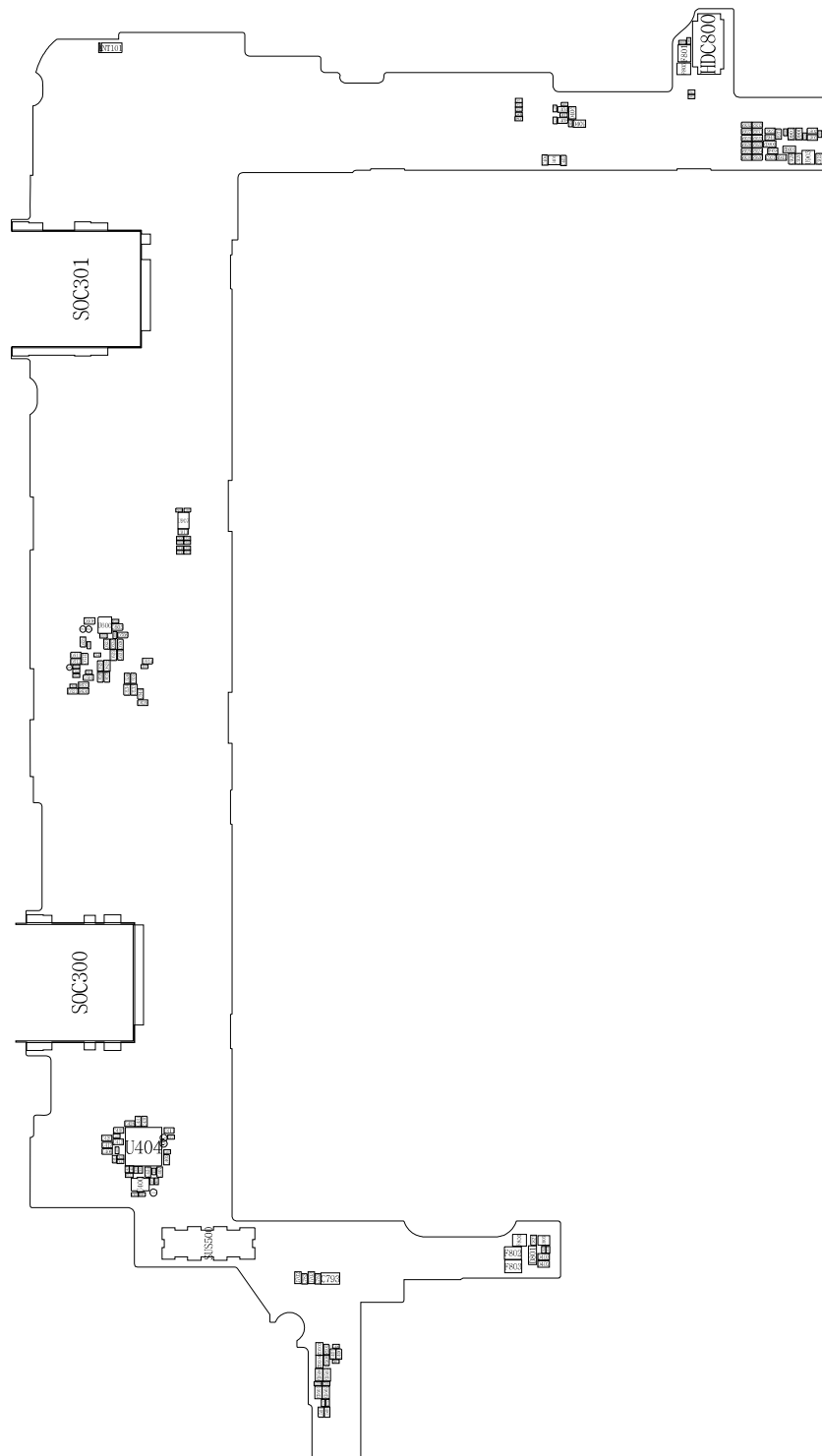


8-1. Block Diagram

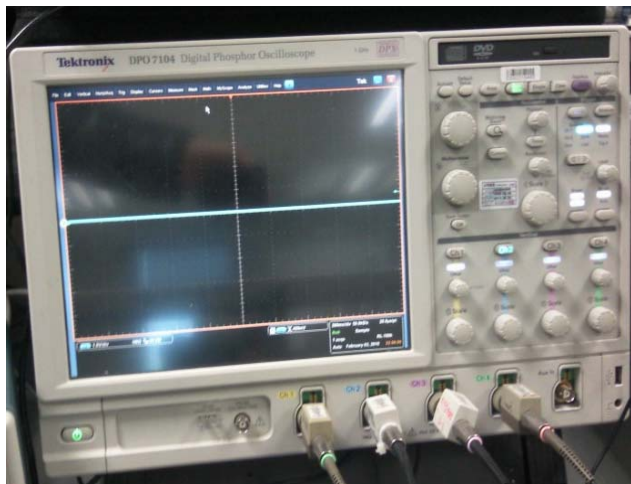


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8-3. Flow Chart of Troubleshooting

Equipments



↑ Oscilloscope



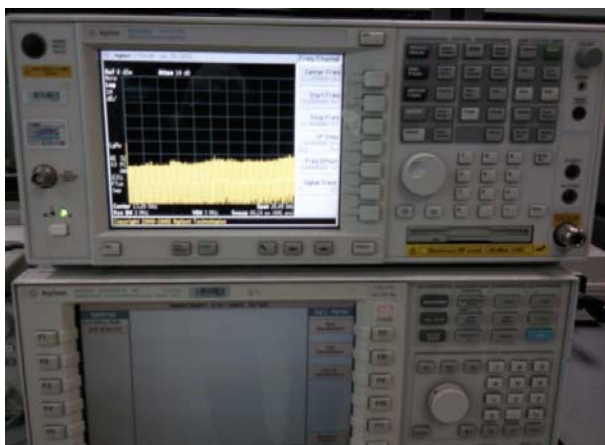
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer

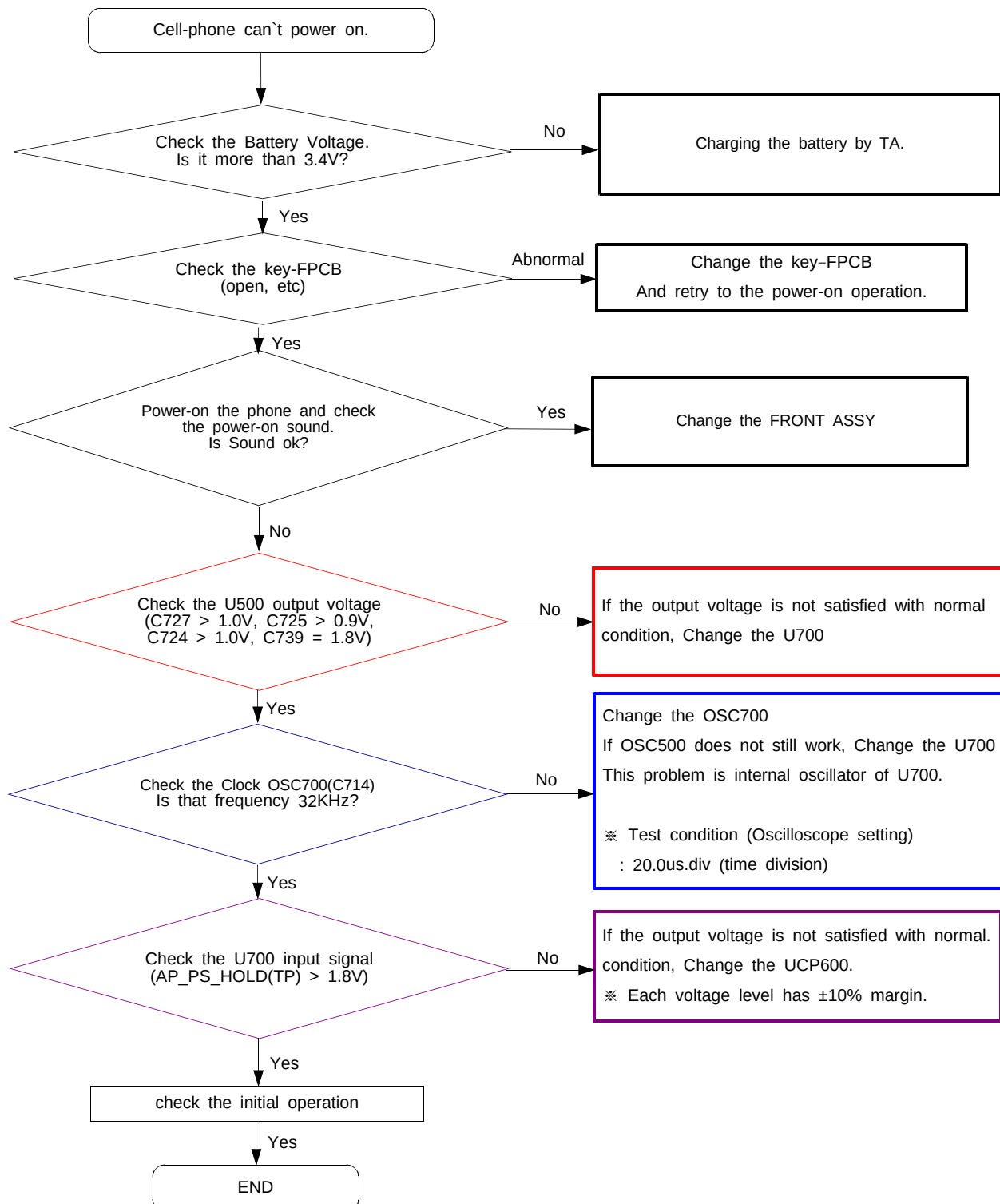


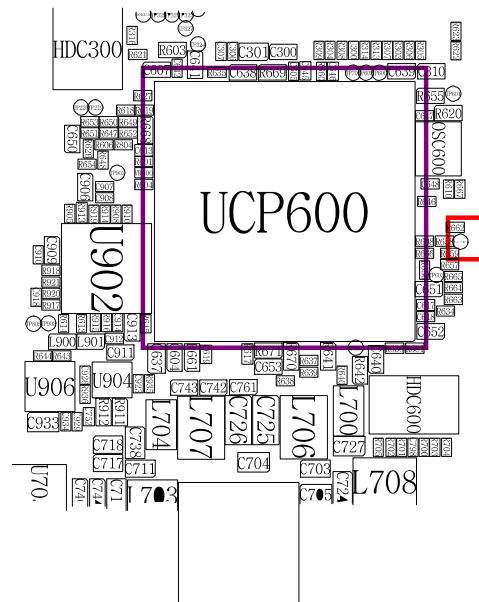
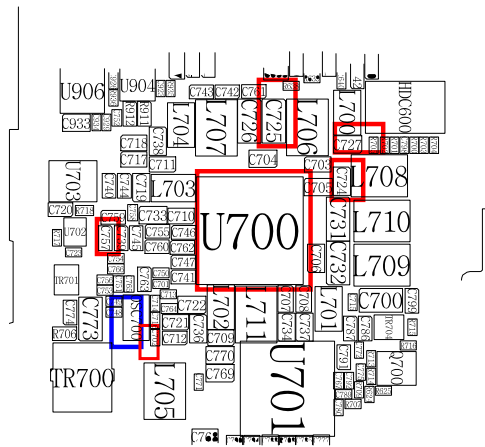
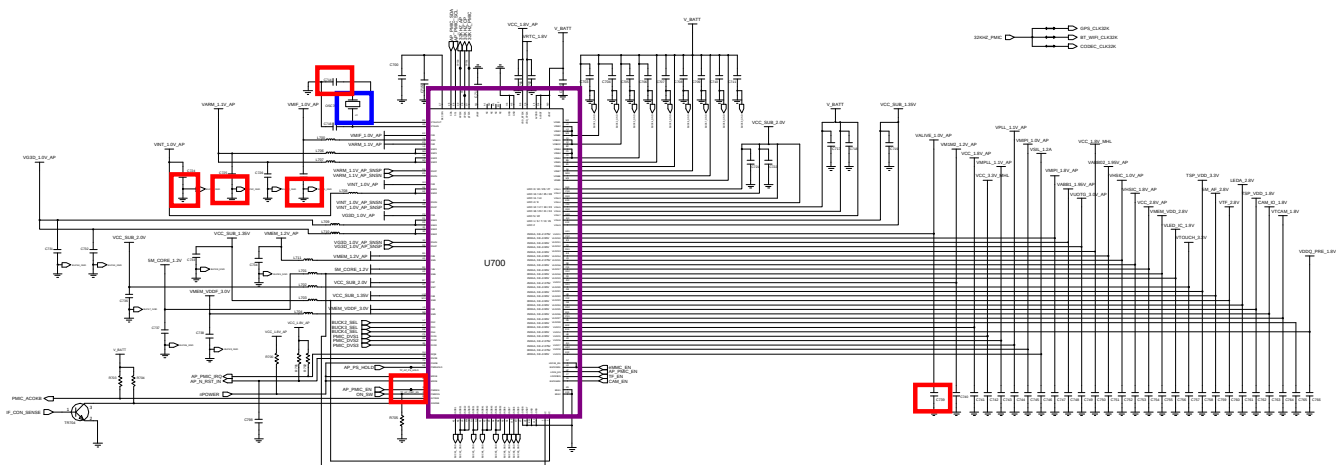
↑ 8960 & Spectrum Analyzer



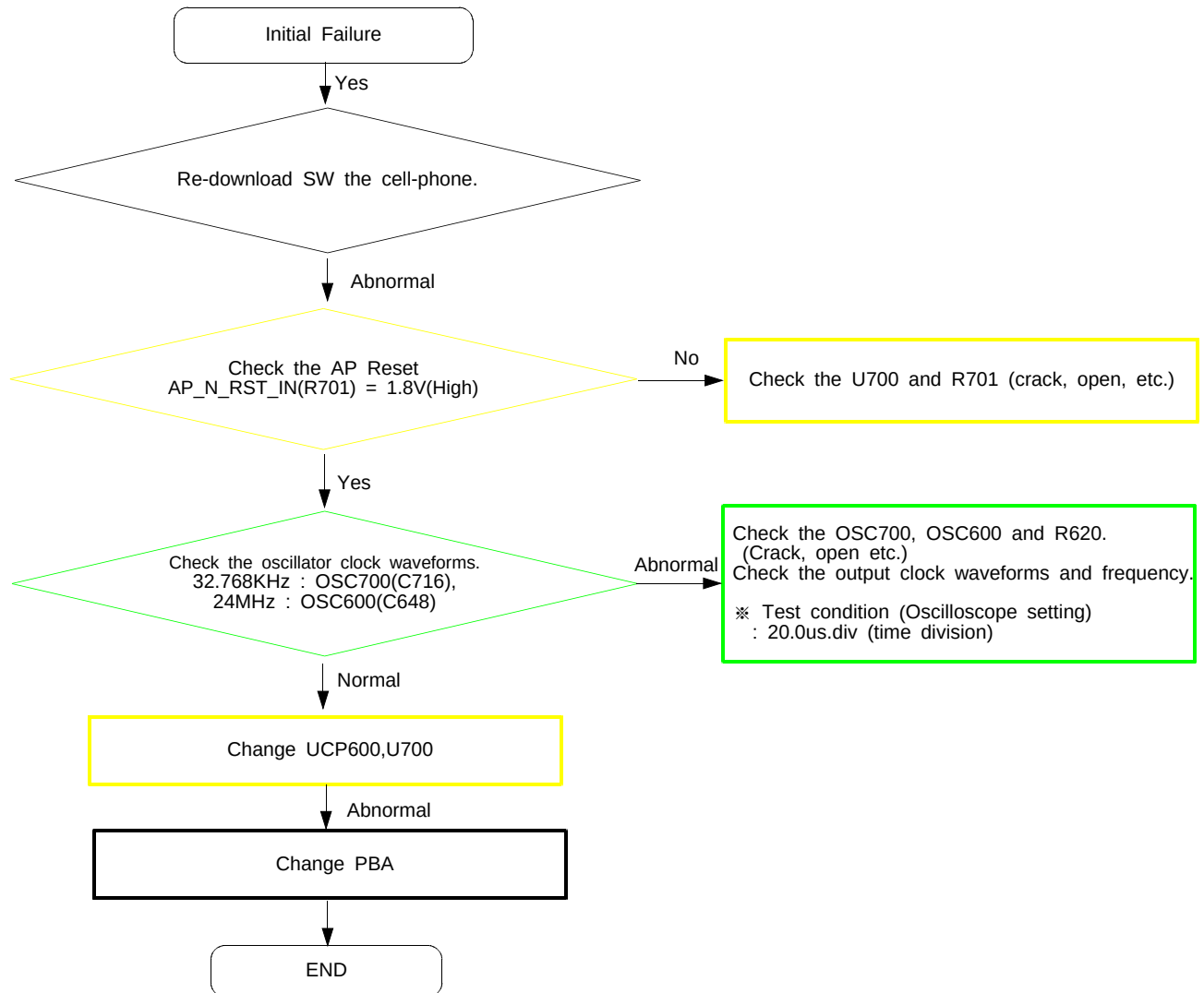
↑ Soldering iron

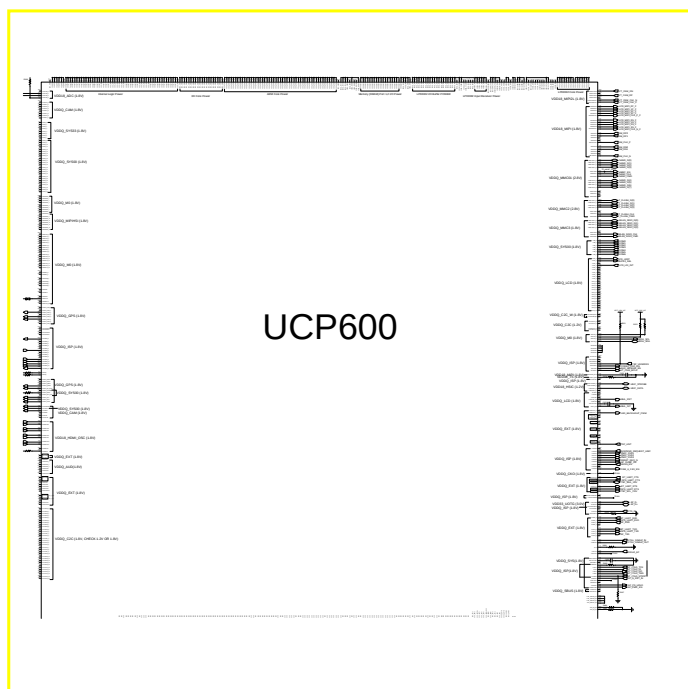
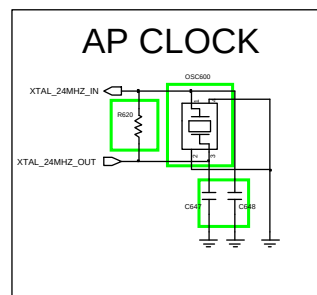
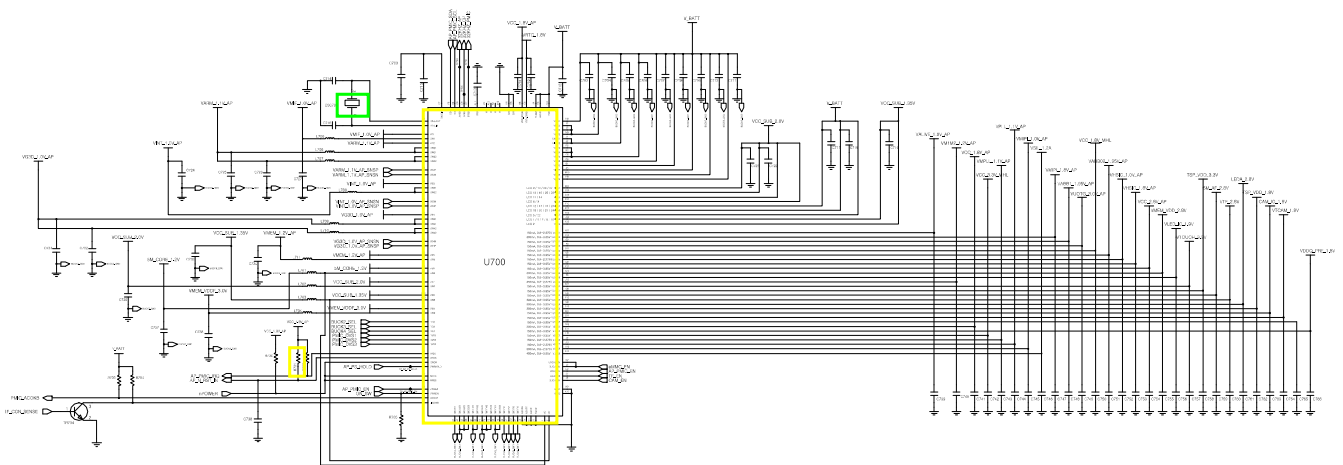
8-3-1. Power On

