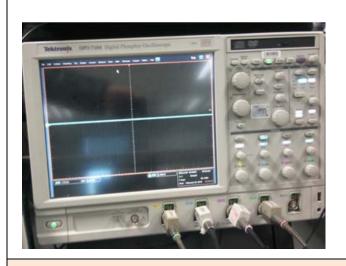




8-3. Flow chart of Troubleshooting.





Oscilloscope

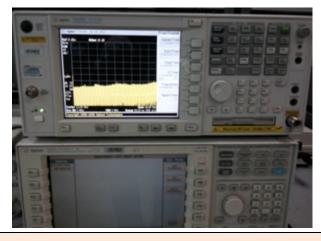
Digital Multimeter





Power Supply

+ driver, ESD Safe Tweezer



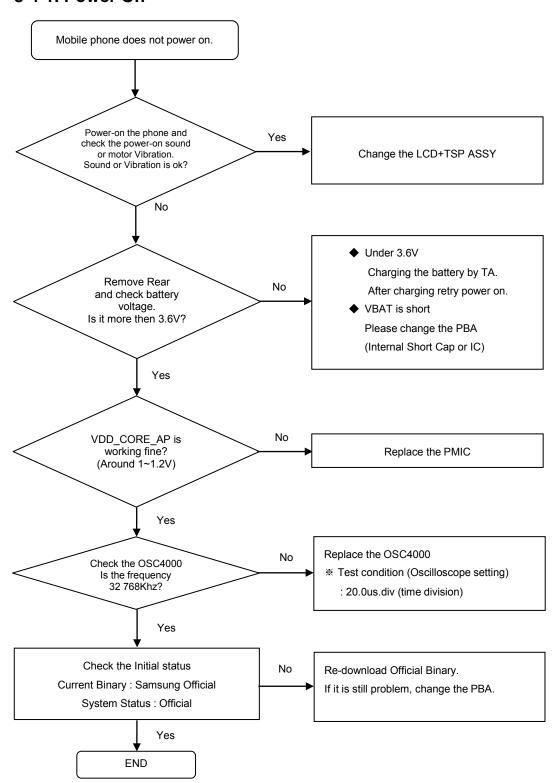


8960 & Spectrum Analyzer

Soldering iron

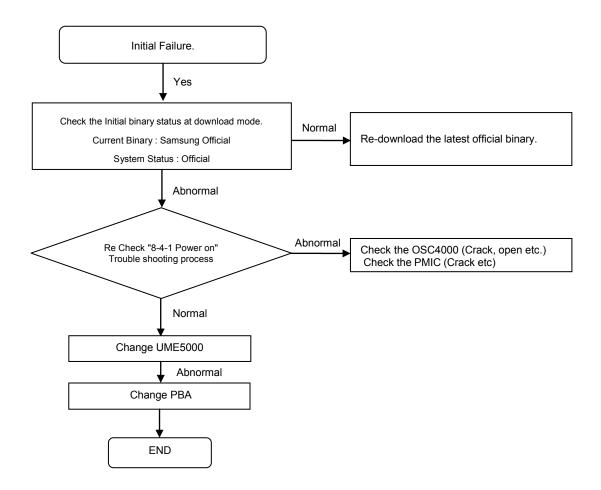


8-4-1. Power On



