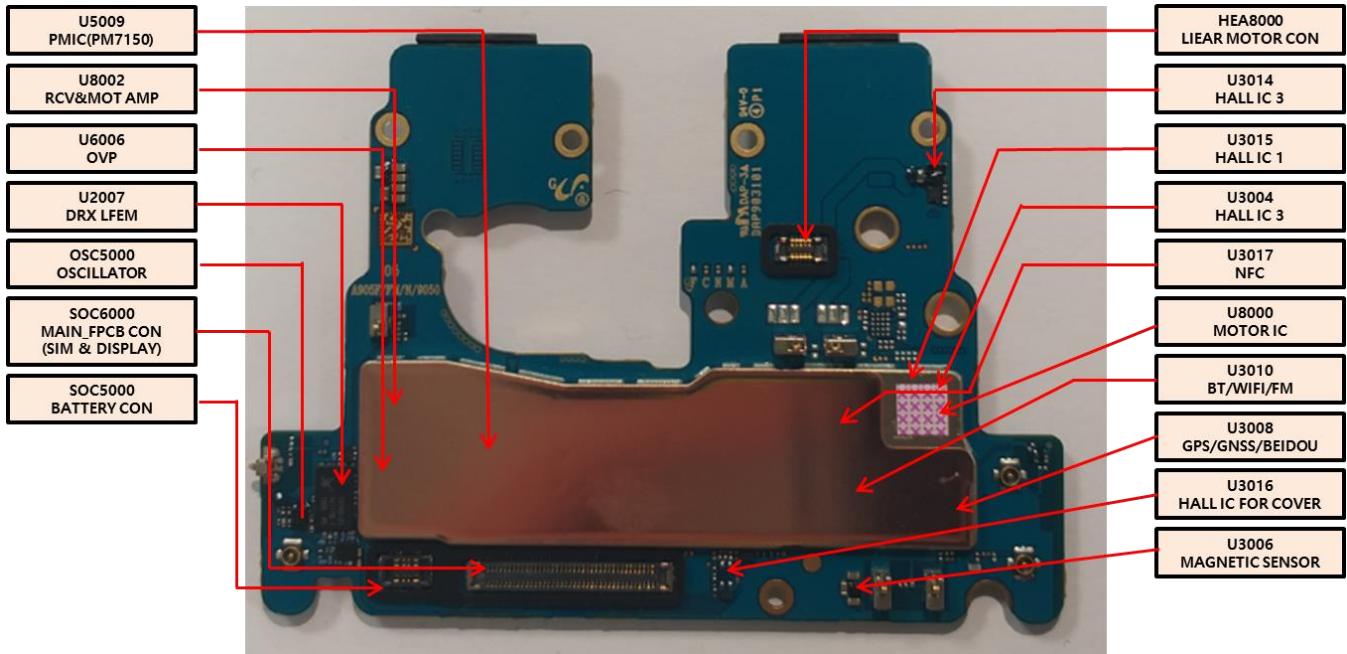


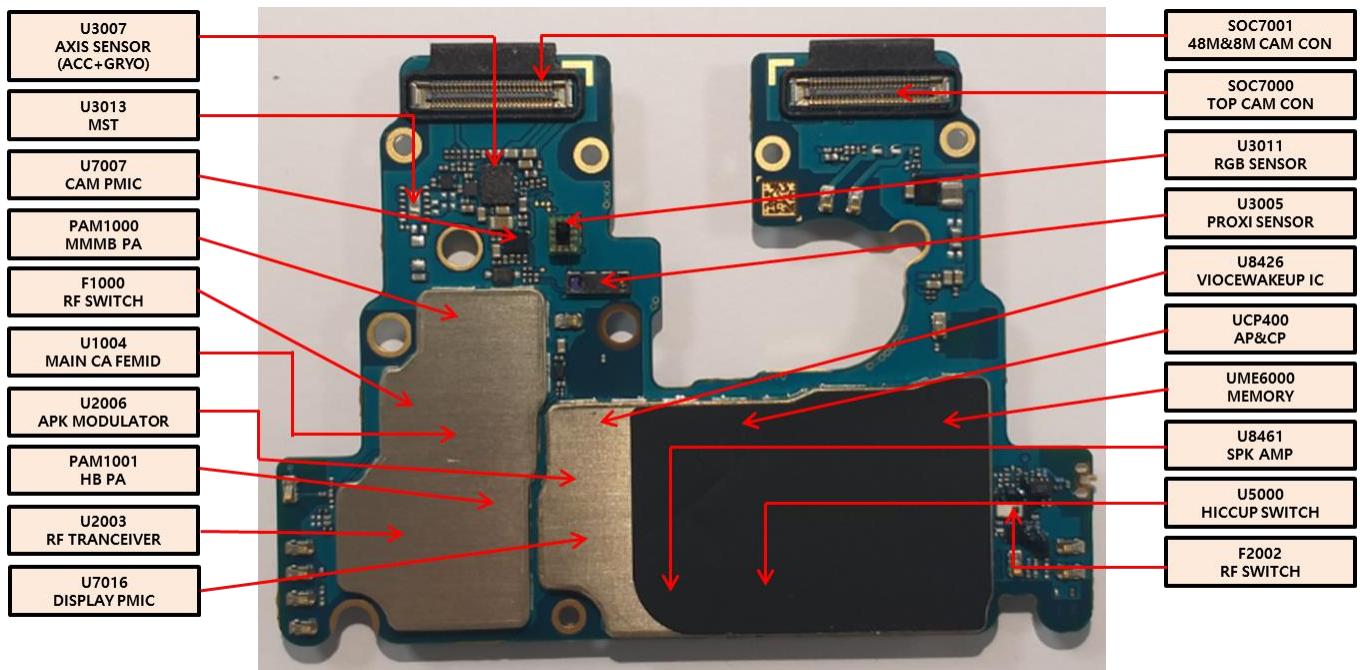
8. Level 3 Repair

8-1. Components Layout

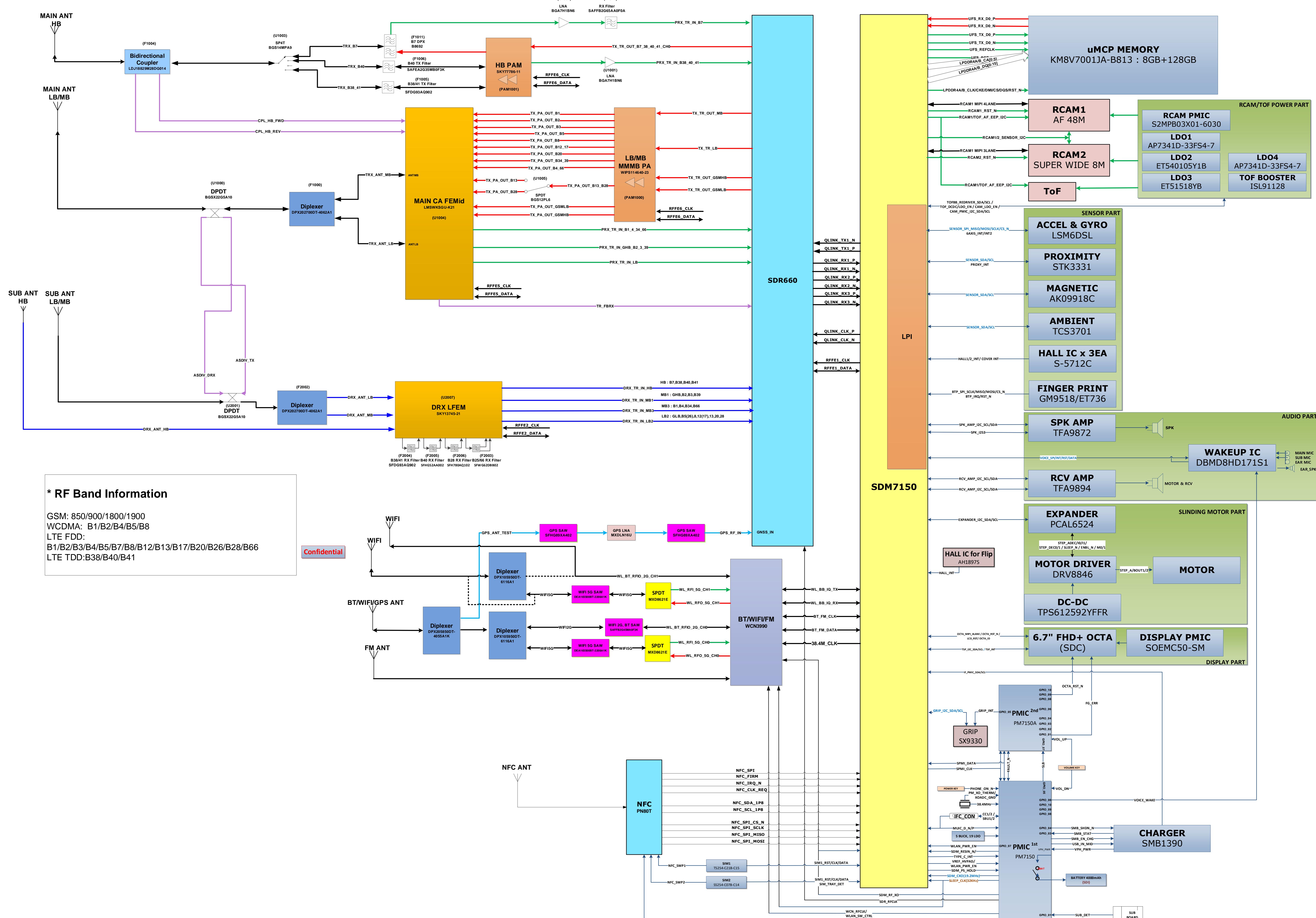
MAIN PBA (TOP SIDE)



MAIN PBA (BOTTOM SIDE)

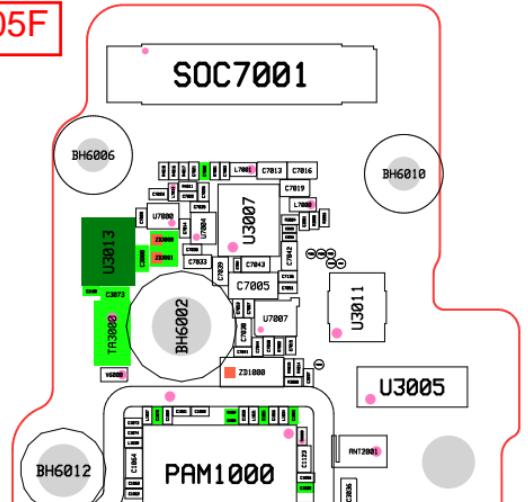


2019 A80 Block Diagram 19.03.28

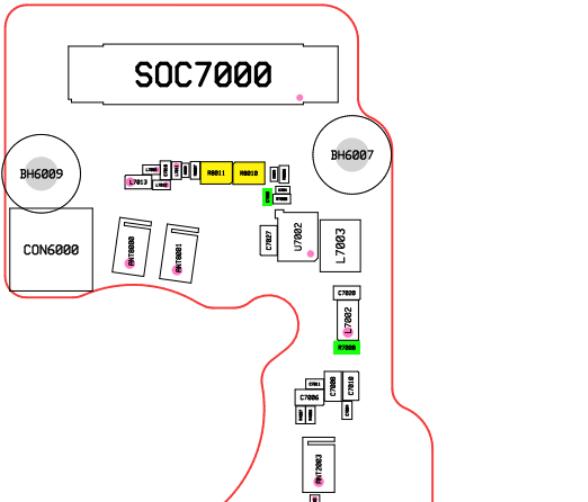


SM-A805F

SOC7001



SOC7000



SC6003
F10000

U2003

U1004

PAM1000

BH6012

BH6006

BH6010

3

38

TH

1

U3005

31

— 1 —

10

10

-7006 C7866

57816

L7

10

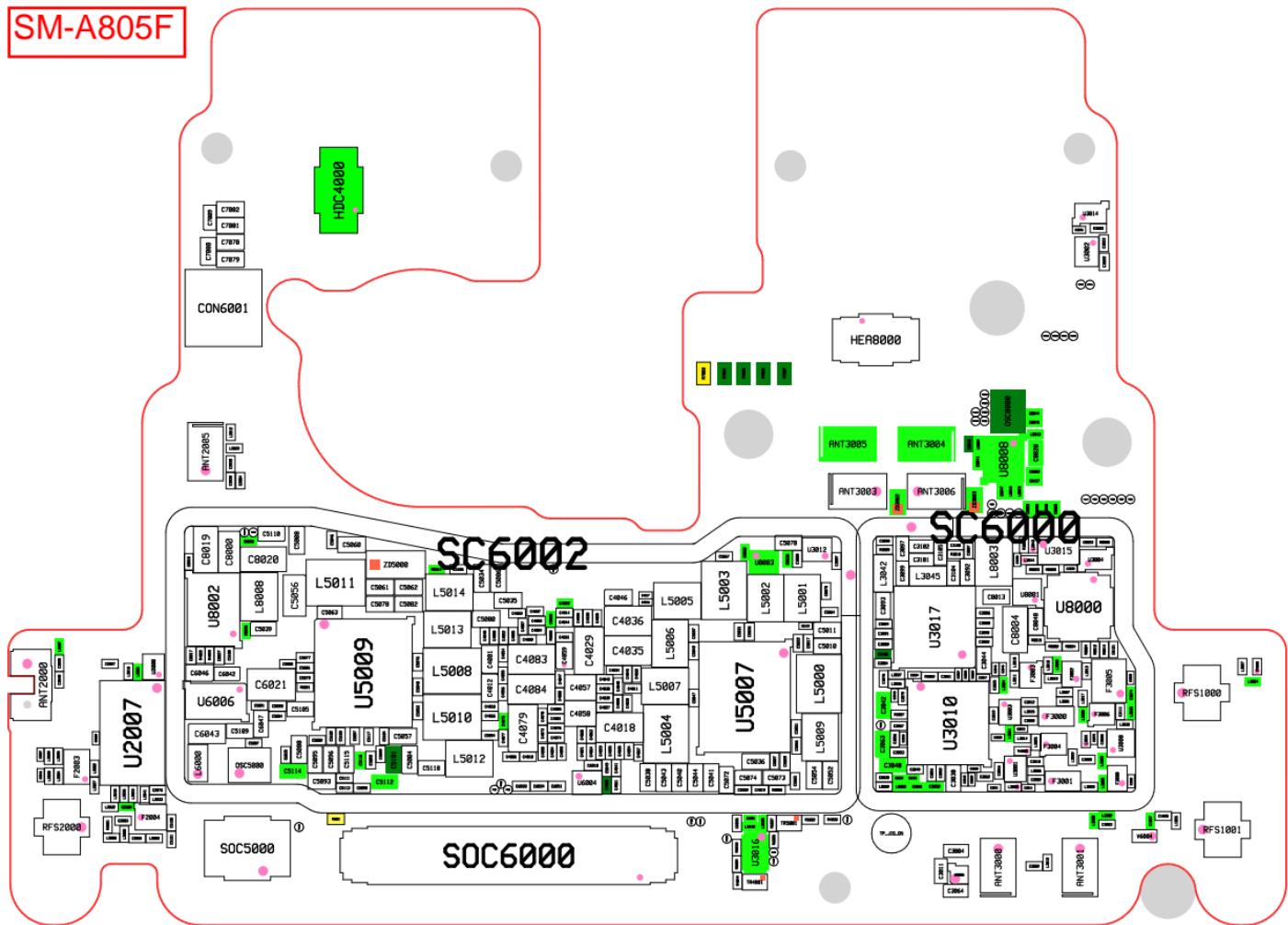
SC5001

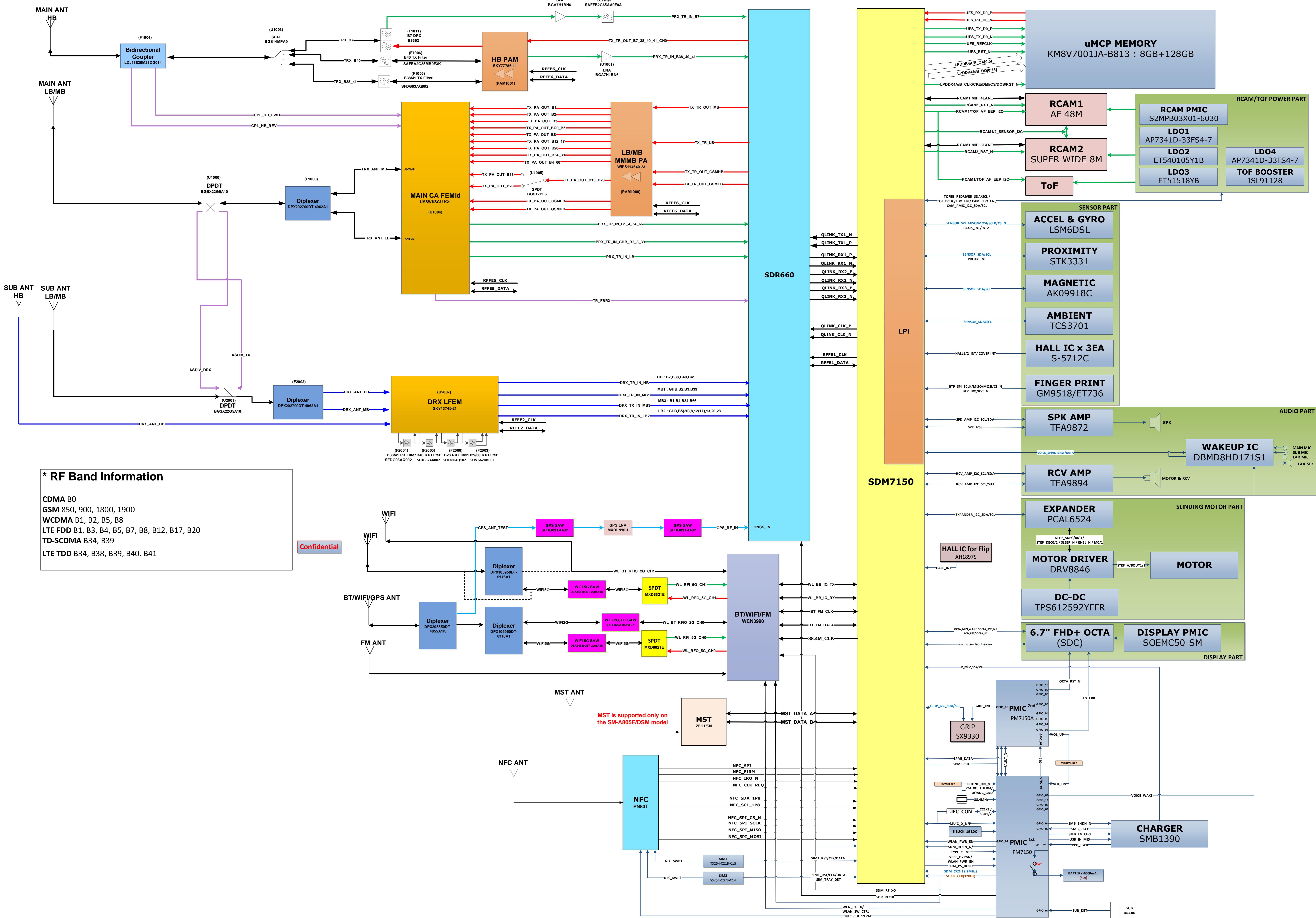
UCP400

UME6000

A floor plan diagram showing room labels U2081, U2085, F2002, F2006, F2002, F2005, RMT5883, RMT6087, and RMT6082.