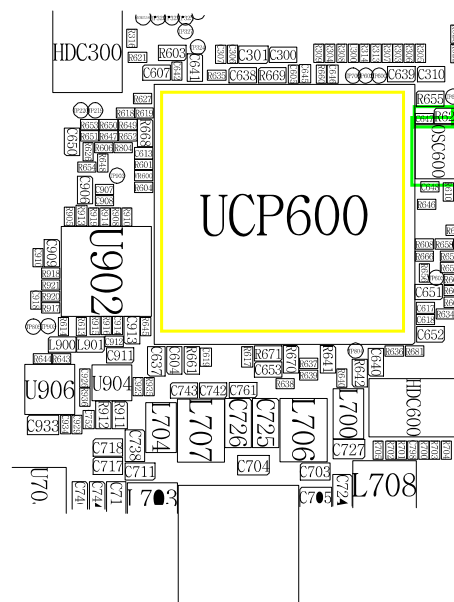
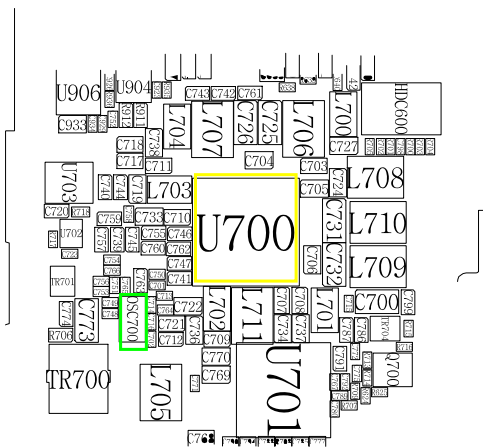




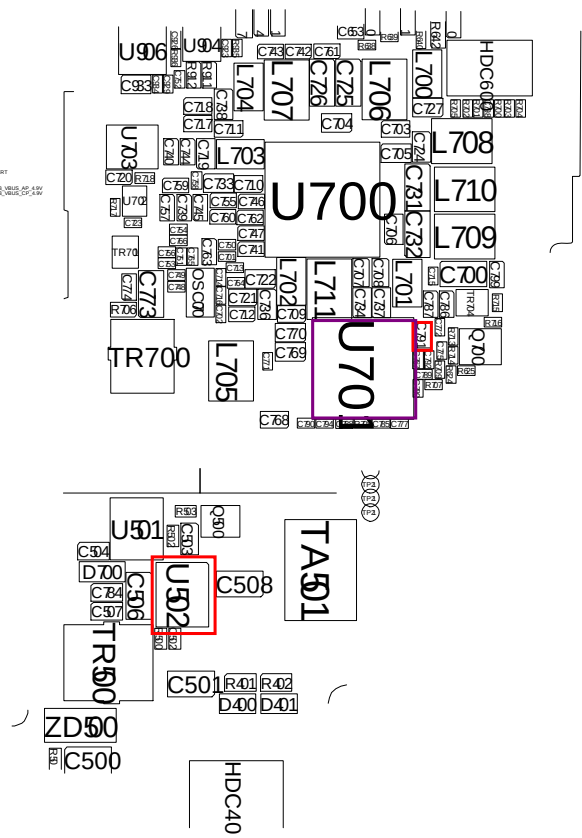
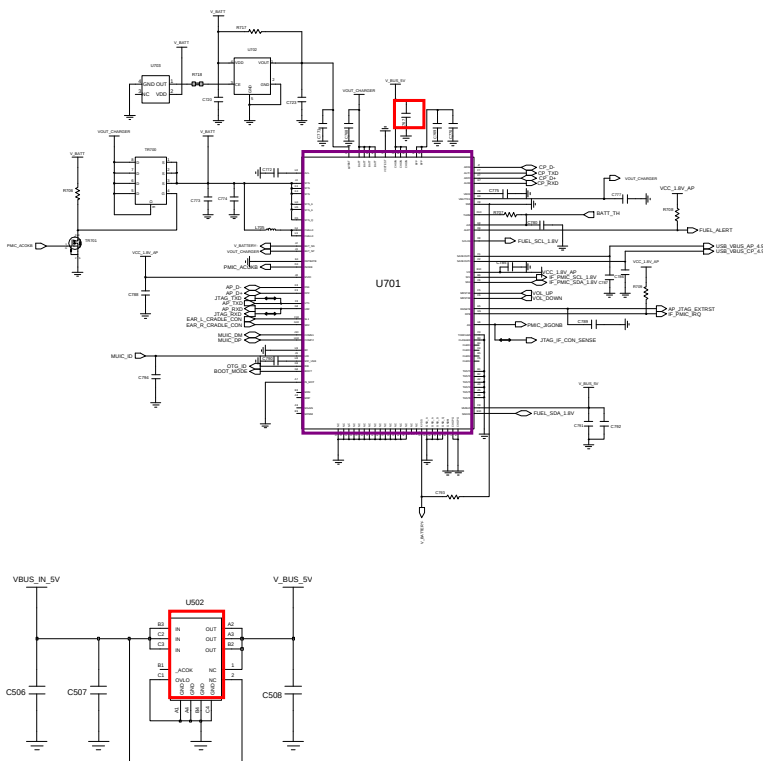
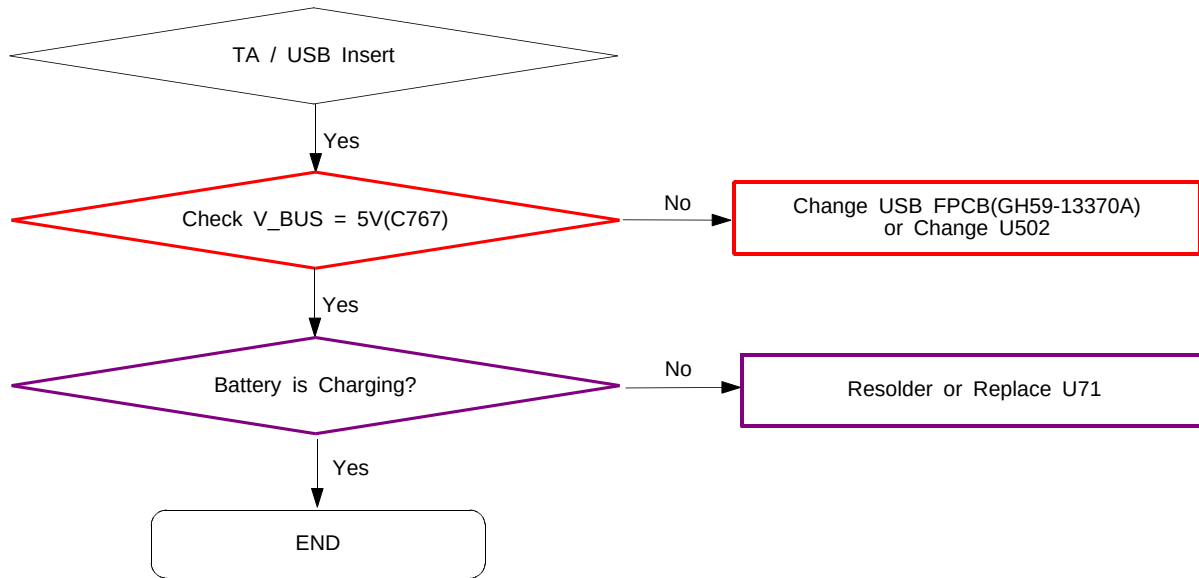
8-3-2. Initial