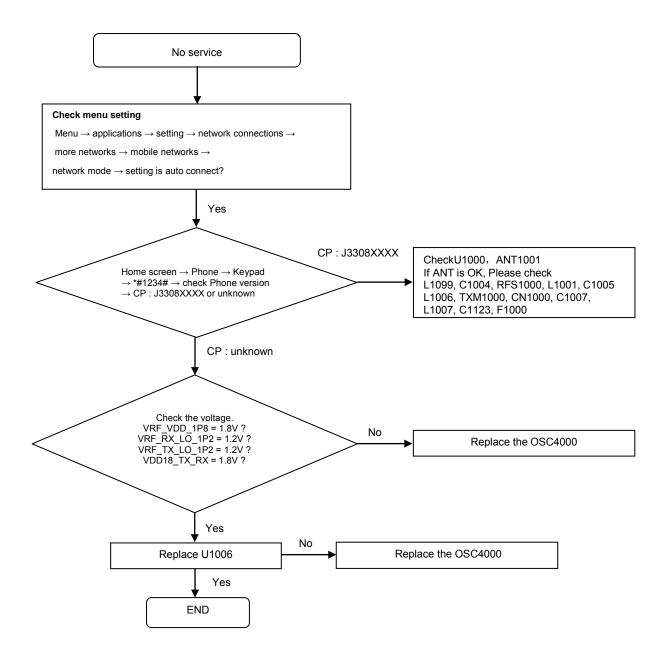


8-4-2. Initial



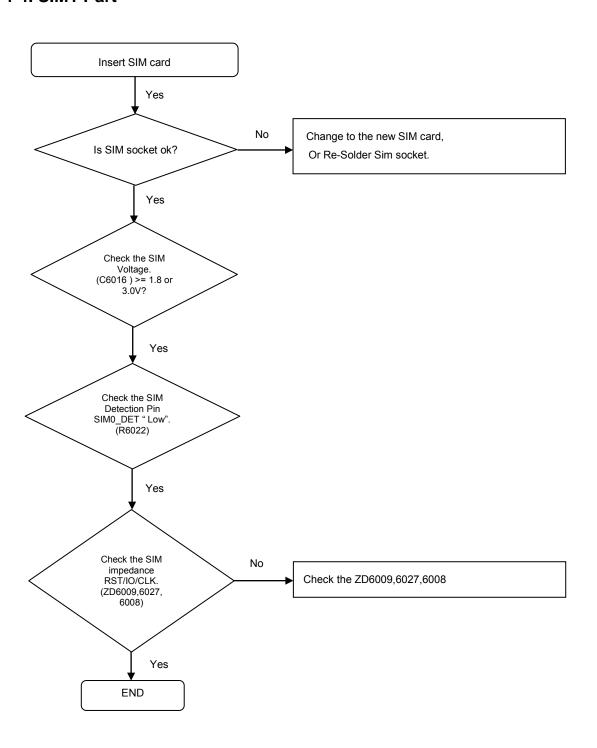


8-4-3. No Service



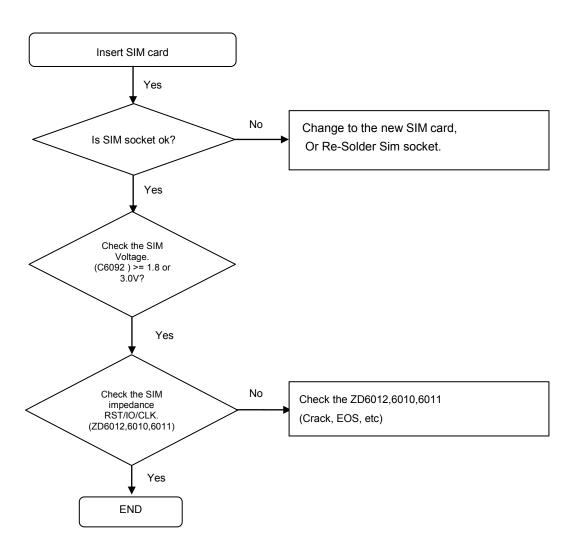


8-4-4. SIM1 Part



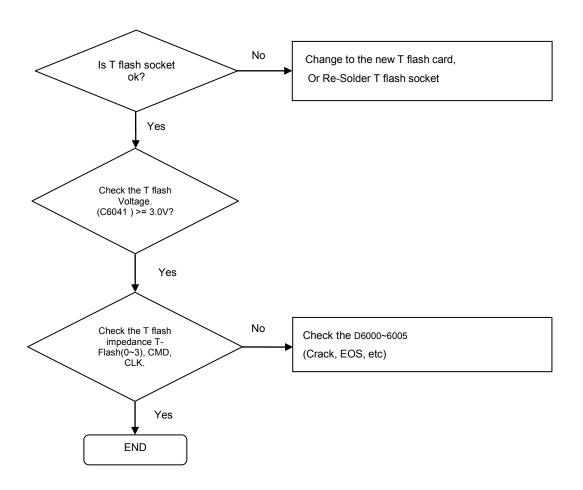


8-4-5. SIM2 Part



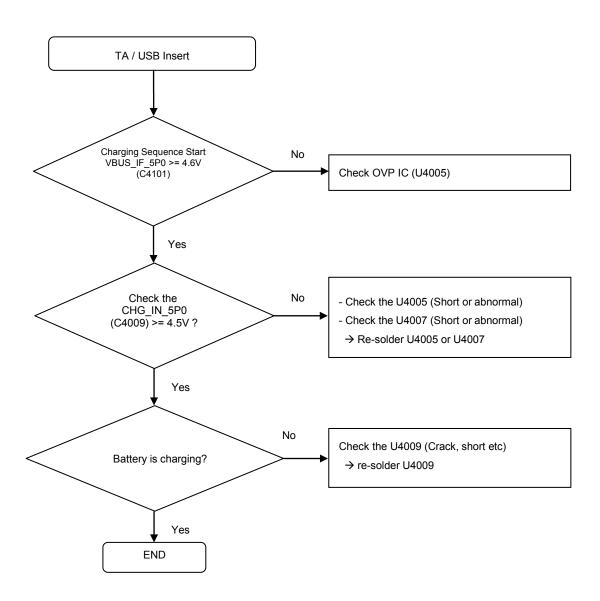


8-4-6. T-Flash Part



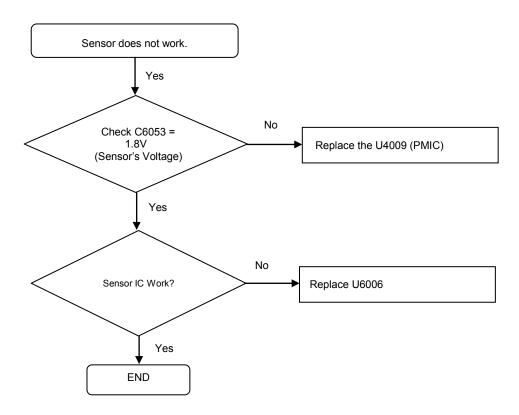


