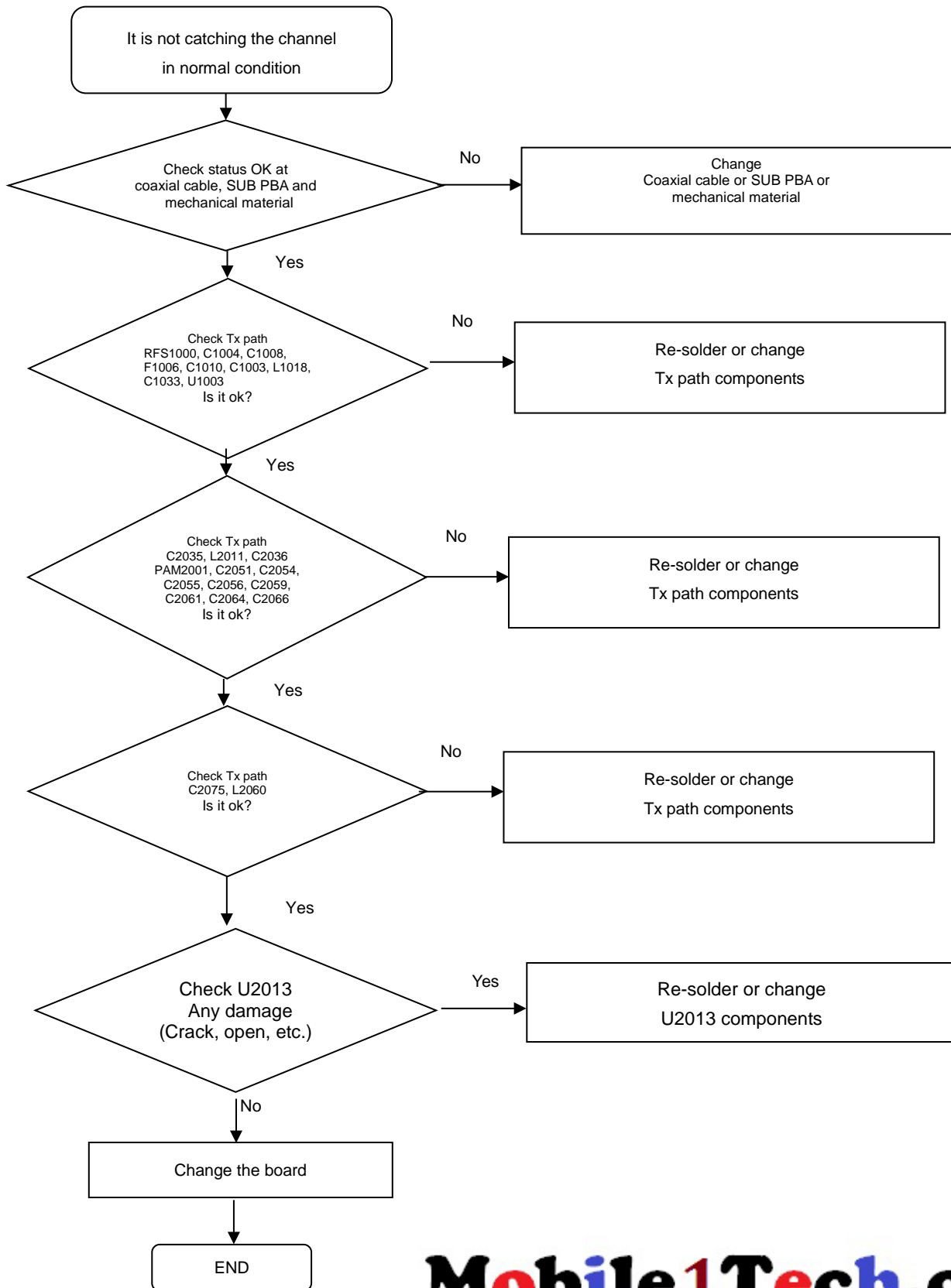


Mobile1Tech.com

8. Level 3 Repair



8-4-33. LTE B8, WCDMA B8 TX

