

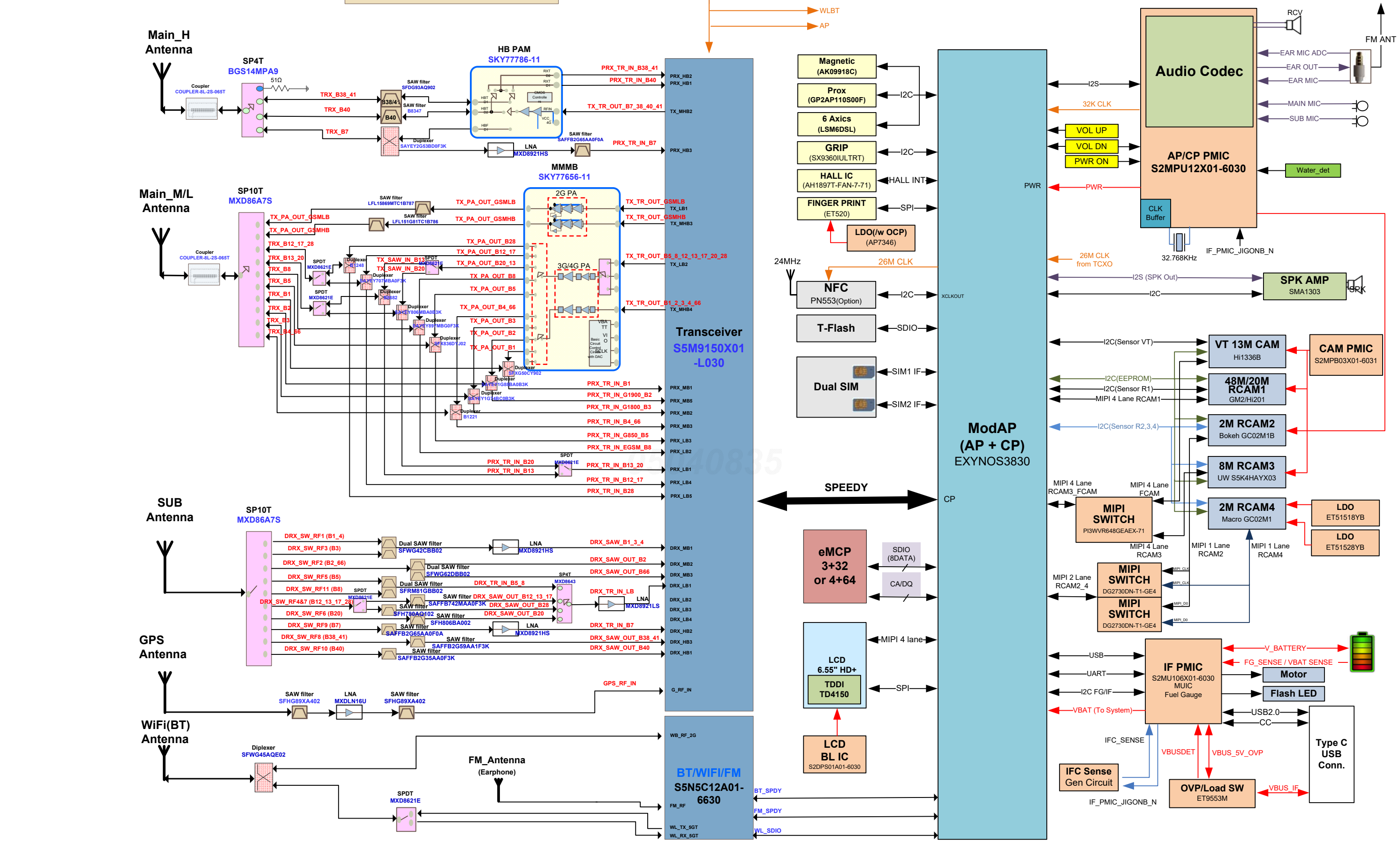
E2 Rev0.0 Block Diagram

SM-A217F/M
Common

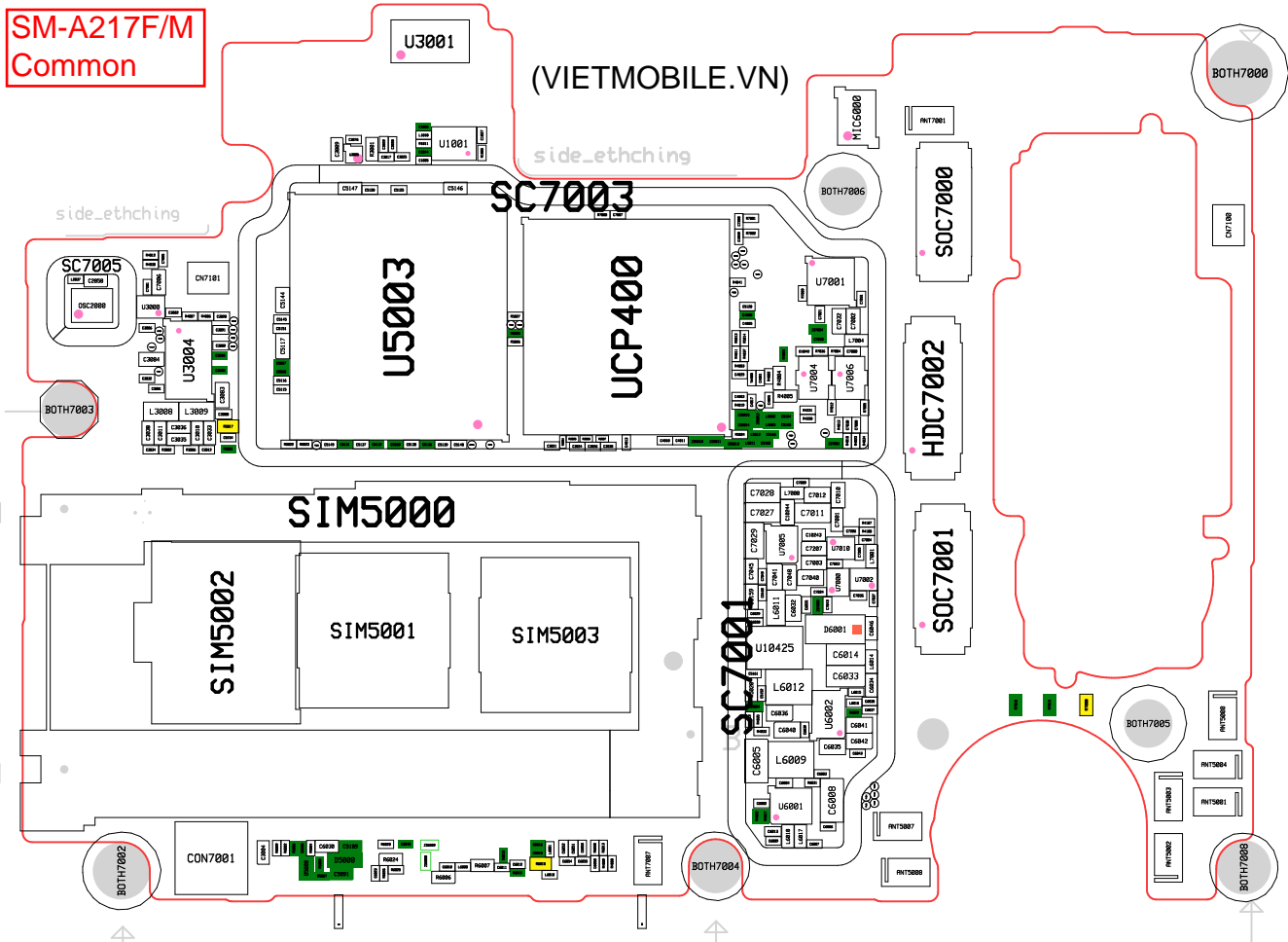
[지원밴드]
2G:GSM900/DCS/PCS/GSM850
3G:B1/B2/(B4)/B5/B8
4G_FDD:B1/B2/B3/(B4)/B5/B7/B8/(B12)
/(B13)/(B17)/B20/B28/(B66)
4G_TDD:B38/B40/B41
(): LA항 전용 밴드

Confidential

(VIETMOBILE.VN)



SM-A217F/M
Common



SM-A217F/M
Common

(VIETMOBILE.VN)

HDC4000 – NSR

SC7004

SOC7003

SC7002

U5000

U5002

SC7000

PAM1000

SOC7002

CON7002

SUS7000

CN5000

CN6000

HDC3001

RFS1001

RFS1000

U1000

U1001

U1002

U1003

U1004

U1005

U1006

U1007

U1008

U1009

U1010

U1011

U1012

U1013

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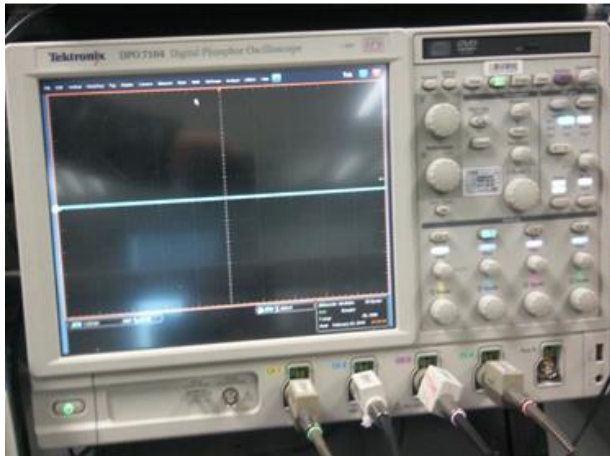
U1282

U1283

U1284

8. Level 3 Repair (VIETMOBILE.VN)

8-3. Flow chart of Troubleshooting.