8-4-7. Charging Part



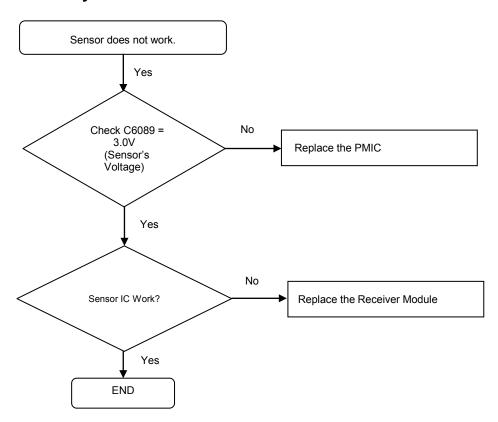


8-4-8-1. Accel Sensor



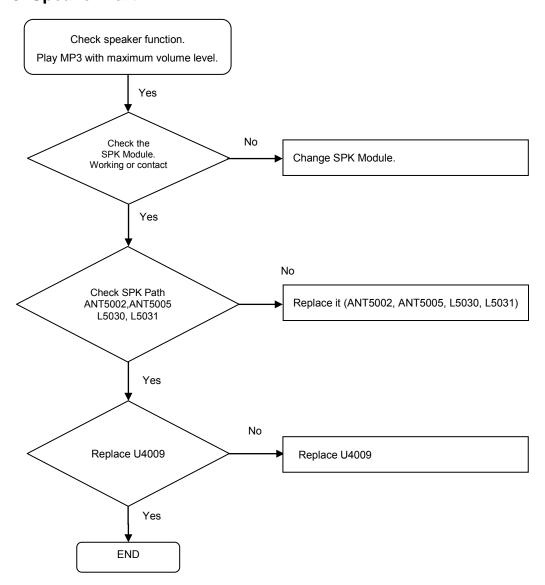


8-4-8-2. Proxy Sensor



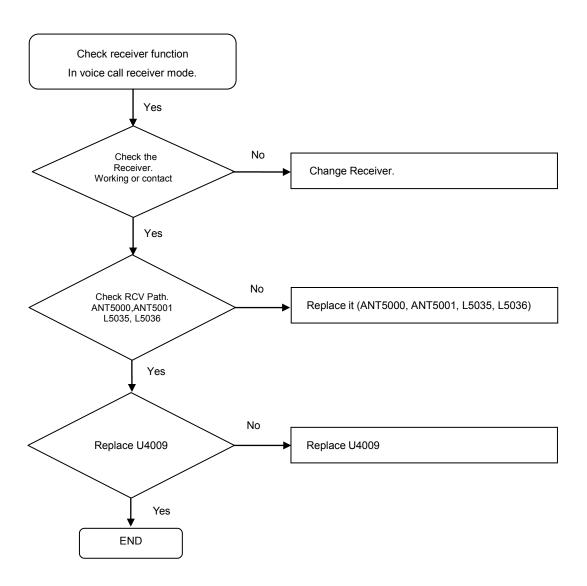


8-4-9. Speaker Part



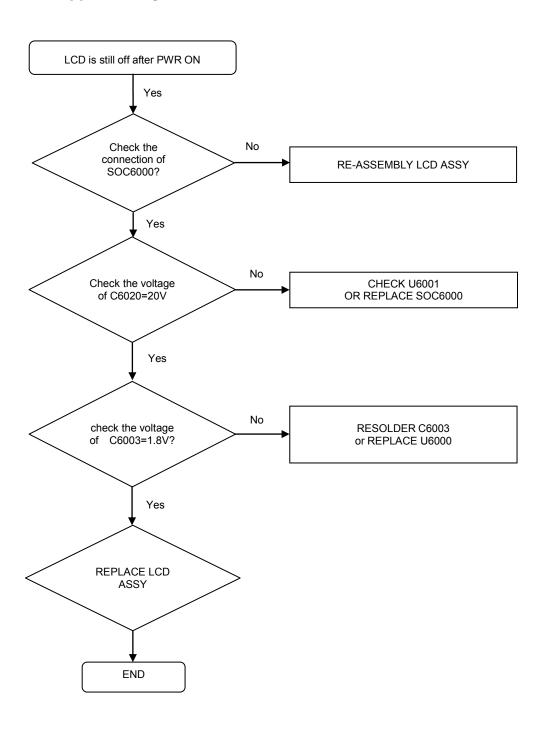


8-4-10. Receiver Part



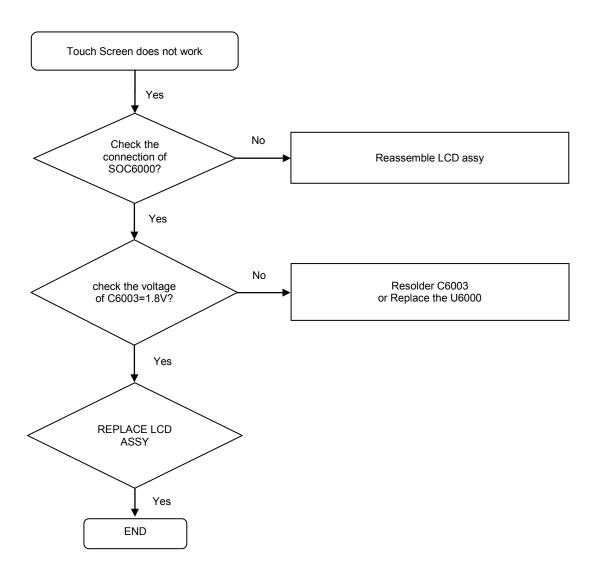


8-4-11. In-cell TFT-LCD