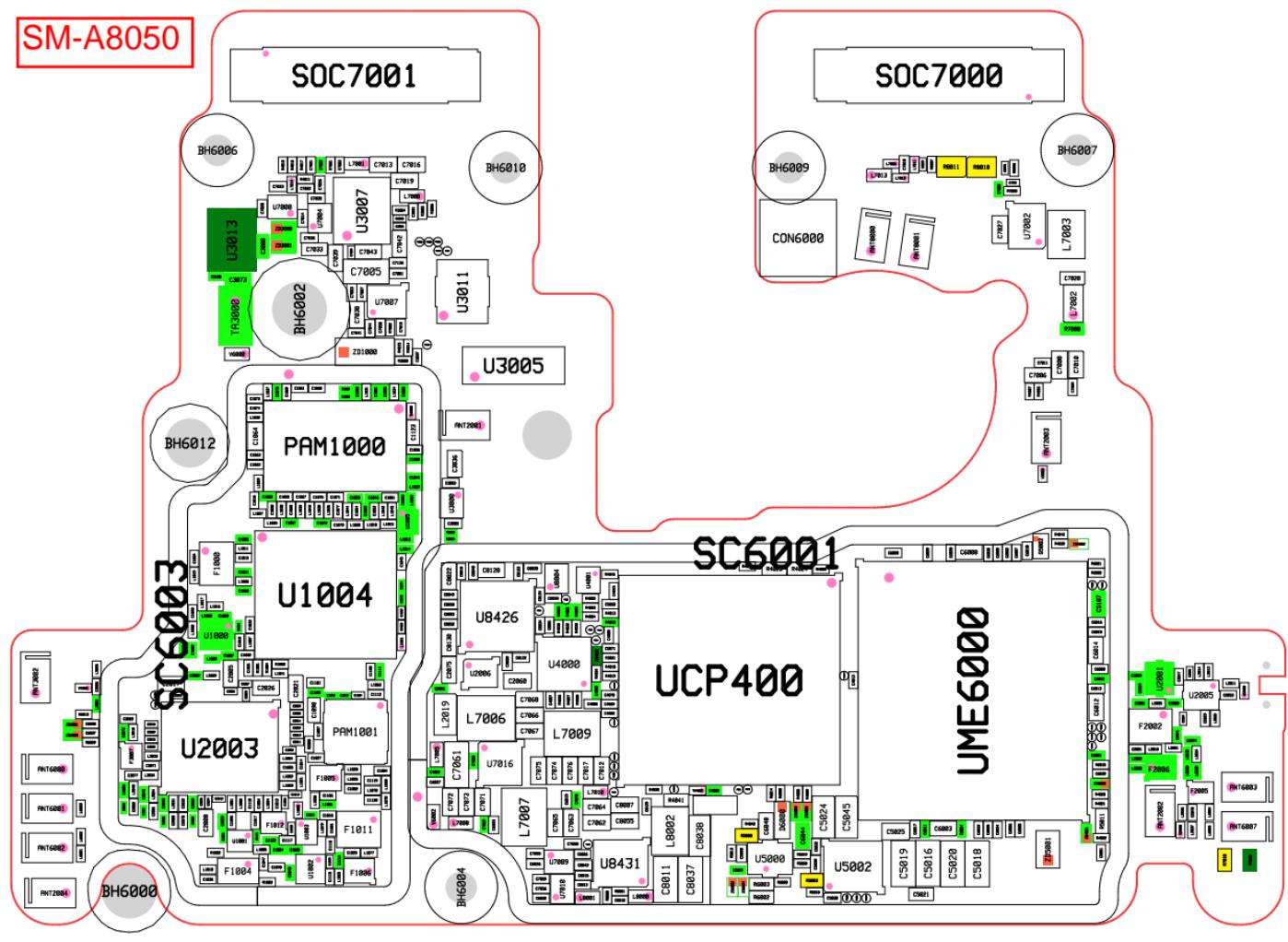
SM-A805F



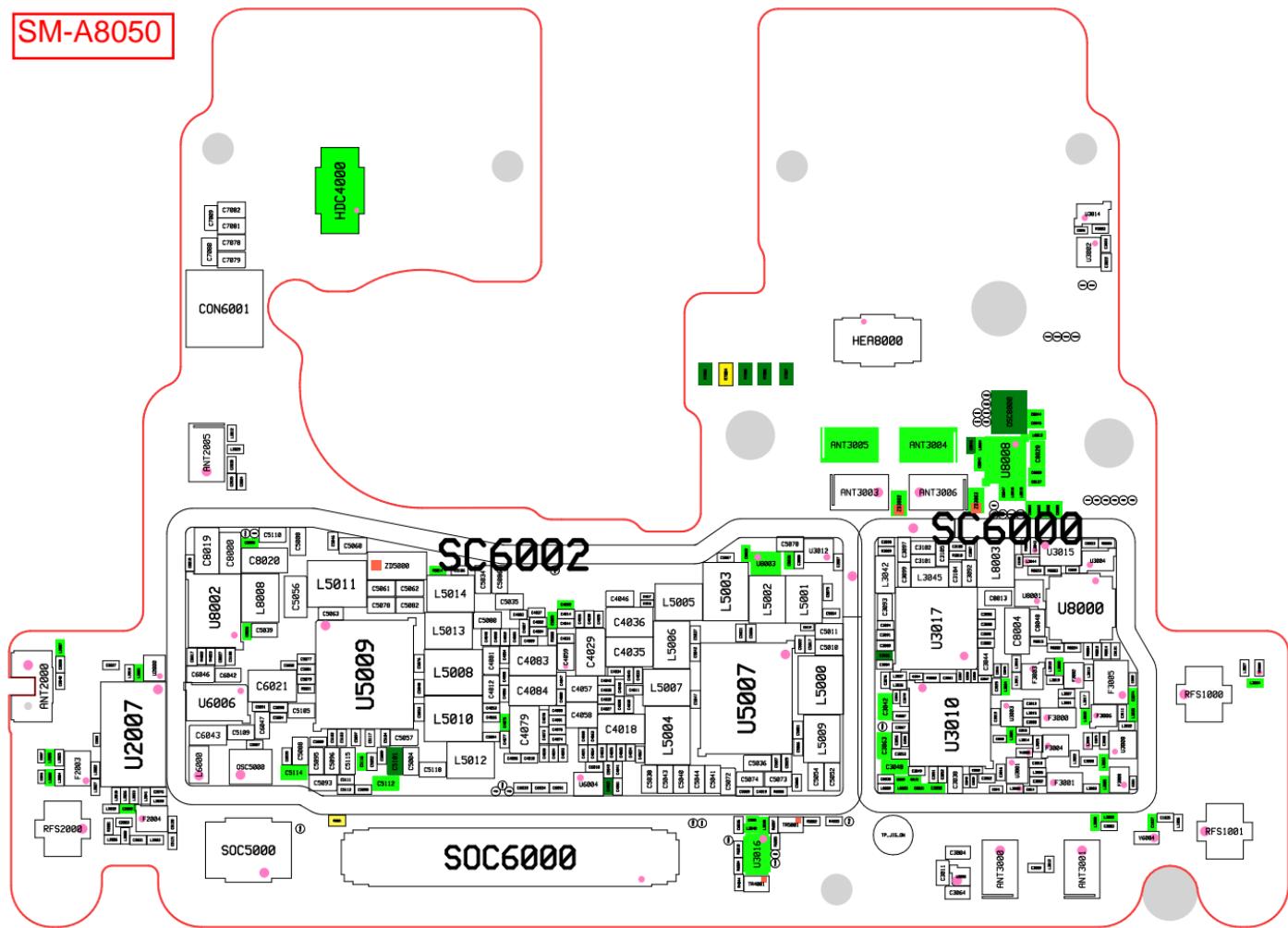


SM-A8050

SOC7001

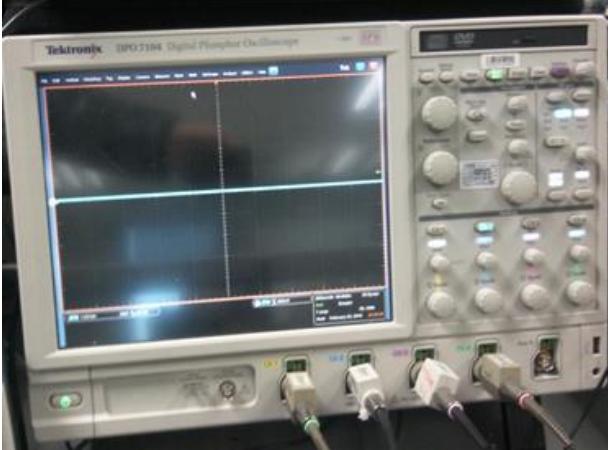
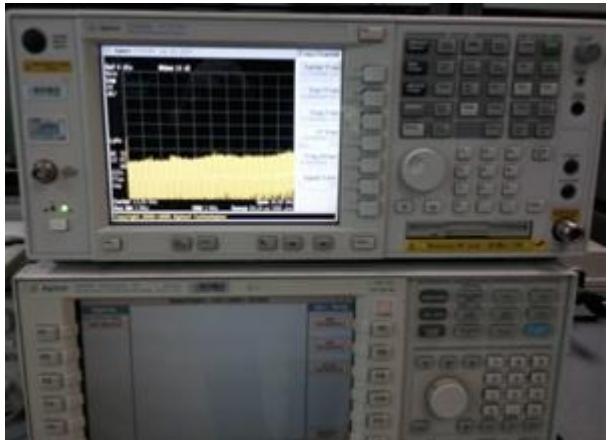


SM-A8050



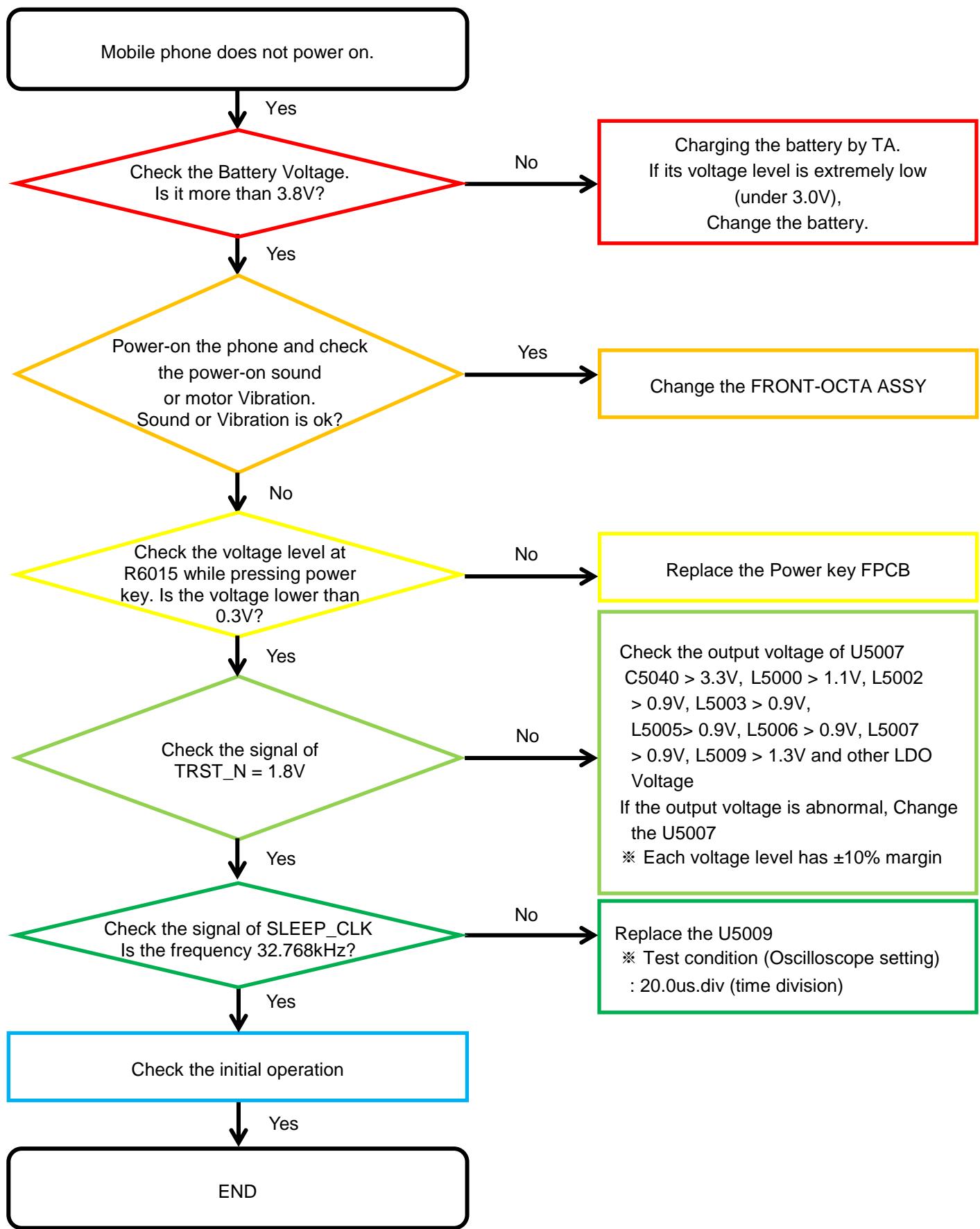
8. Level 3 Repair

8-3. Flow chart of Troubleshooting.