Oscilloscope



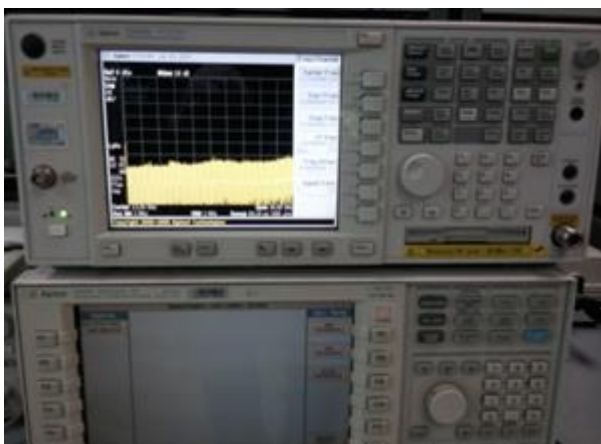
Digital Multimeter



Power Supply



+ driver, ESD Safe Tweezer



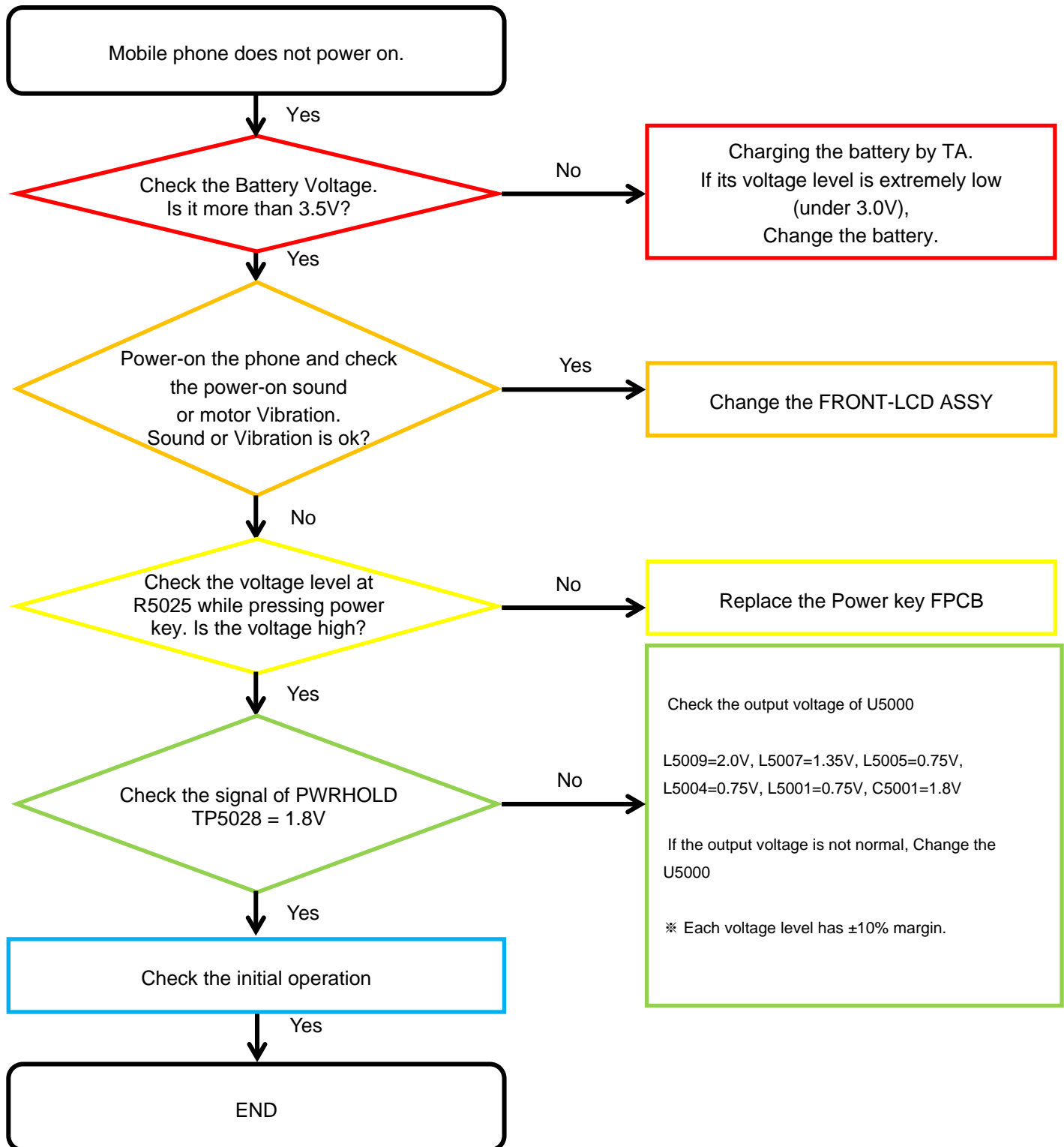
8960 & Spectrum Analyzer



Soldering iron

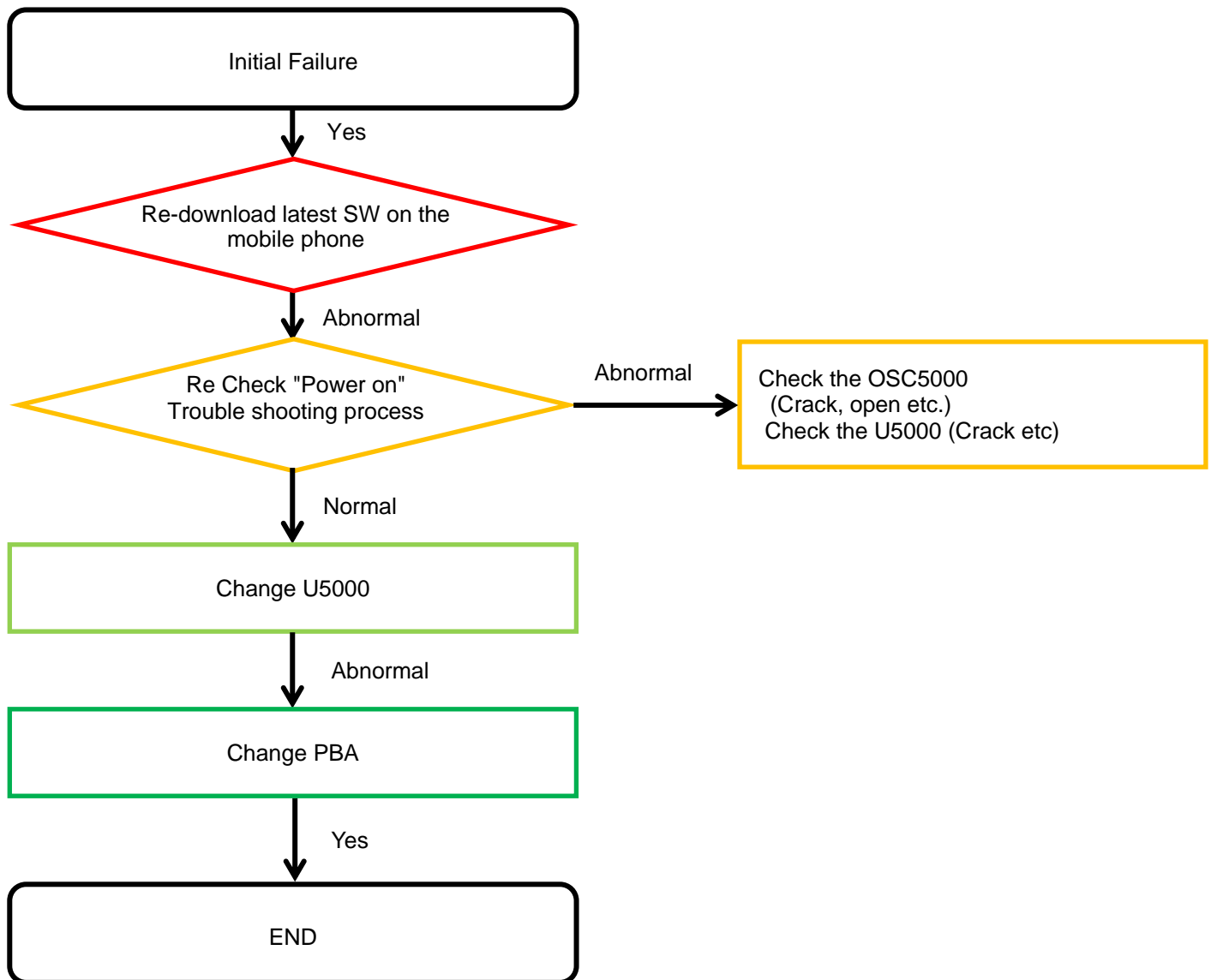
8. Level 3 Repair