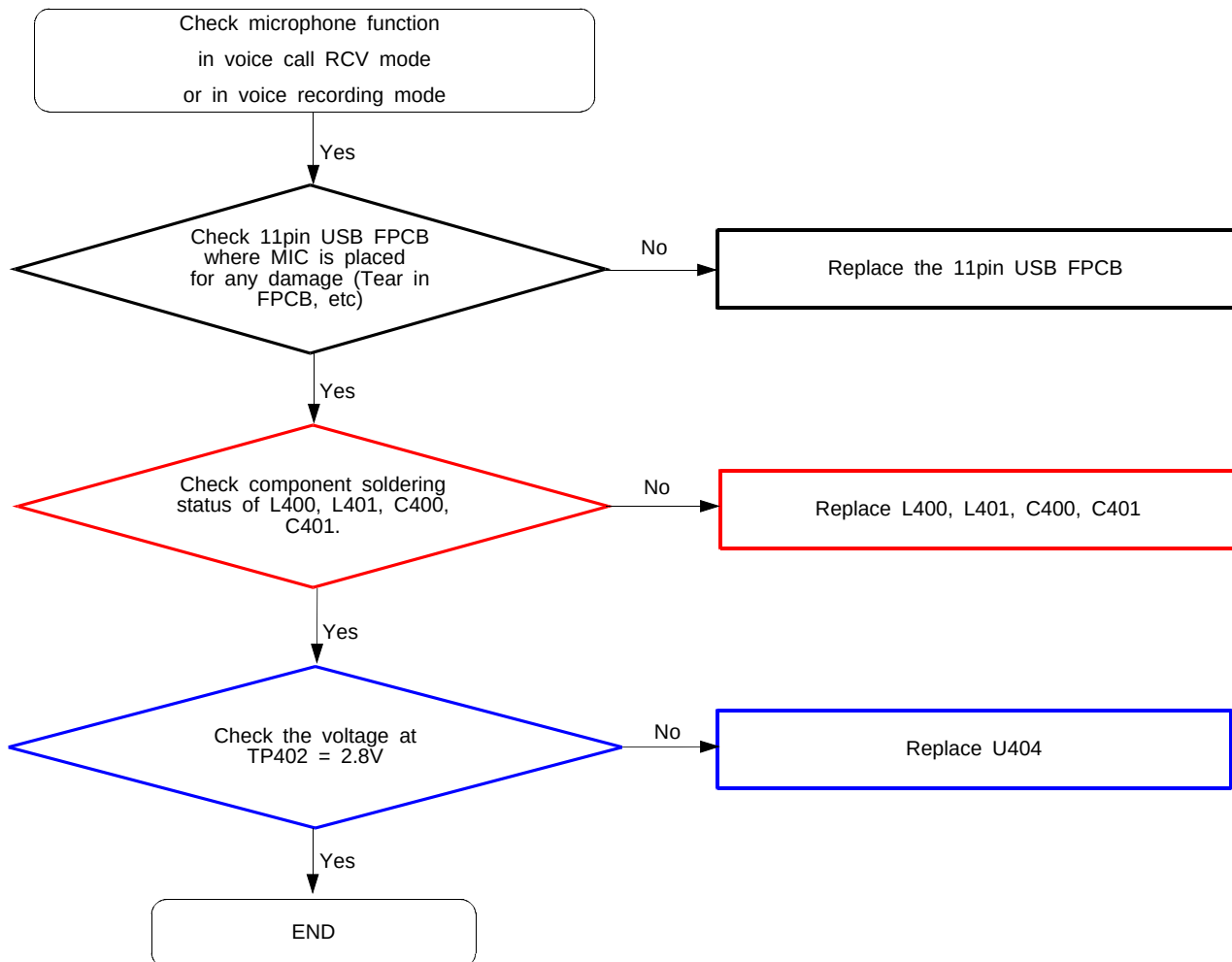


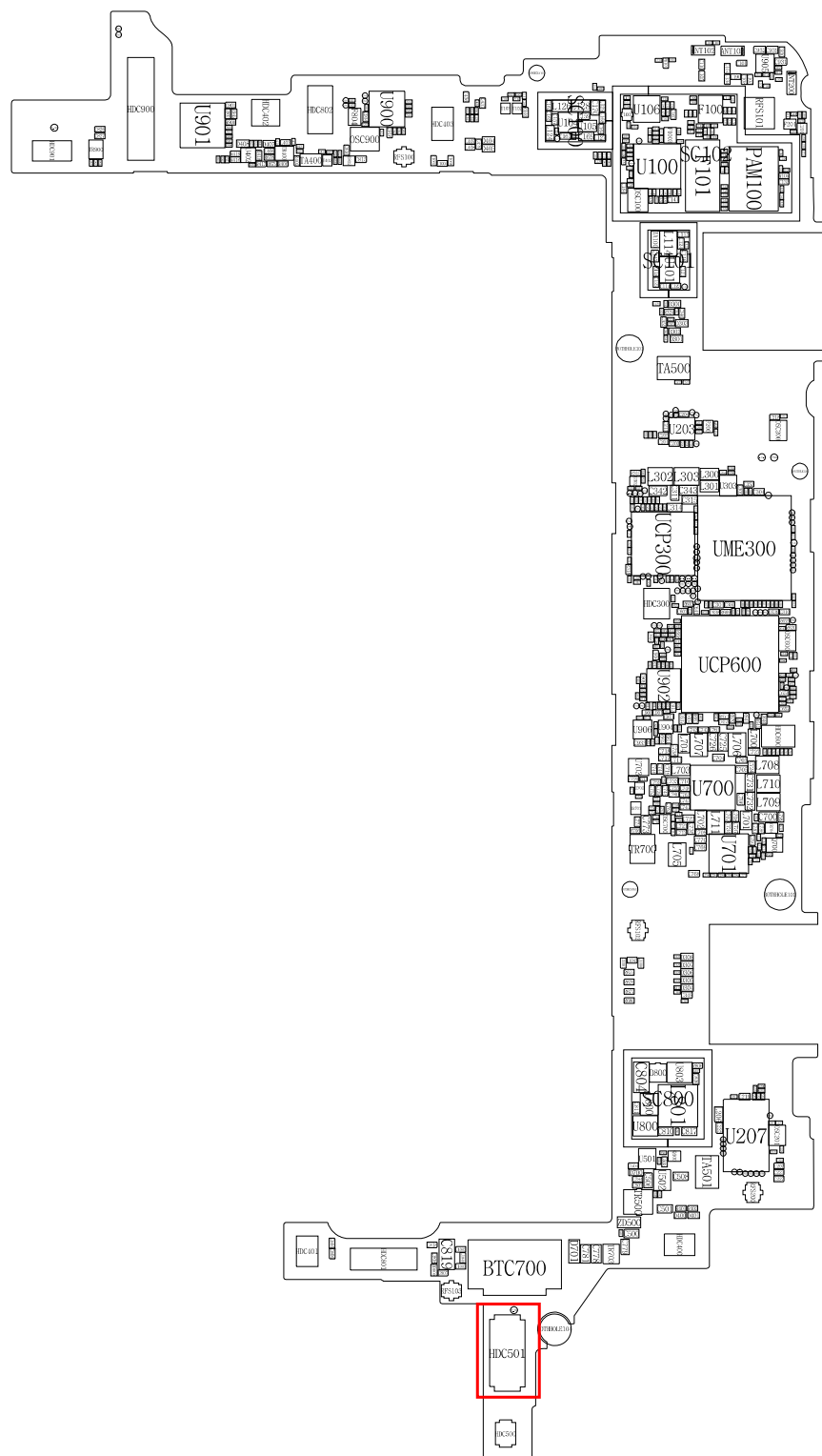


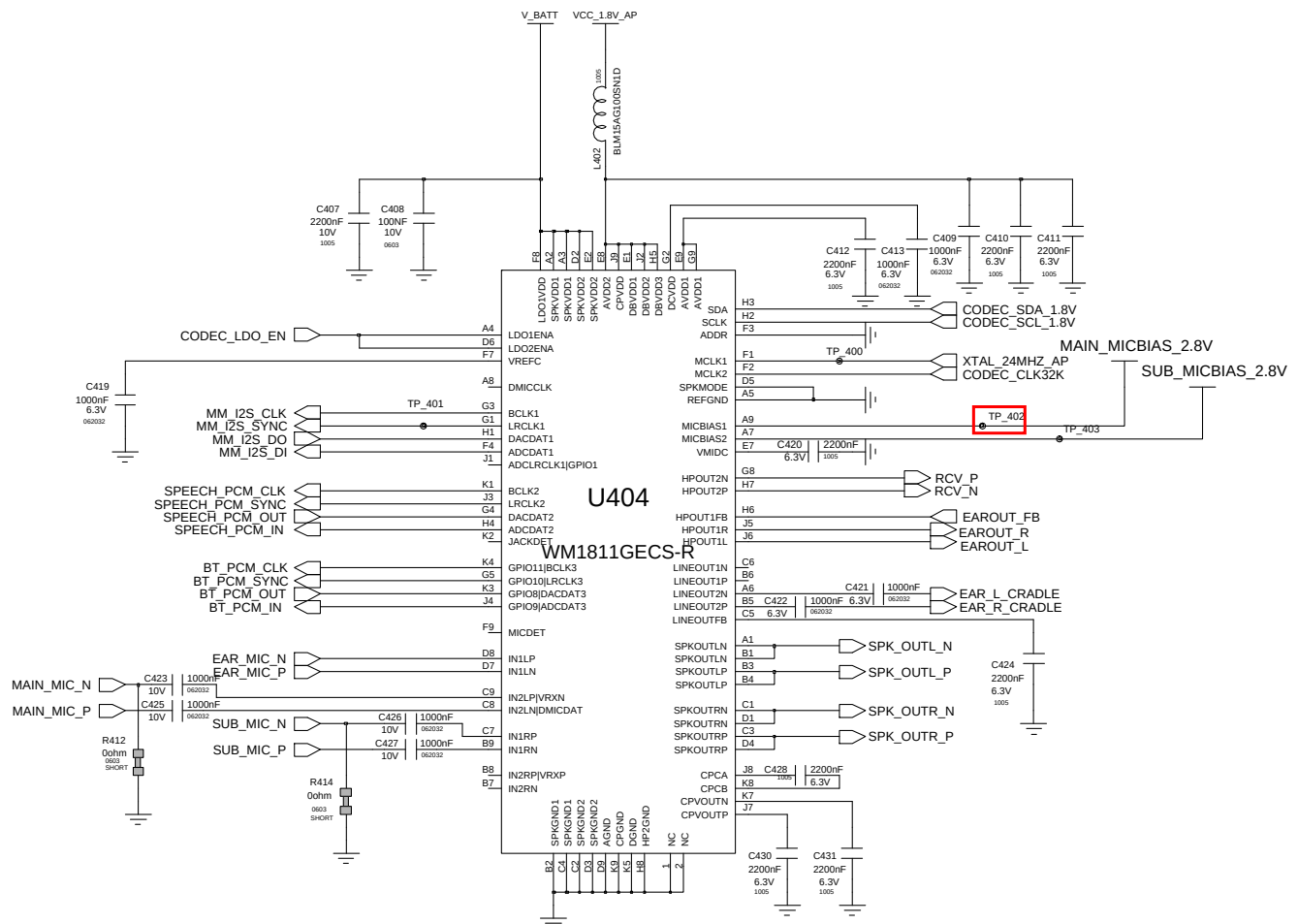
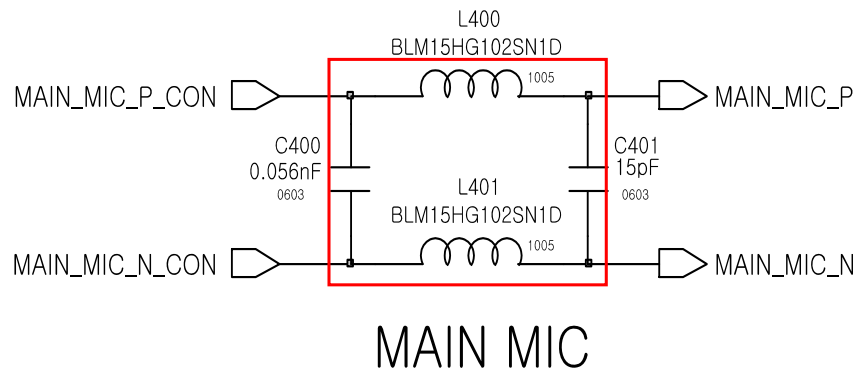
8-3-3. Charging Part



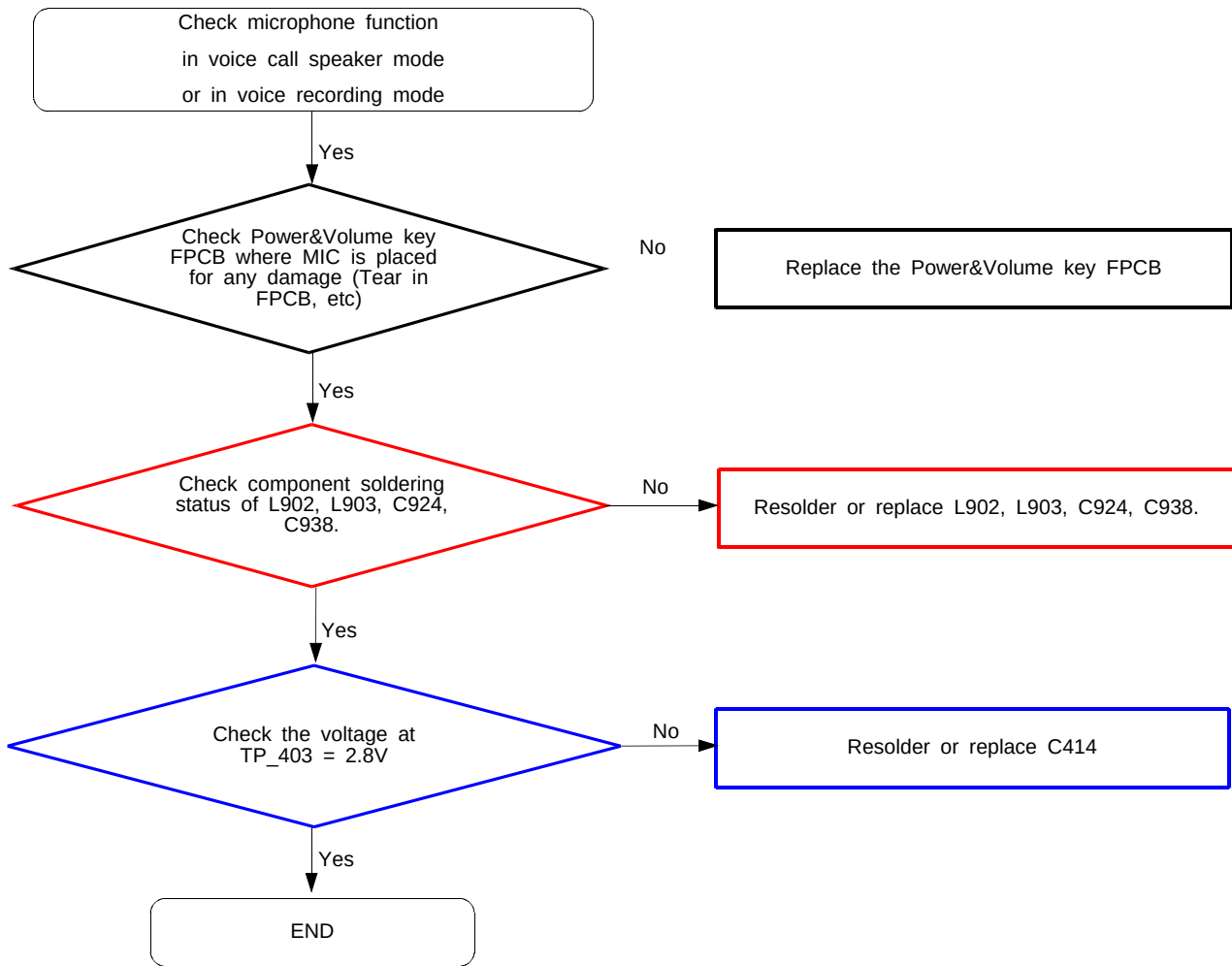
8-3-4. Microphone Part (MAIN MIC)

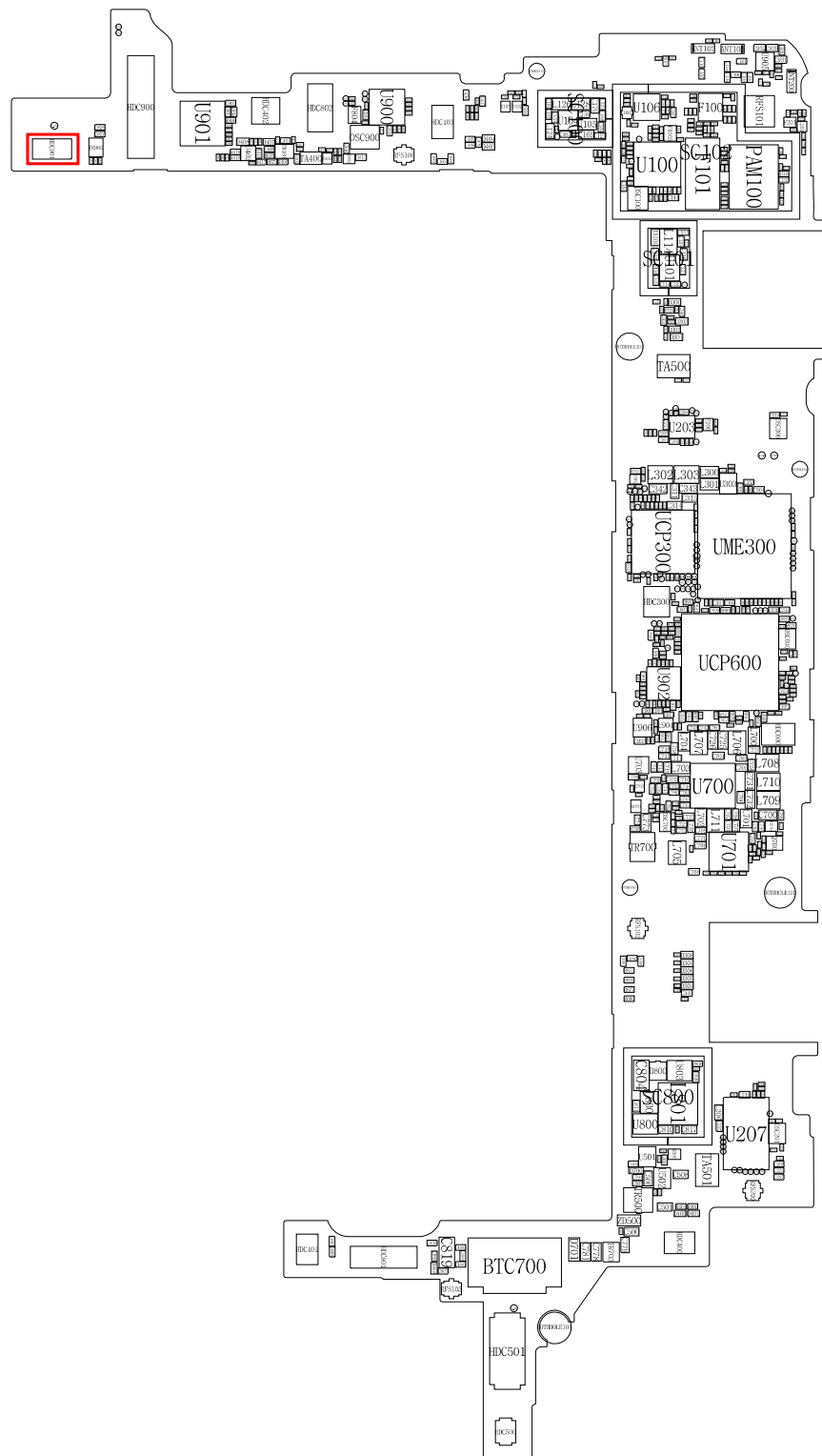


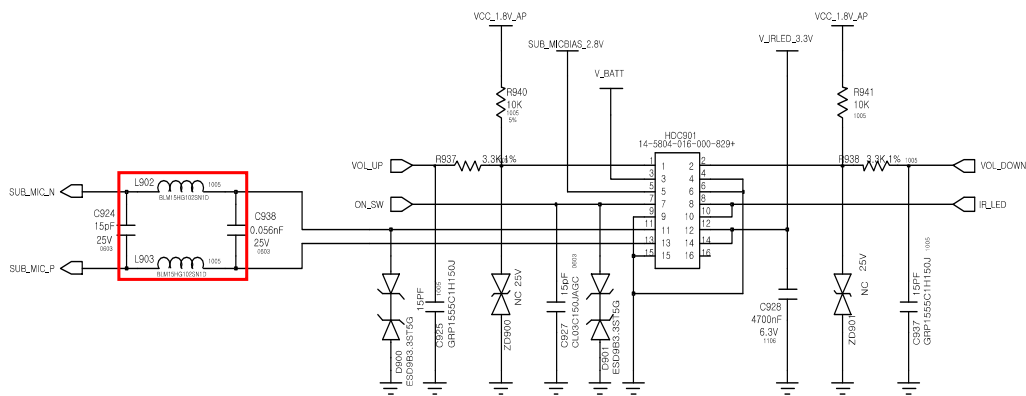




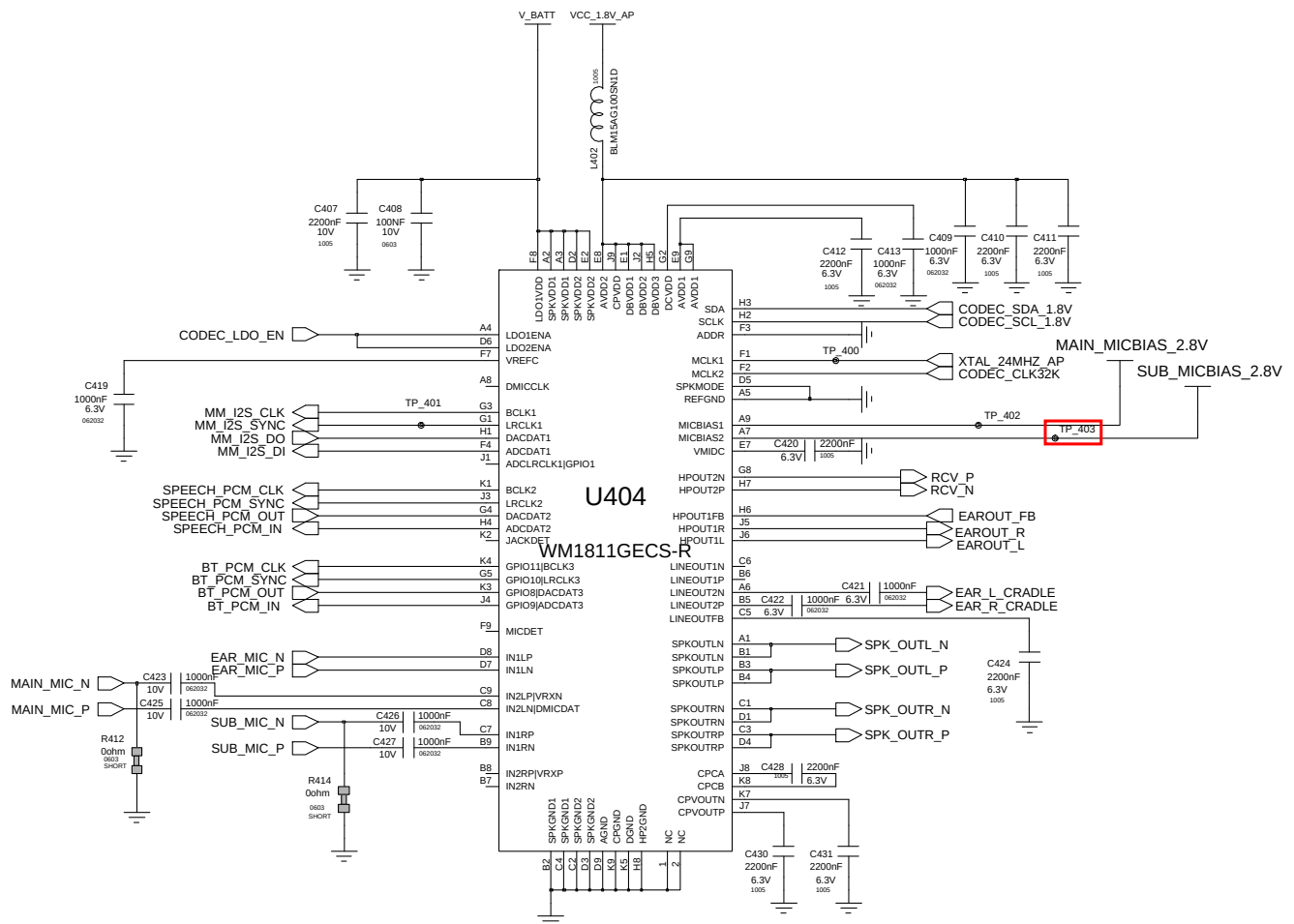
8-3-4. Microphone Part (SUB MIC)