	
Oscilloscope	Digital Multimeter
	
Power Supply	+Y driver, ESD Safe Tweezer
	
8960 & Spectrum Analyzer	Soldering iron

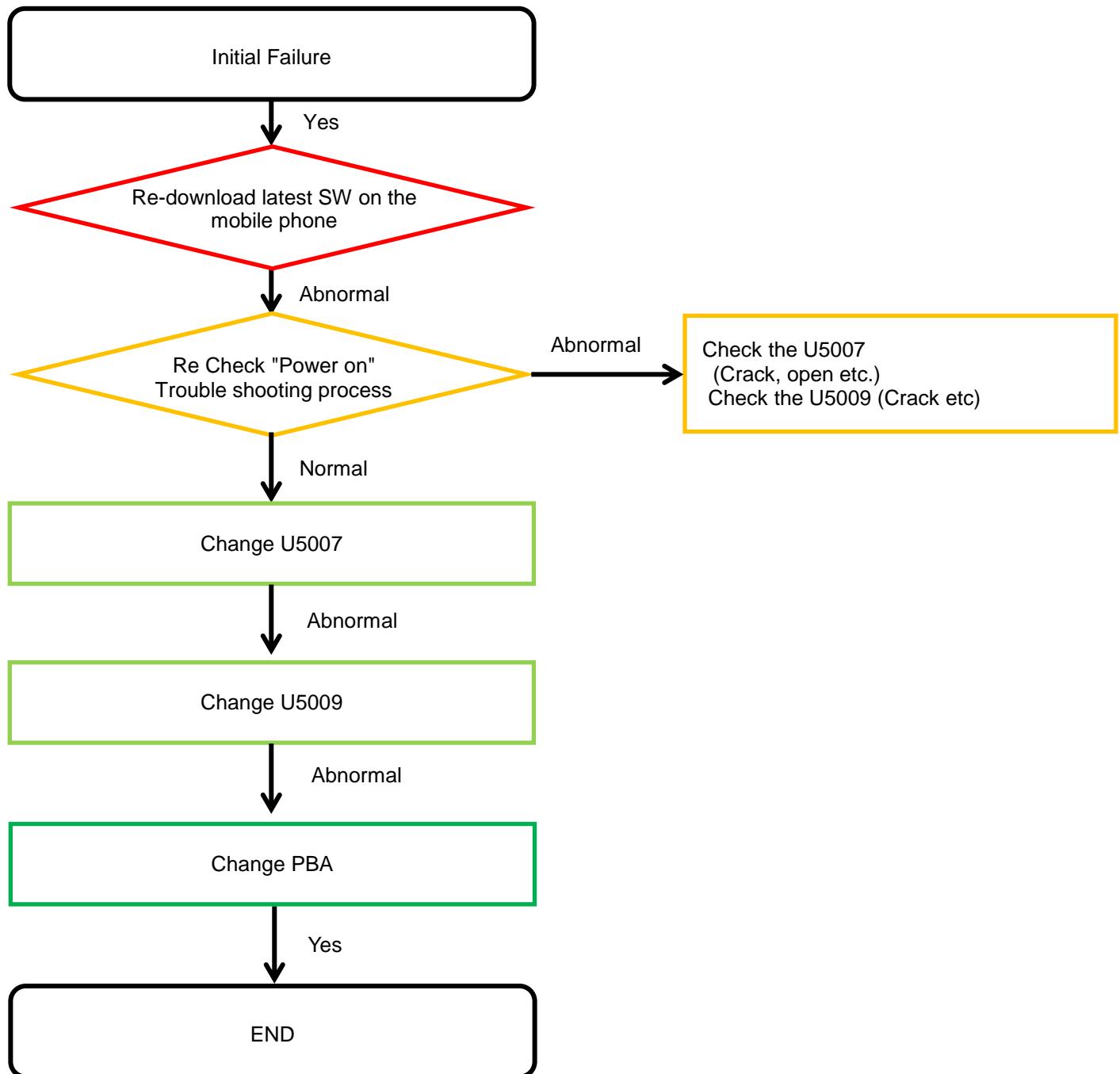
8. Level 3 Repair

8-4-1. Power On



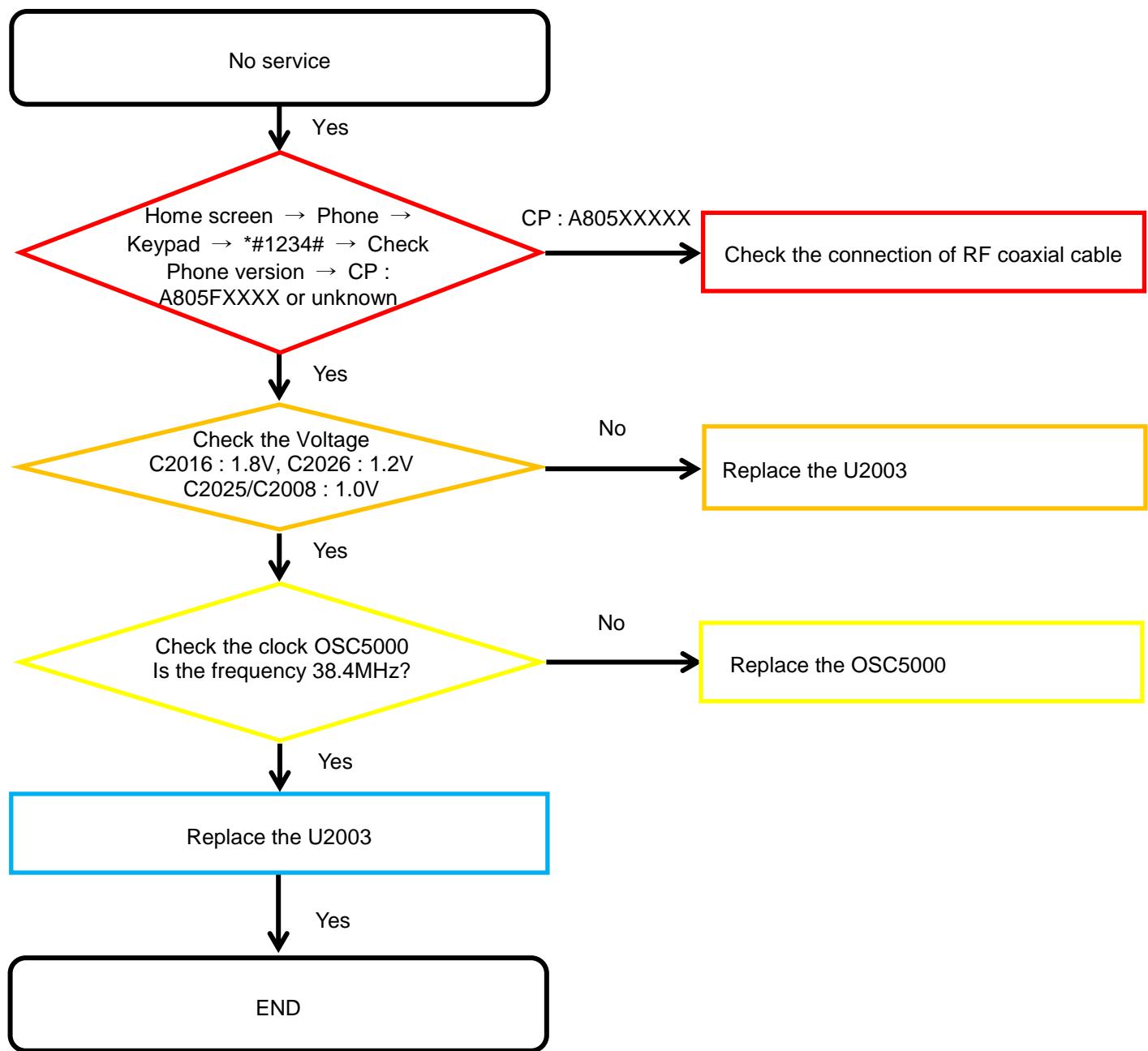
8. Level 3 Repair

8-4-2. Initial



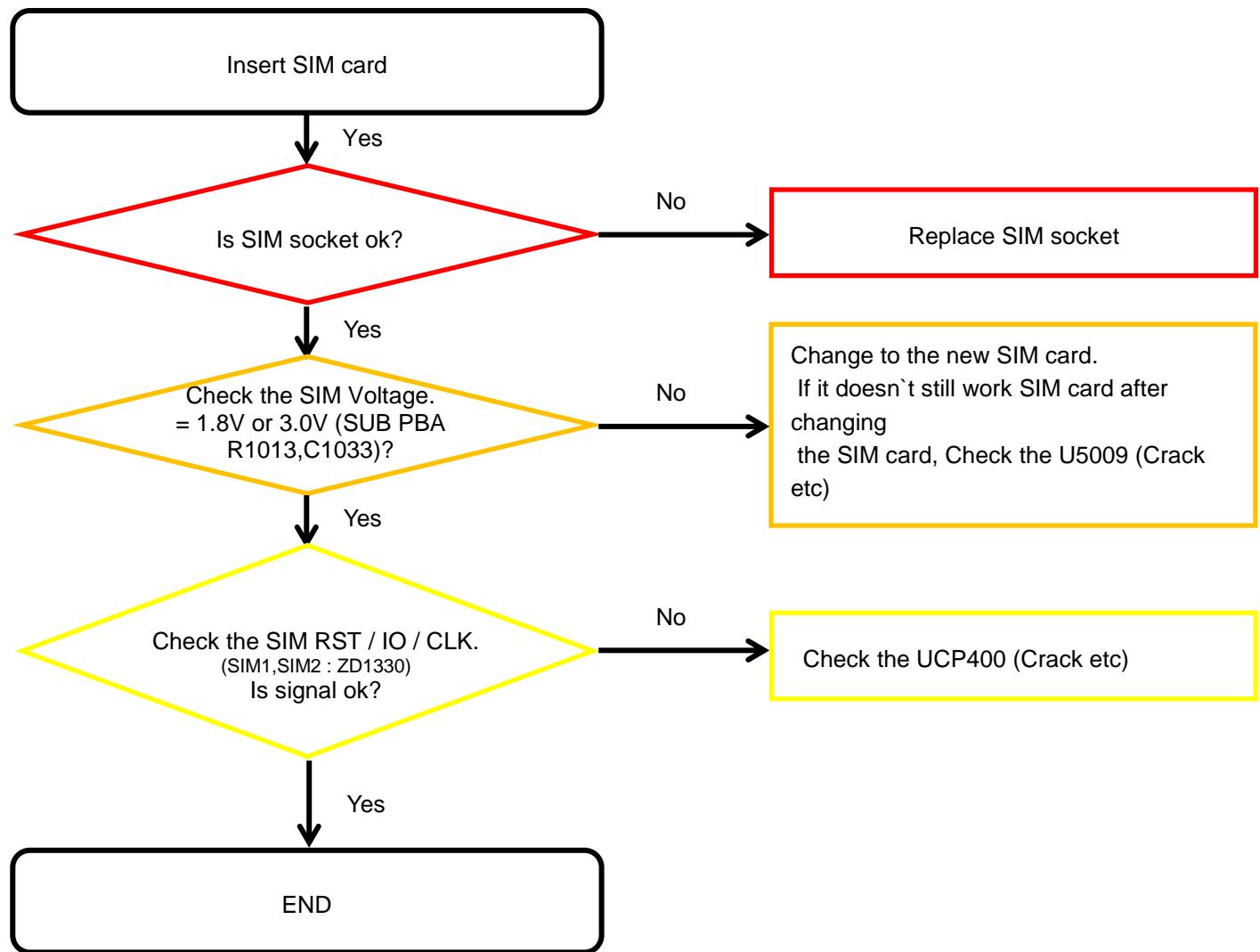
8. Level 3 Repair

8-4-3. No Service



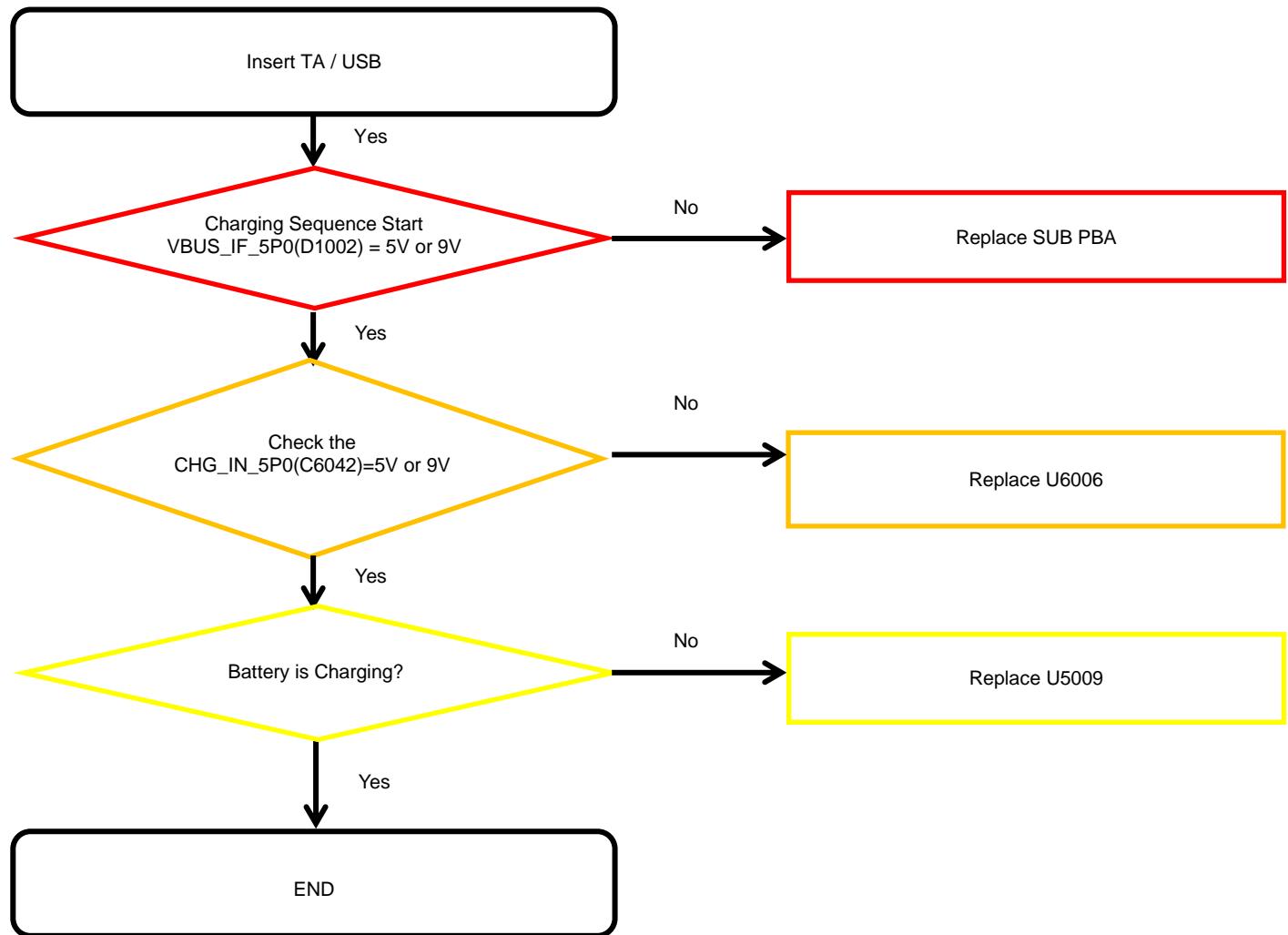
8. Level 3 Repair

8-4-4. SIM Part



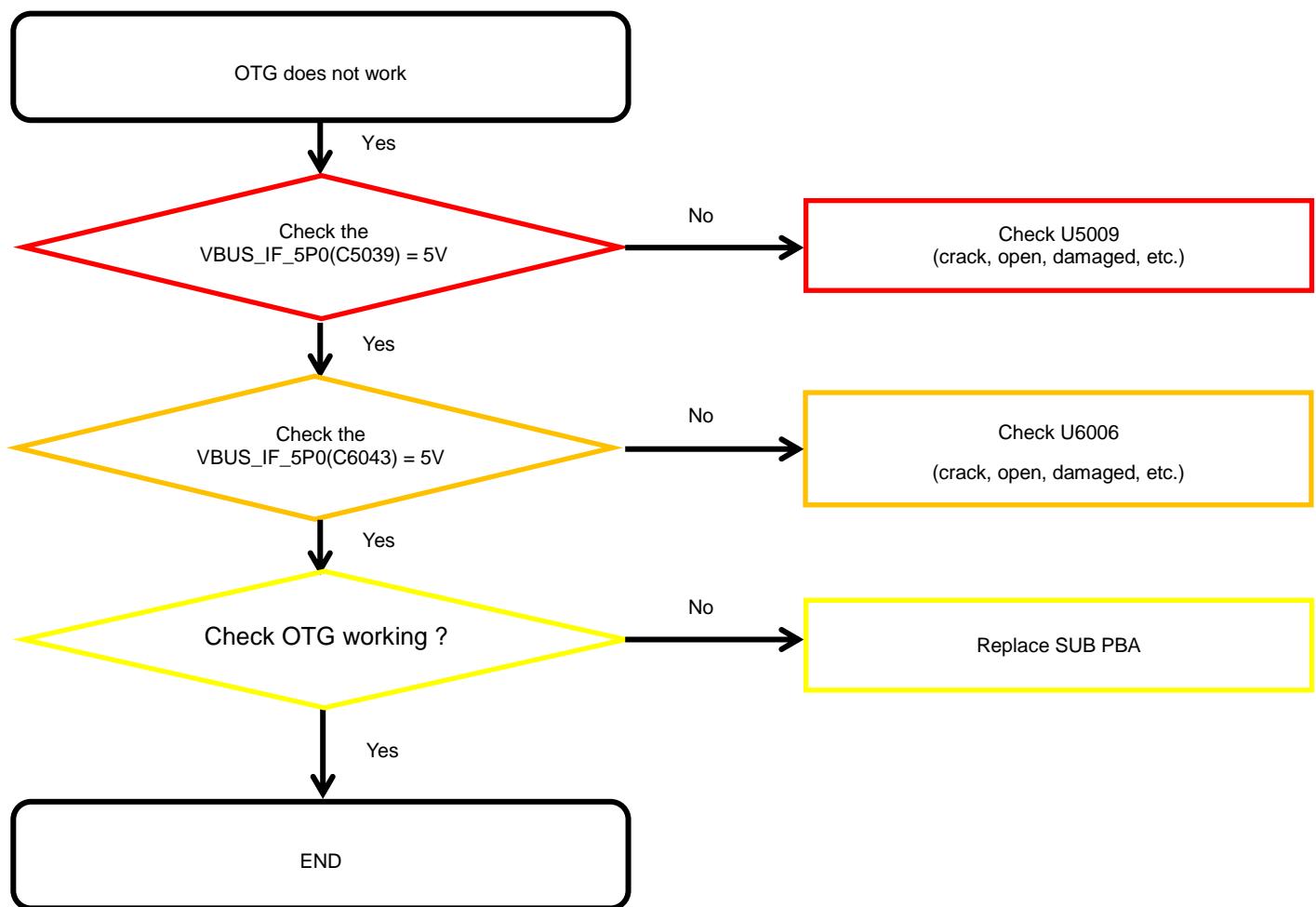
8. Level 3 Repair

8-4-5. Cable Charging Part