8-4-1. Power On



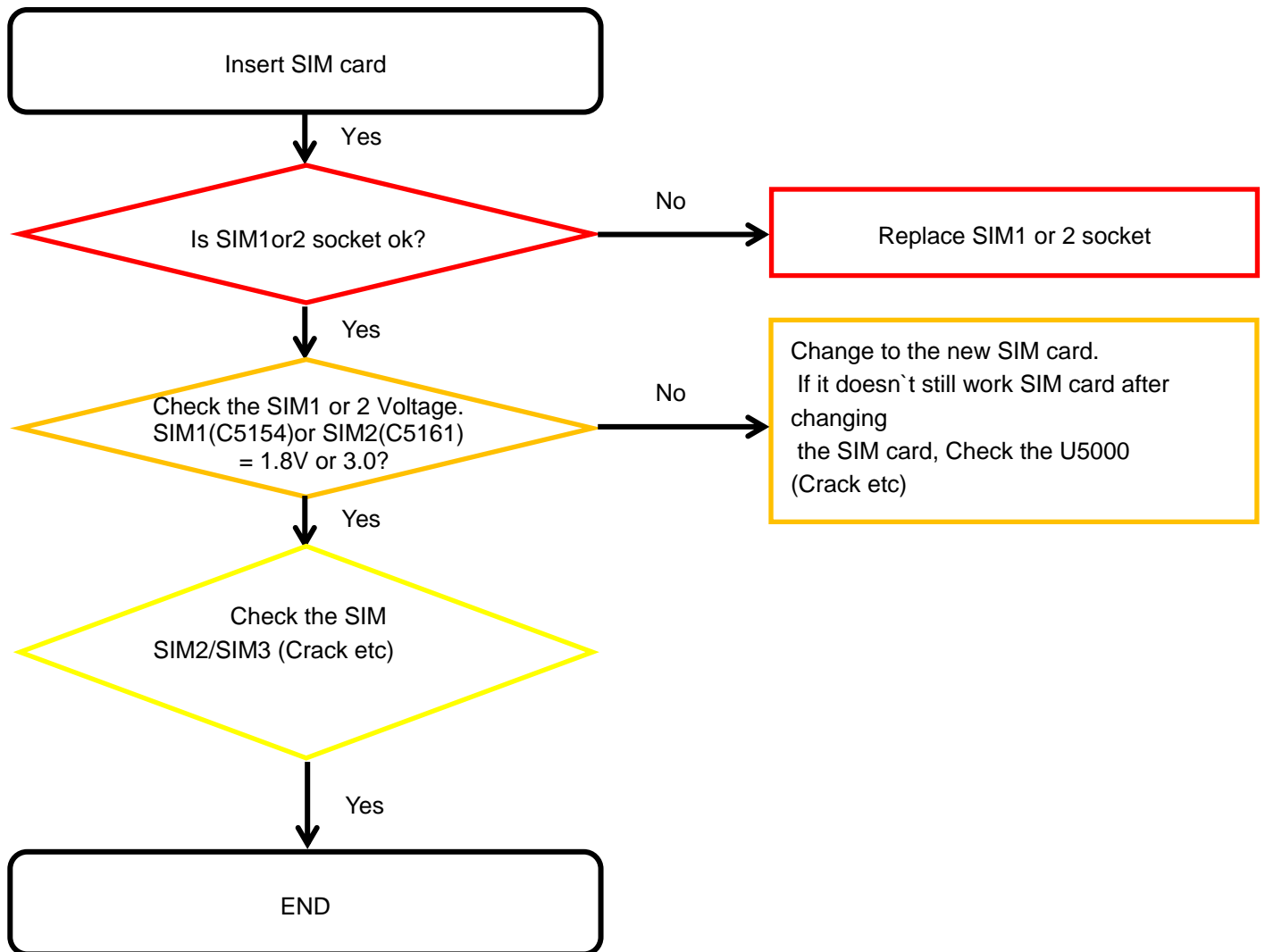
8. Level 3 Repair

8-4-2. Initial



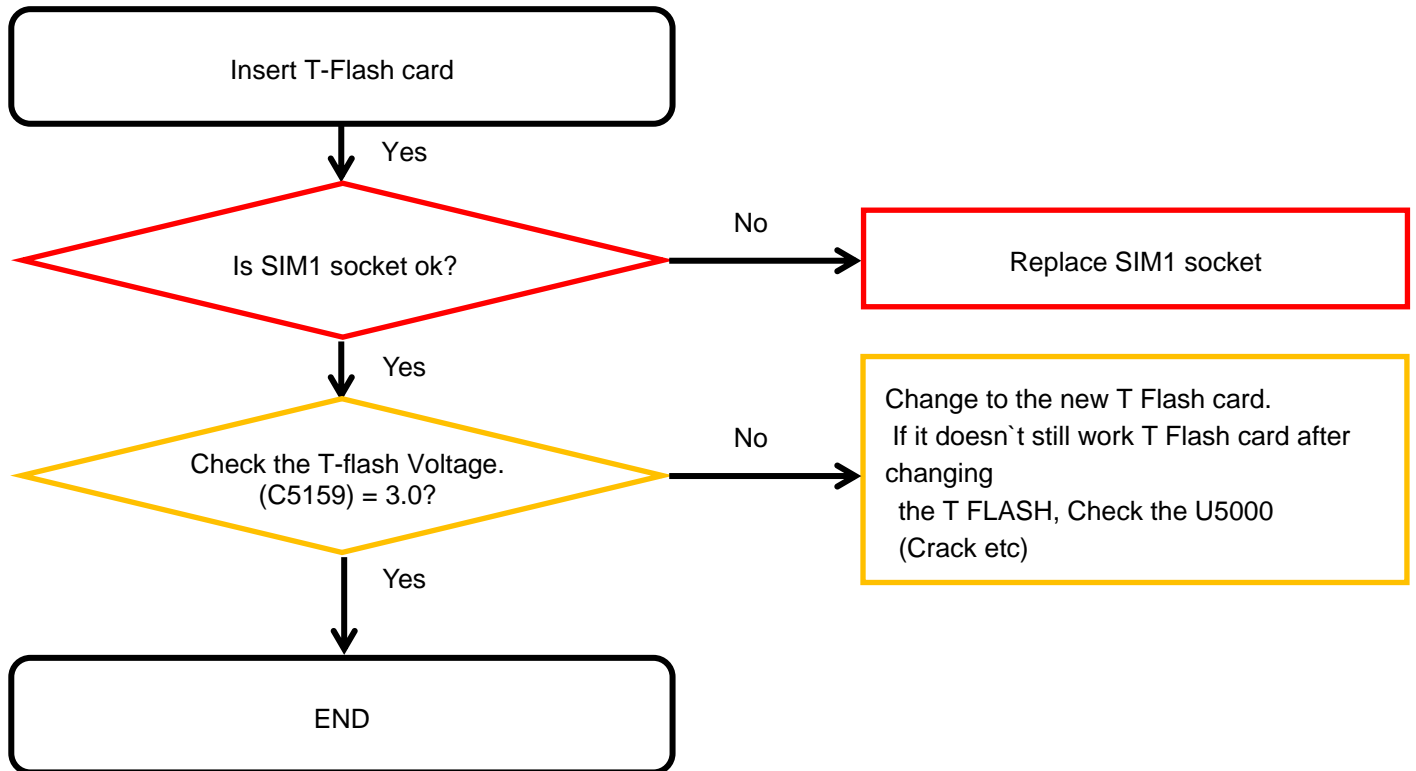
8. Level 3 Repair

8-4-3. SIM Part



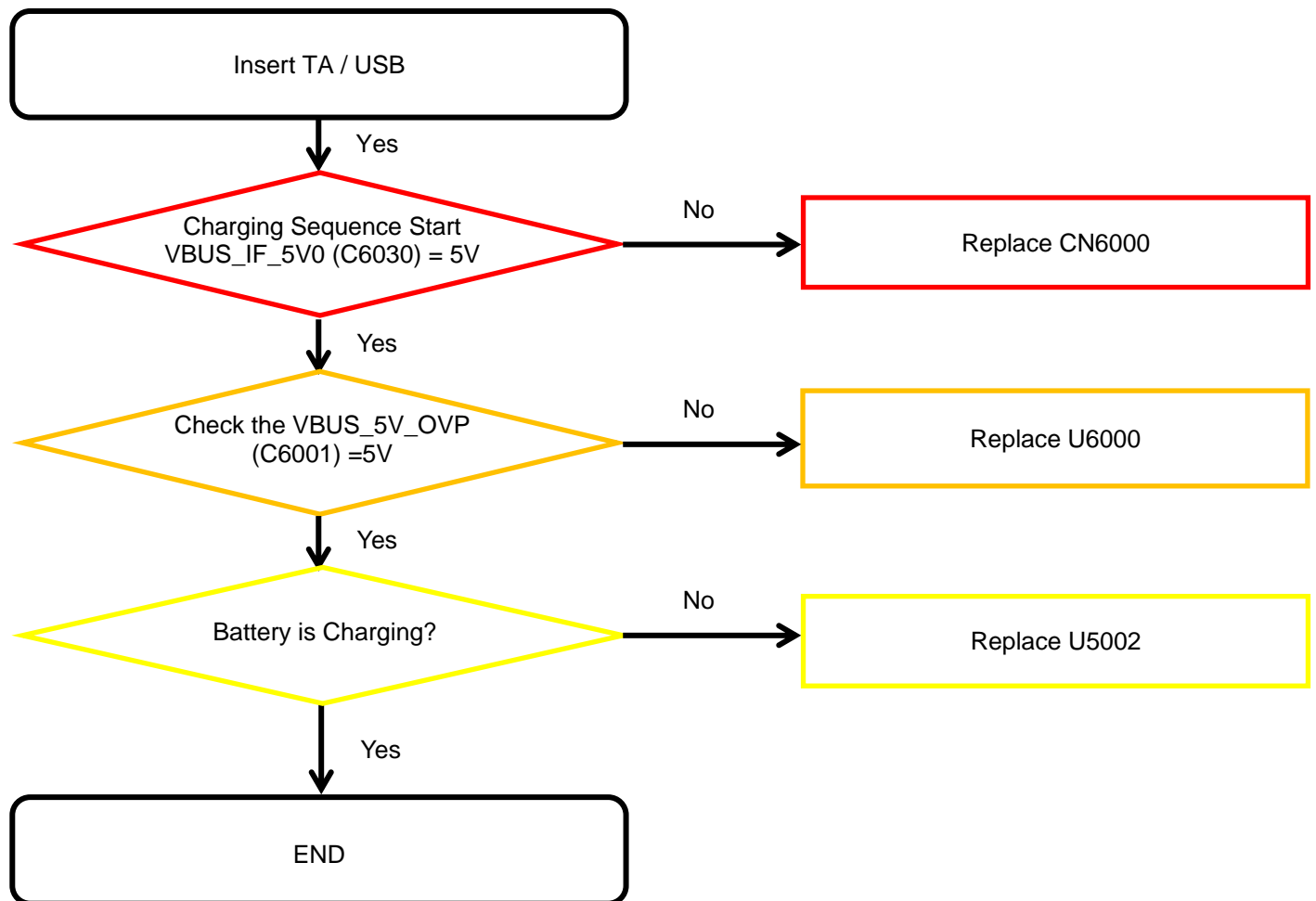
8. Level 3 Repair

8-4-4. T-Flash Part