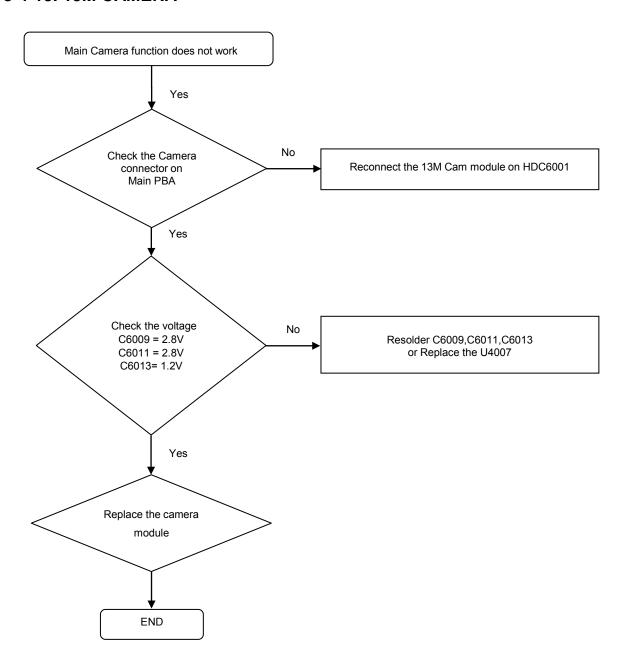


8-4-12. TSP



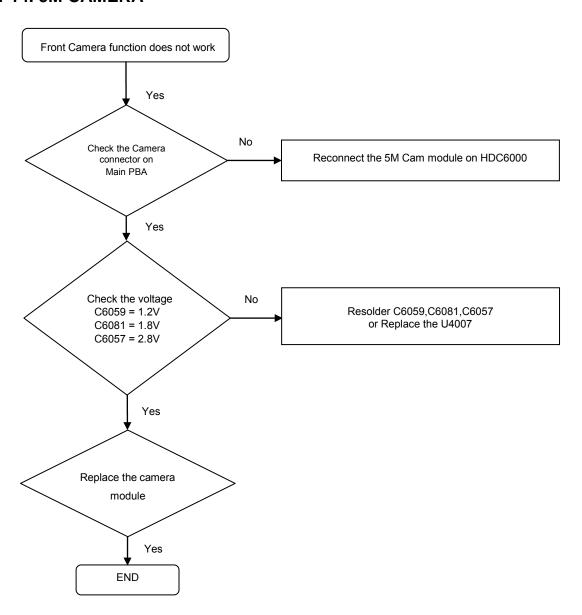


8-4-13, 13M CAMERA



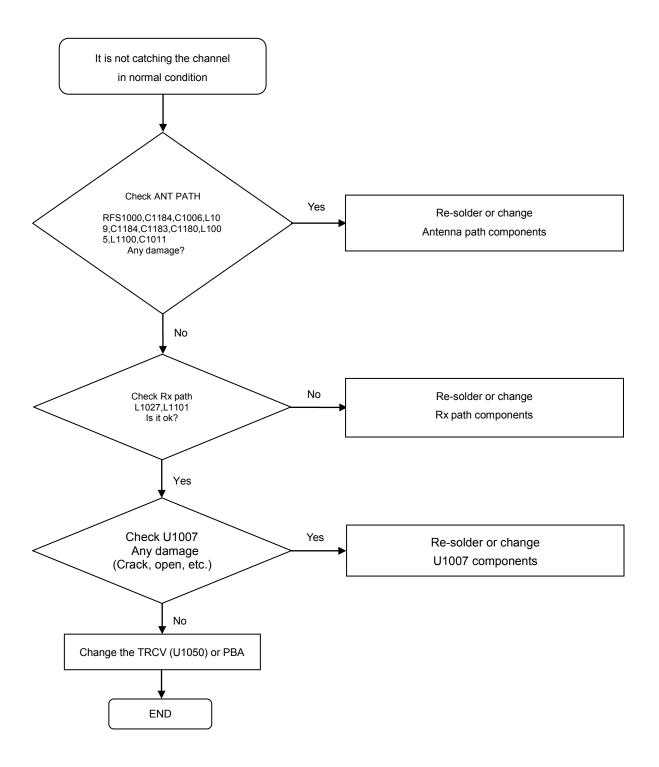


8-4-14. 5M CAMERA



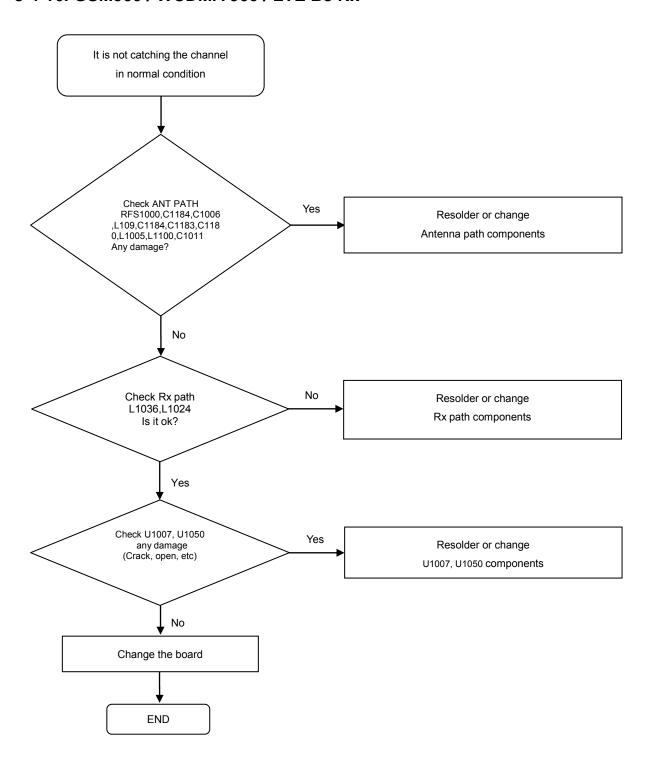


8-4-15. GSM 850 / WCDMA 850 / LTE B5 / CDMA BC0 Rx



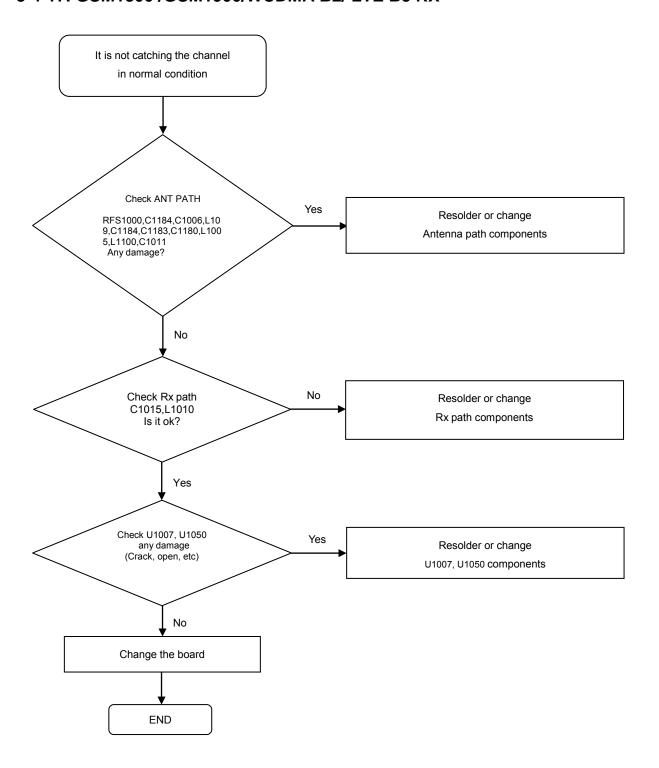


8-4-16. GSM900 / WCDMA 900 / LTE B8 Rx