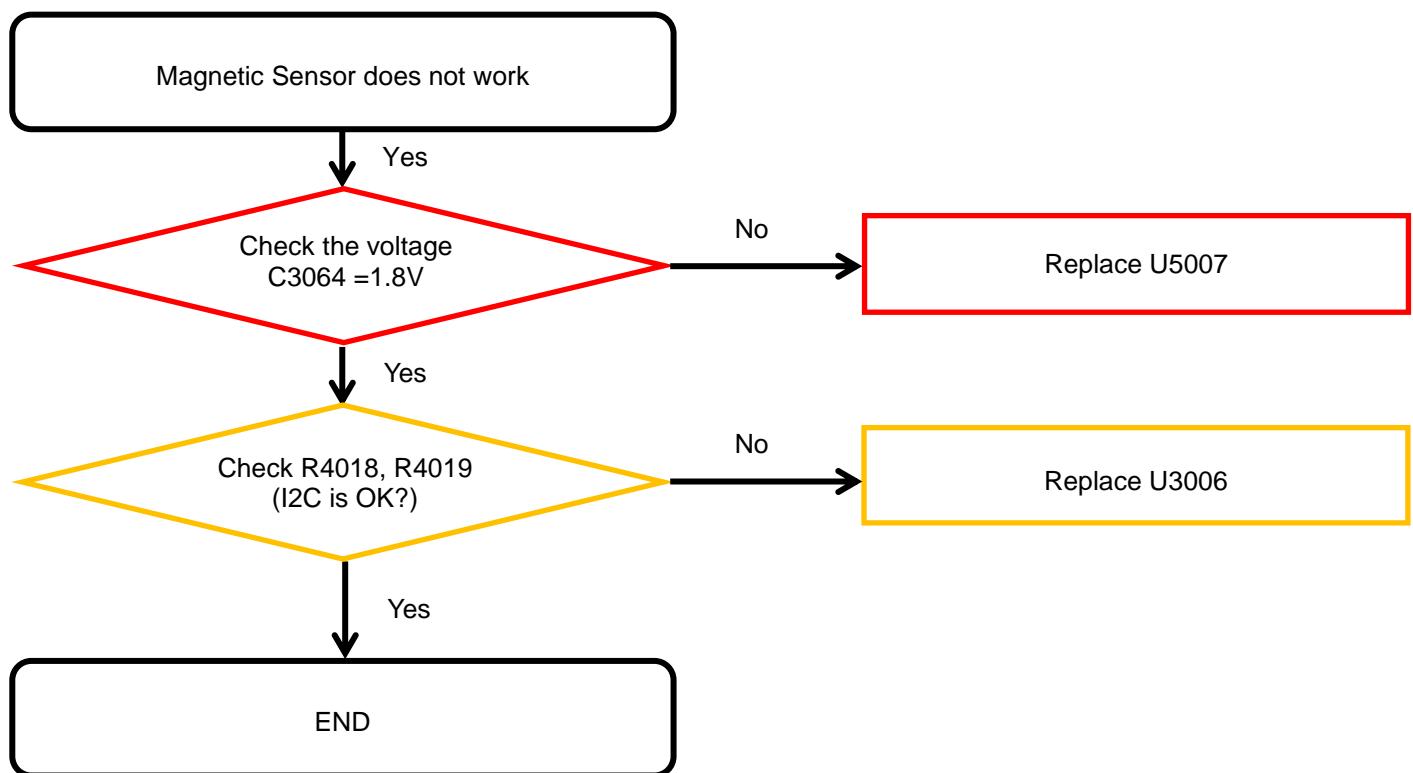
8. Level 3 Repair

8-4-6. OTG



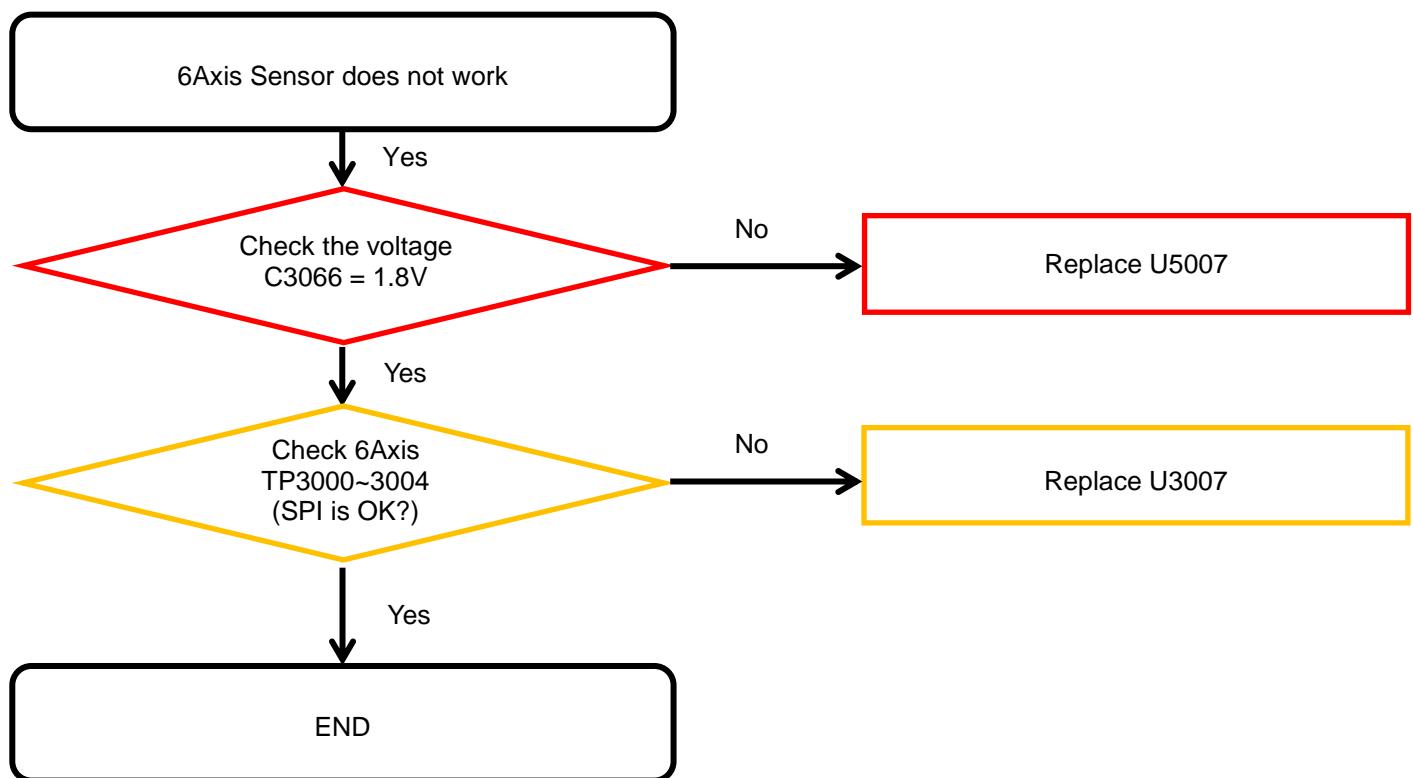
8. Level 3 Repair

8-4-7-1. Magnetic Sensor



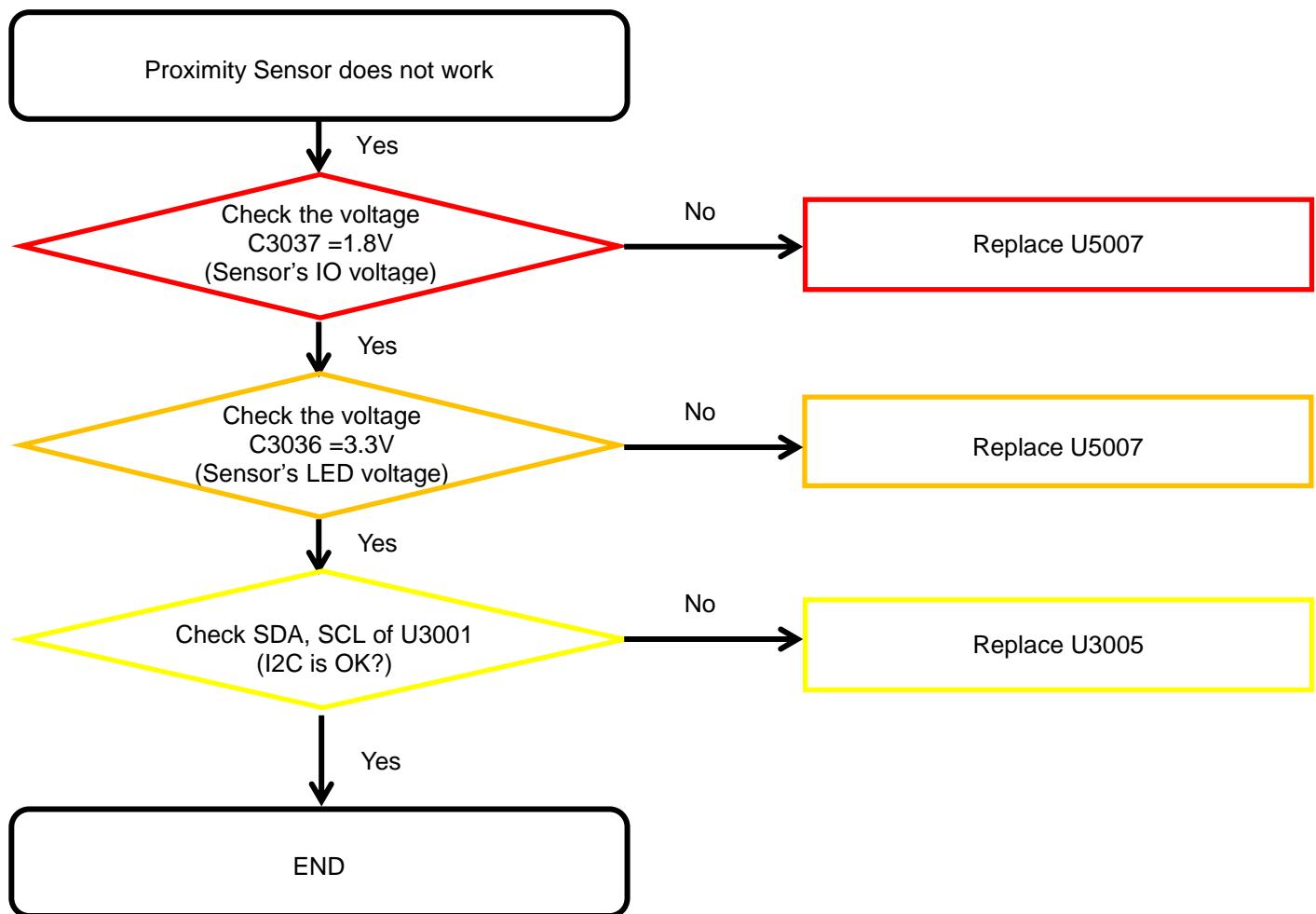
8. Level 3 Repair

8-4-7-2. 6Axis Sensor



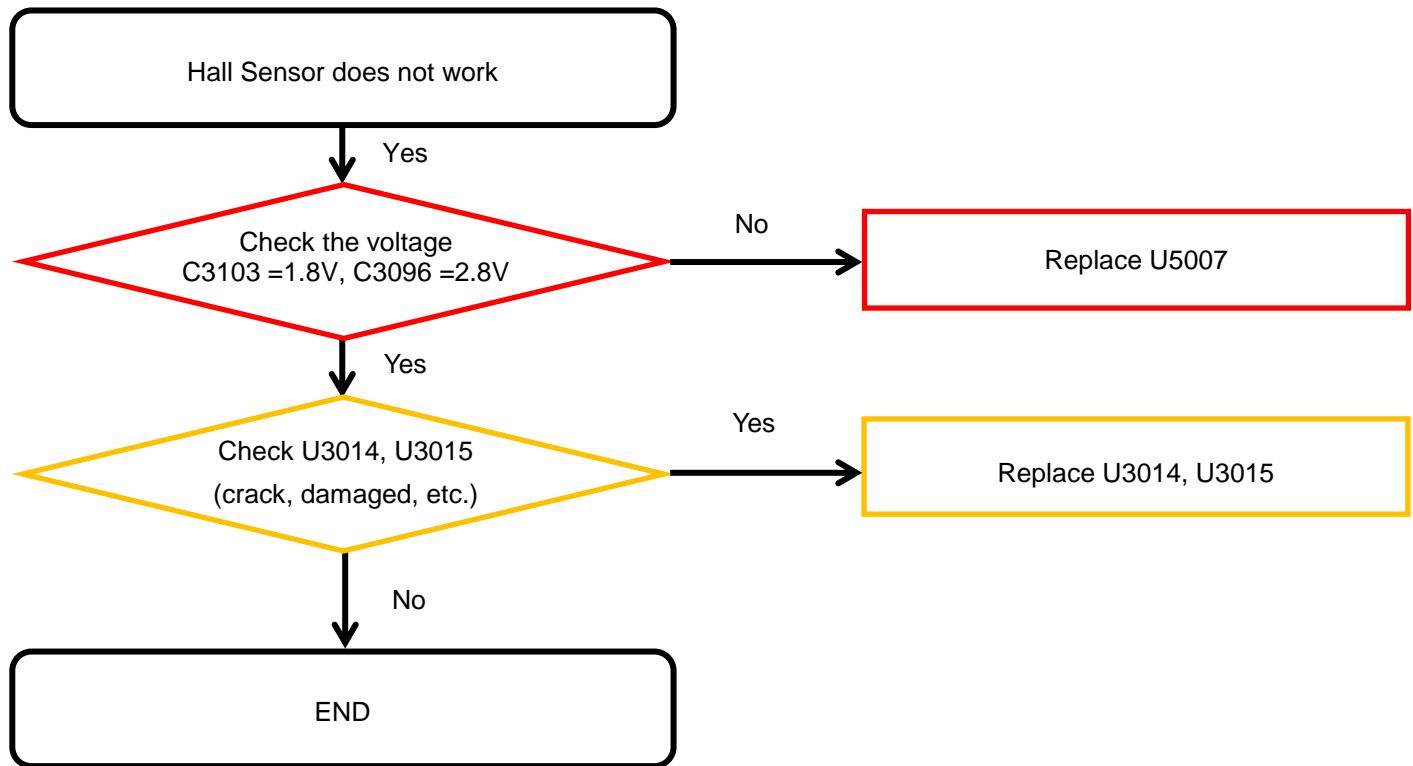
8. Level 3 Repair

8-4-7-3. Proximity



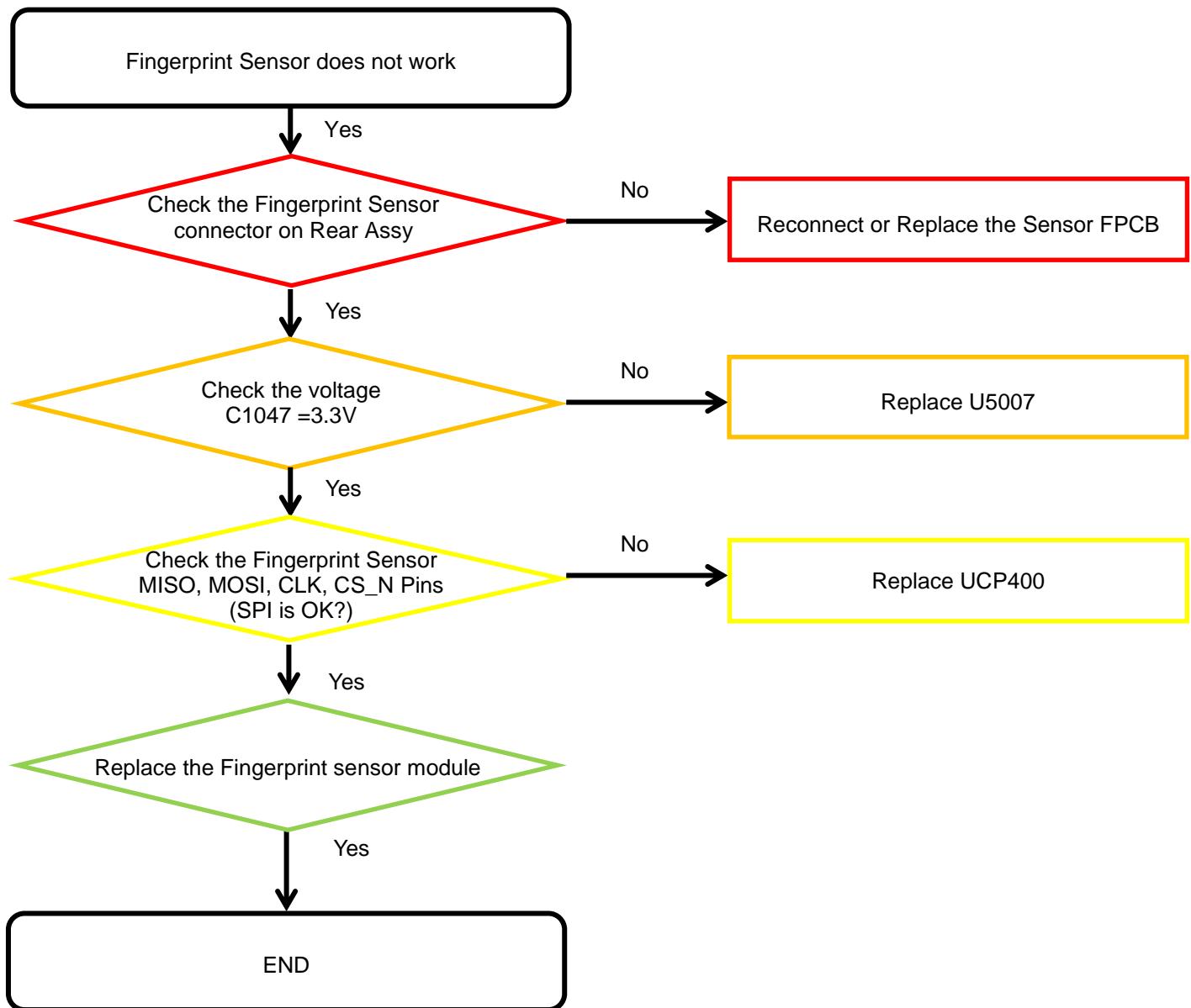
8. Level 3 Repair

8-4-7-4. Hall Sensor



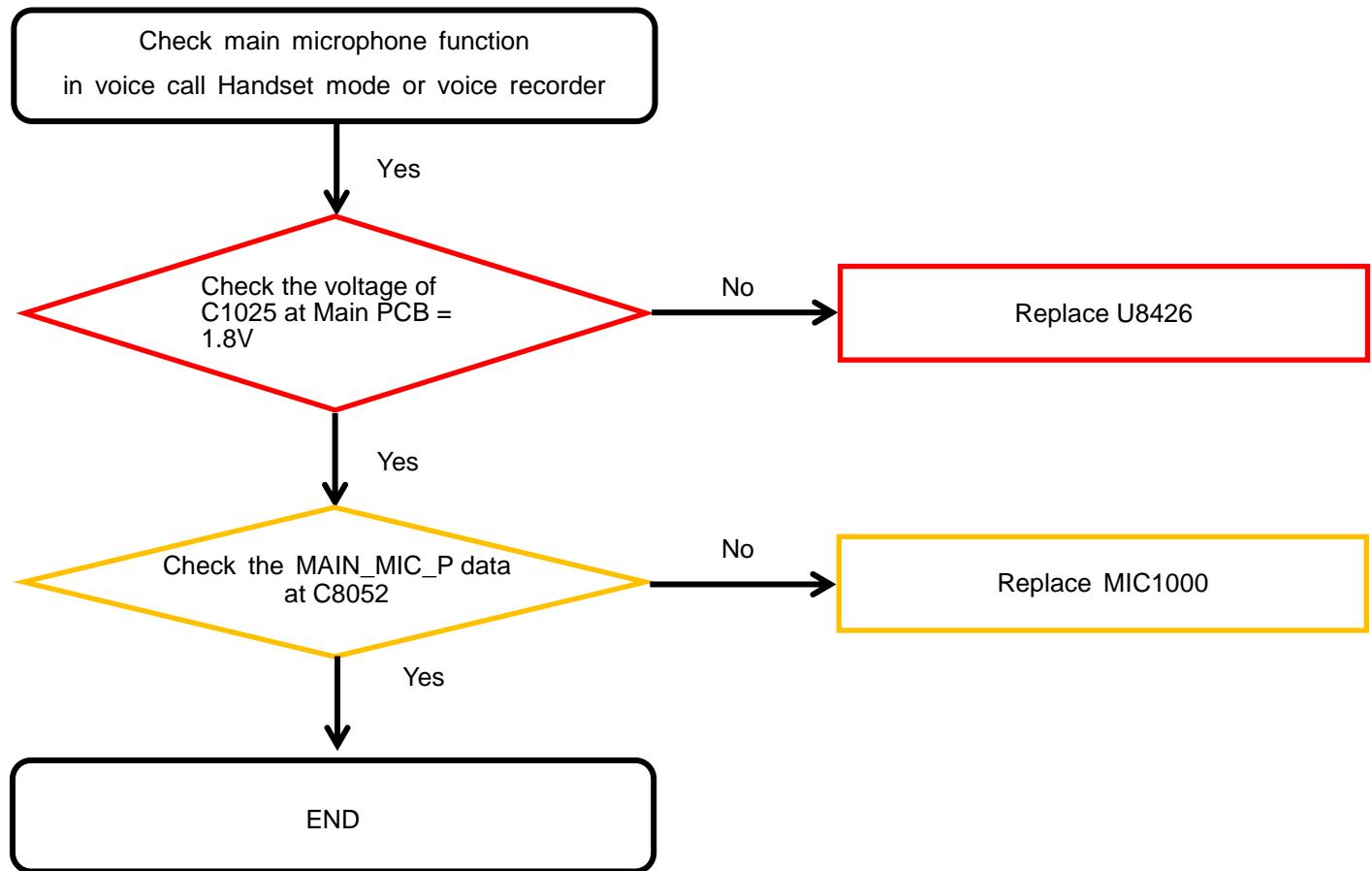
8. Level 3 Repair

8-4-7-5. Fingerprint Sensor