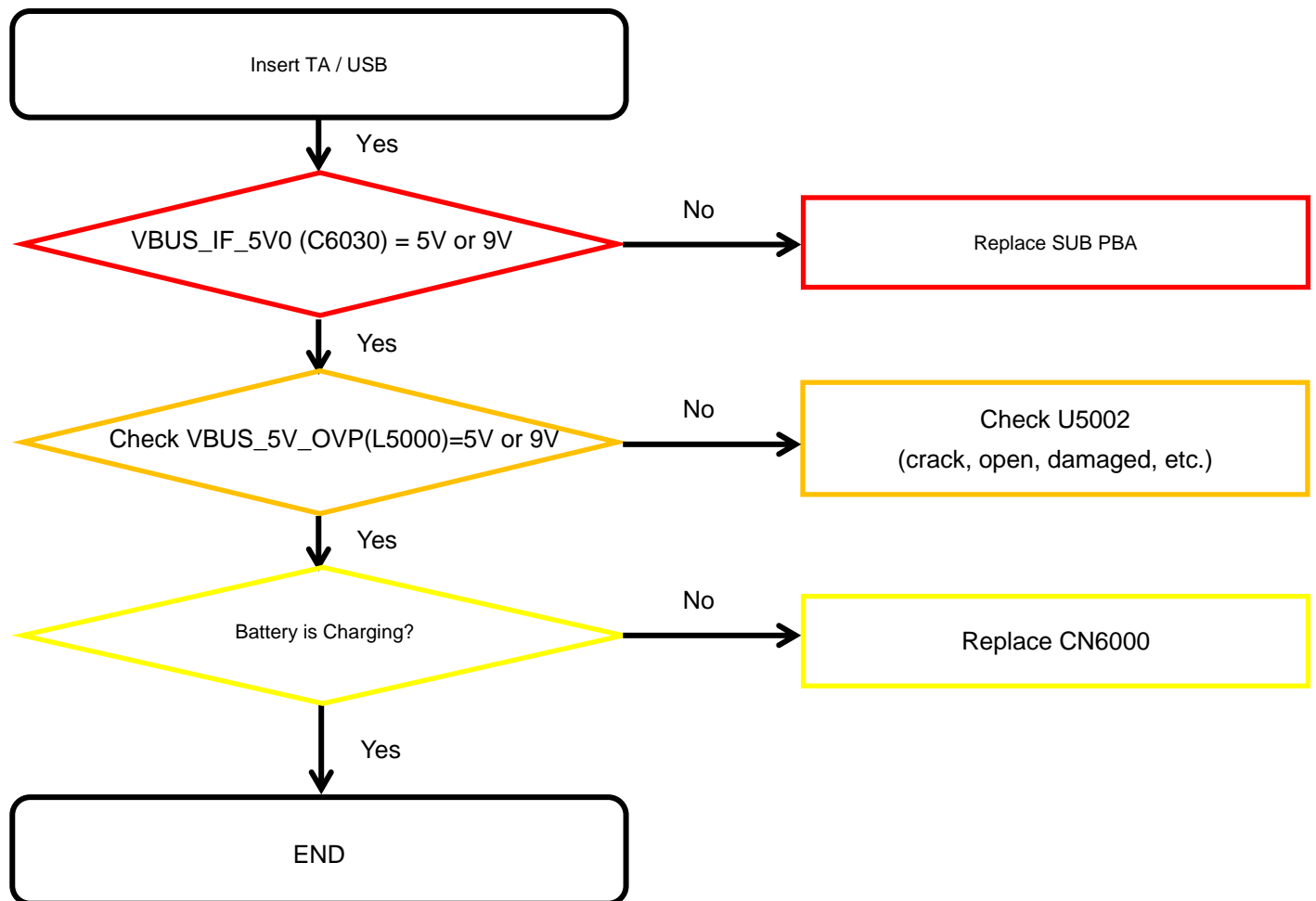
8. Level 3 Repair

8-4-5. Charging Part



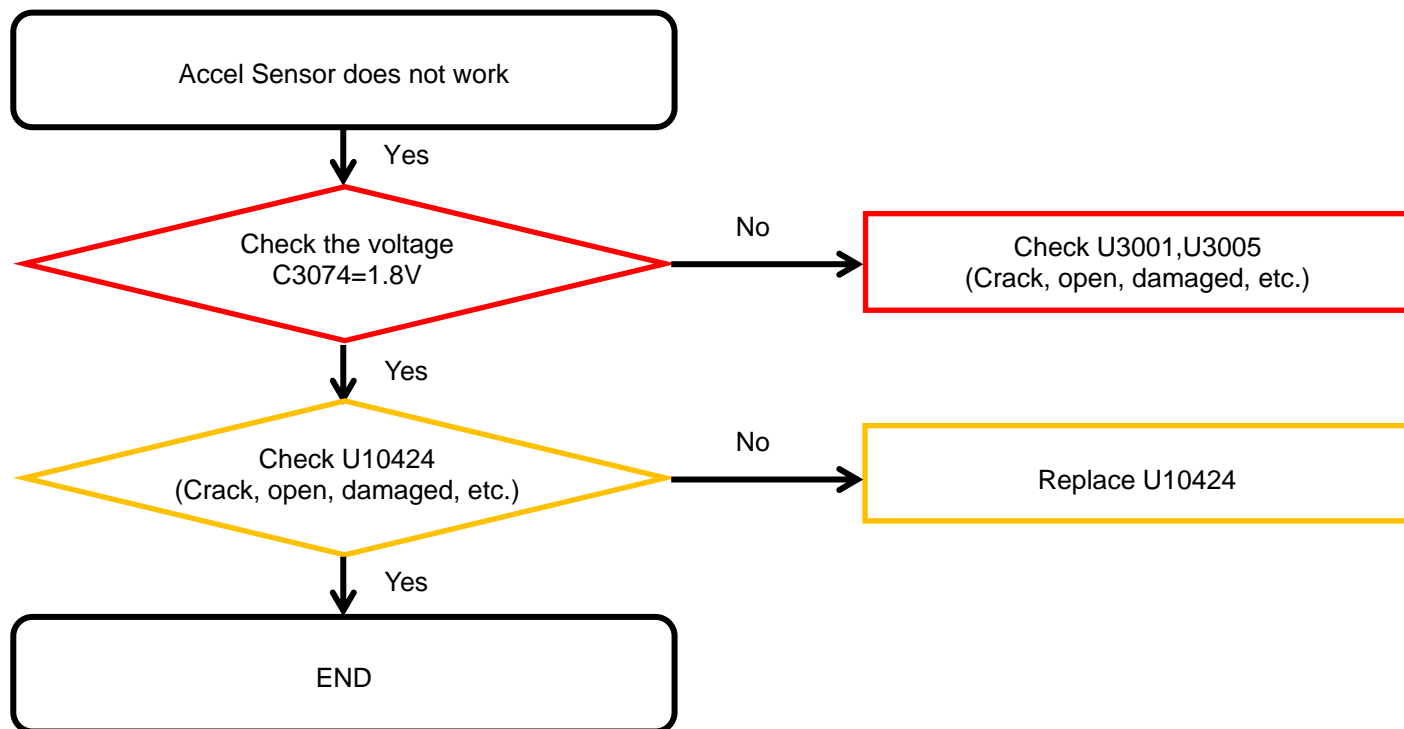
8. Level 3 Repair

8-4-6. Cable Charging Part



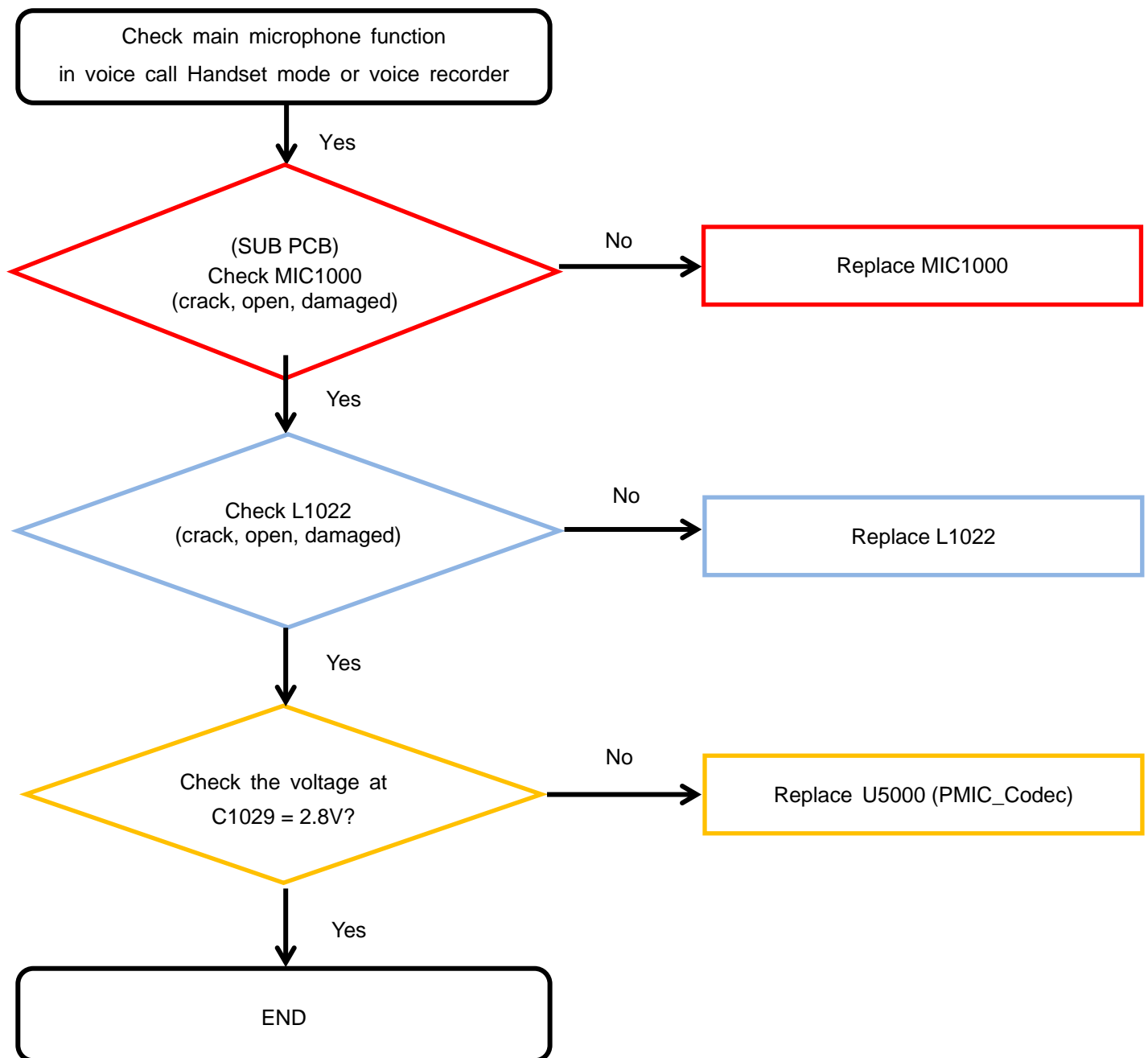
8. Level 3 Repair

8-4-7. Accel Sensor



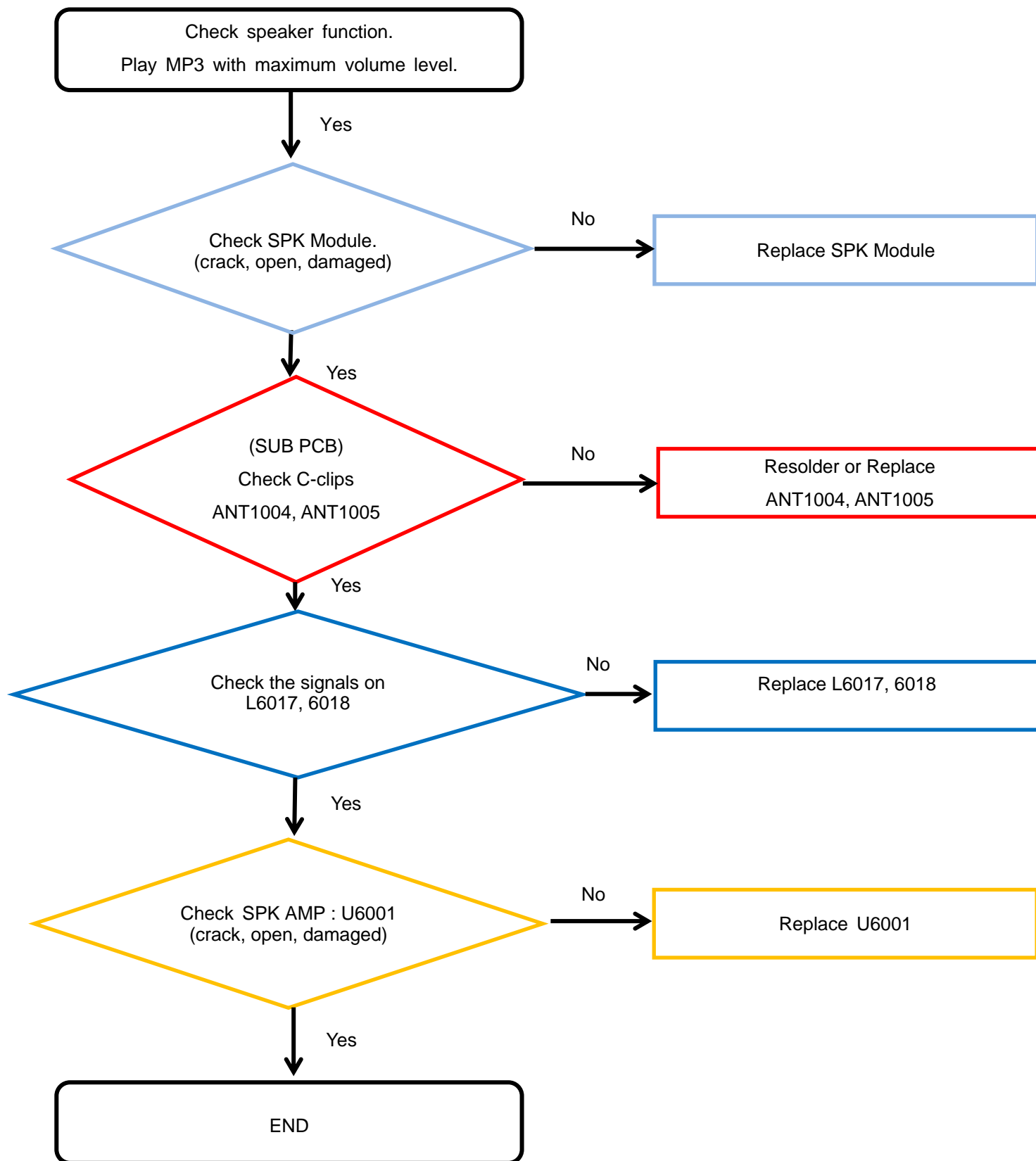