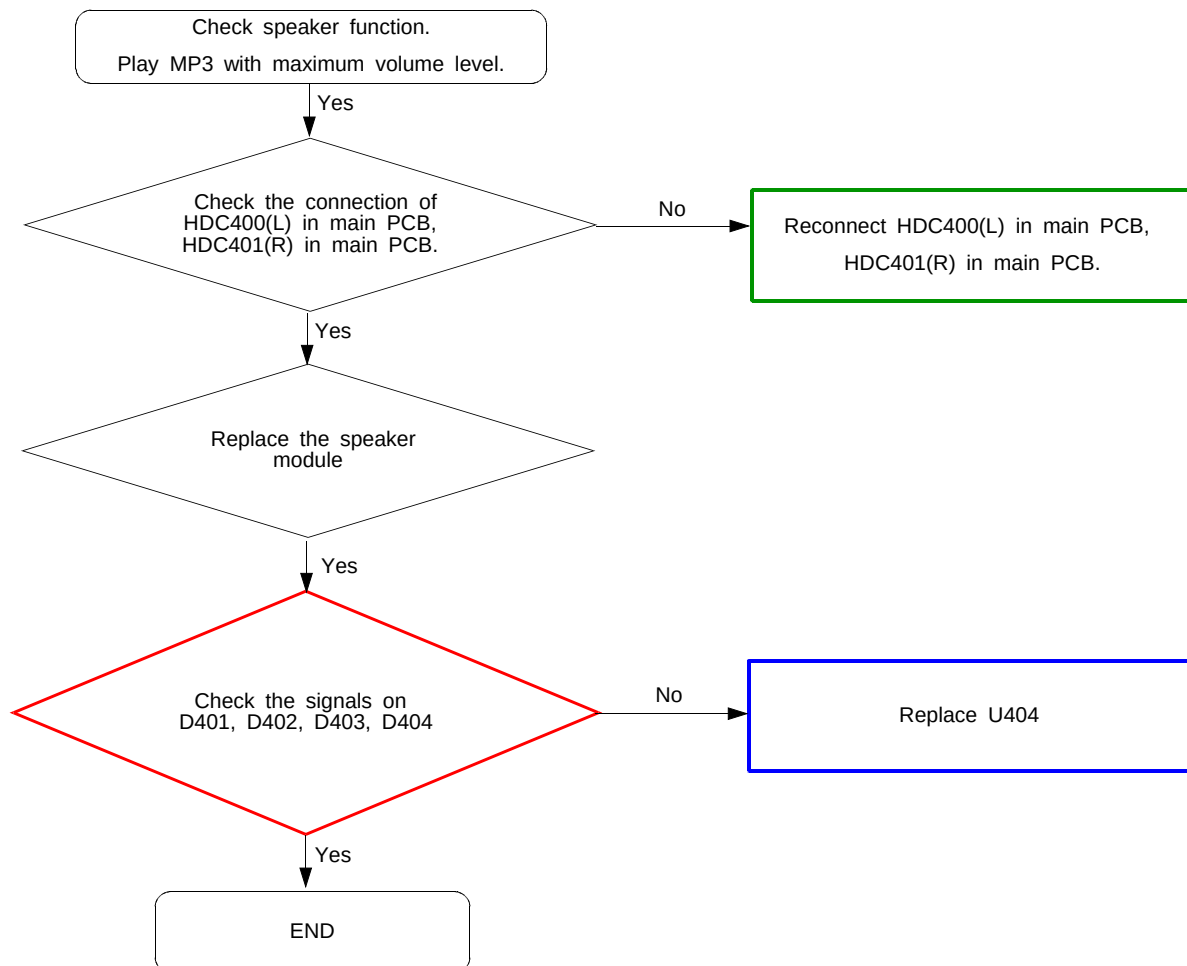


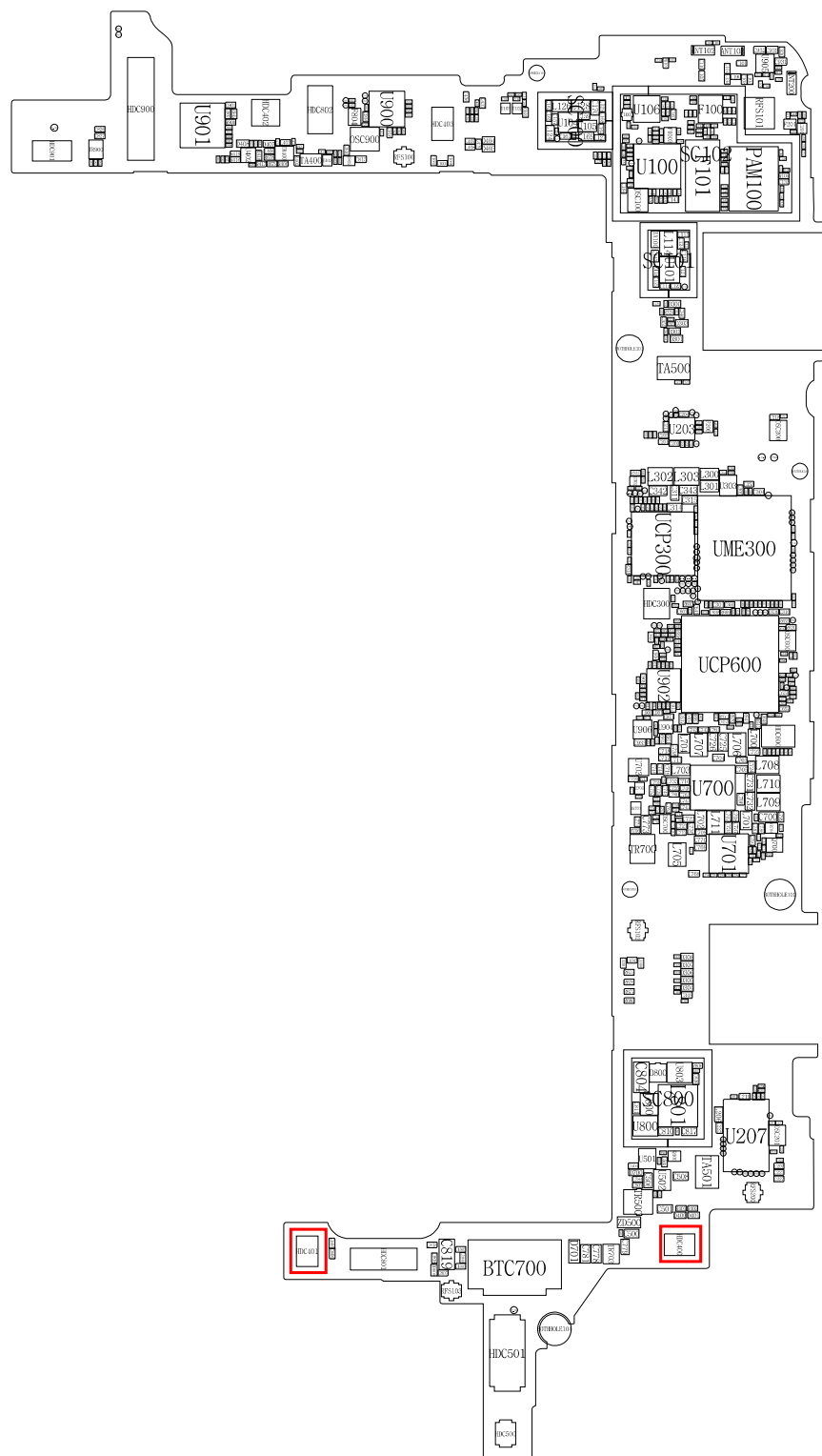
POWER & VOLUME KEY & IRLED & SUB MIC CONNECTOR

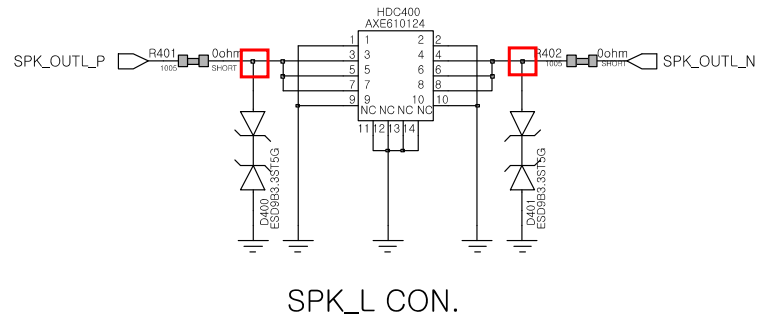
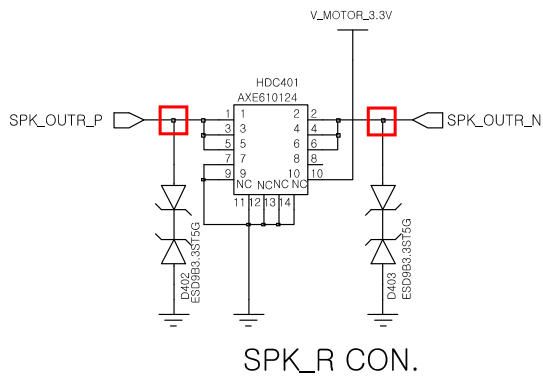


Audio Codec

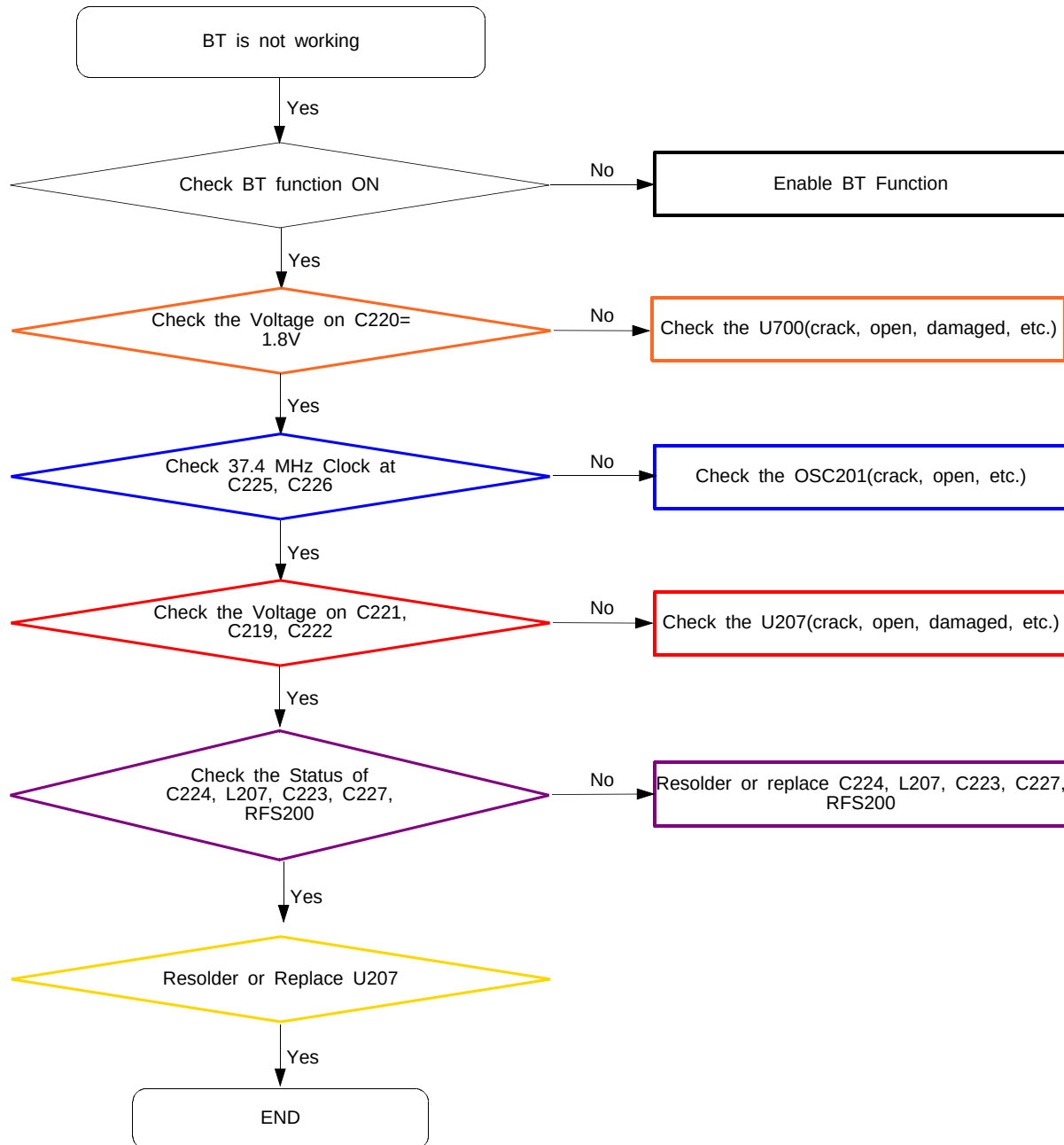
8-3-5. Speaker Part

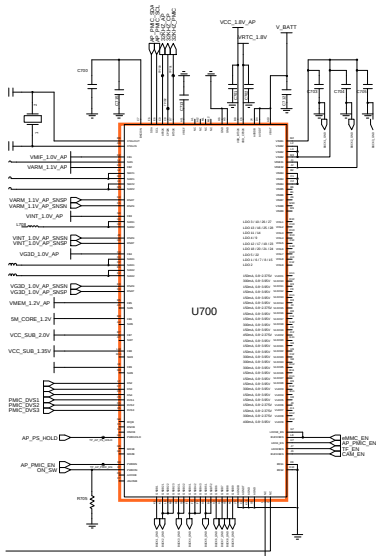


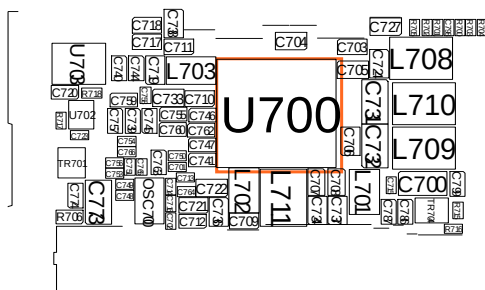
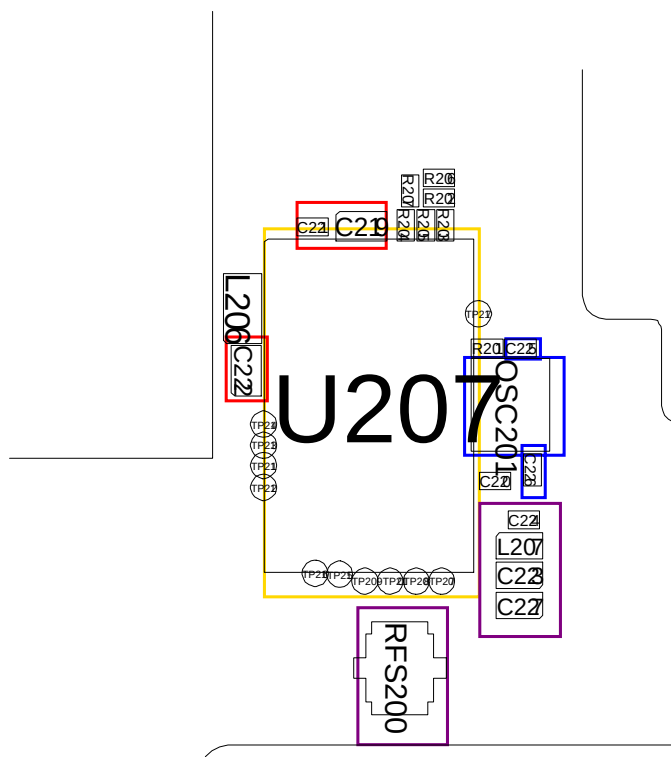




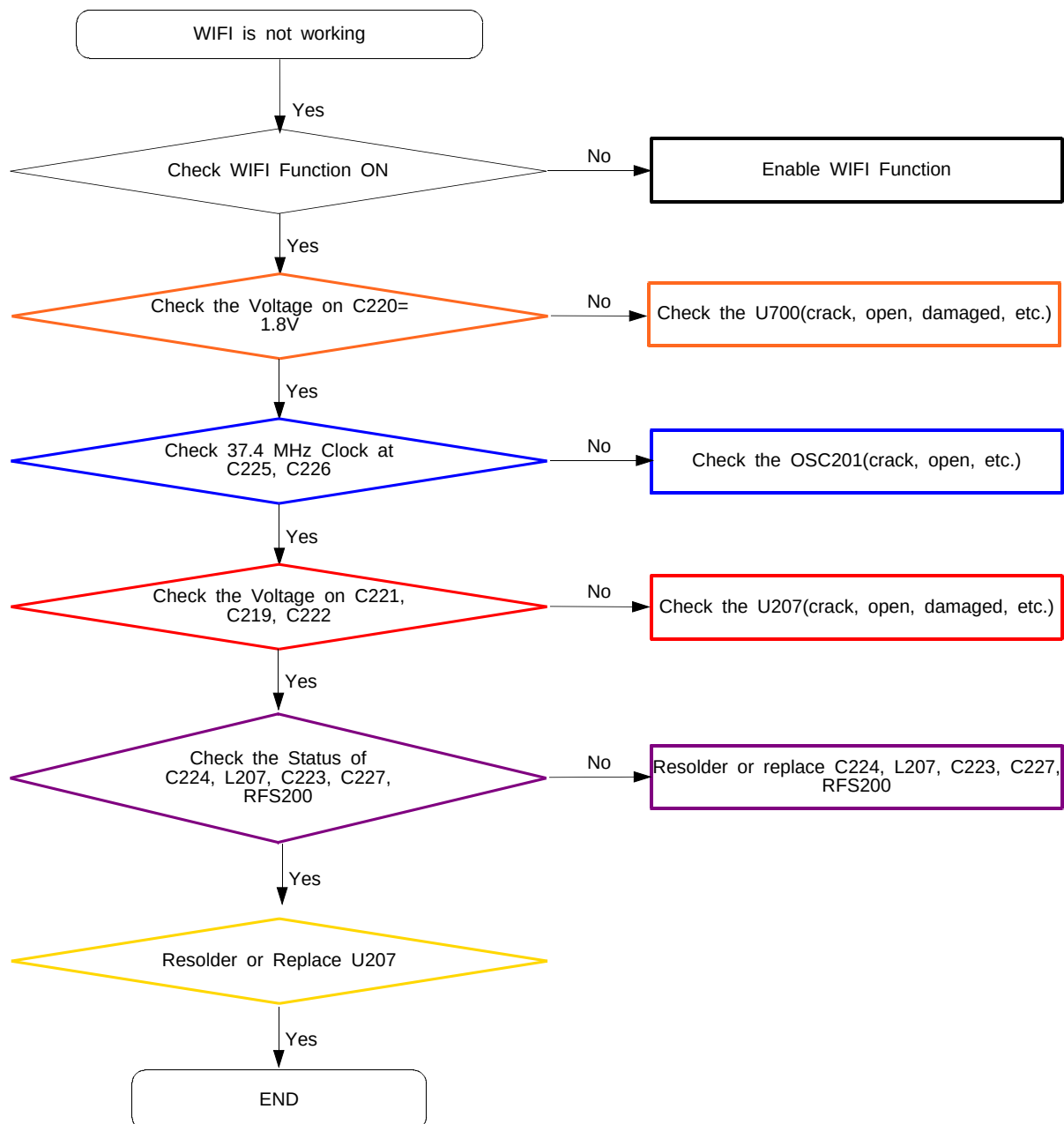
8-3-6. BT Part

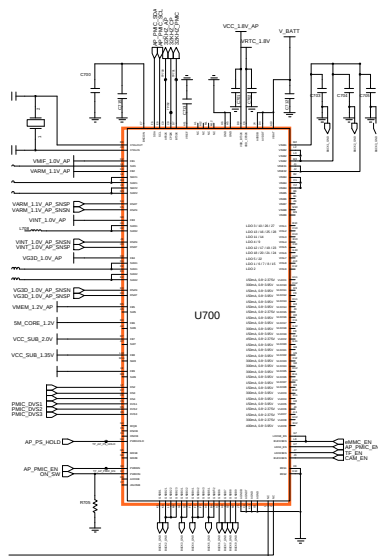


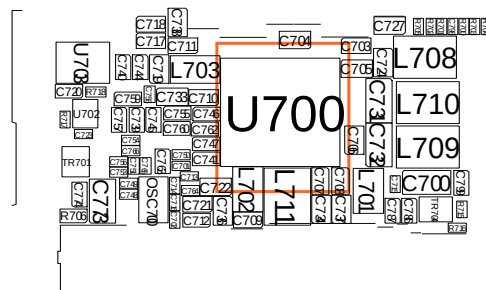
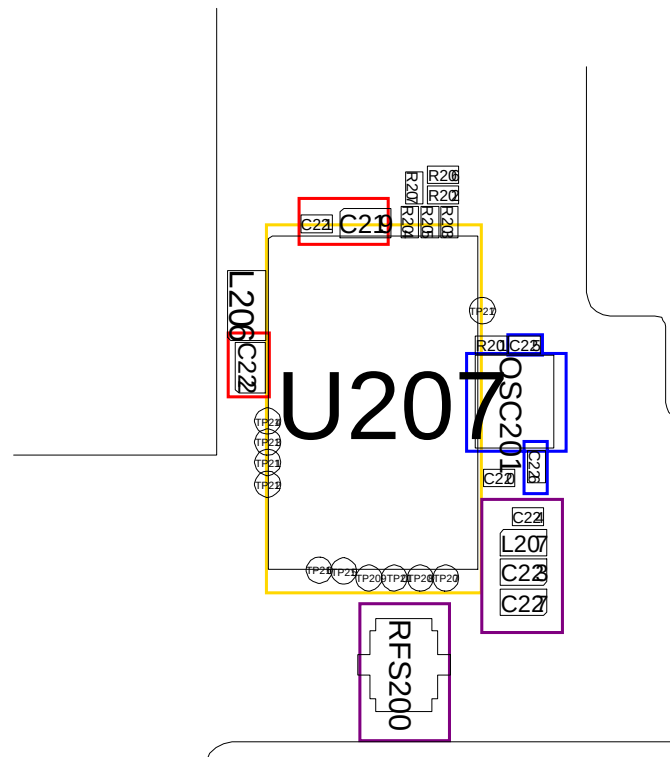