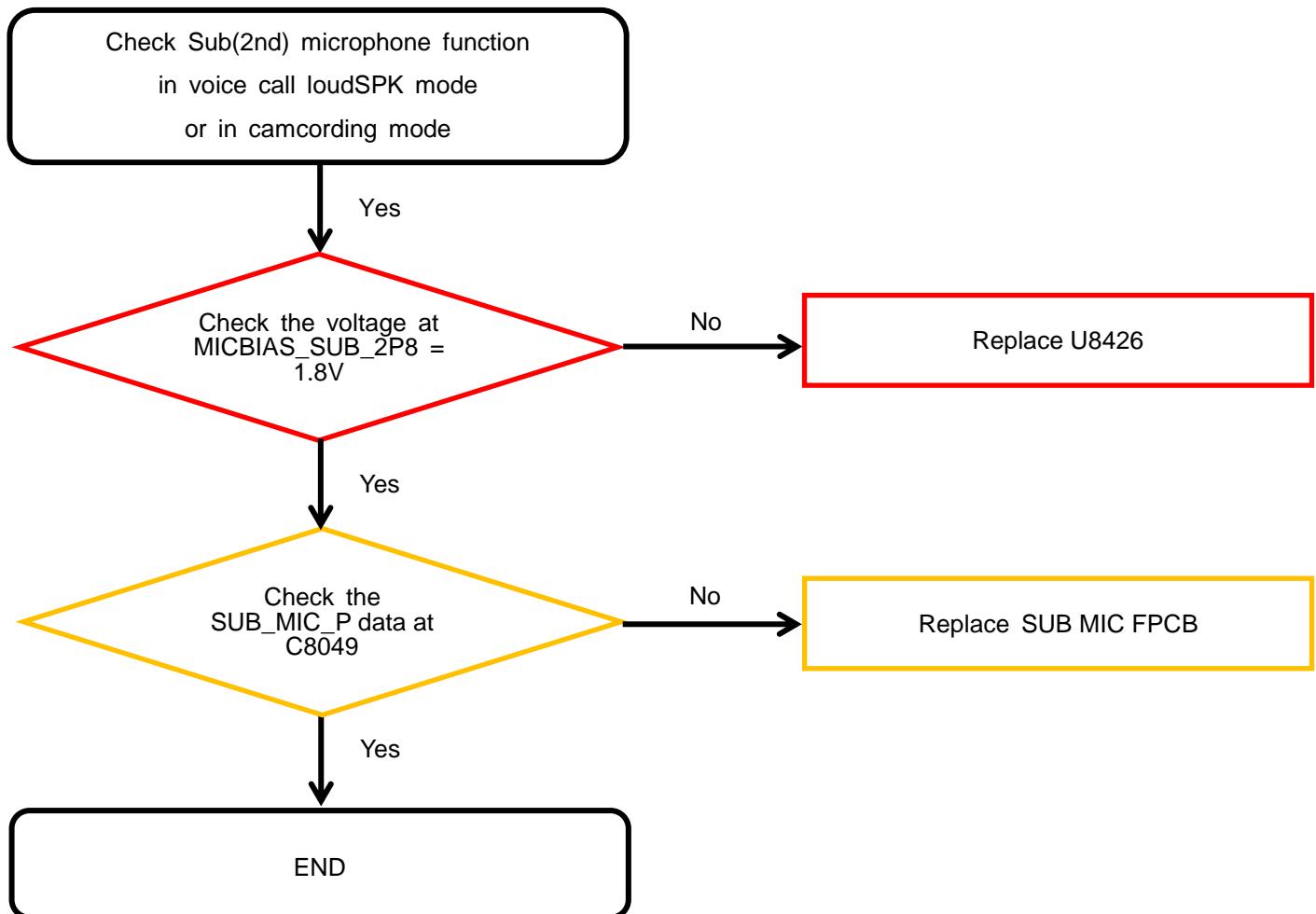
8. Level 3 Repair

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



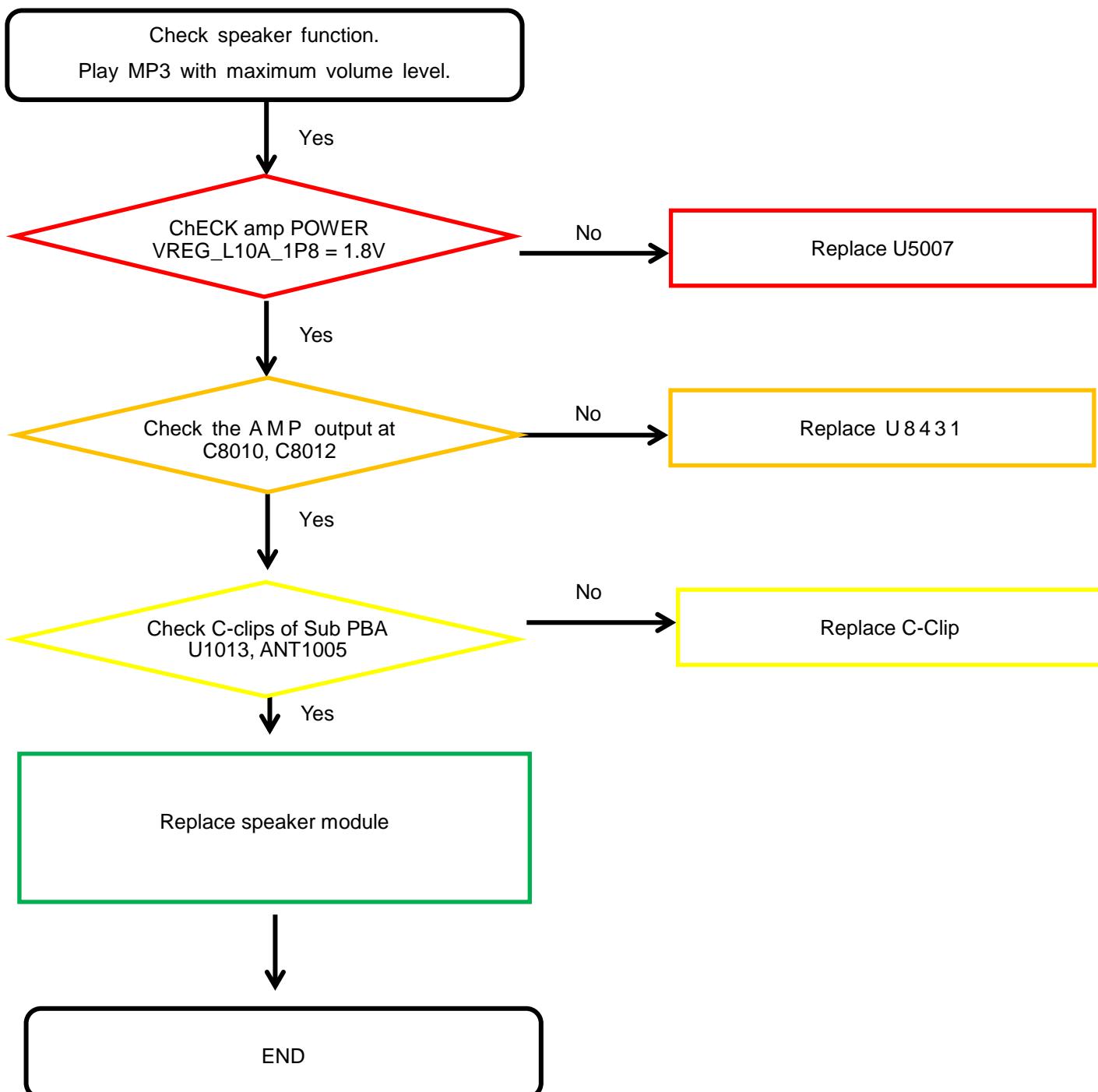
8. Level 3 Repair

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



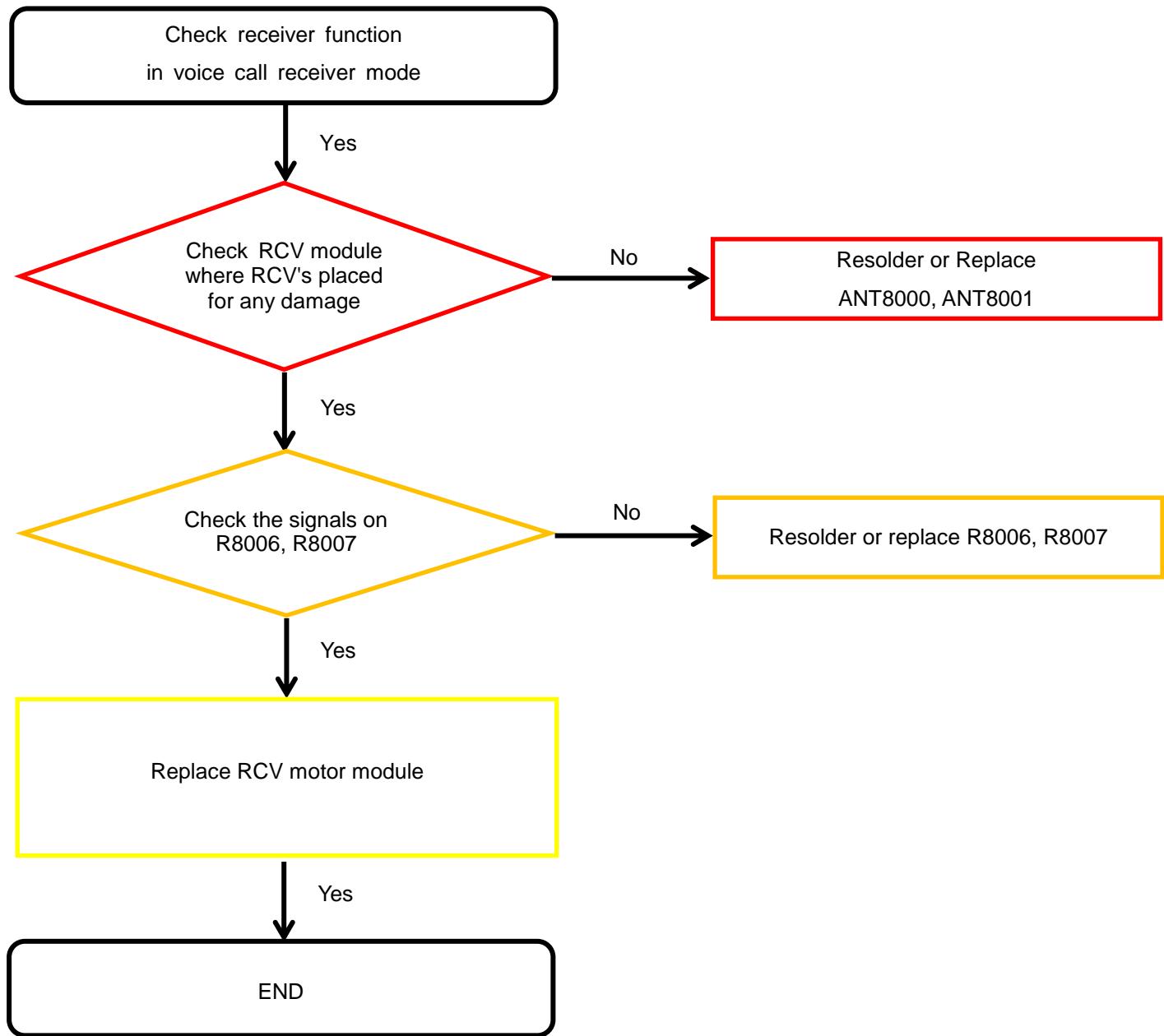
8. Level 3 Repair

8-4-9. Speaker Part



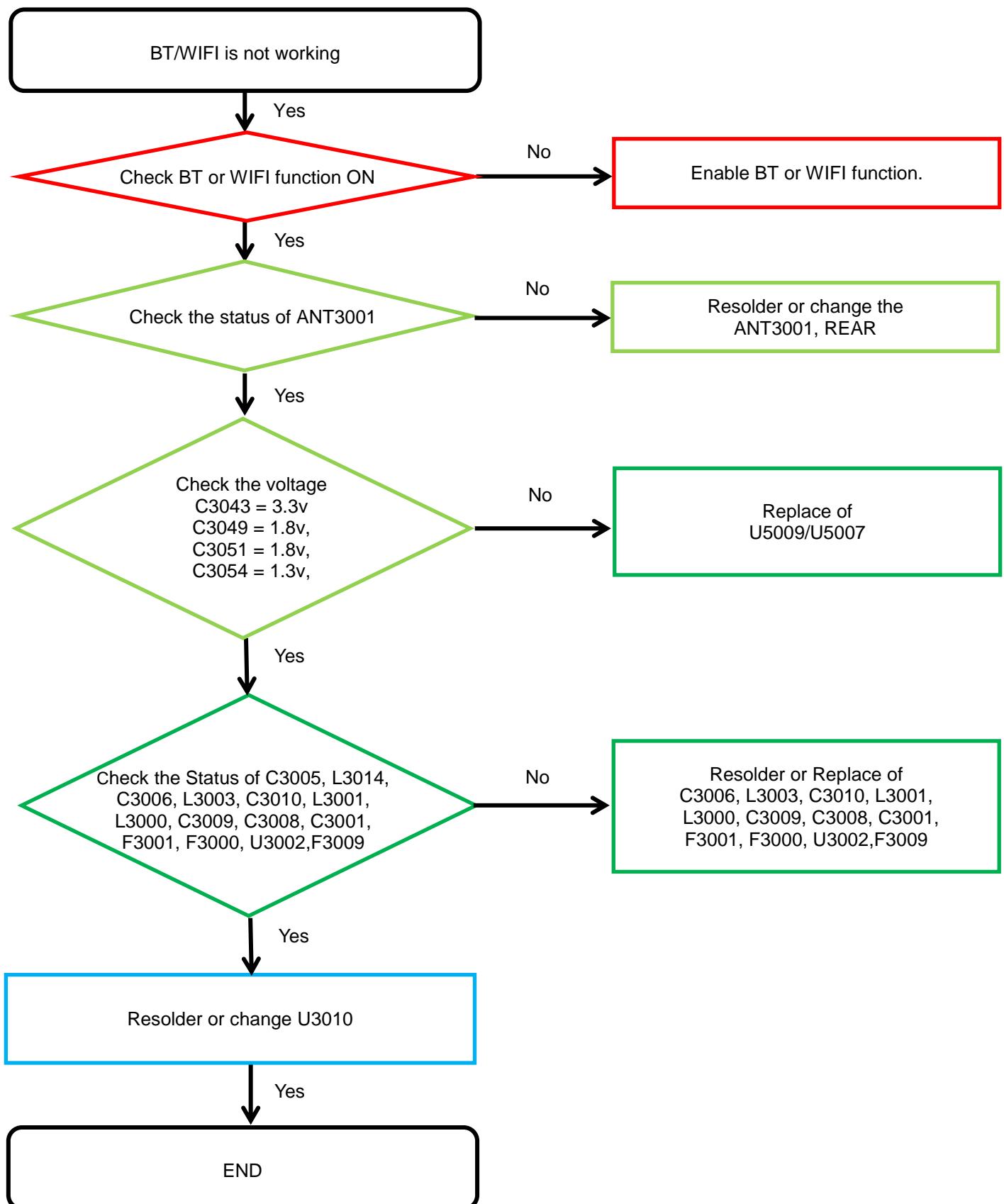
8. Level 3 Repair

8-4-10. Receiver Part / Vibration Motor



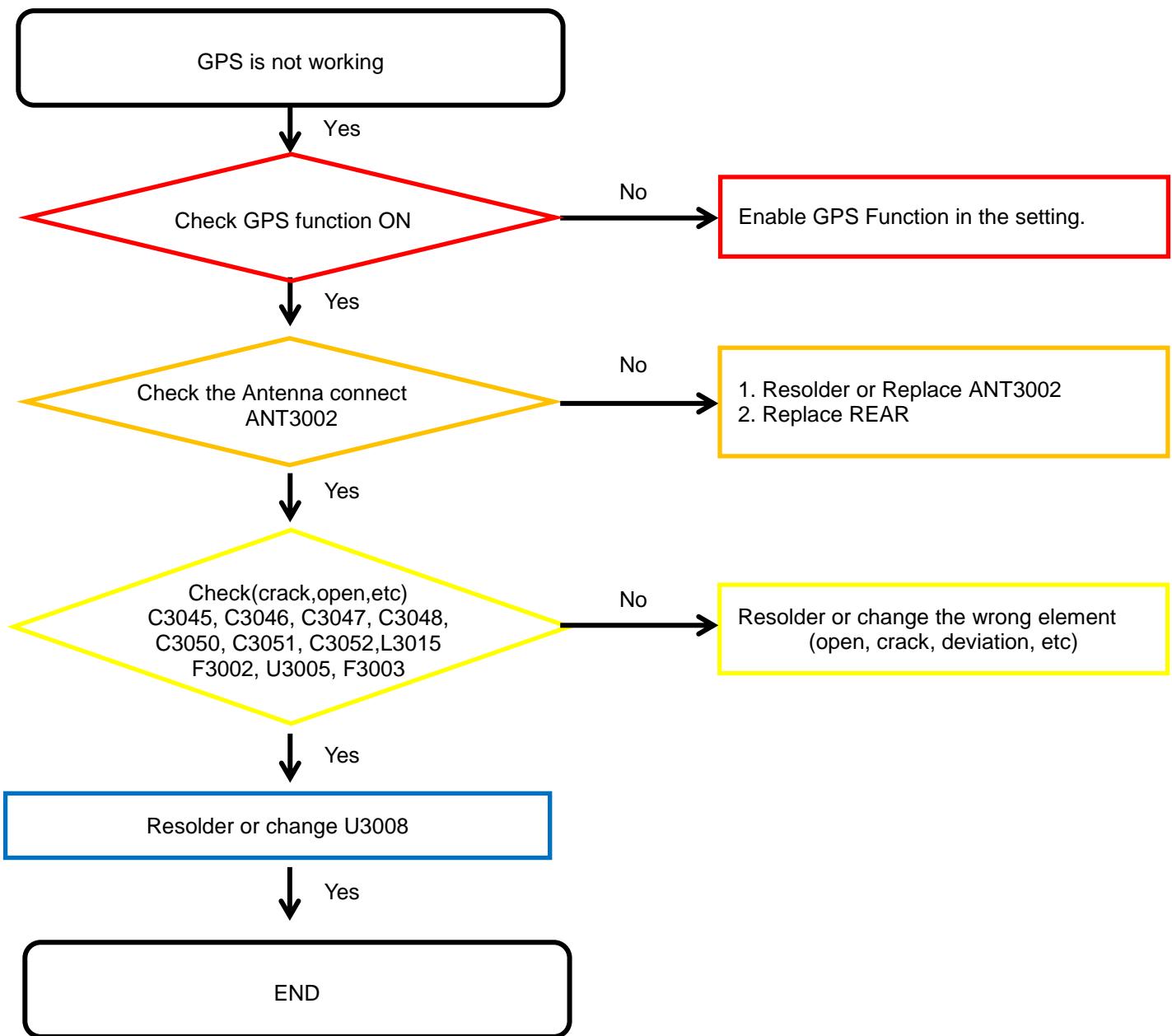
8. Level 3 Repair

8-4-11. BT/WIFI



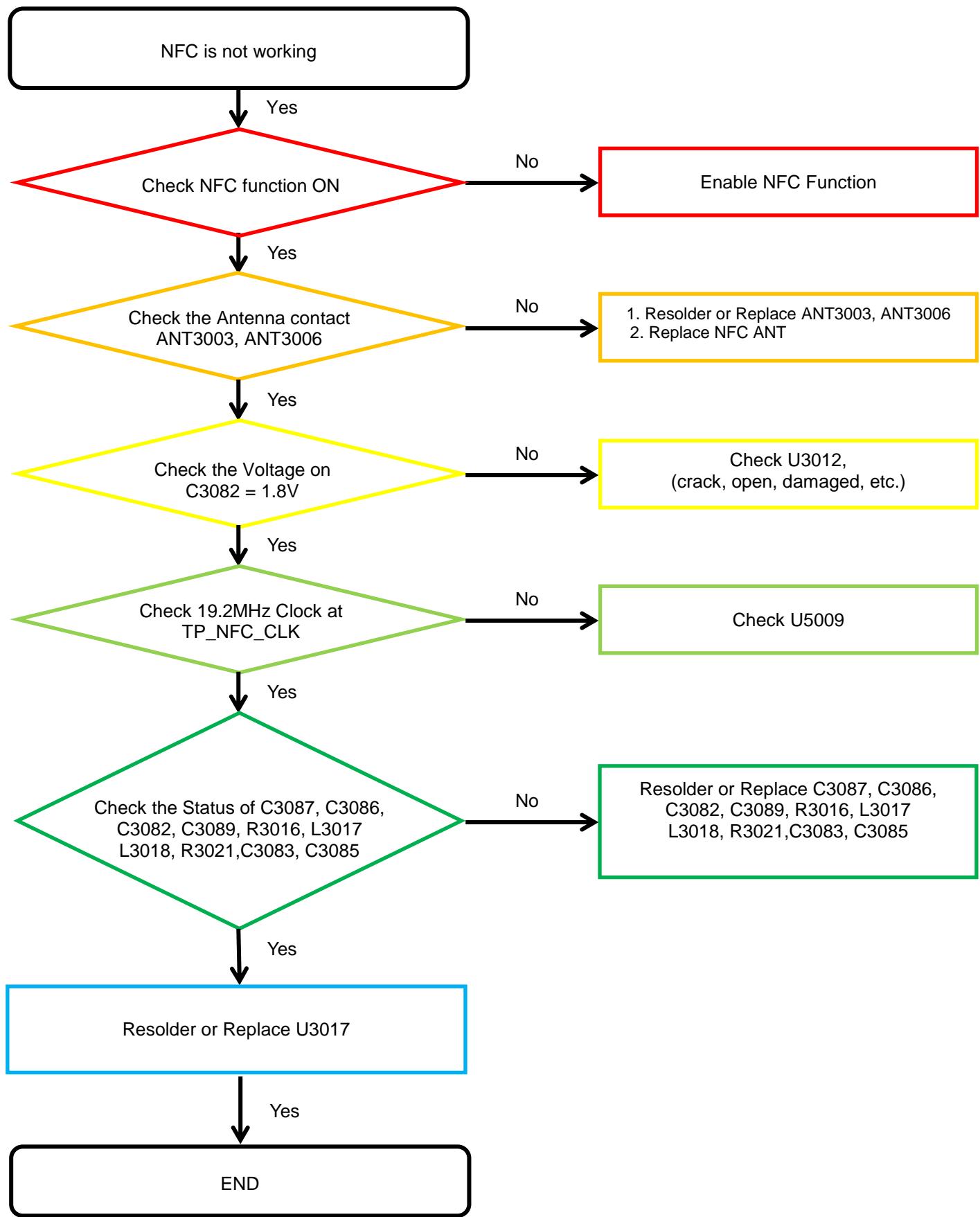