8. Level 3 Repair

8-4-8. Microphone Part - Main MIC



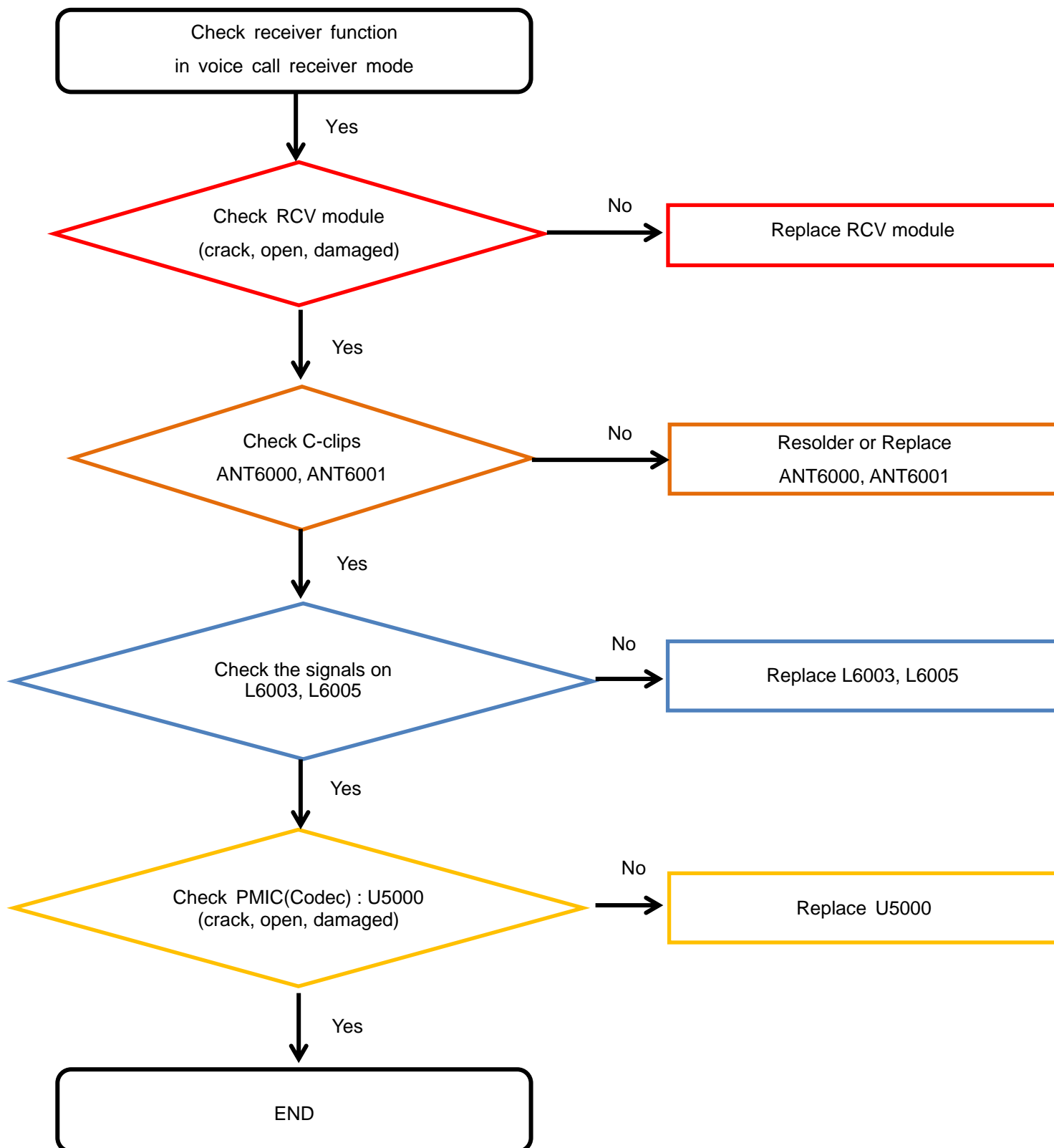
8. Level 3 Repair

8-4-9. Speaker Part



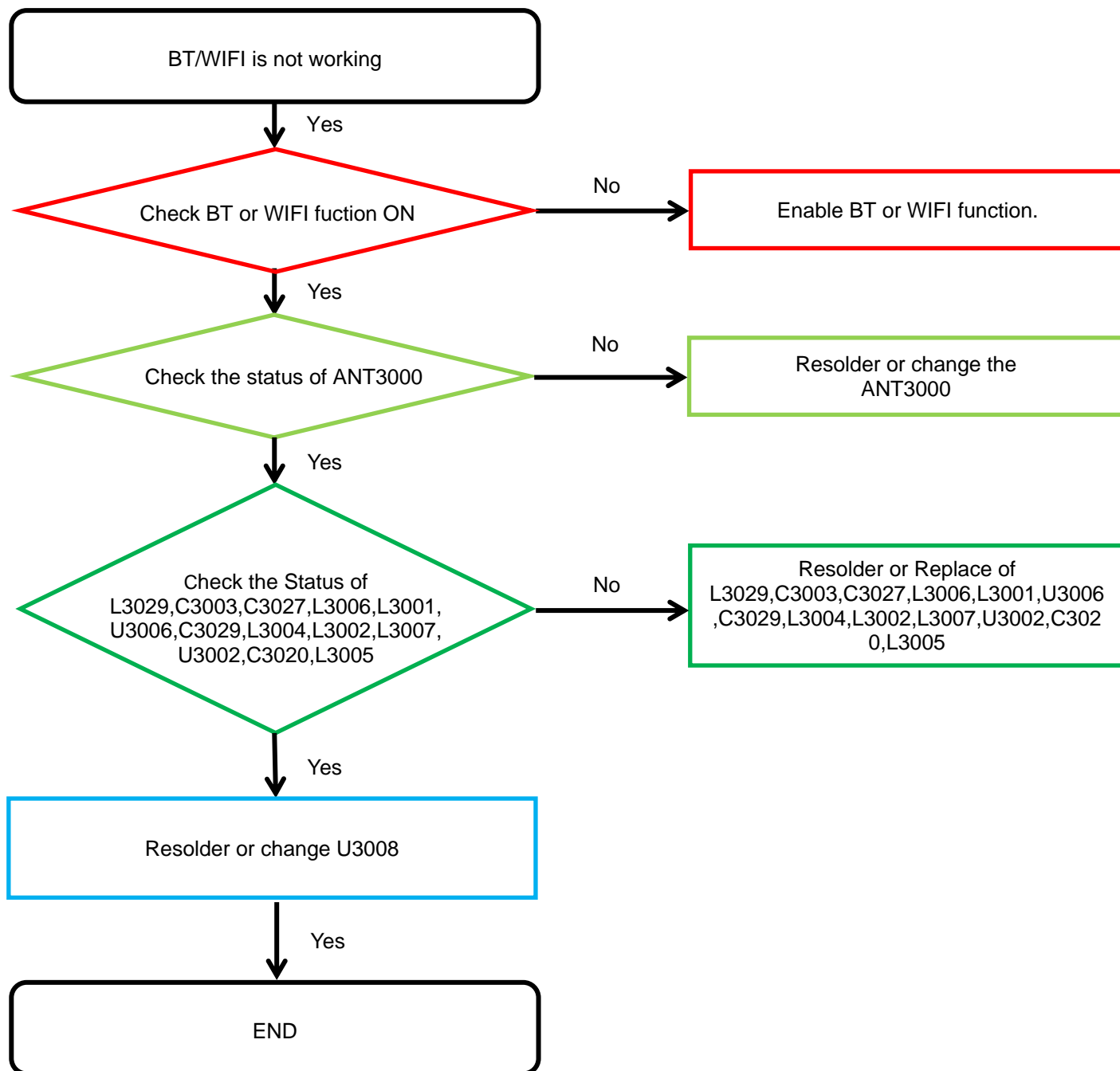
8. Level 3 Repair

8-4-10. Receiver Part



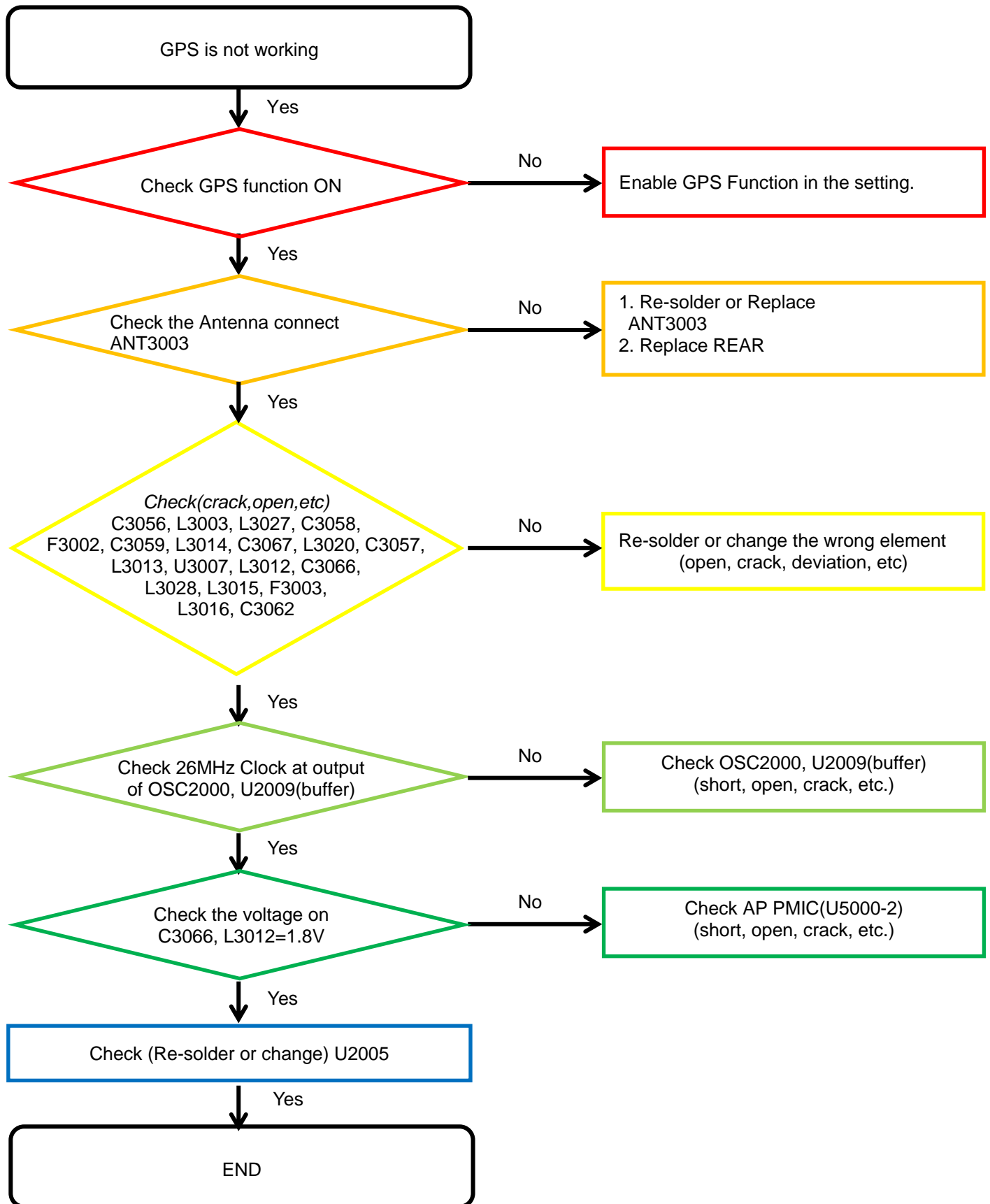