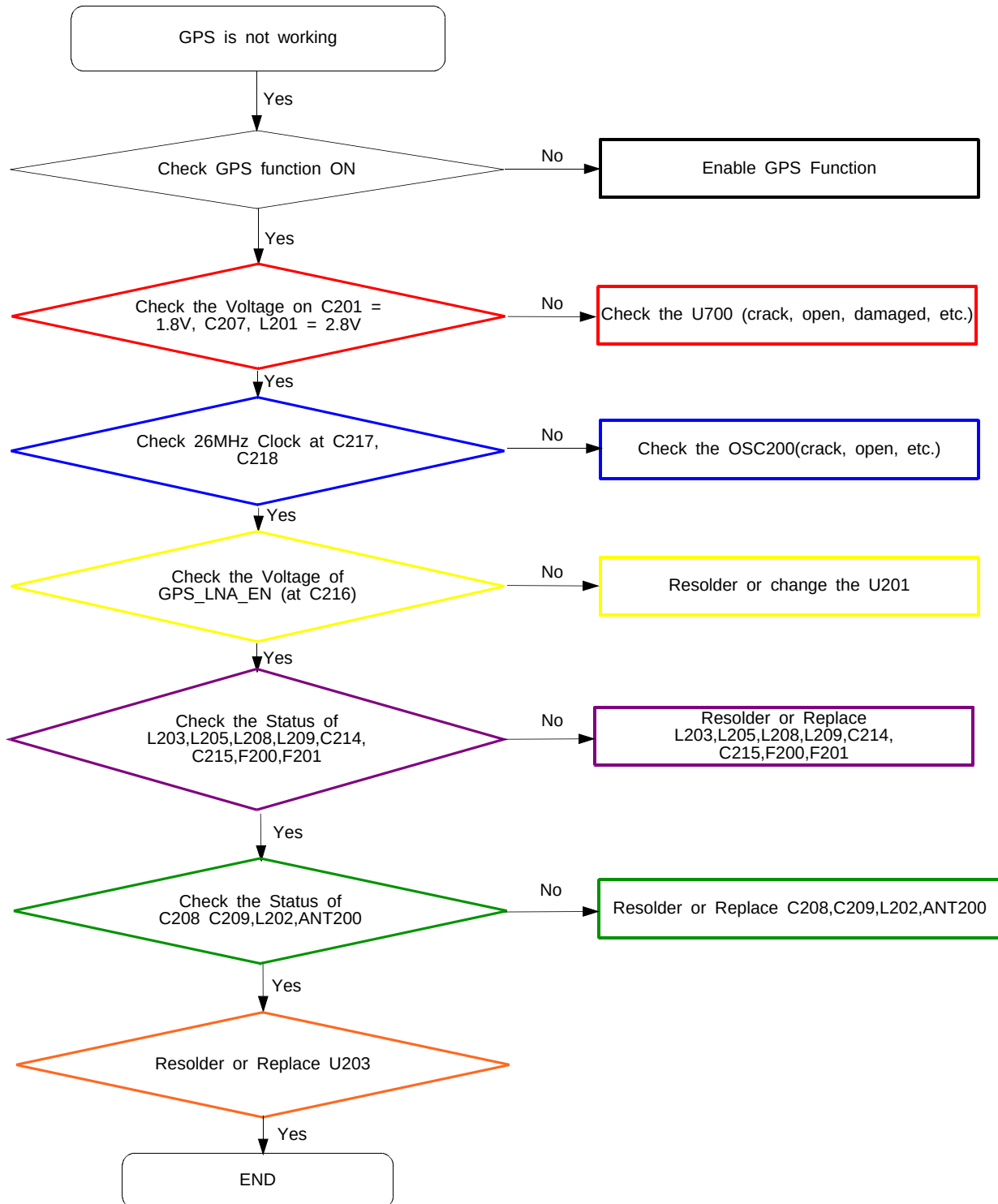
8-3-7. WIFI Part

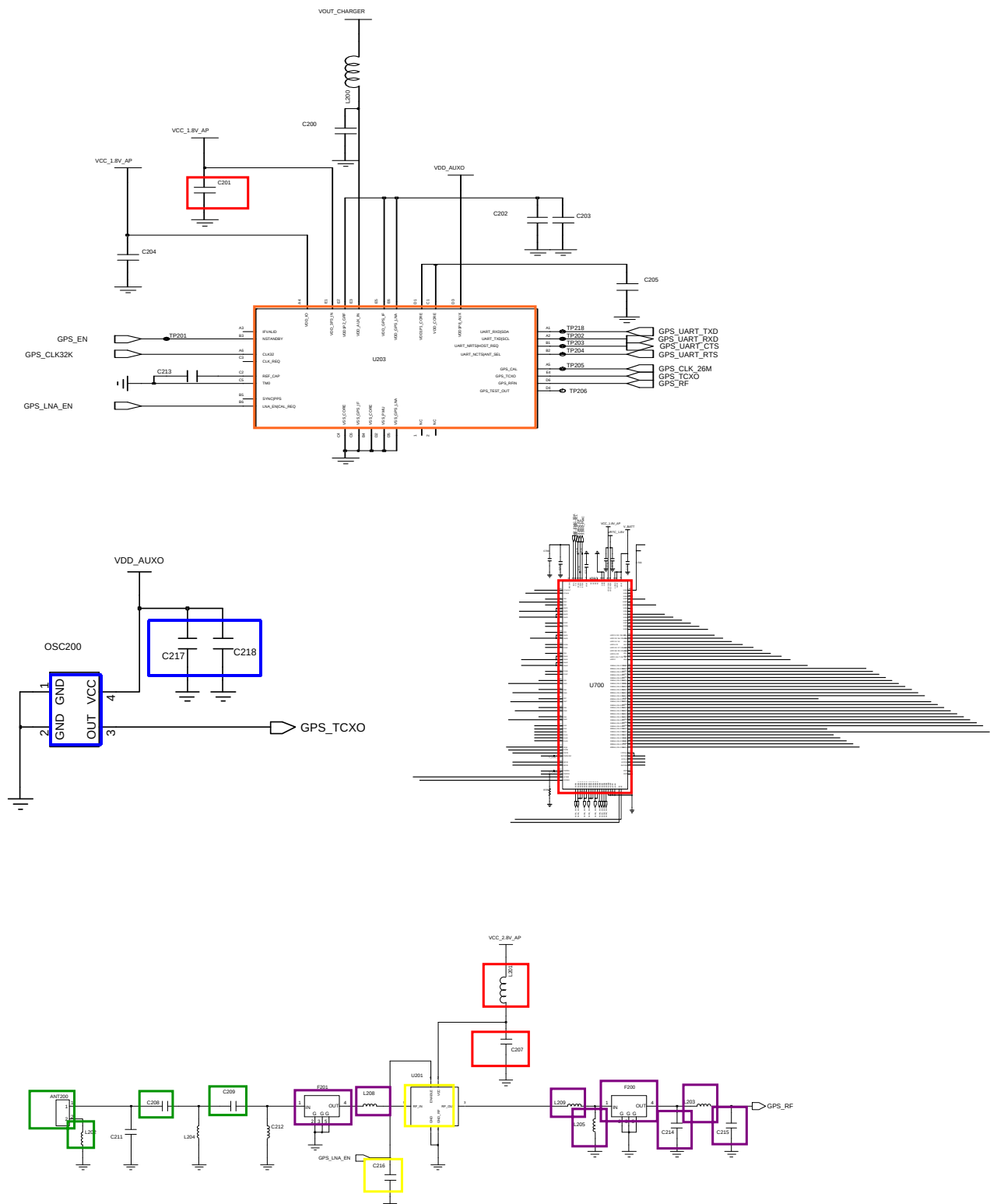




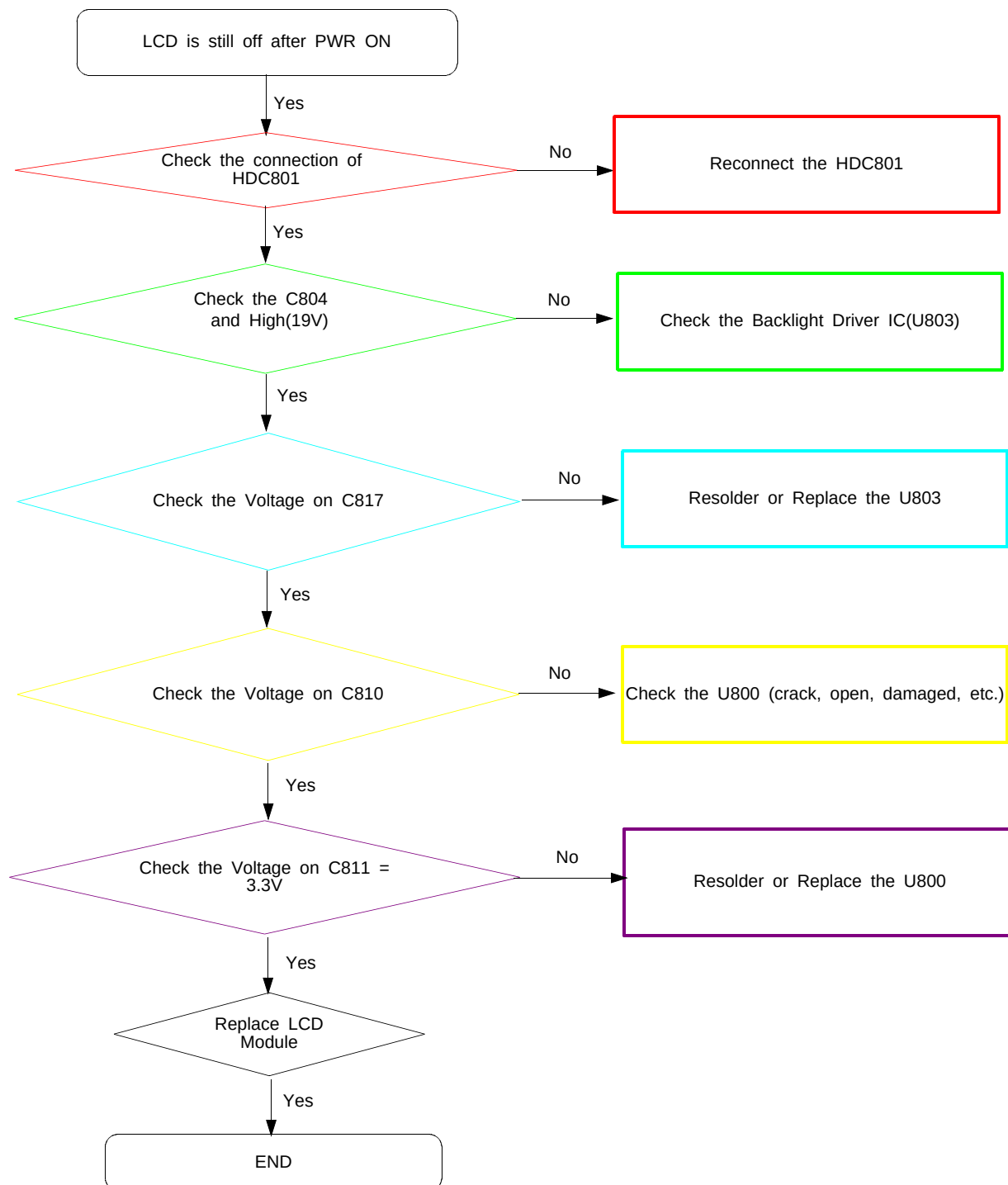


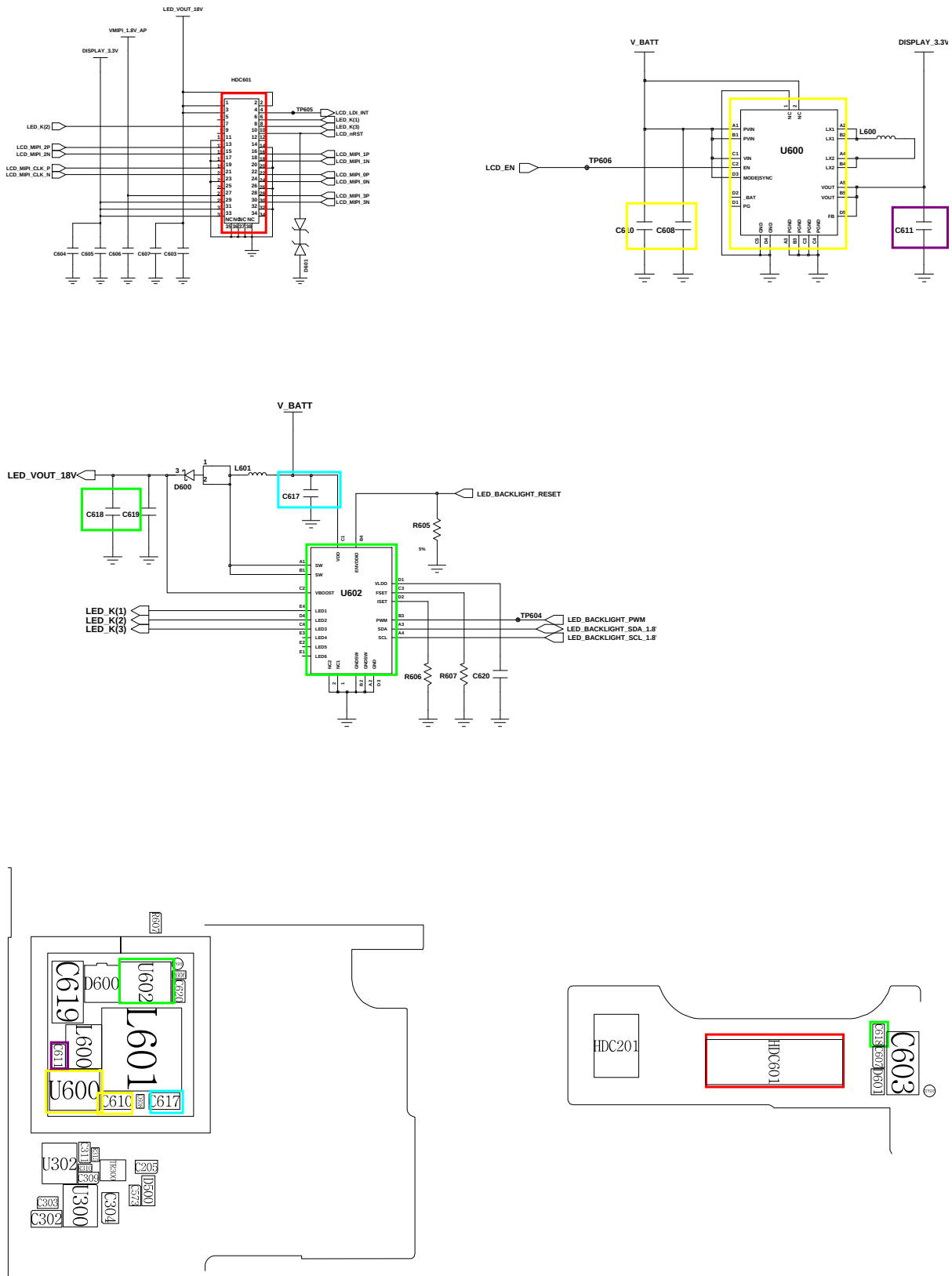
8-3-8. GPS Part



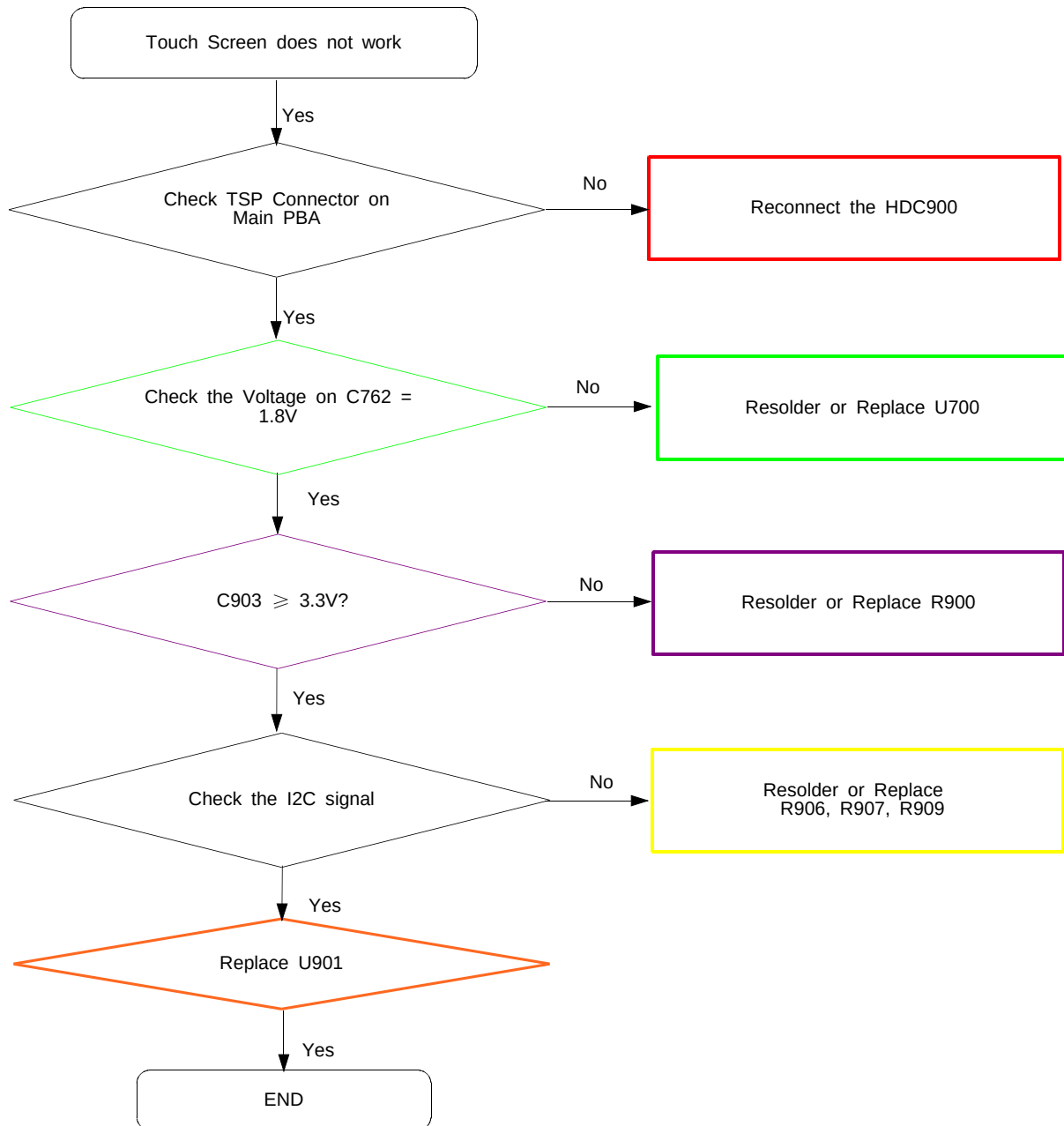


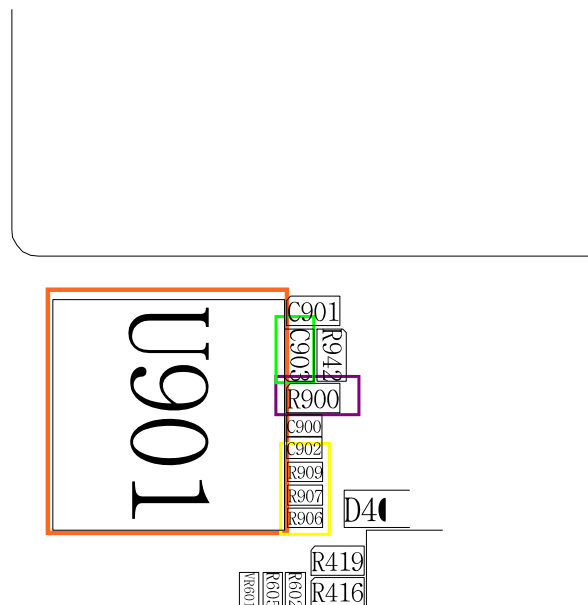
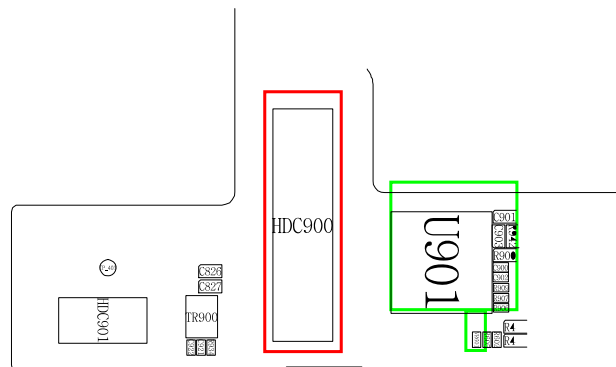
8-3-9. LCD



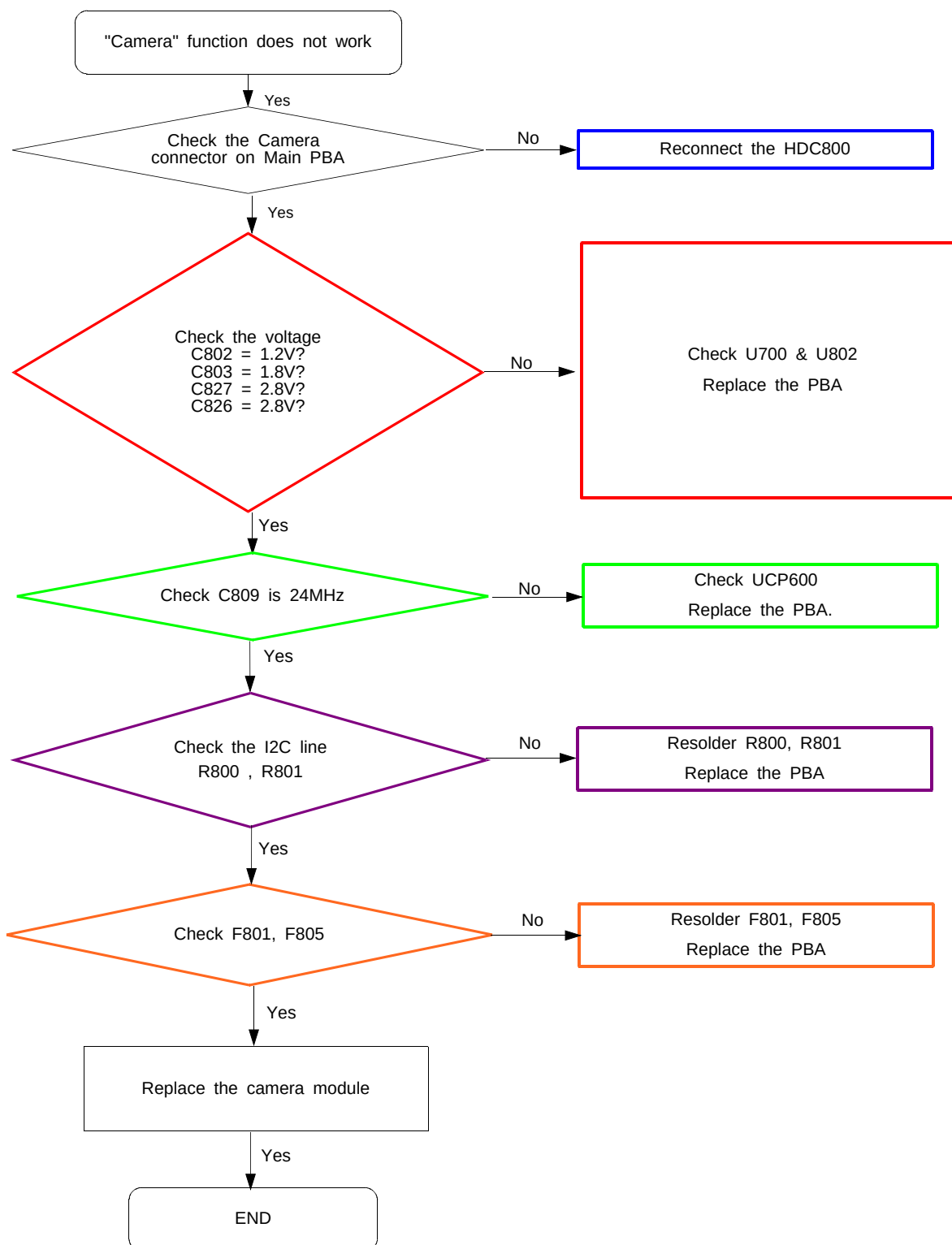


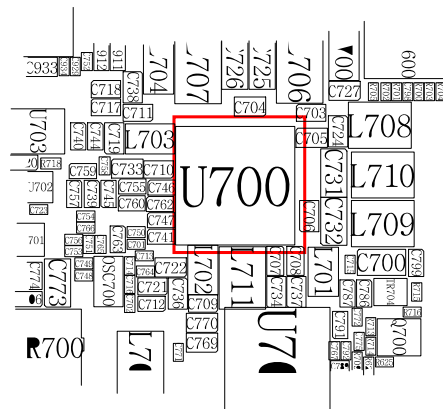
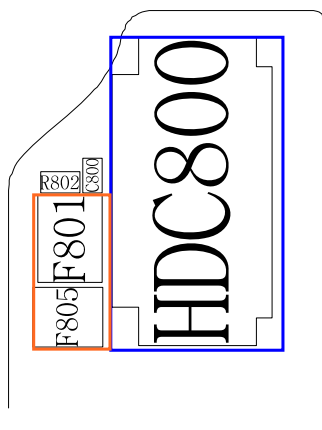
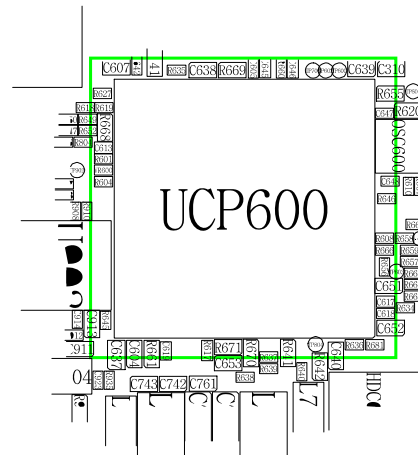
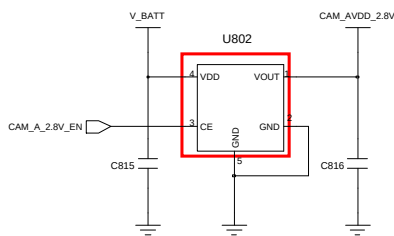
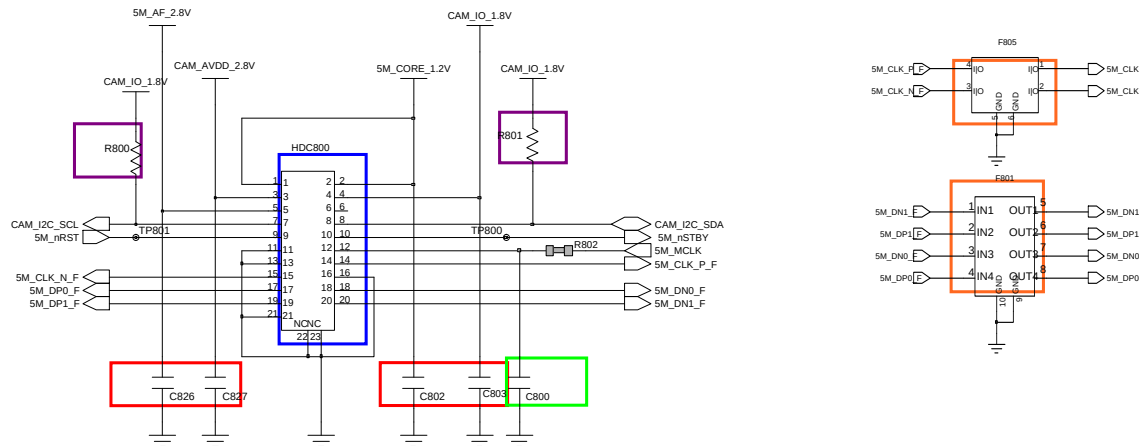
8-3-10. TSP



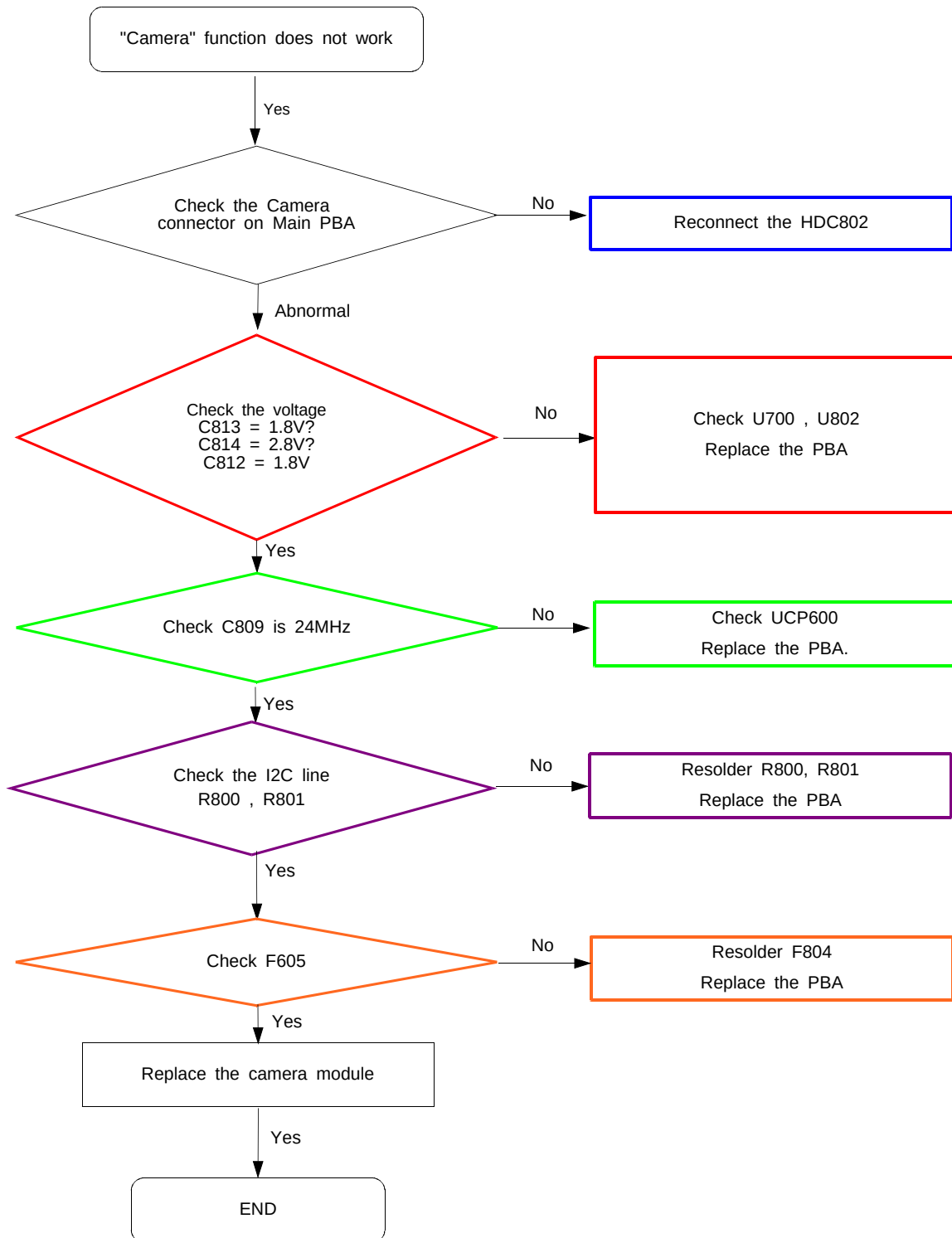


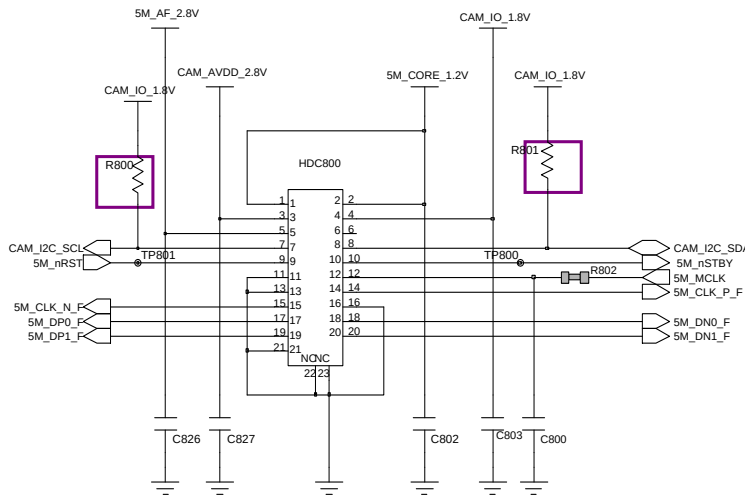
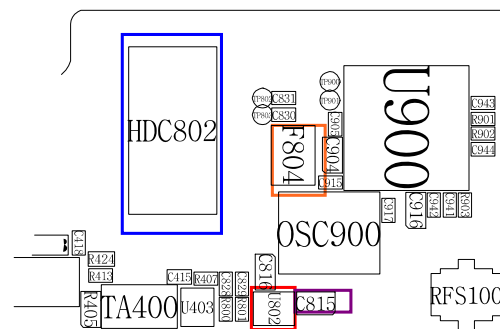
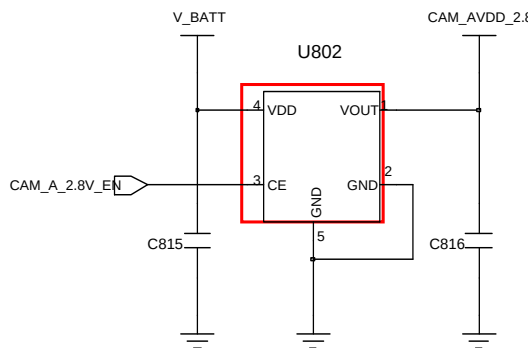
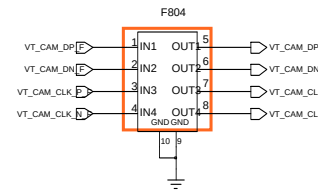
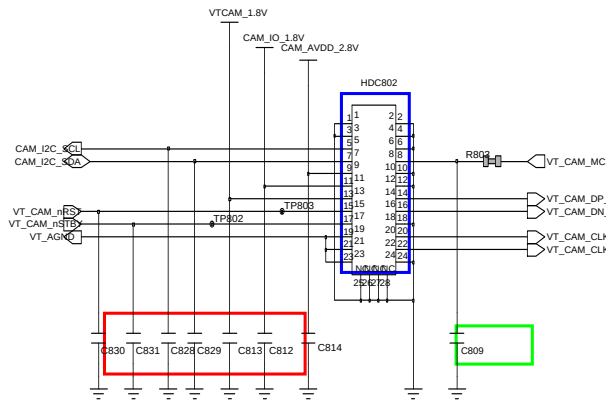
8-3-11. 5M CAM