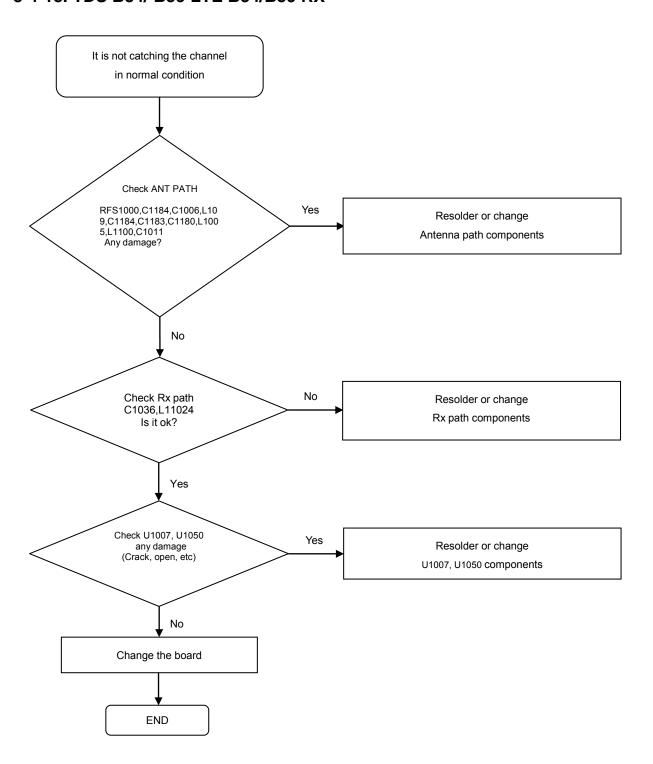


8-4-17. GSM1800 /GSM1900/WCDMA B2/ LTE B3 RX



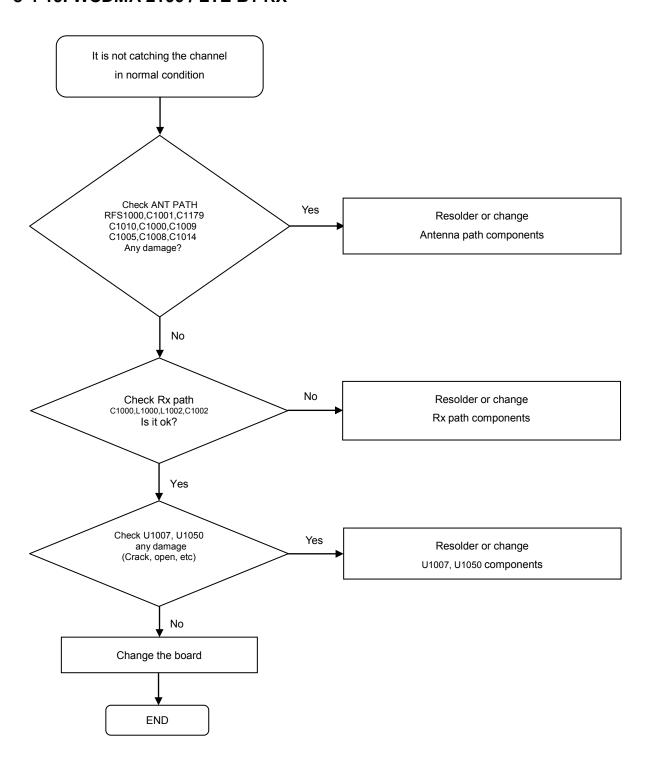


8-4-18, TDS B34/ B39 LTE B34/B39 RX



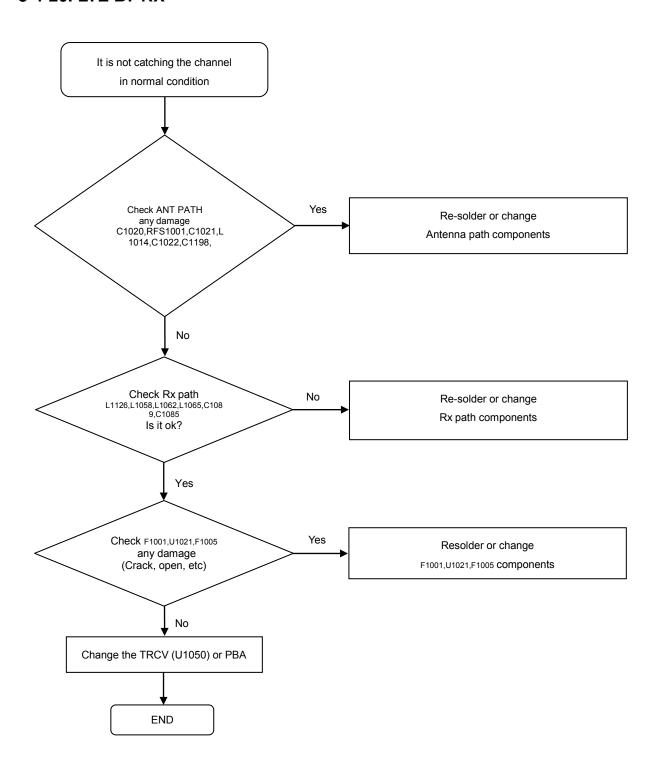


8-4-19. WCDMA 2100 / LTE B1 RX



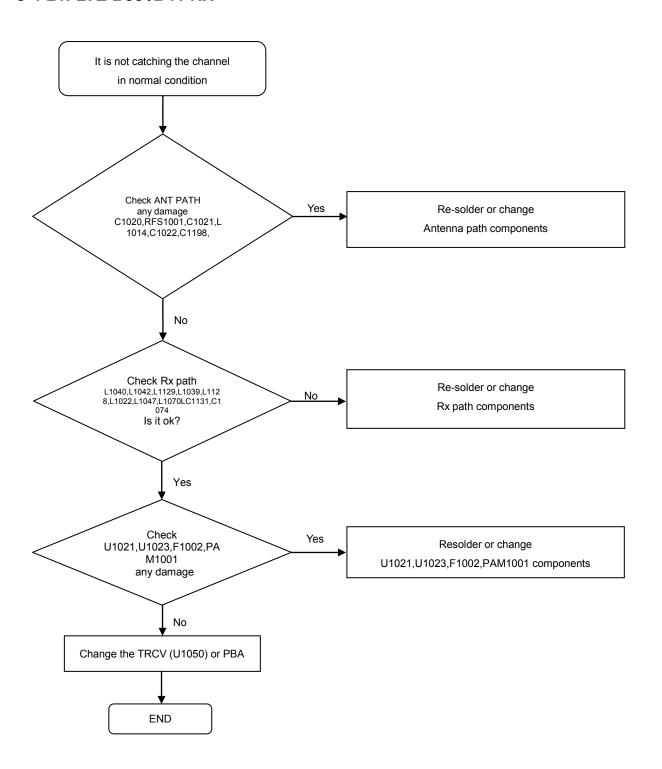


8-4-20. LTE B7 RX



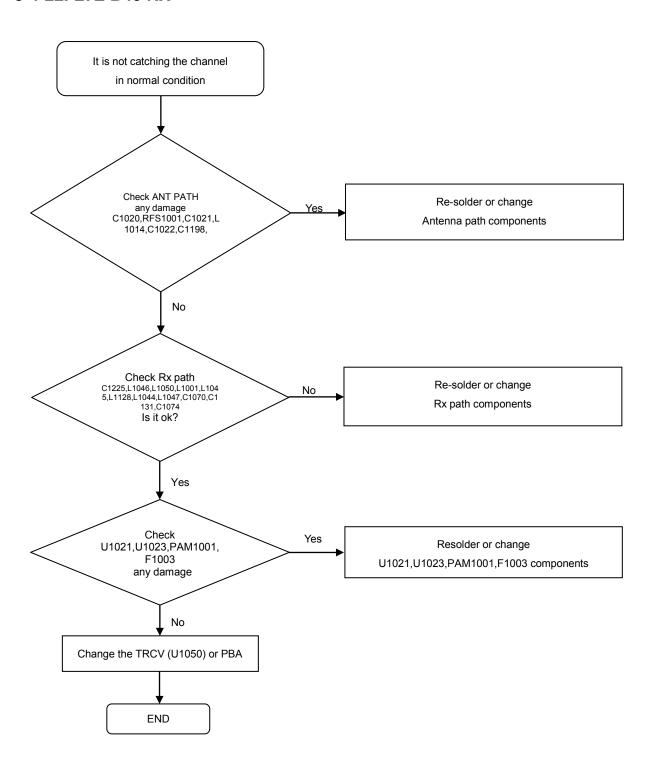