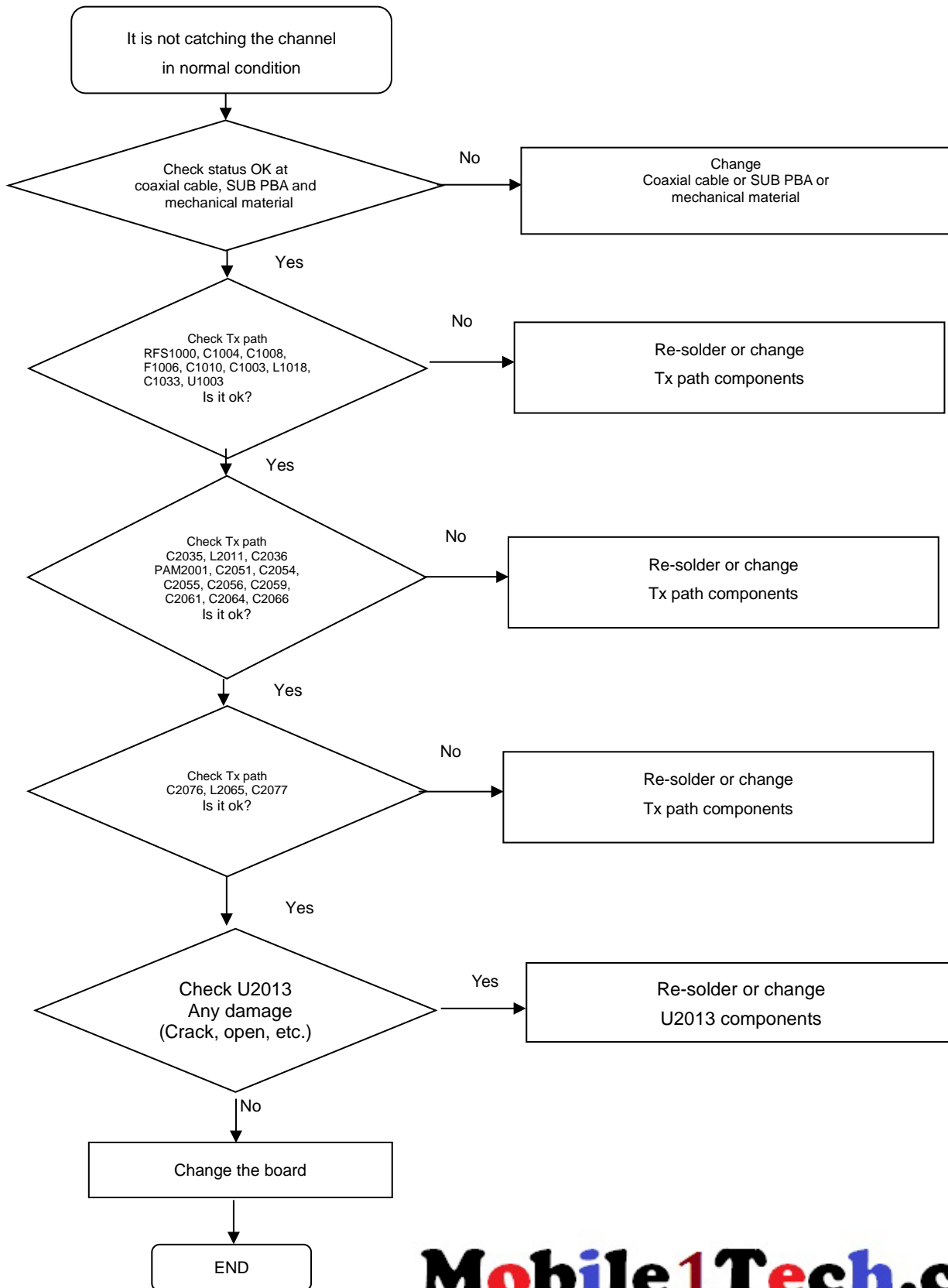


Mobile1Tech.com

8. Level 3 Repair



8-4-34. LTE B20 TX