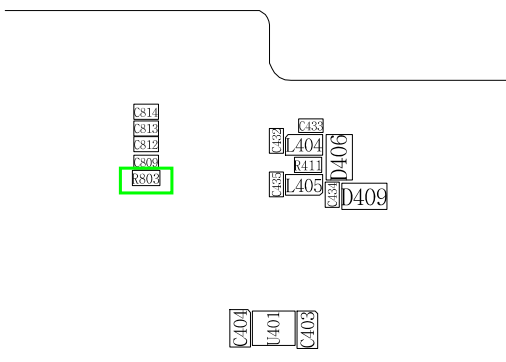
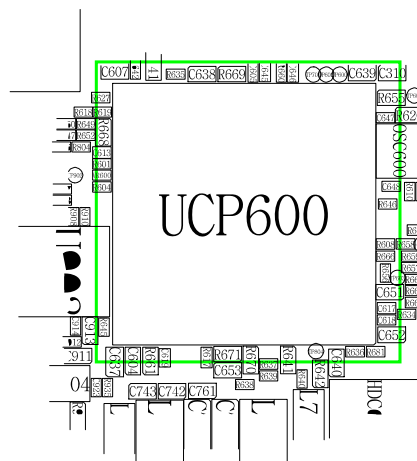
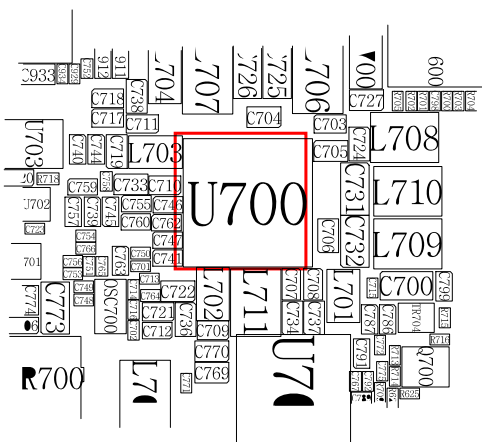