8. Level 3 Repair

8-4-11. BT/WIFI



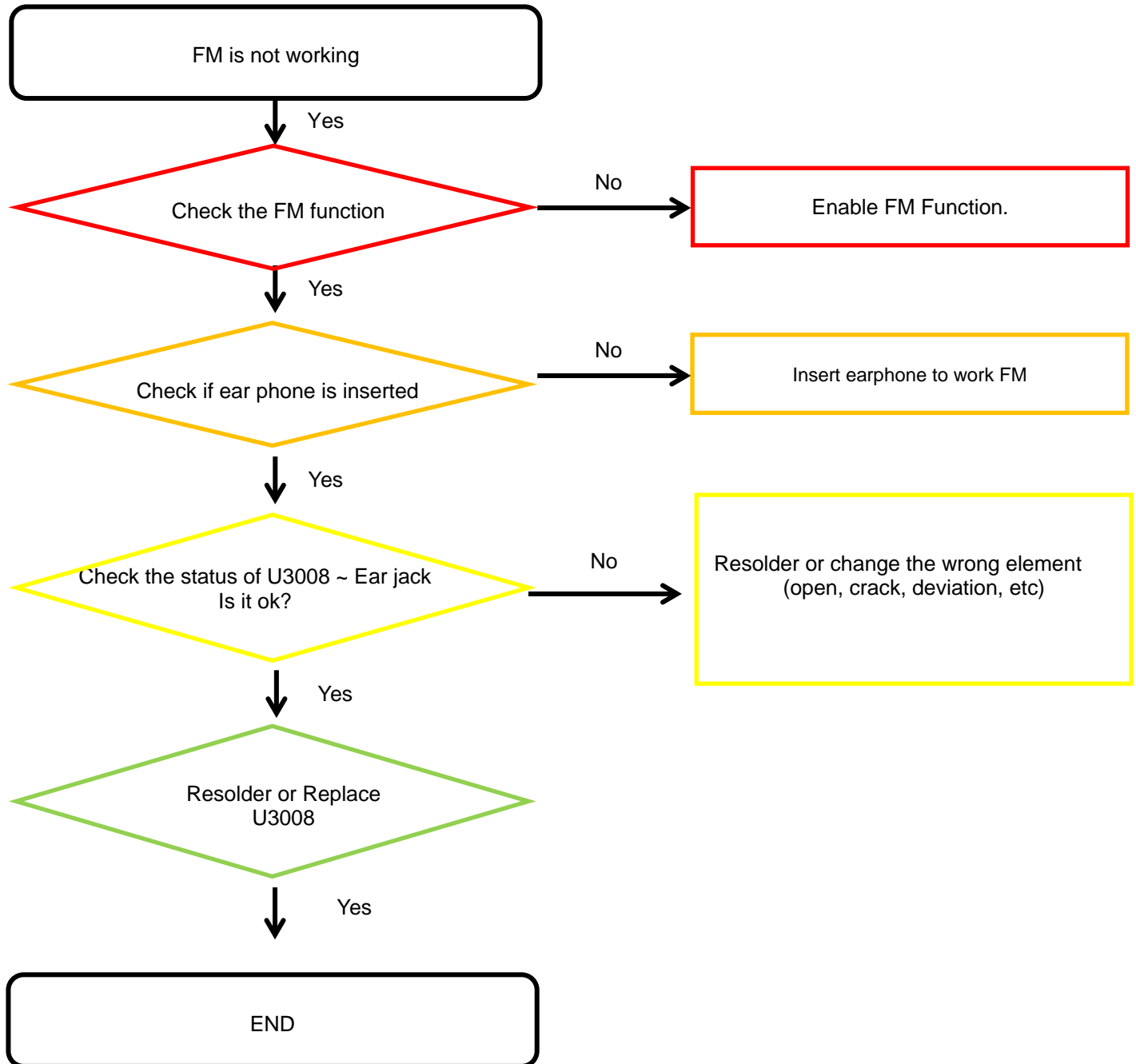
8. Level 3 Repair

8-4-12. GPS



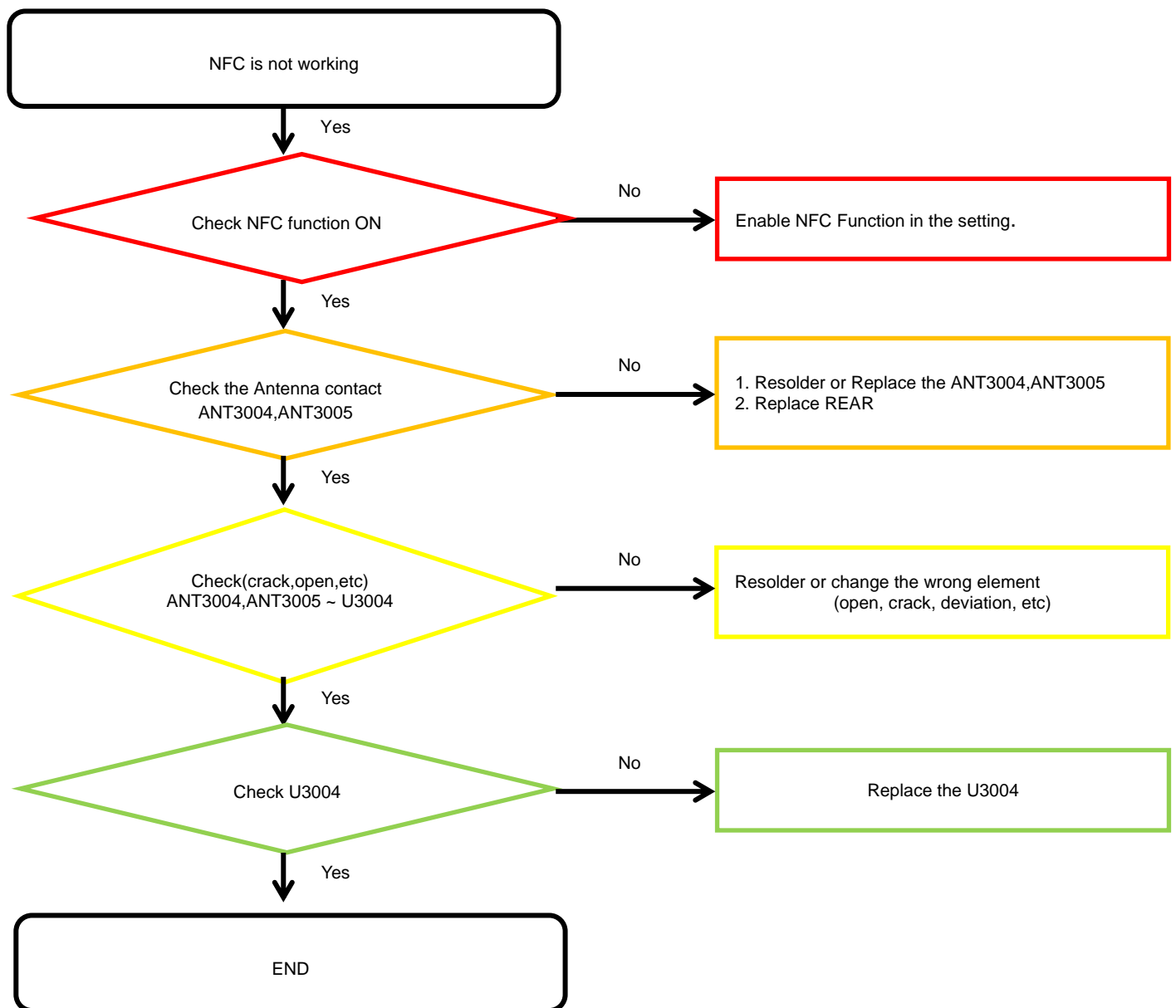
8. Level 3 Repair

8-4-13. FM radio part



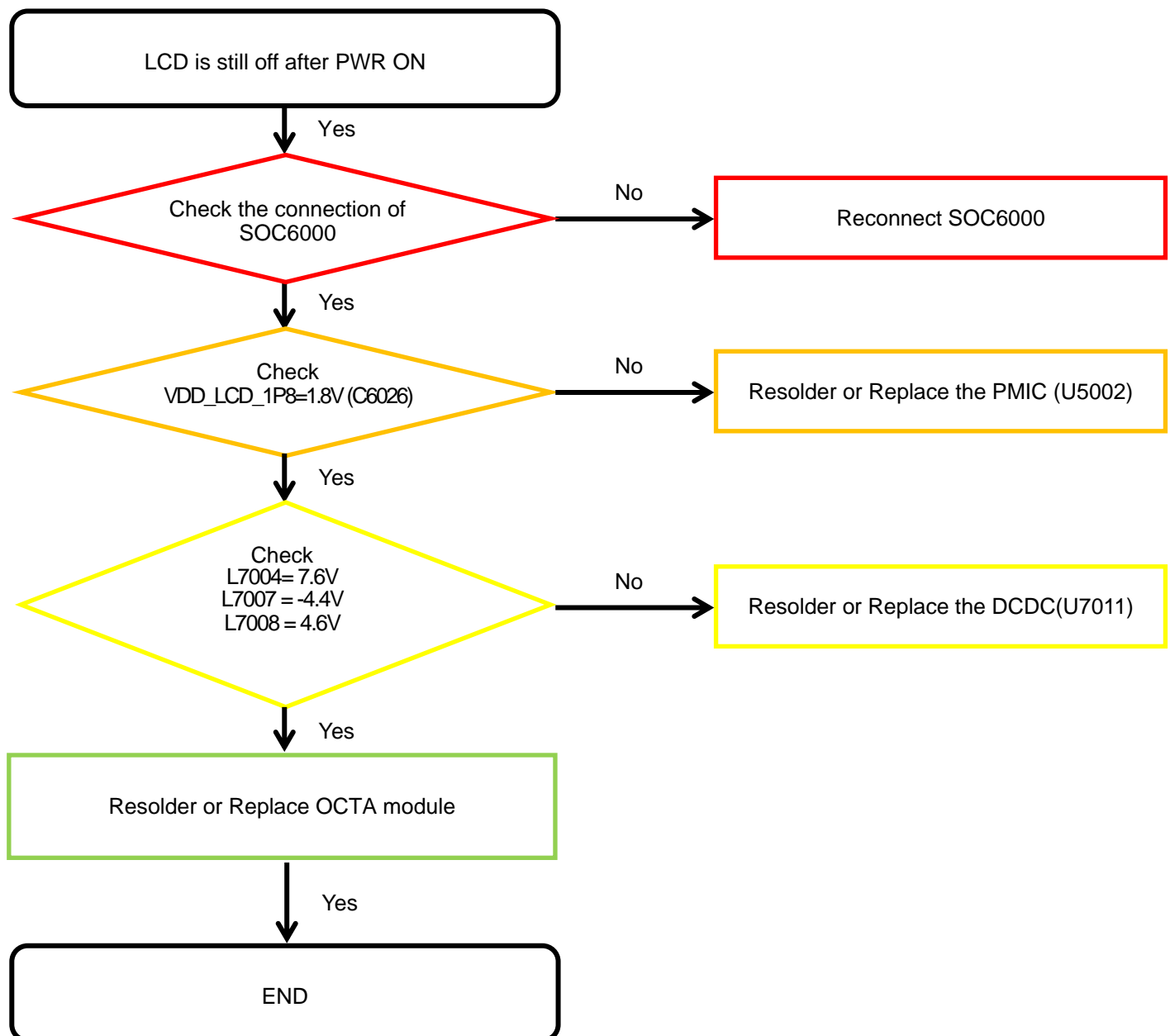
8. Level 3 Repair