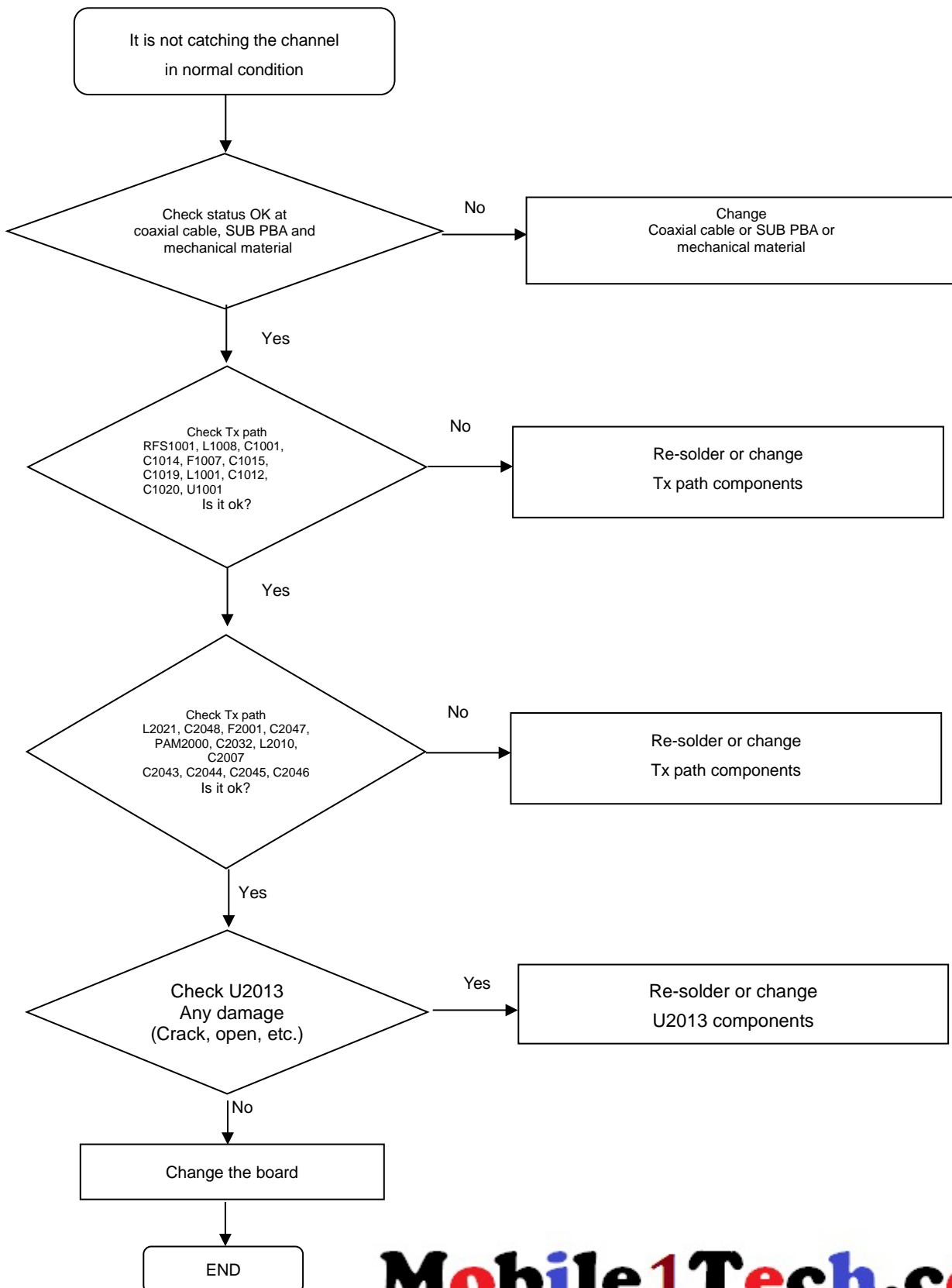


Mobile1Tech.com

8. Level 3 Repair



8-4-35. LTE B38/B41 TX