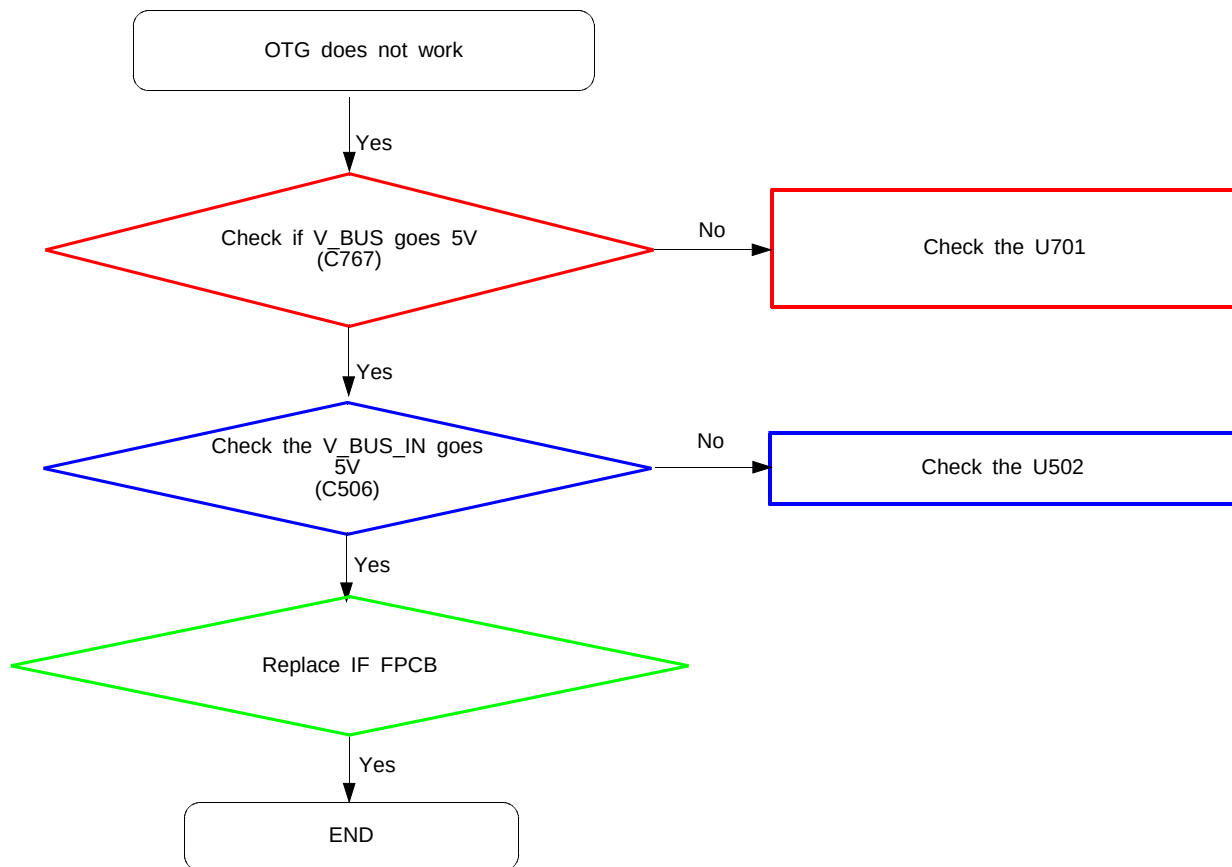
8-3-12. 1.3M CAM



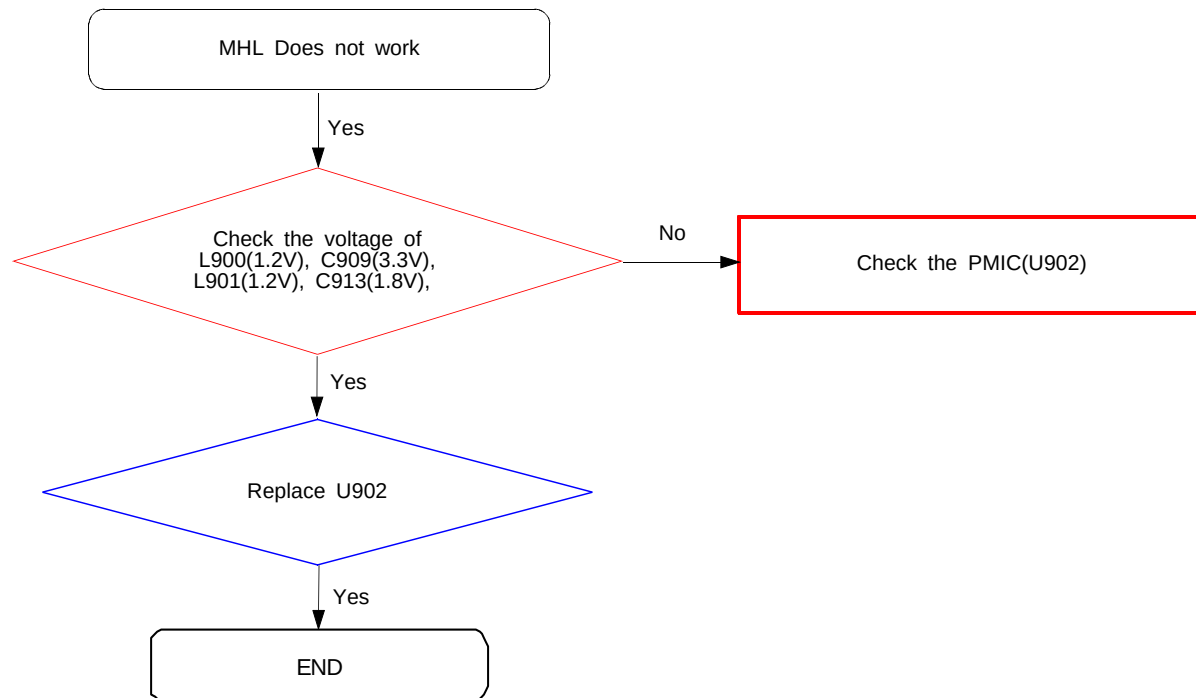


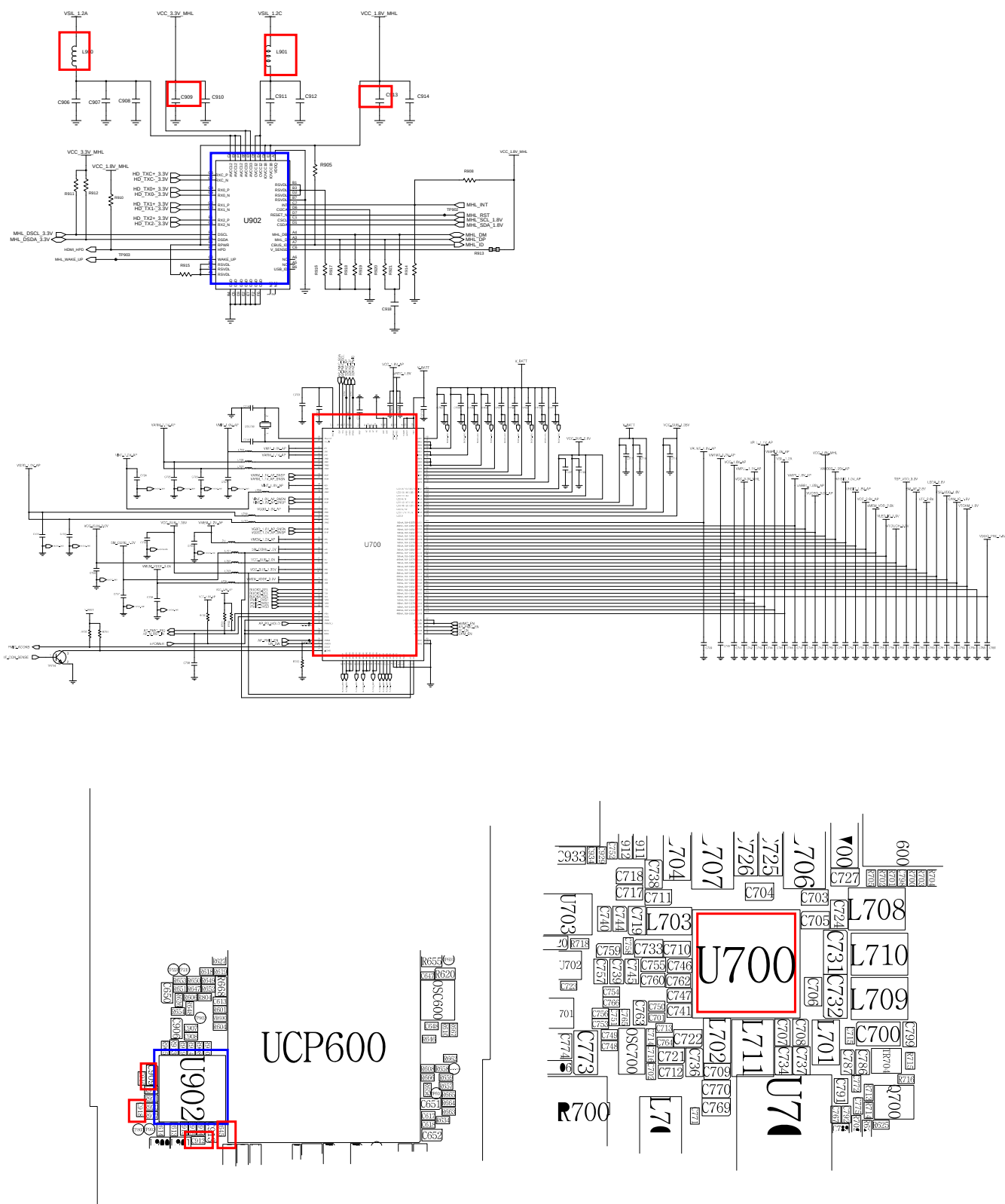


8-3-13. OTG

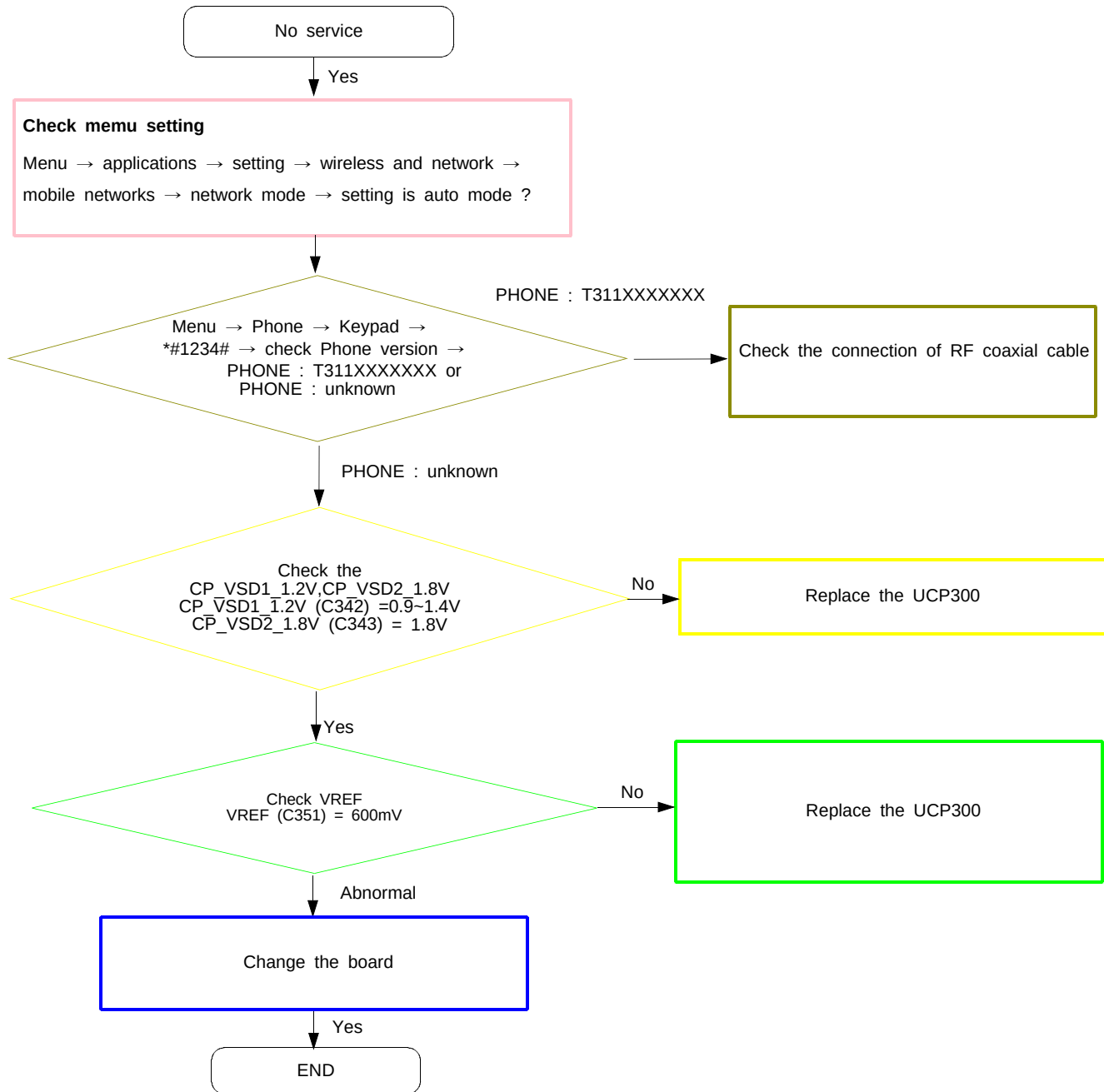


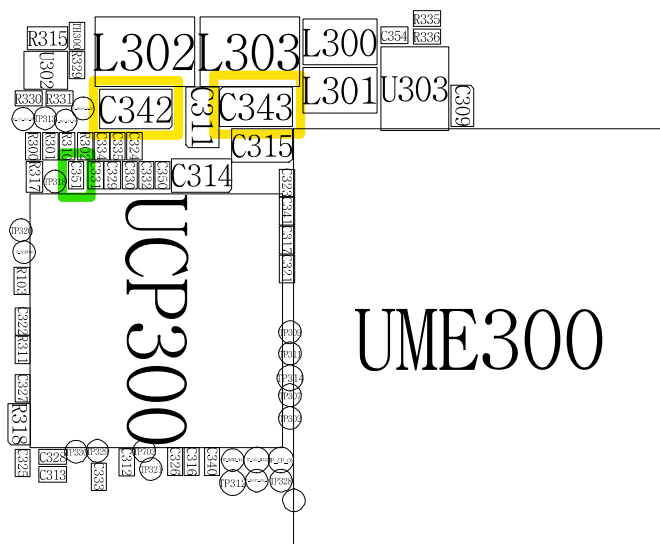
8-3-14. MHL



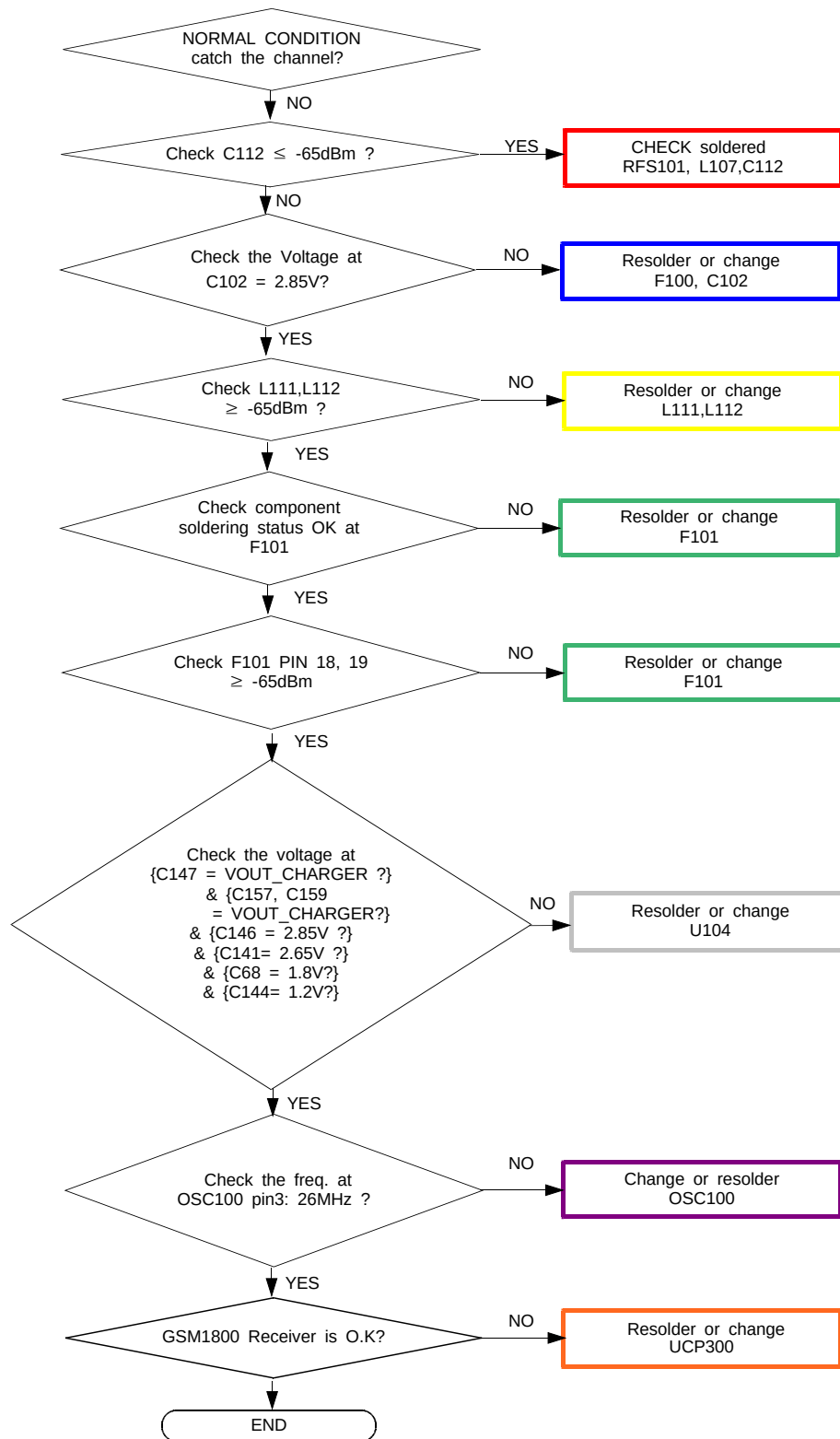