8-4-14. NFC



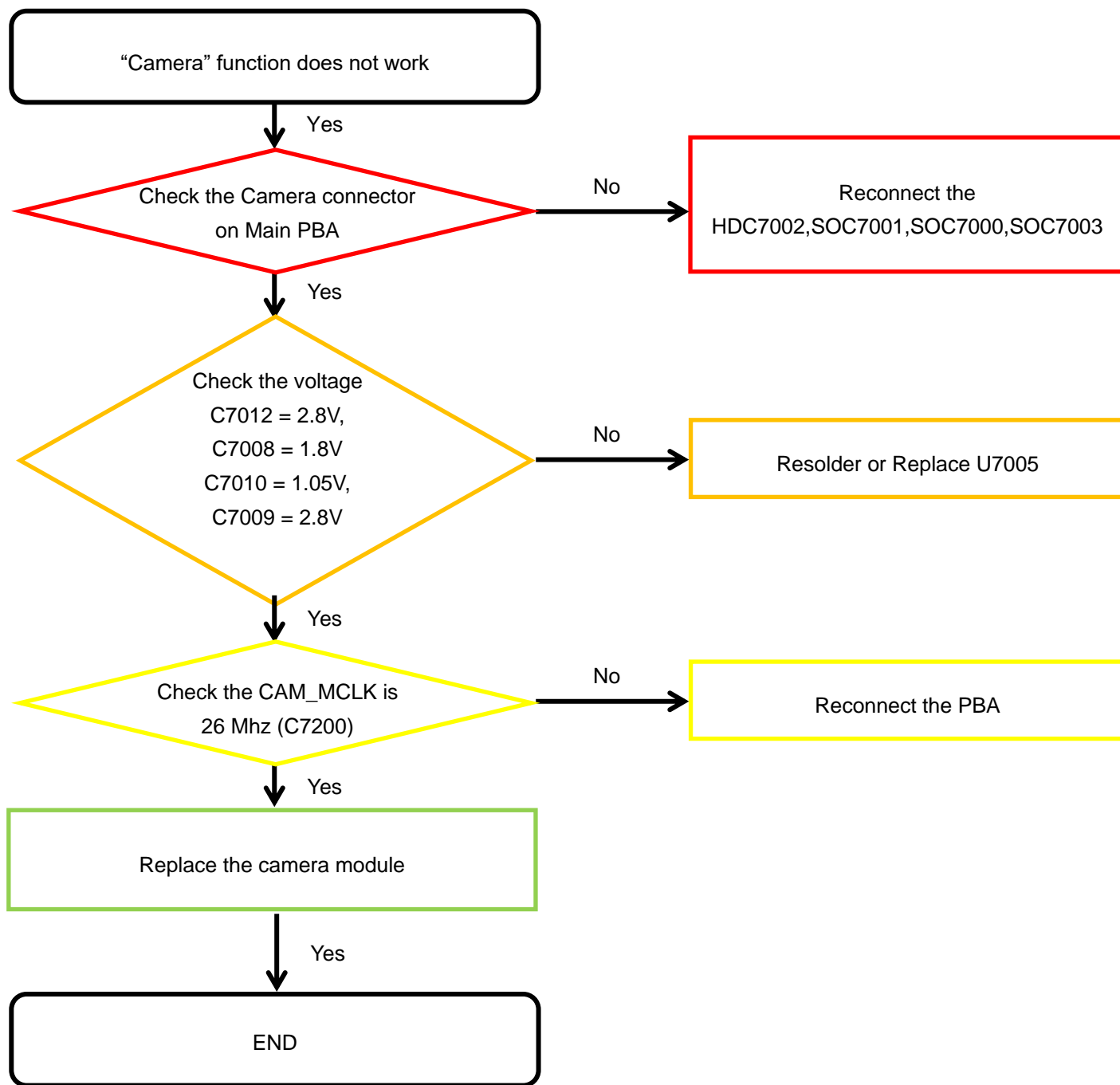
8. Level 3 Repair

8-4-15. Display



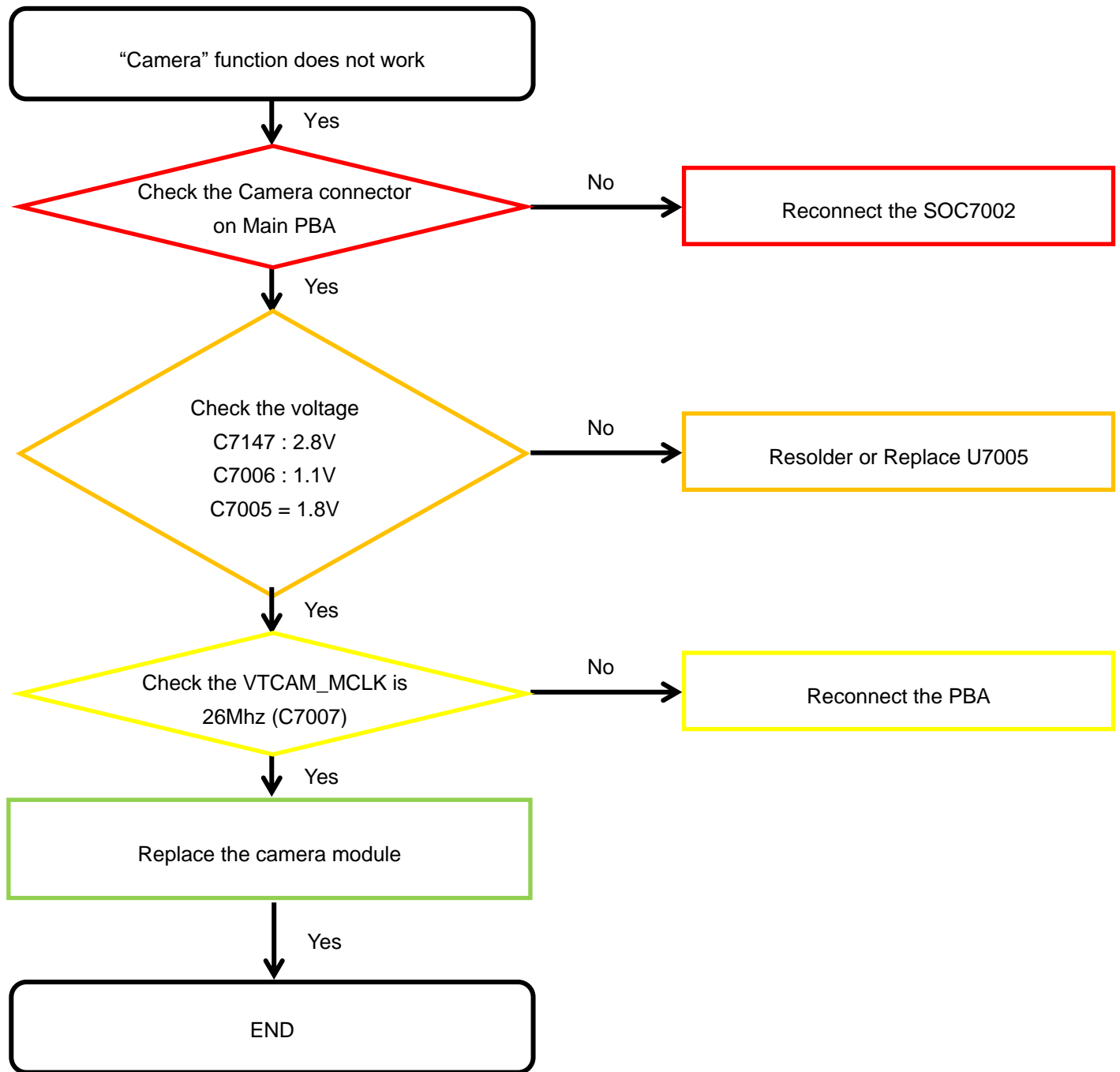
8. Level 3 Repair

8-4-16. Rear CAMERA



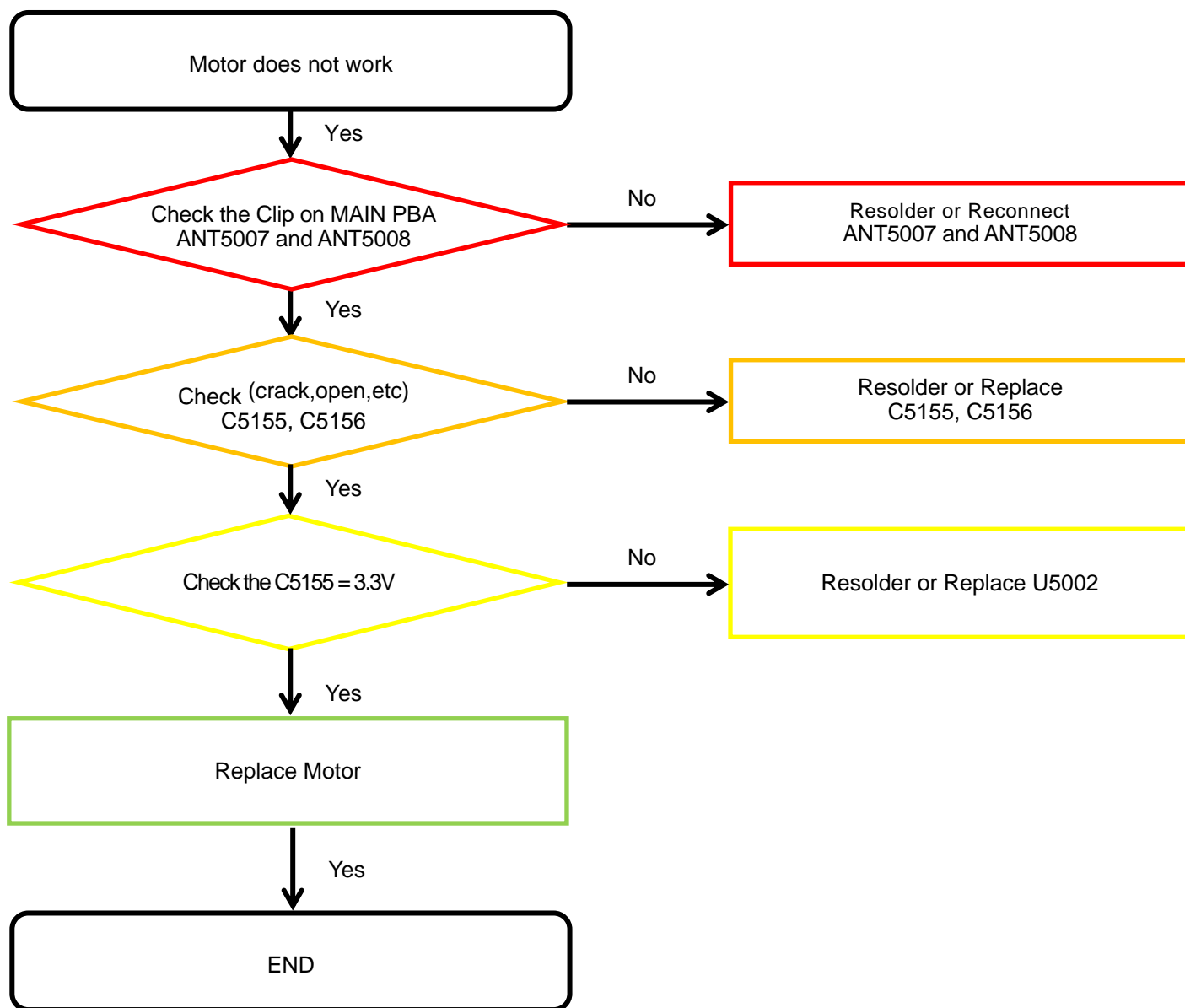
8. Level 3 Repair

8-4-17. Front CAMERA