8. Level 3 Repair

8-4-12. GPS



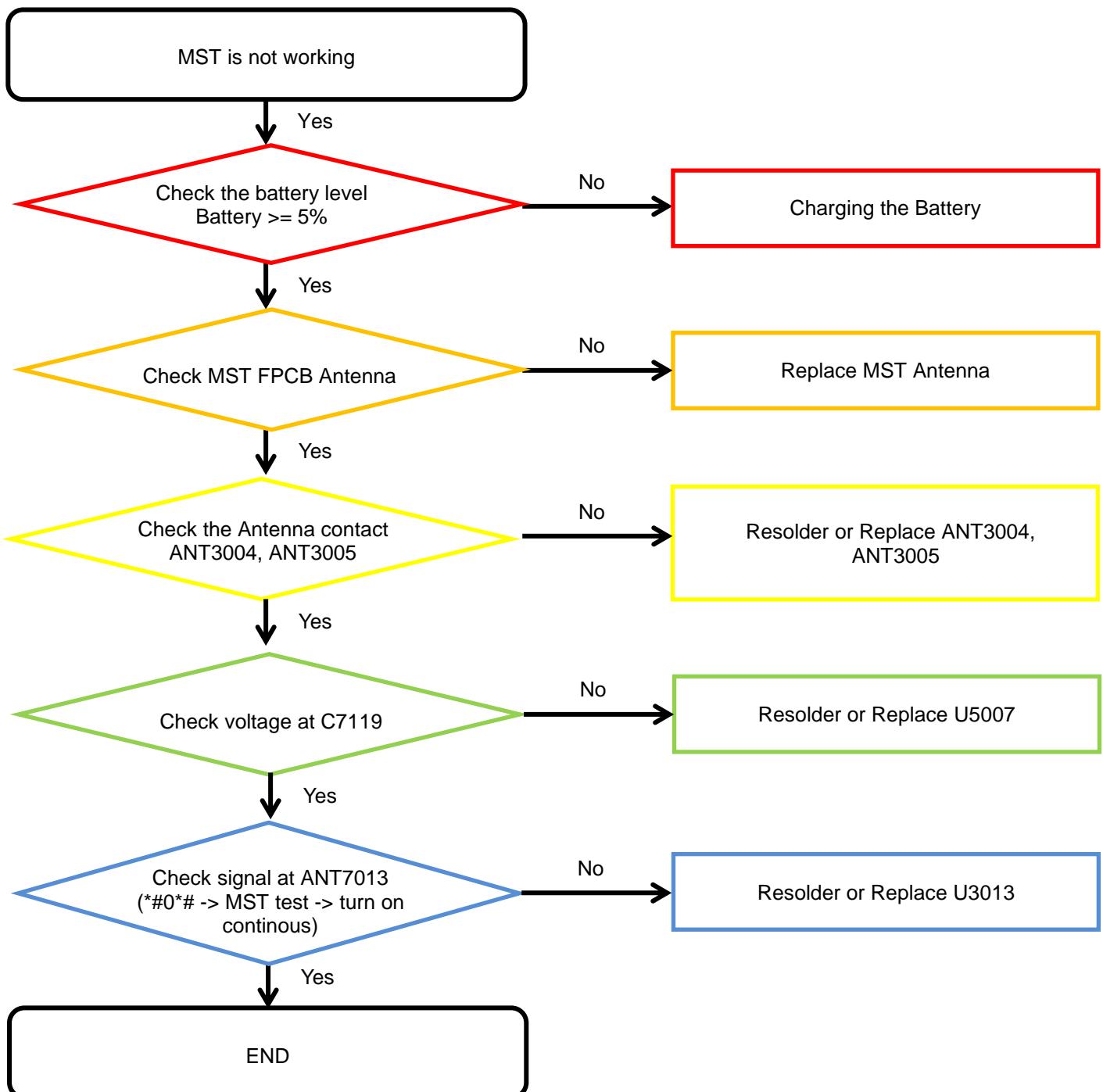
8. Level 3 Repair

8-4-13. NFC



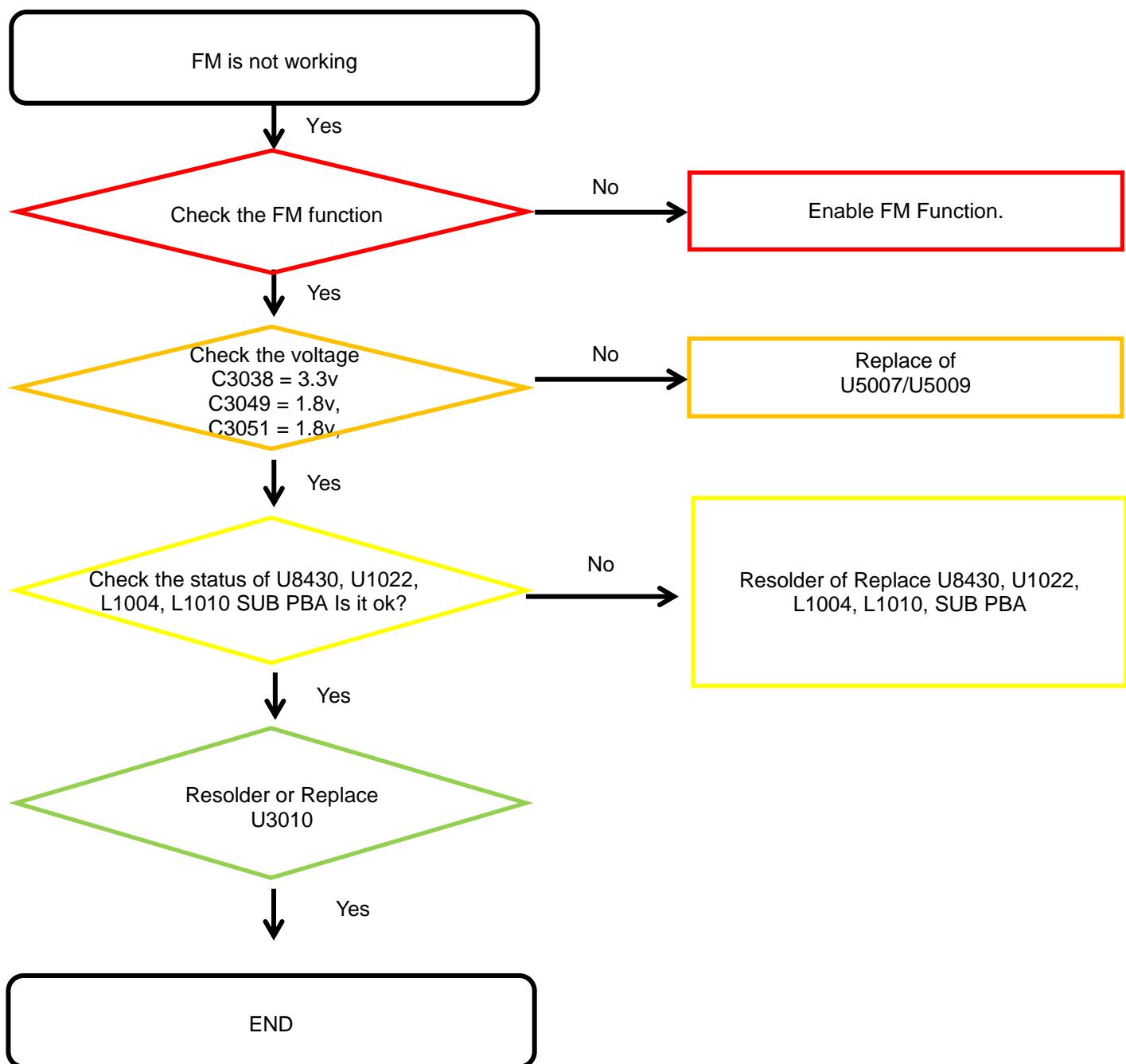
8. Level 3 Repair

8-4-14. MST



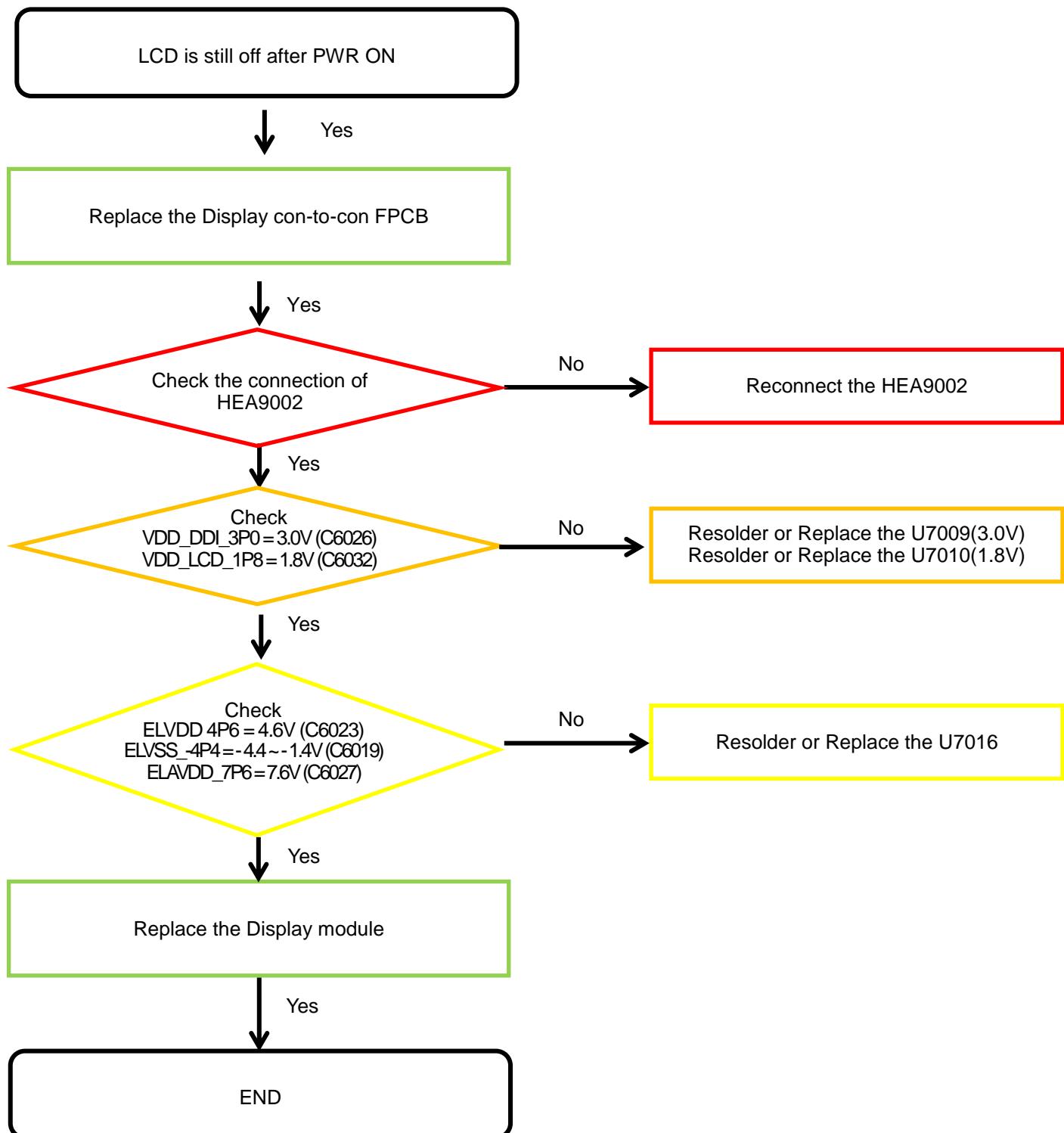
8. Level 3 Repair

8-4-15. FM radio part



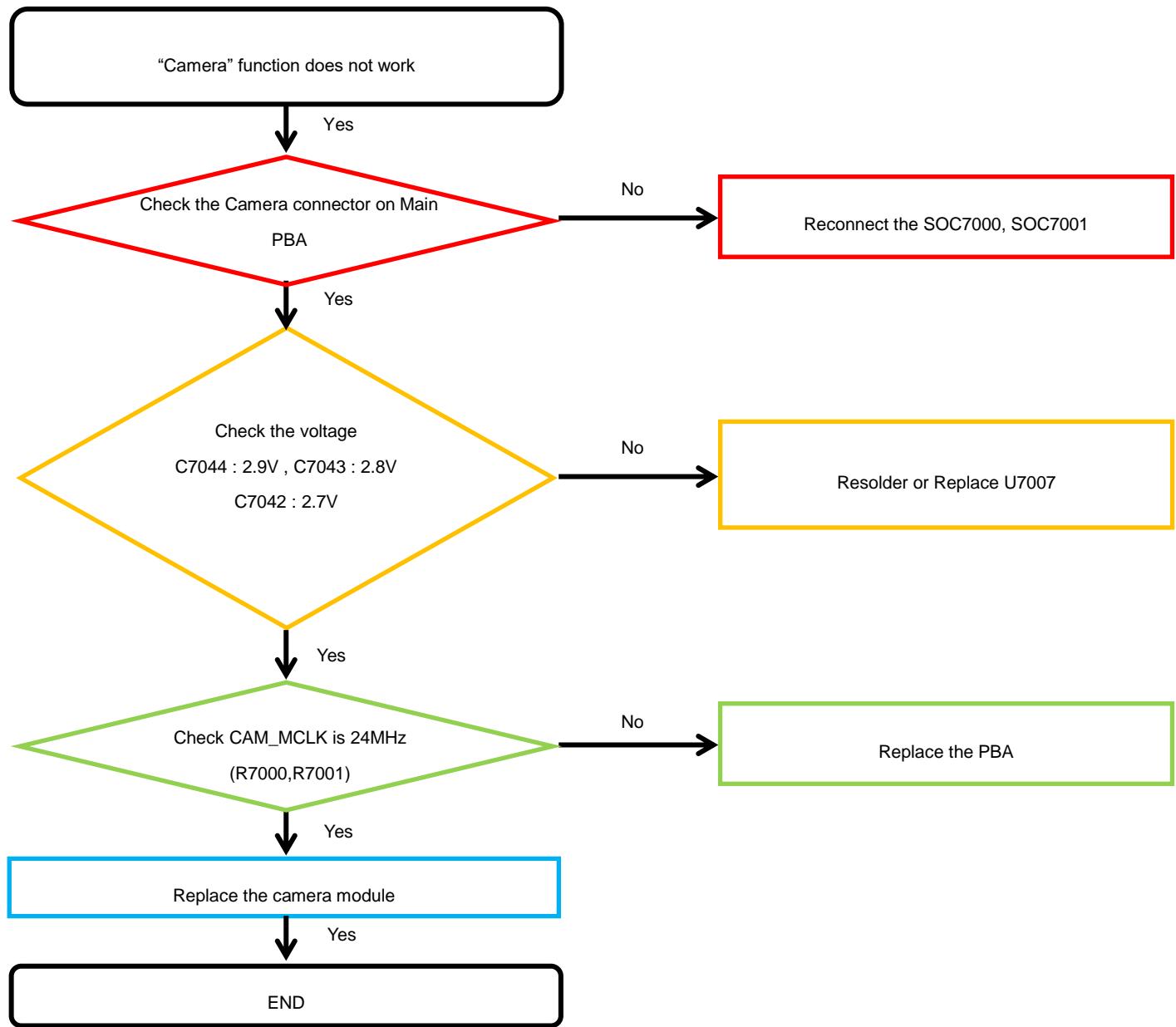
8. Level 3 Repair

8-4-16. Display



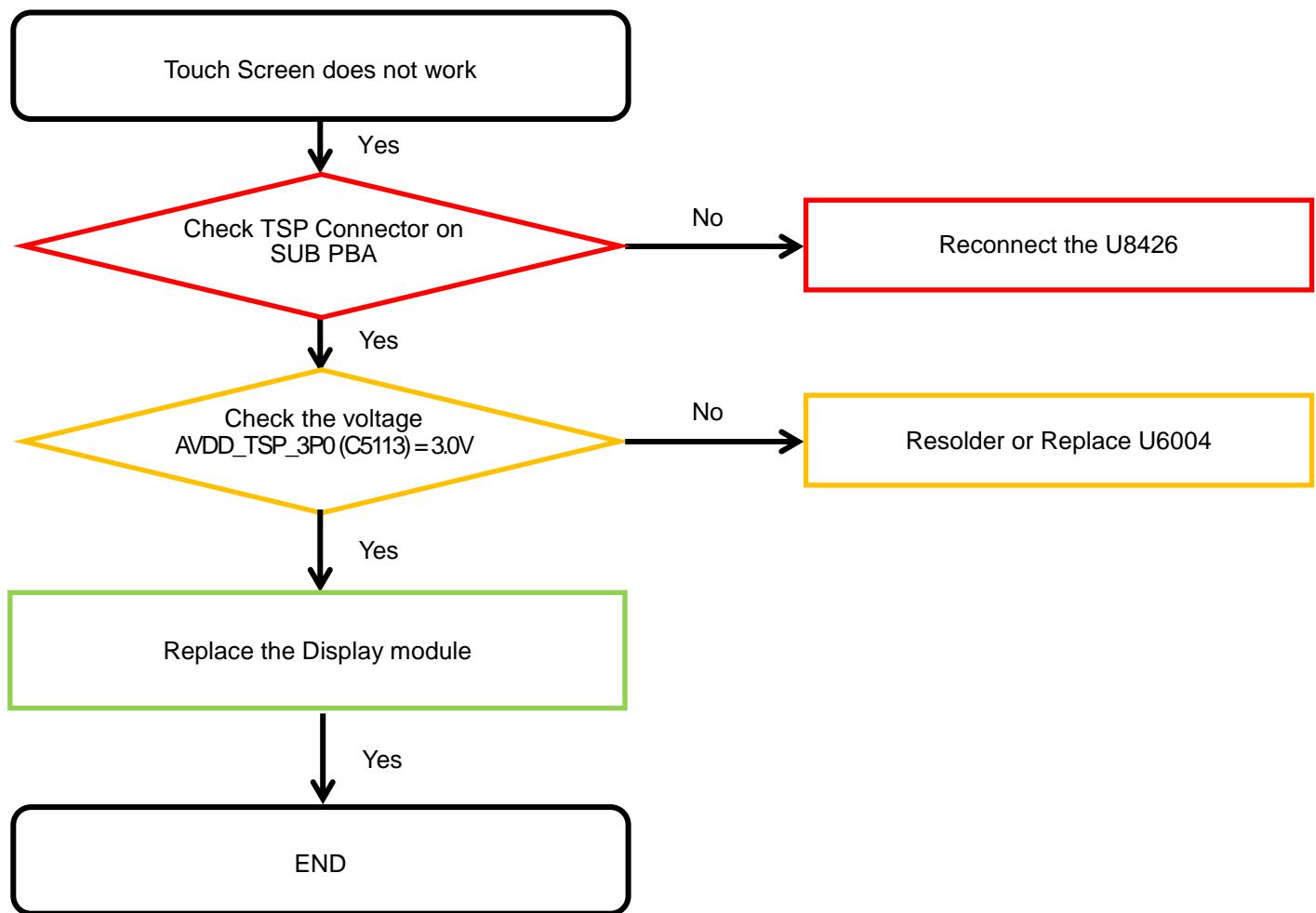
8. Level 3 Repair

8-4-17. Triple Camera



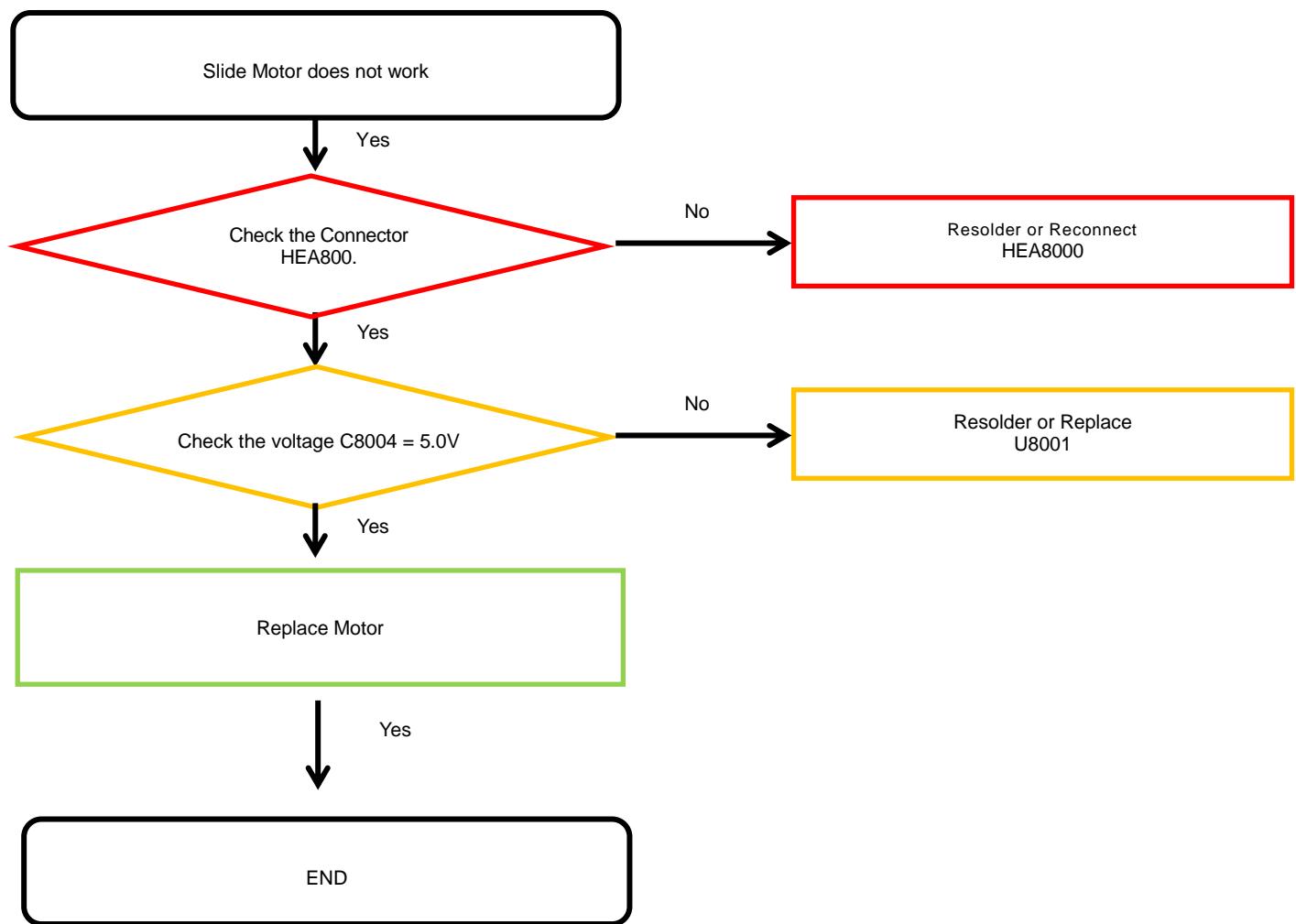
8. Level 3 Repair

8-4-18. TSP