8-4-21. LTE B38 /B41 RX



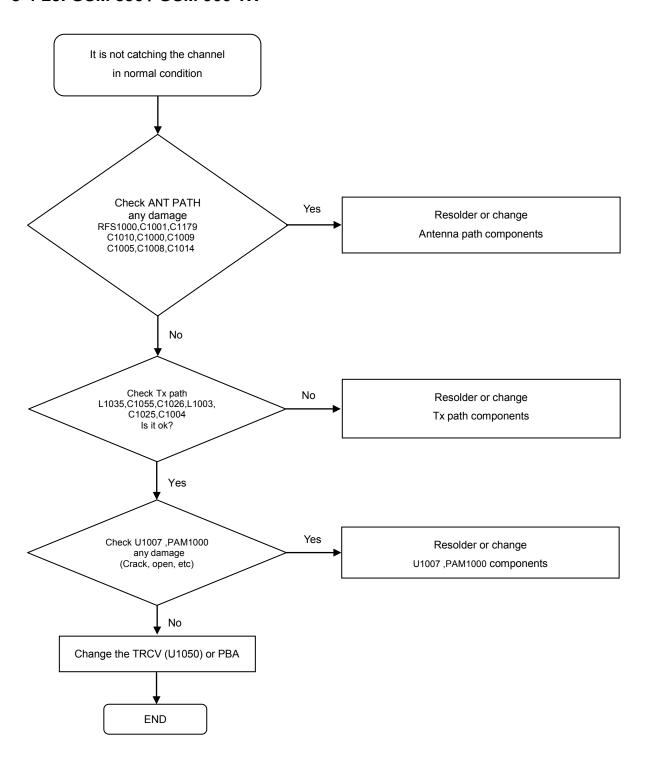


8-4-22. LTE B40 RX



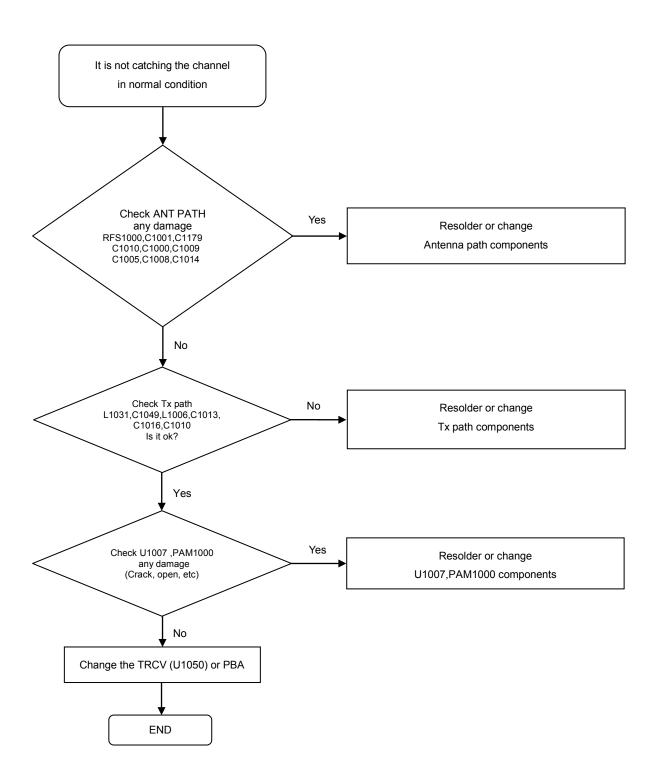


8-4-23. GSM 850 / GSM 900 TX



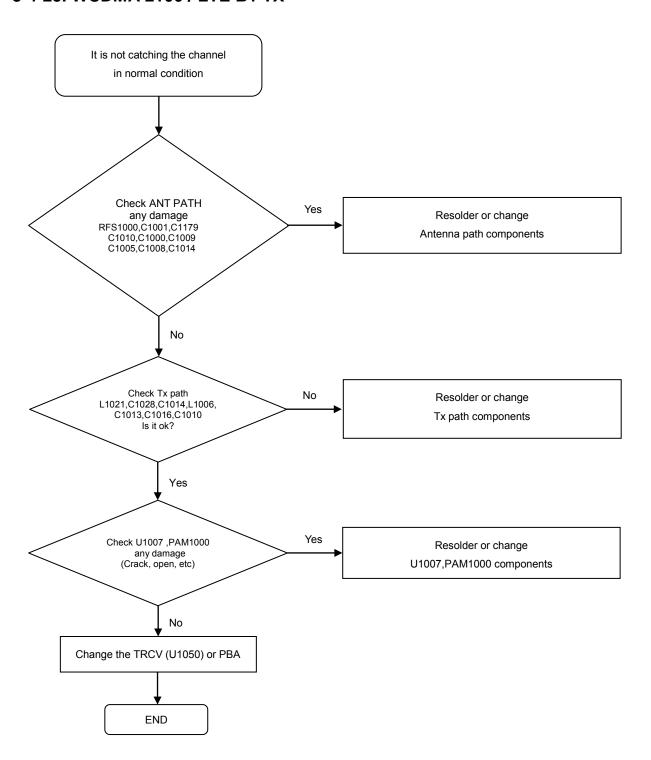


8-4-24. GSM 1800 / GSM 1900 TX



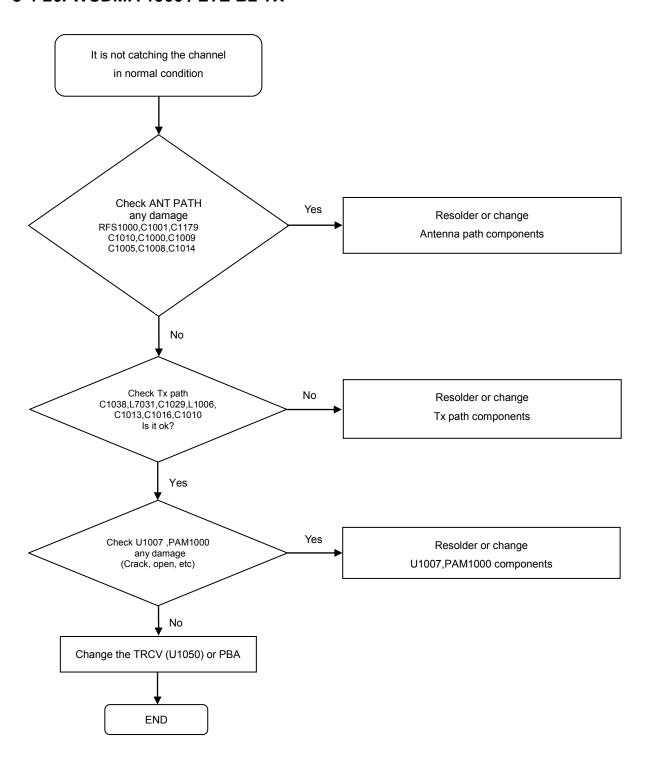


8-4-25. WCDMA 2100 / LTE B1 TX



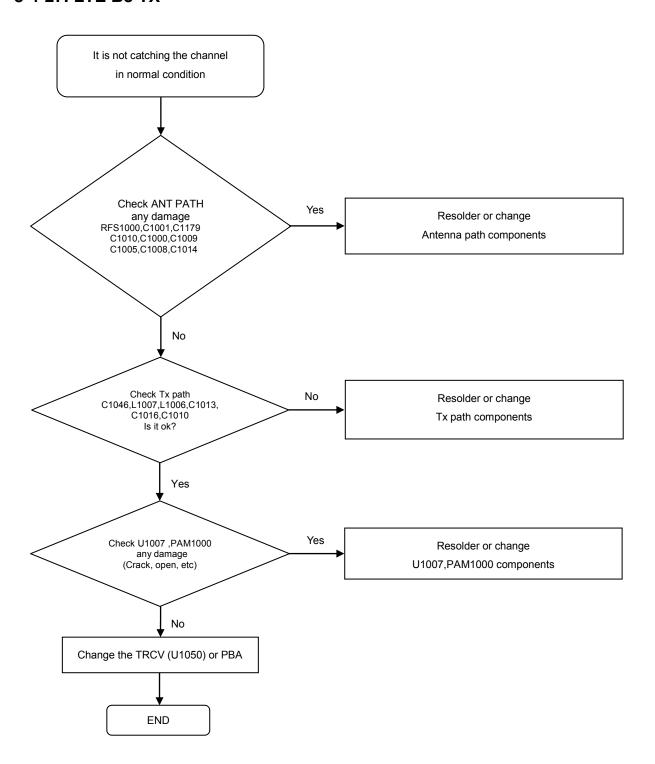