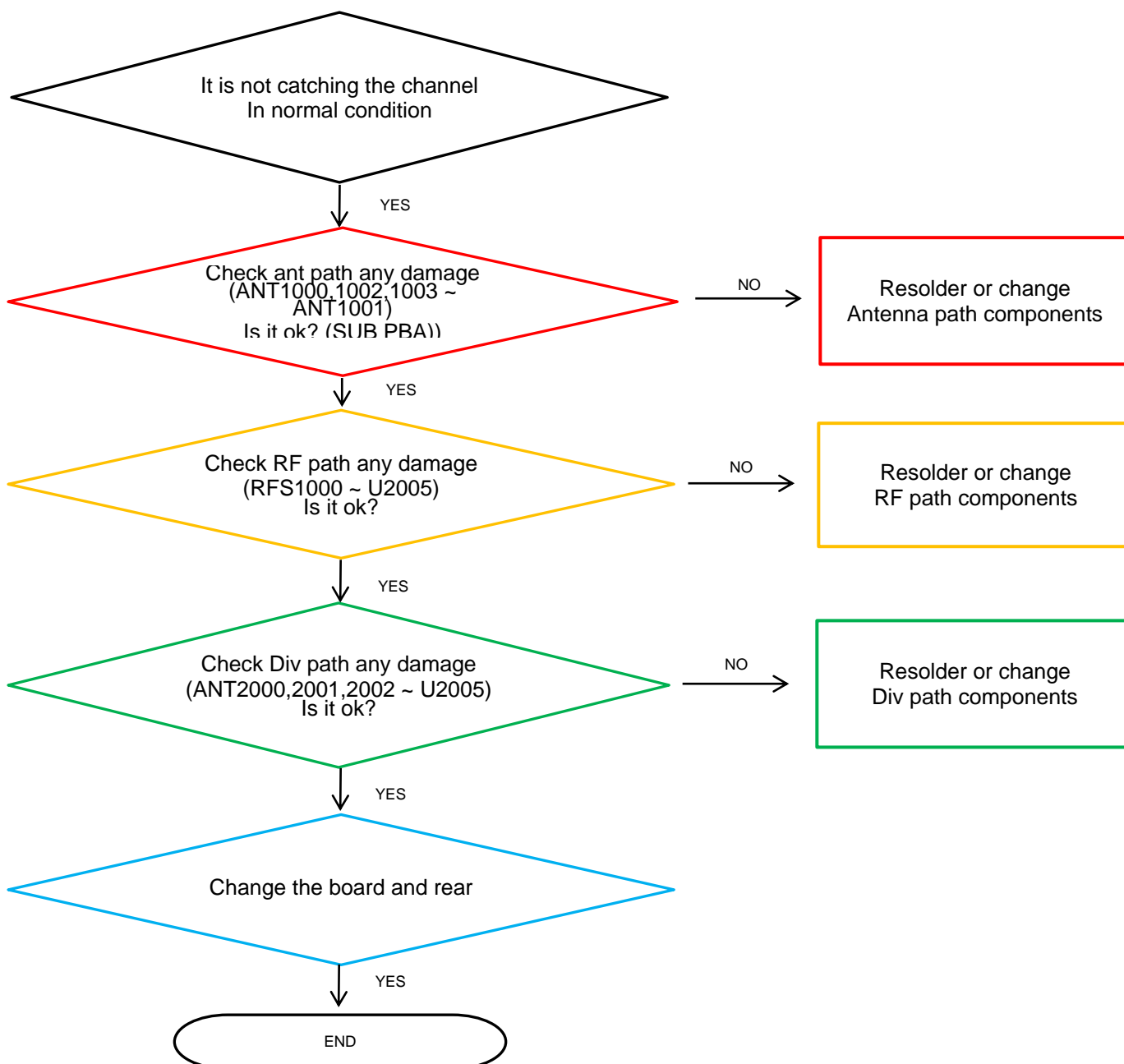
8. Level 3 Repair

8-4-18. Motor



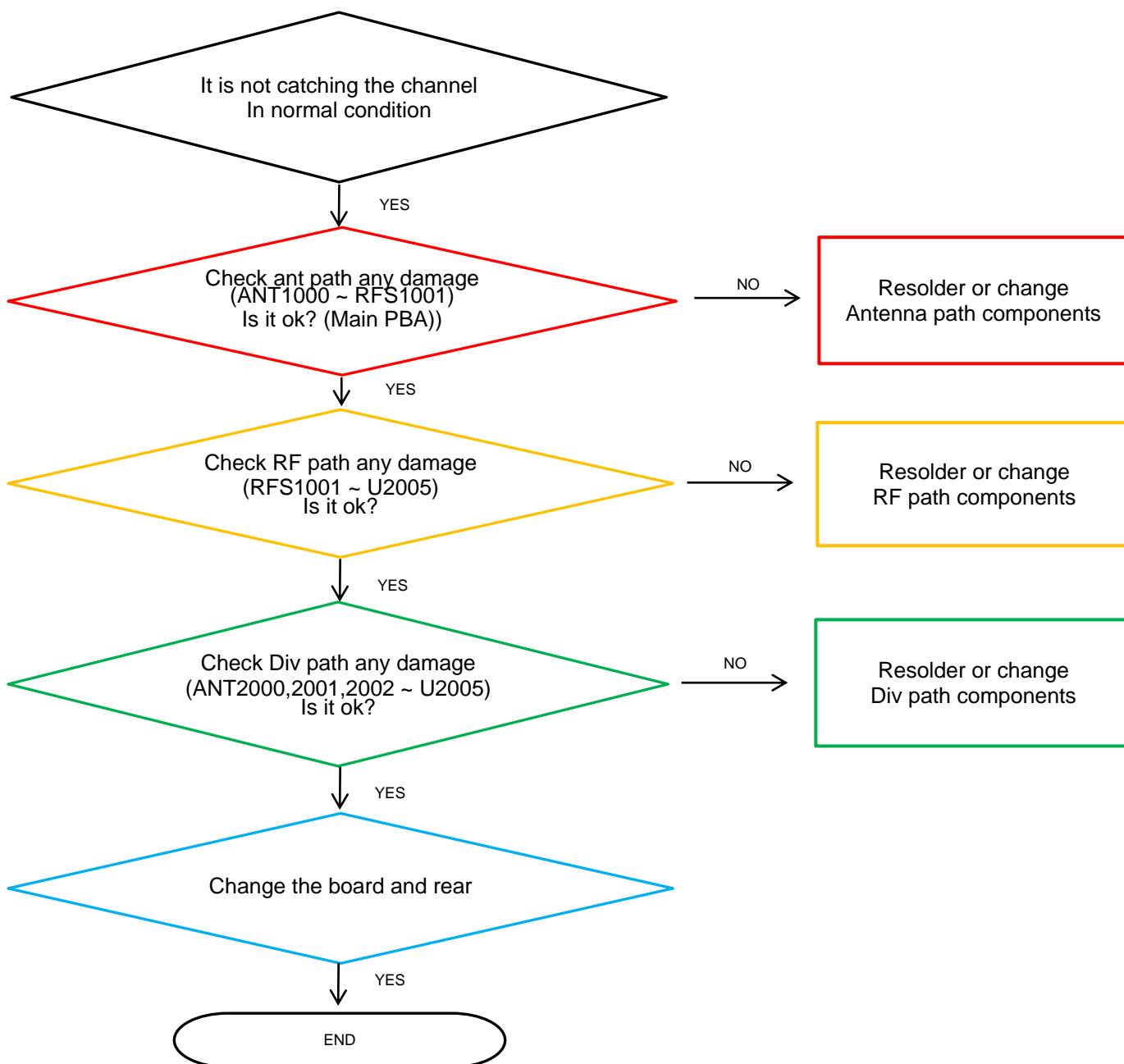
8. Level 3 Repair

8-4-19. GSM/WCDMA/LTE1,2,3,5,8,20,28



8. Level 3 Repair

8-4-20. LTE 7, 38, 40, 41



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