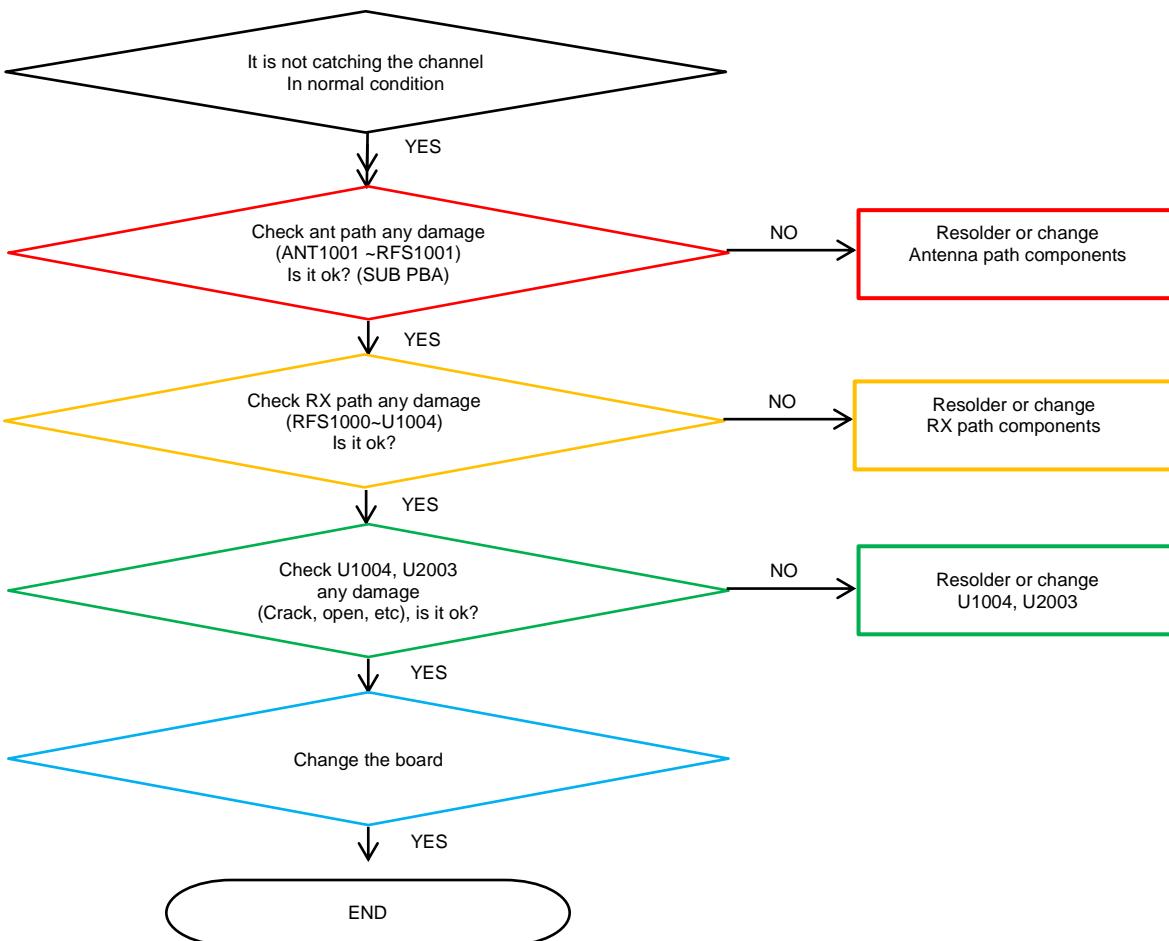
8. Level 3 Repair

8-4-19. Slide motor



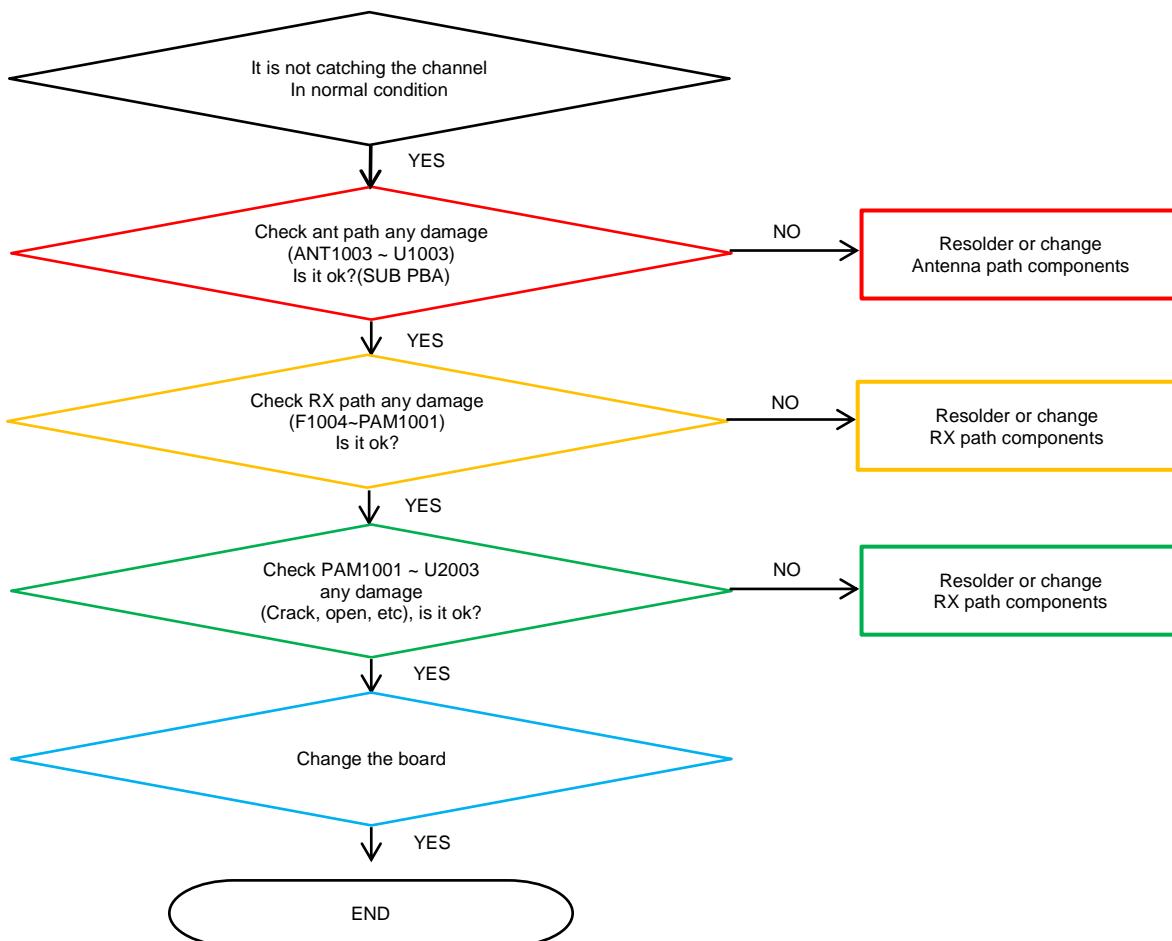
8. Level 3 Repair

8-4-20. GSM 850/900/, WCDMA B5/8, LTE B5/8/12/13/17/20/26/28 PRx



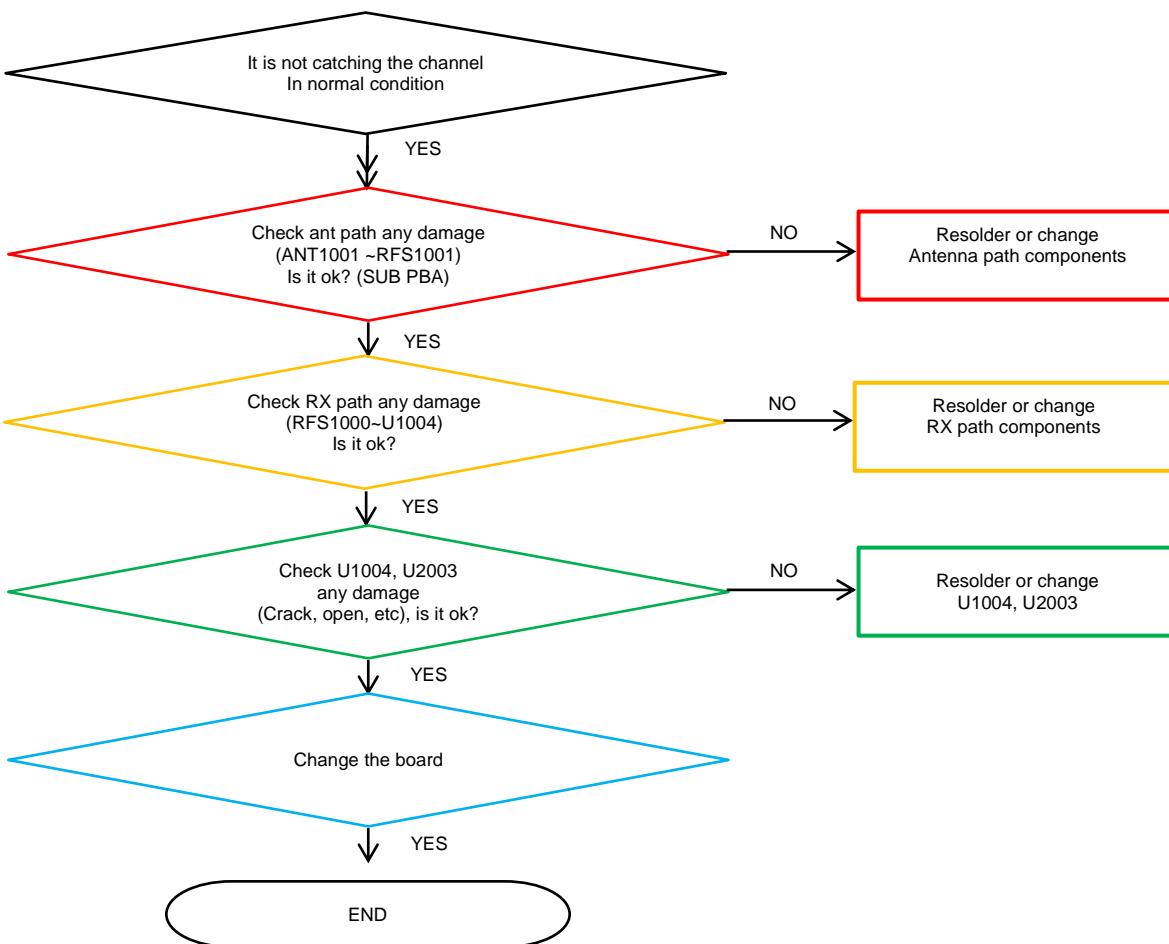
8. Level 3 Repair

8-4-21. LTE B7/38/40/41 PRx



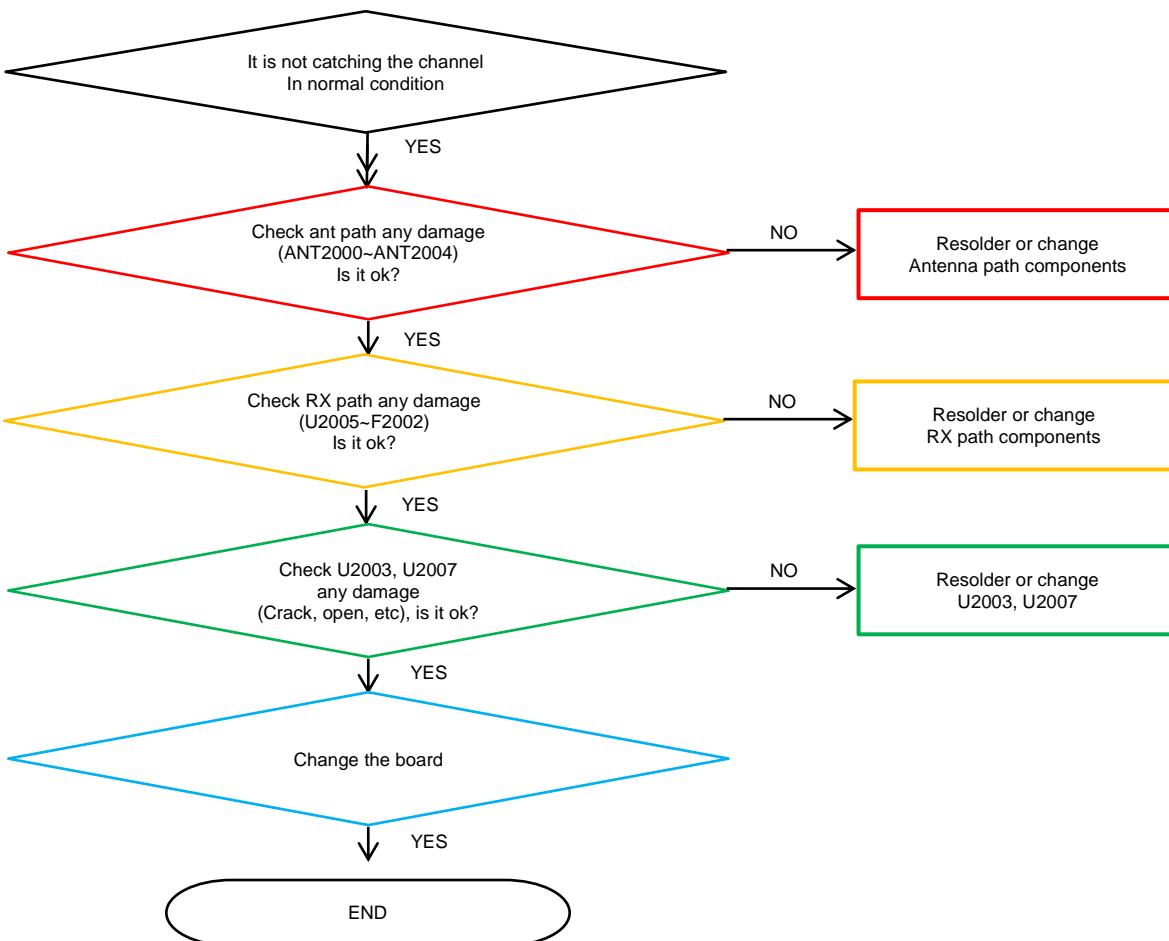
8. Level 3 Repair

8-4-22. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/34/39/66 PRx



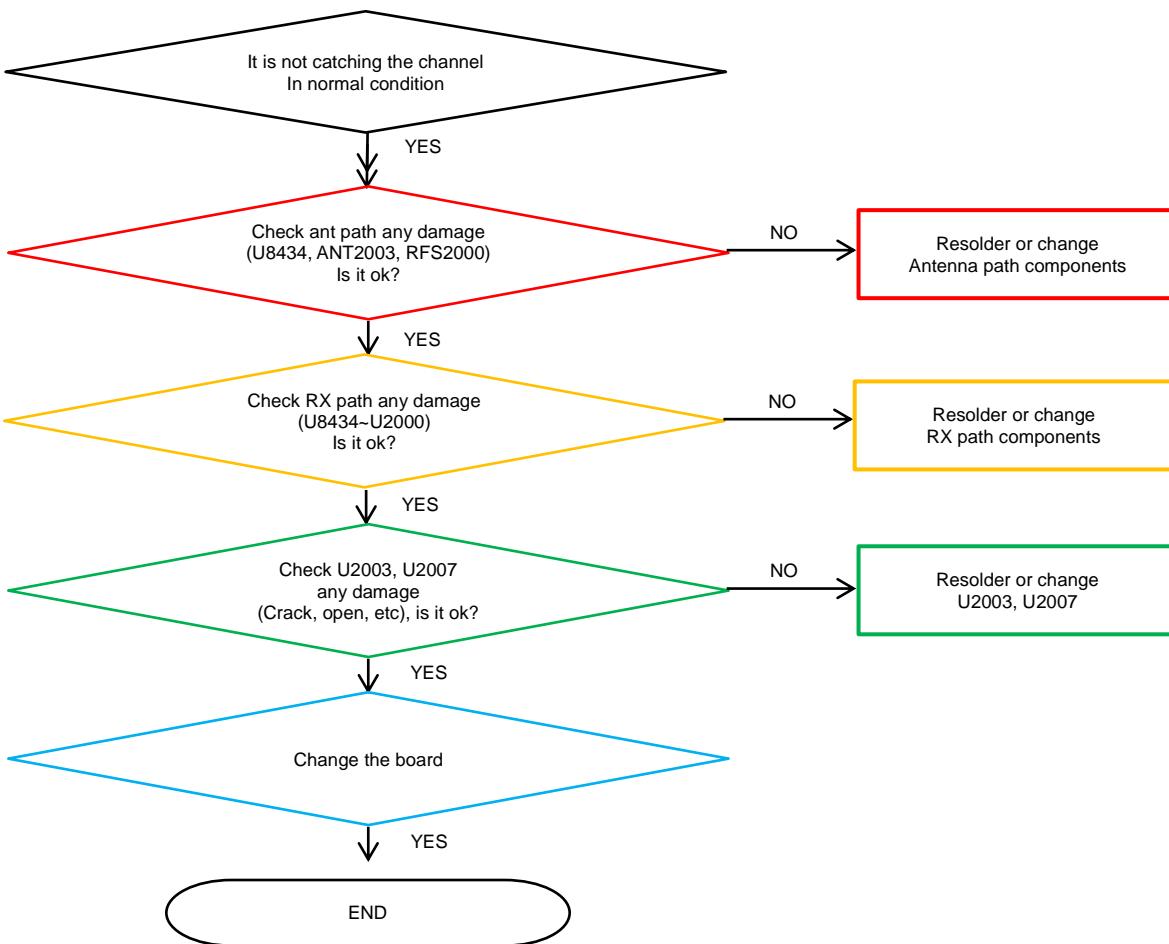
8. Level 3 Repair

8-4-23. GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/26/28 DRx