8-4-26. WCDMA 1900 / LTE B2 TX



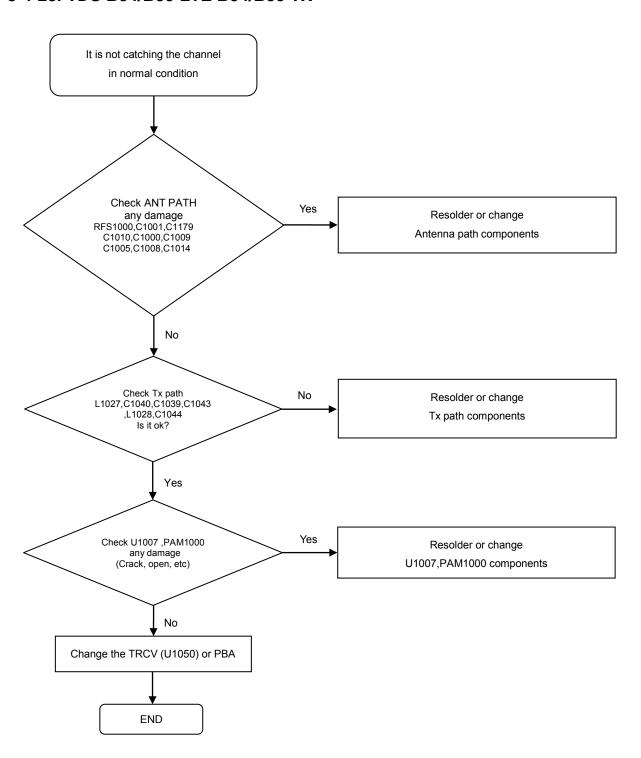


8-4-27. LTE B3 TX



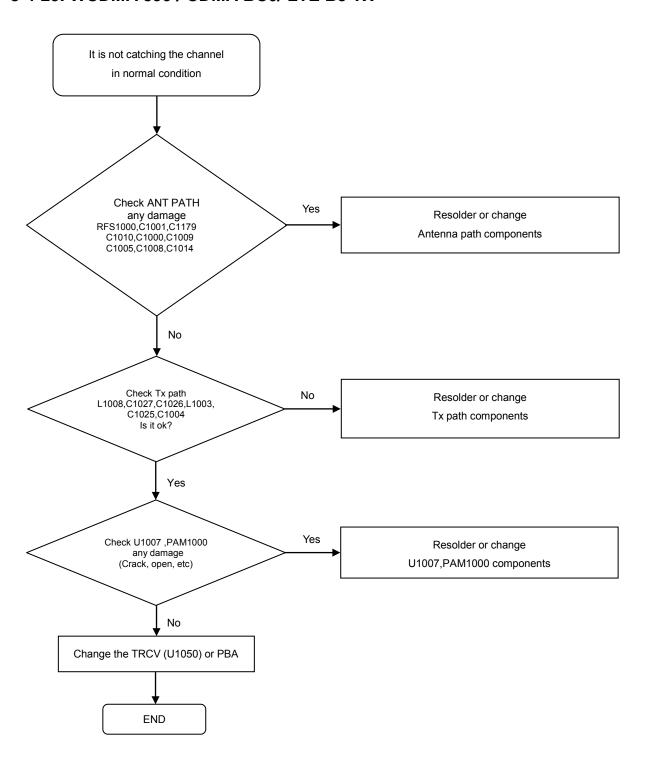


8-4-28. TDS B34/B39 LTE B34/B39 TX



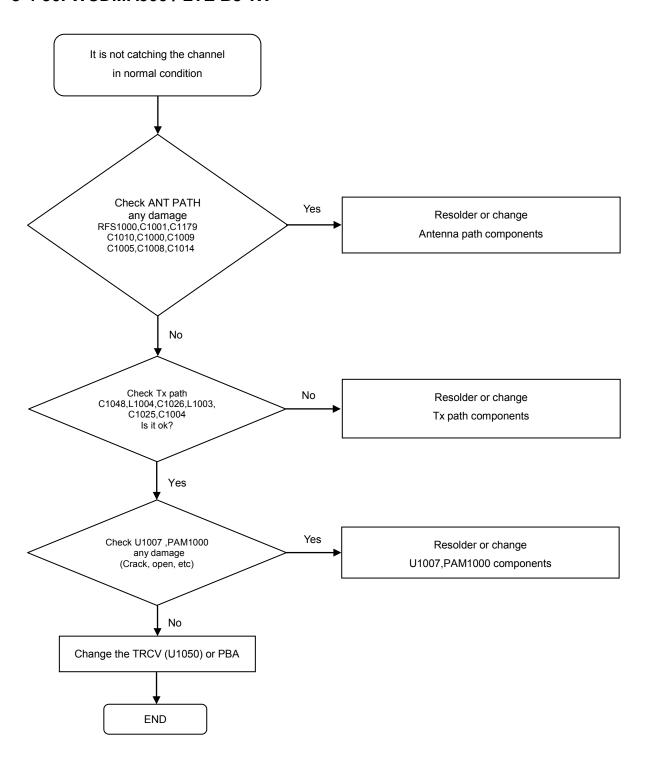


8-4-29. WCDMA 850 / CDMA BC0/ LTE B5 TX



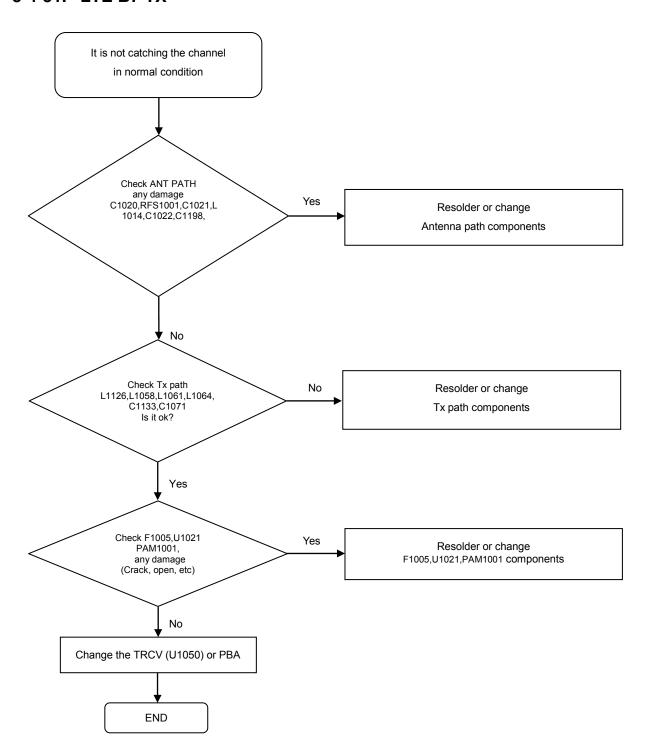


8-4-30. WCDMA900 / LTE B8 TX



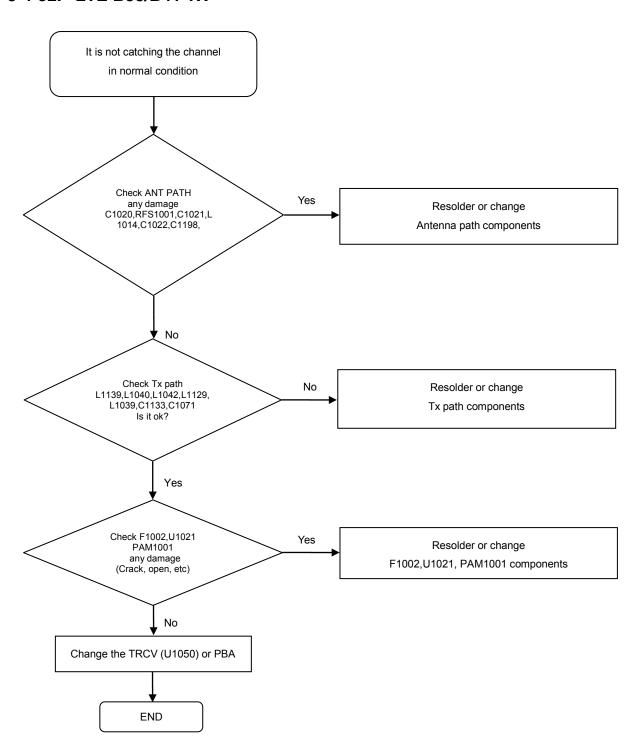