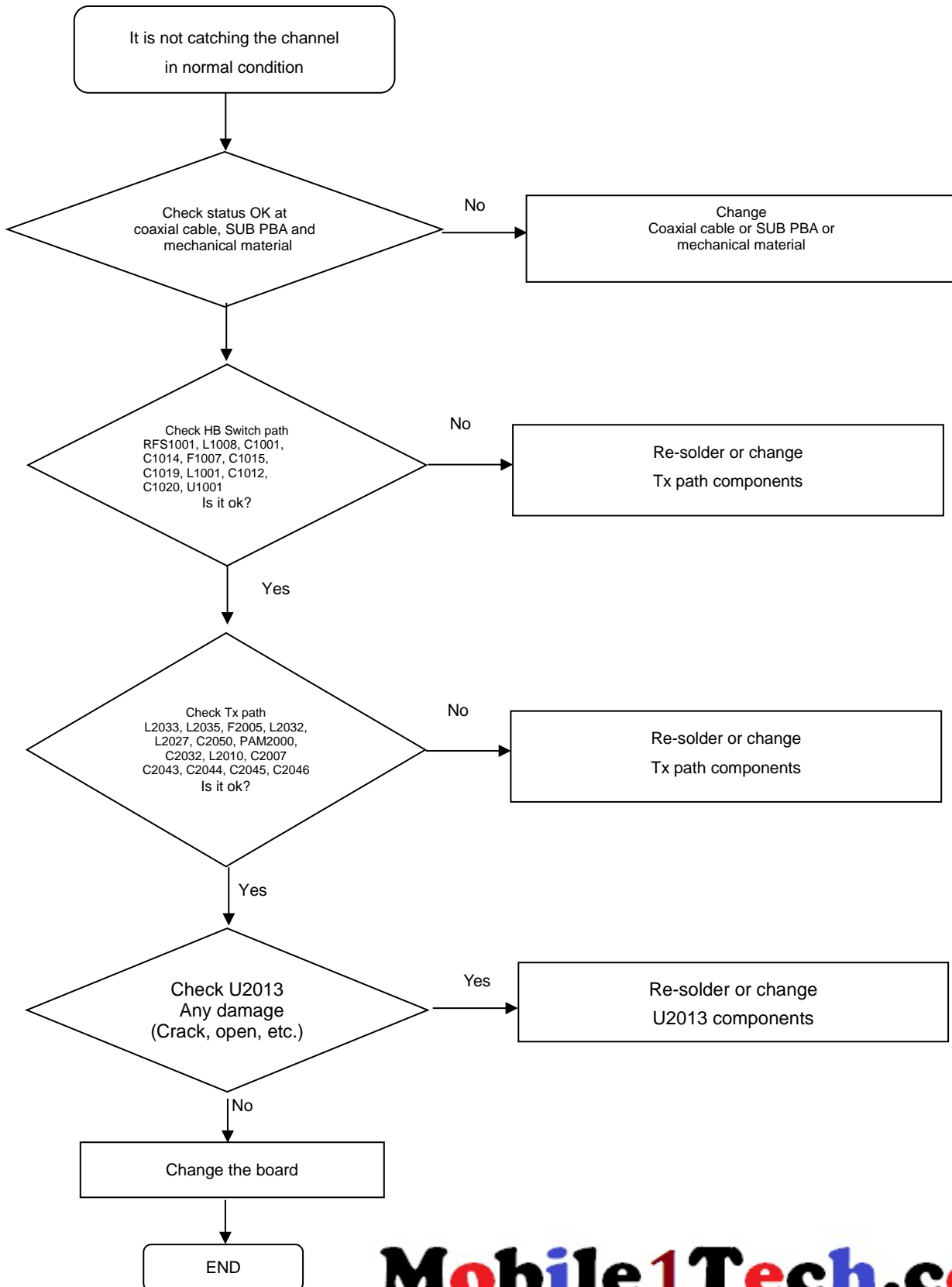


Mobile1Tech.com

8. Level 3 Repair



8-4-36. LTE B40 TX



Mobile1Tech.com