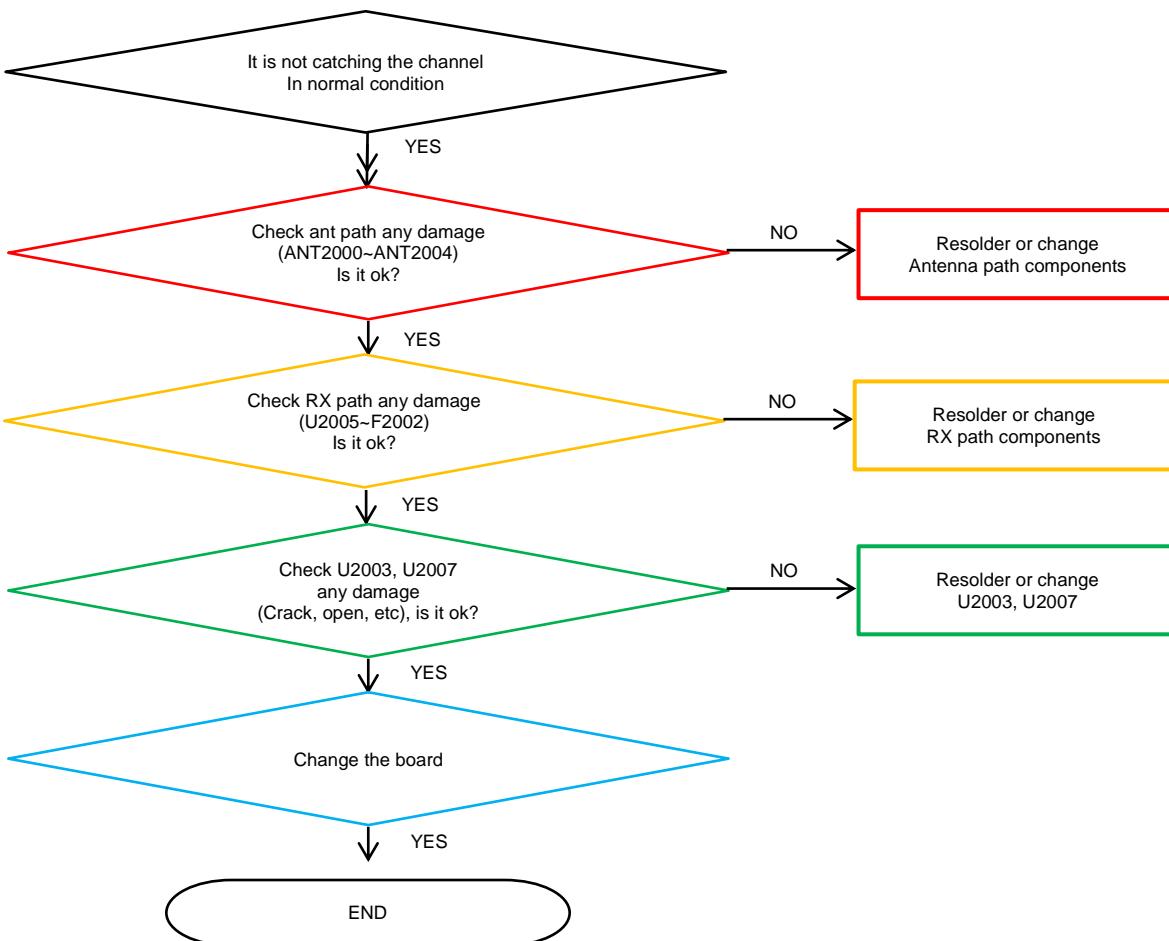
8. Level 3 Repair

8-4-24. LTE B7/38/40/41 DRx



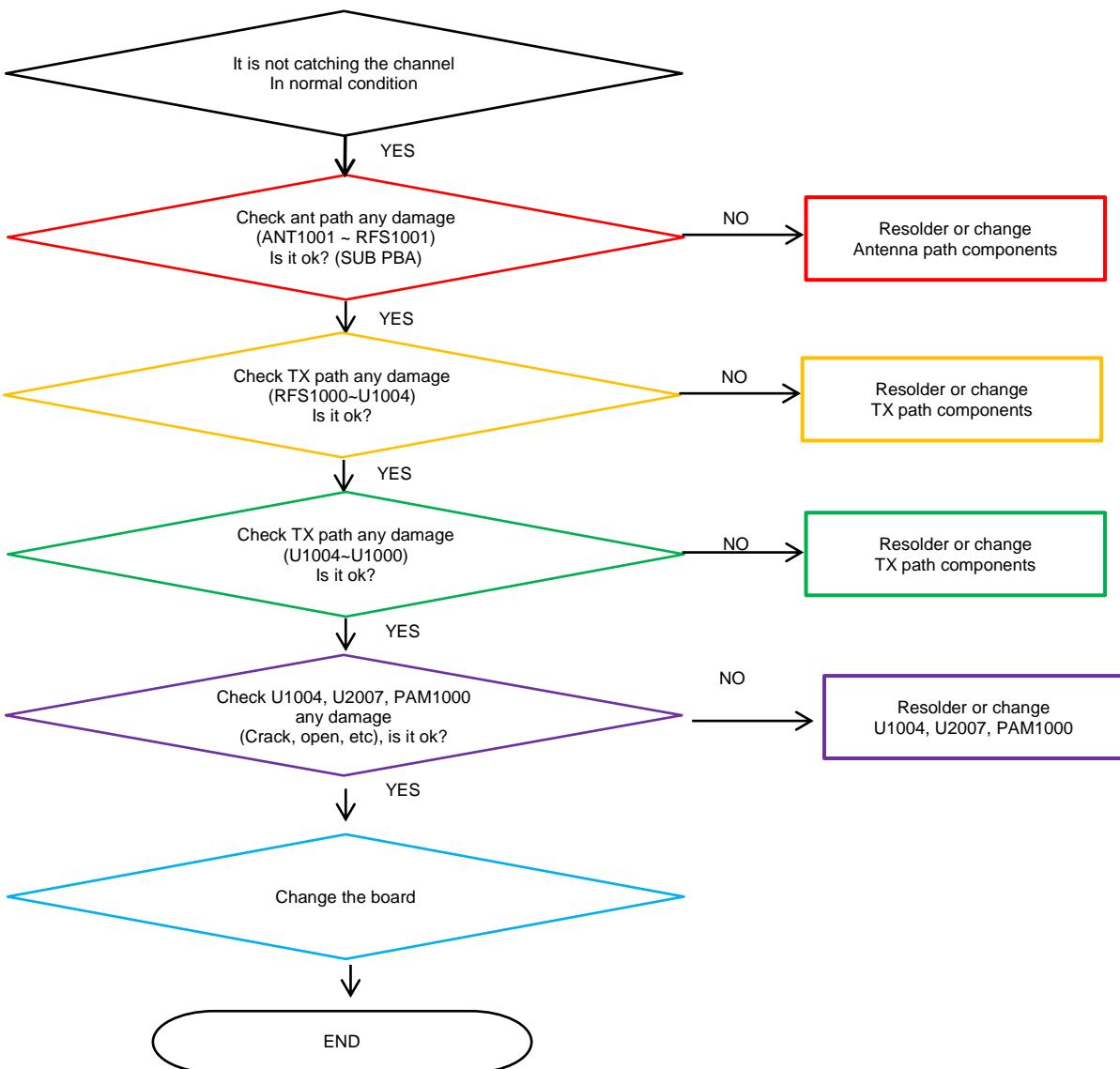
8. Level 3 Repair

8-4-25. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/34/39/66 DRx



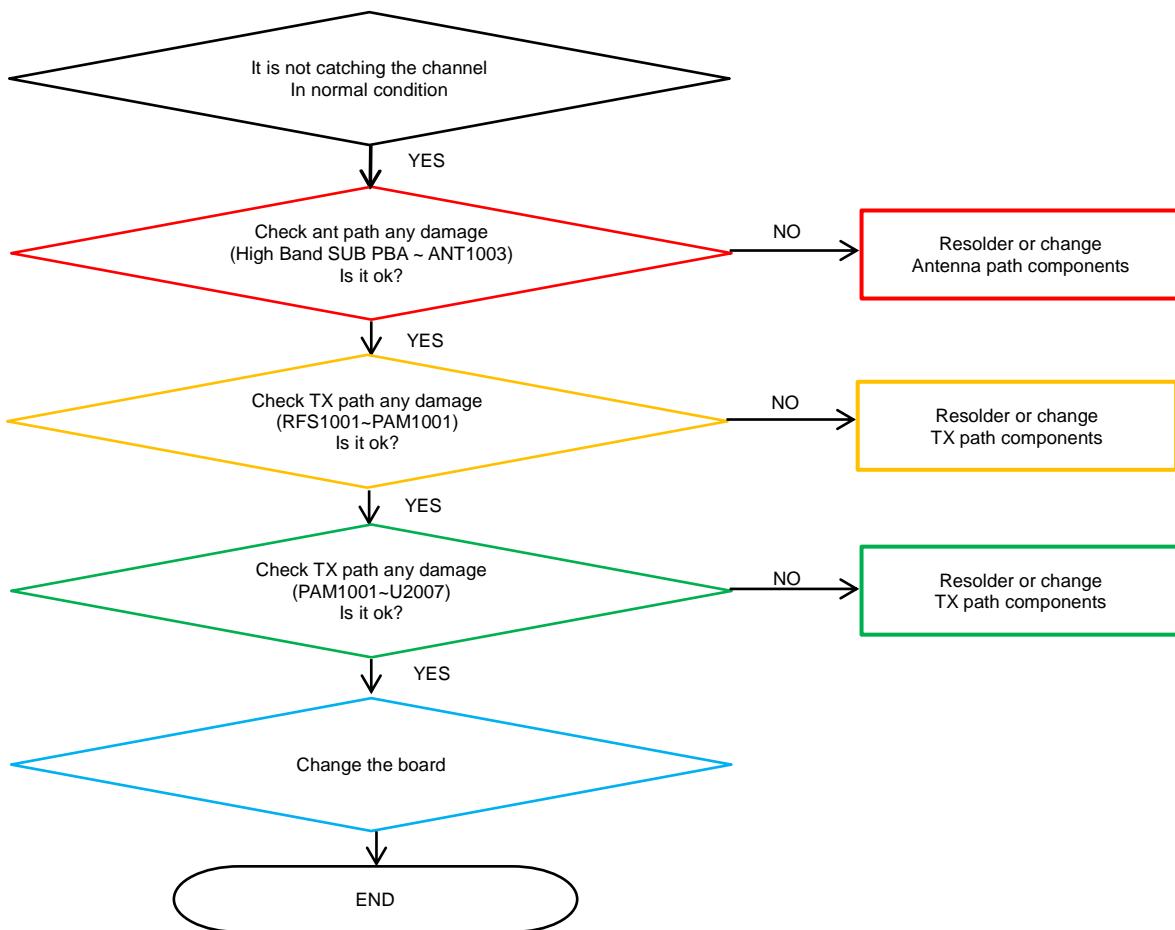
8. Level 3 Repair

8-4-26. GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/26/28 TX



8. Level 3 Repair

8-4-27. LTE B7/38/40/41 Tx



8. Level 3 Repair

8-4-28. GSM DCS/PCS, WCDMA B1/2/4, LTE B1/2/3/4/34/39/66 Tx