8-4-31. LTE B7 TX



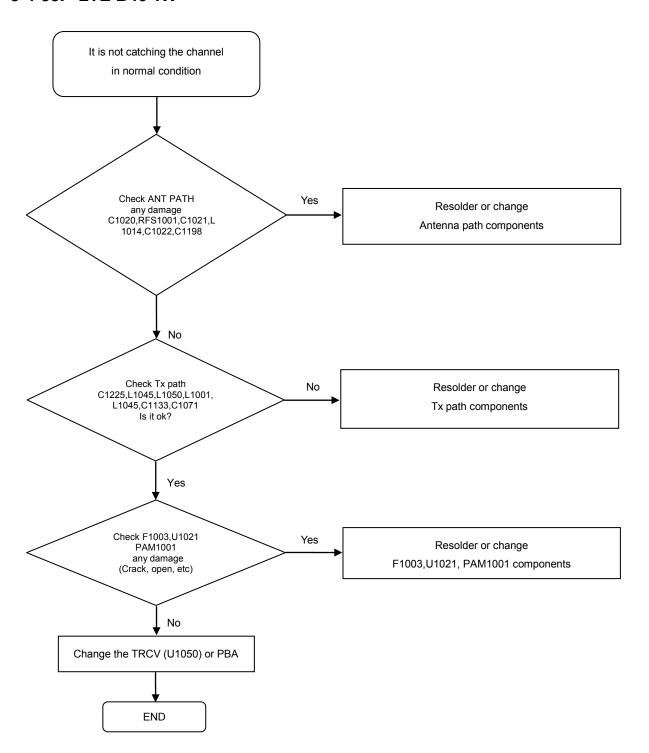


8-4-32. LTE B38/B41 TX



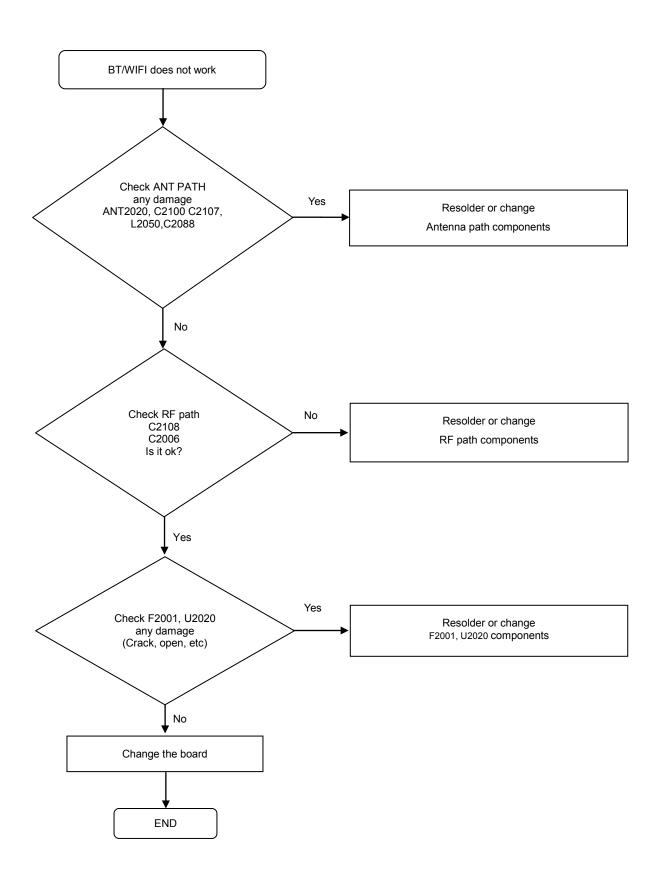


8-4-33. LTE B40 TX



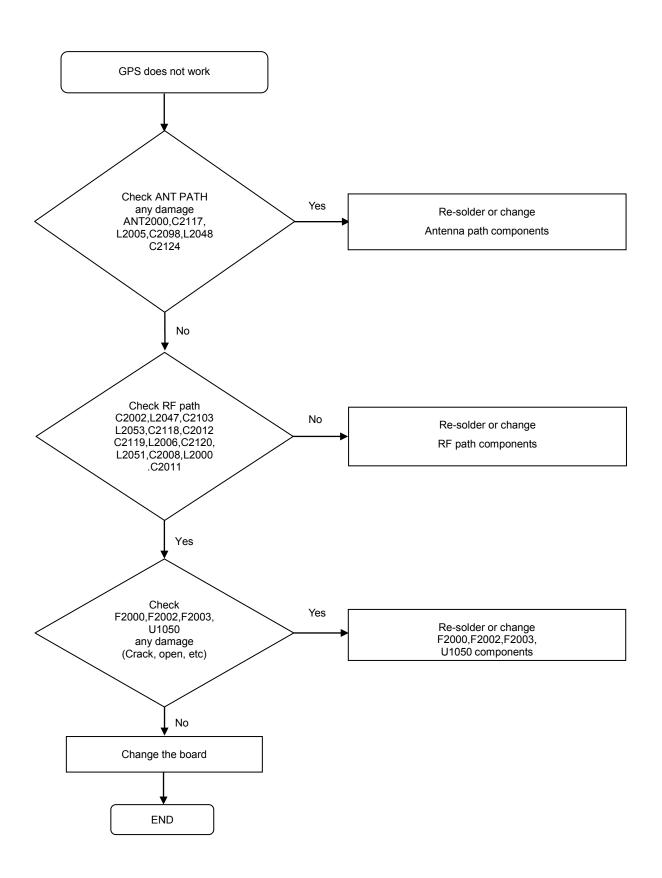


8-4-34. BT/WLAN



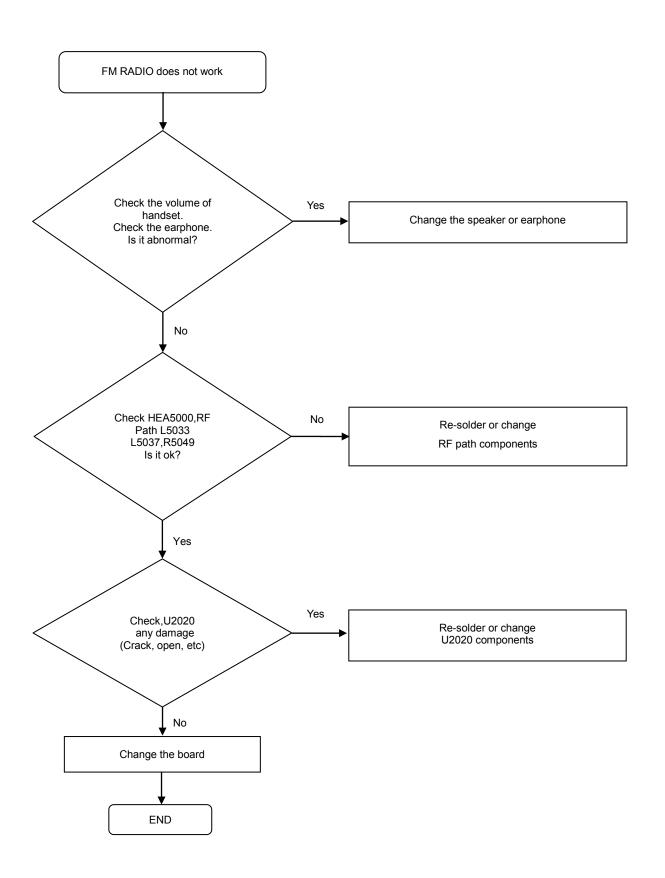


8-4-35. GPS





8-4-36. FM RADIO





8-5. Service Schematics

- NC Point(Top View) U3000 (AP)