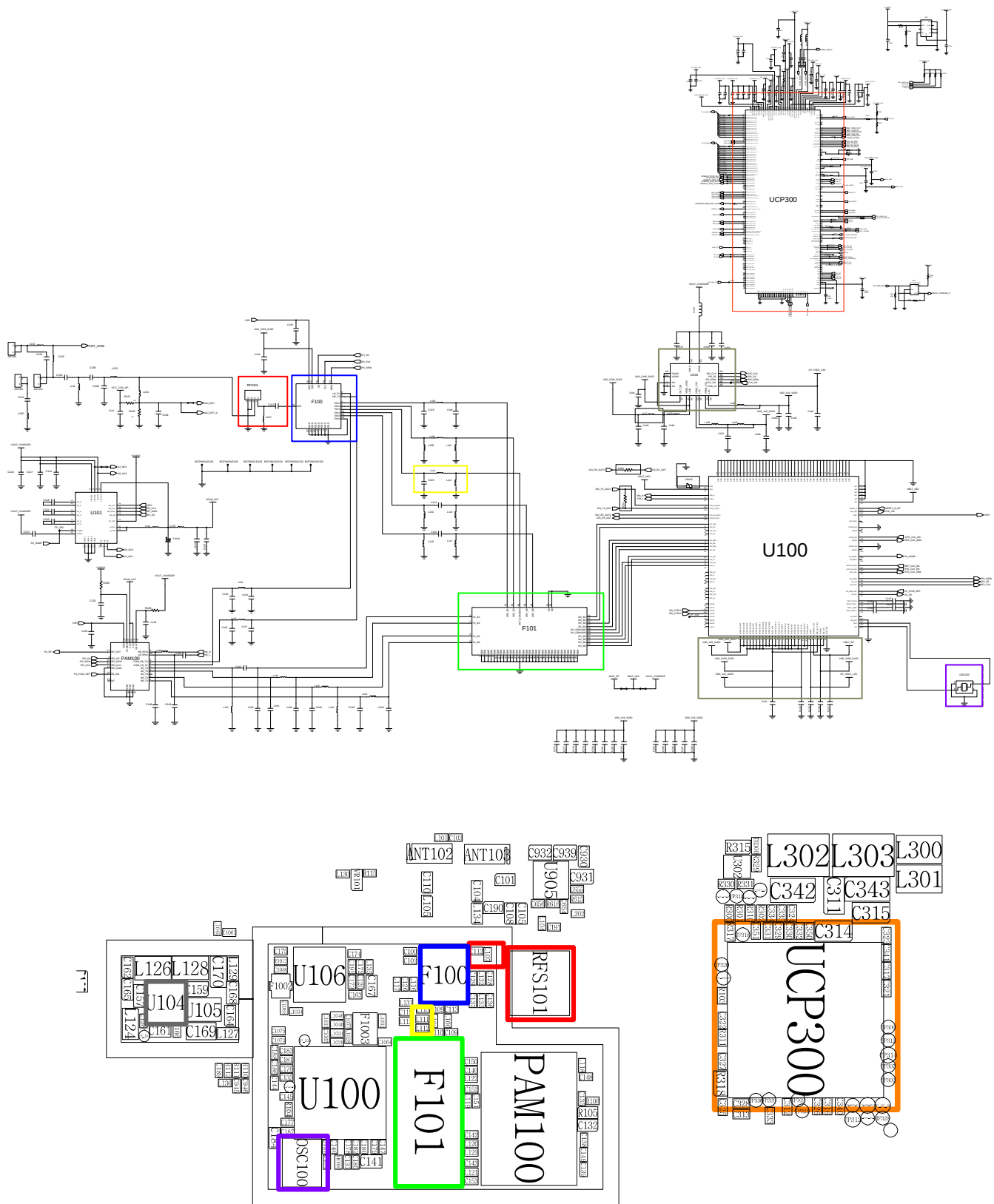
8-3-3. No Service



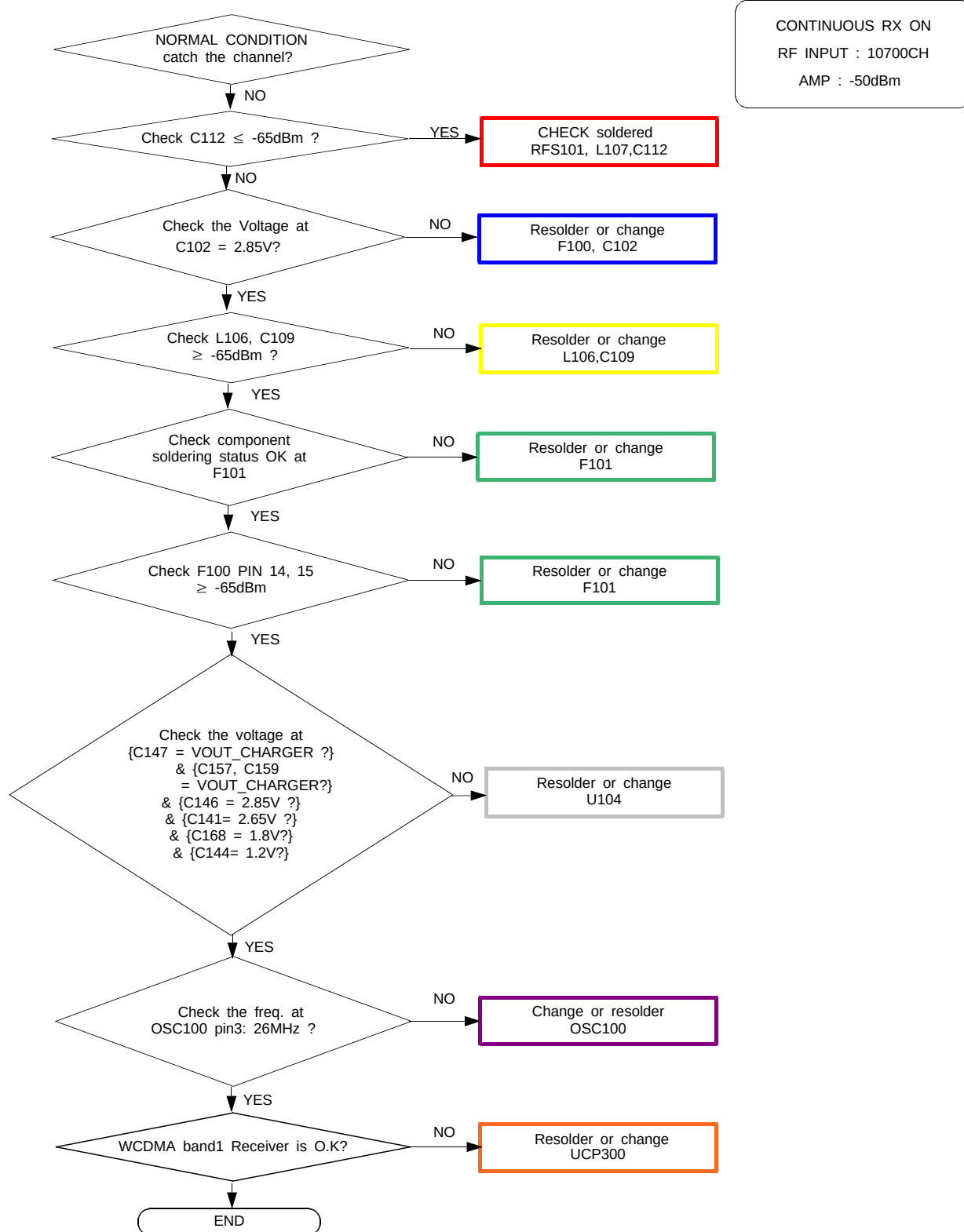


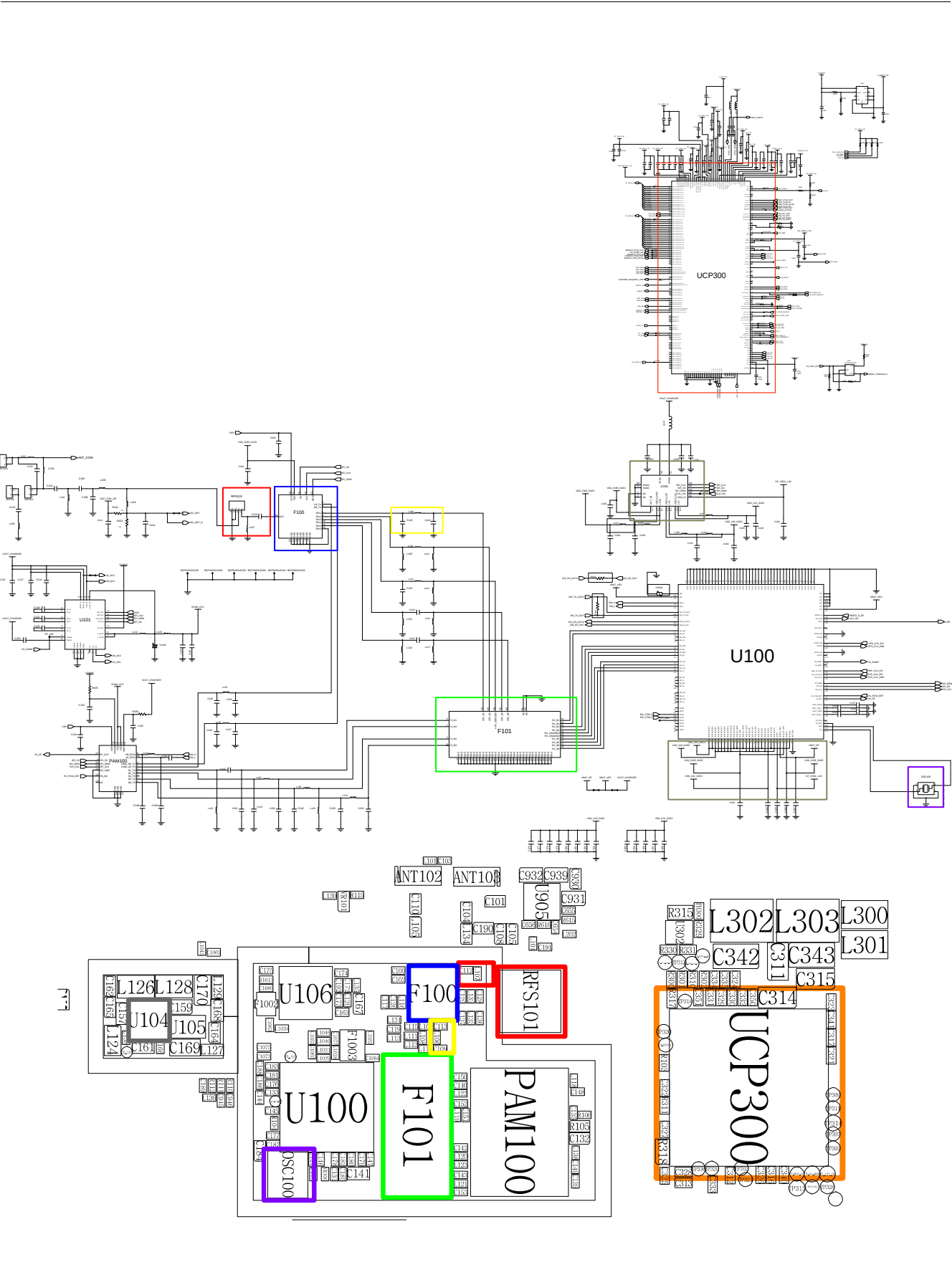
8-3-12. GSM1800 RX



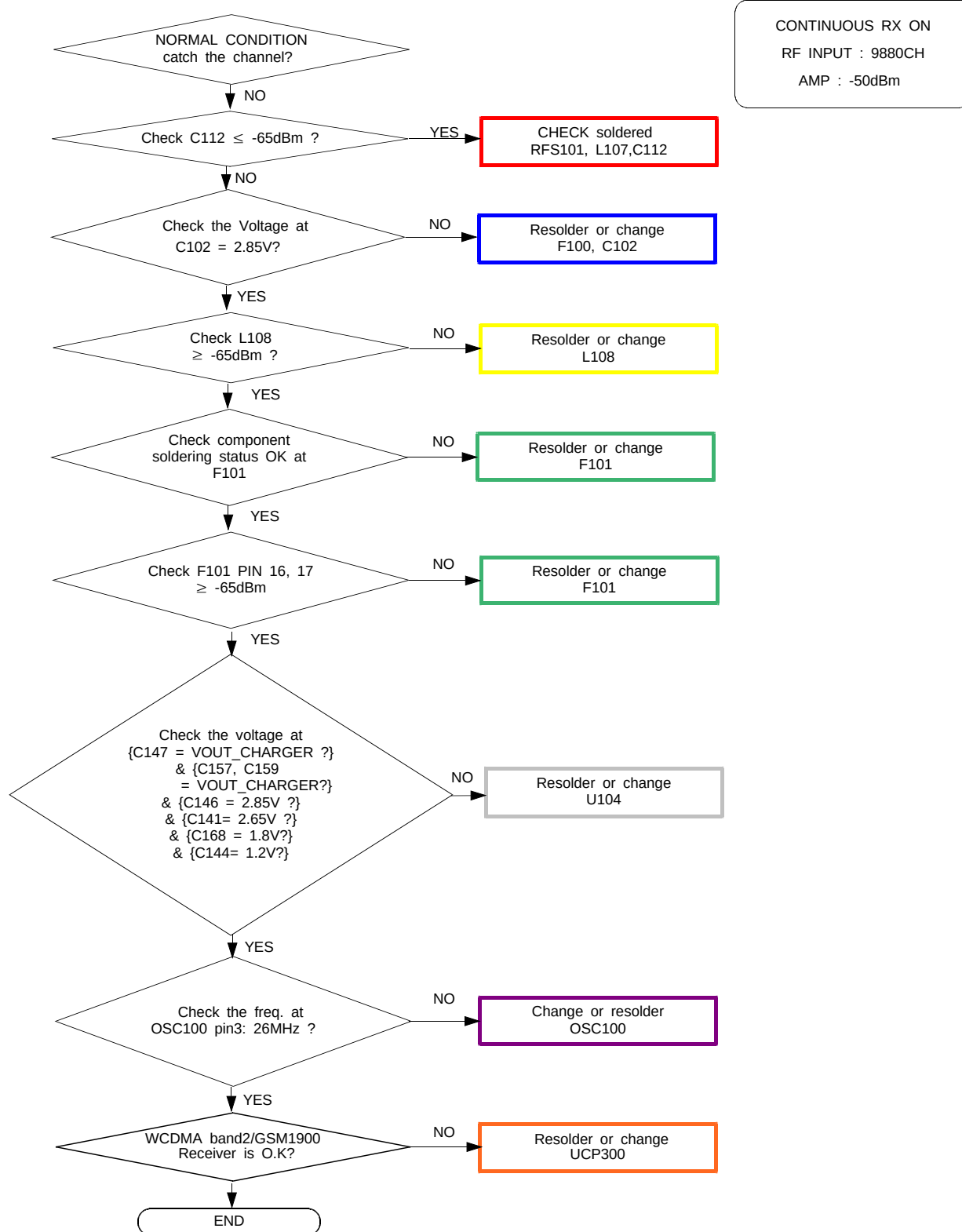


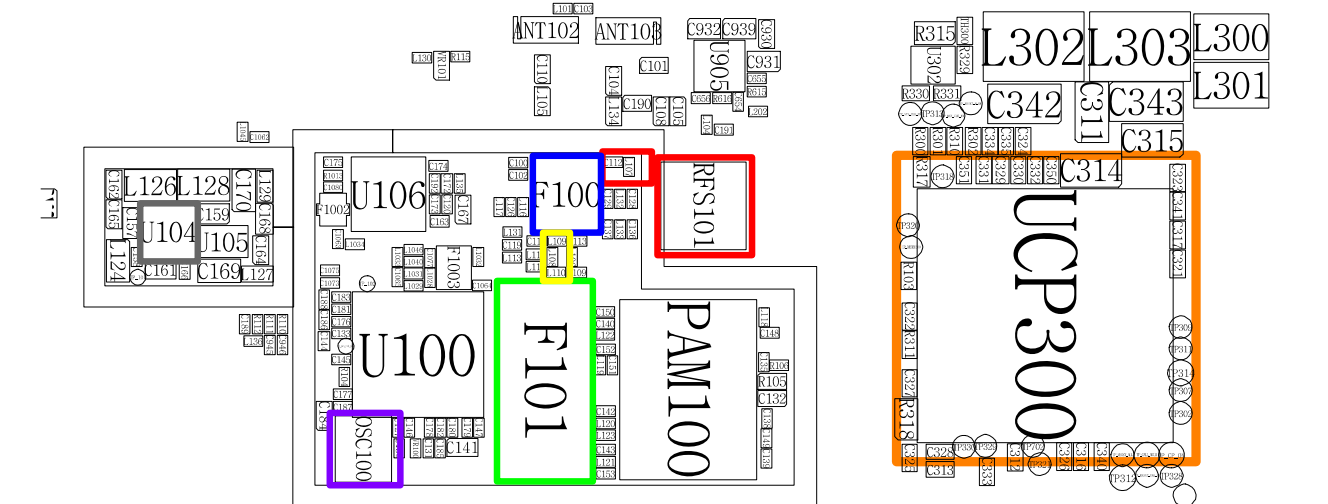
8-3-13. WCDMA Band1 RX



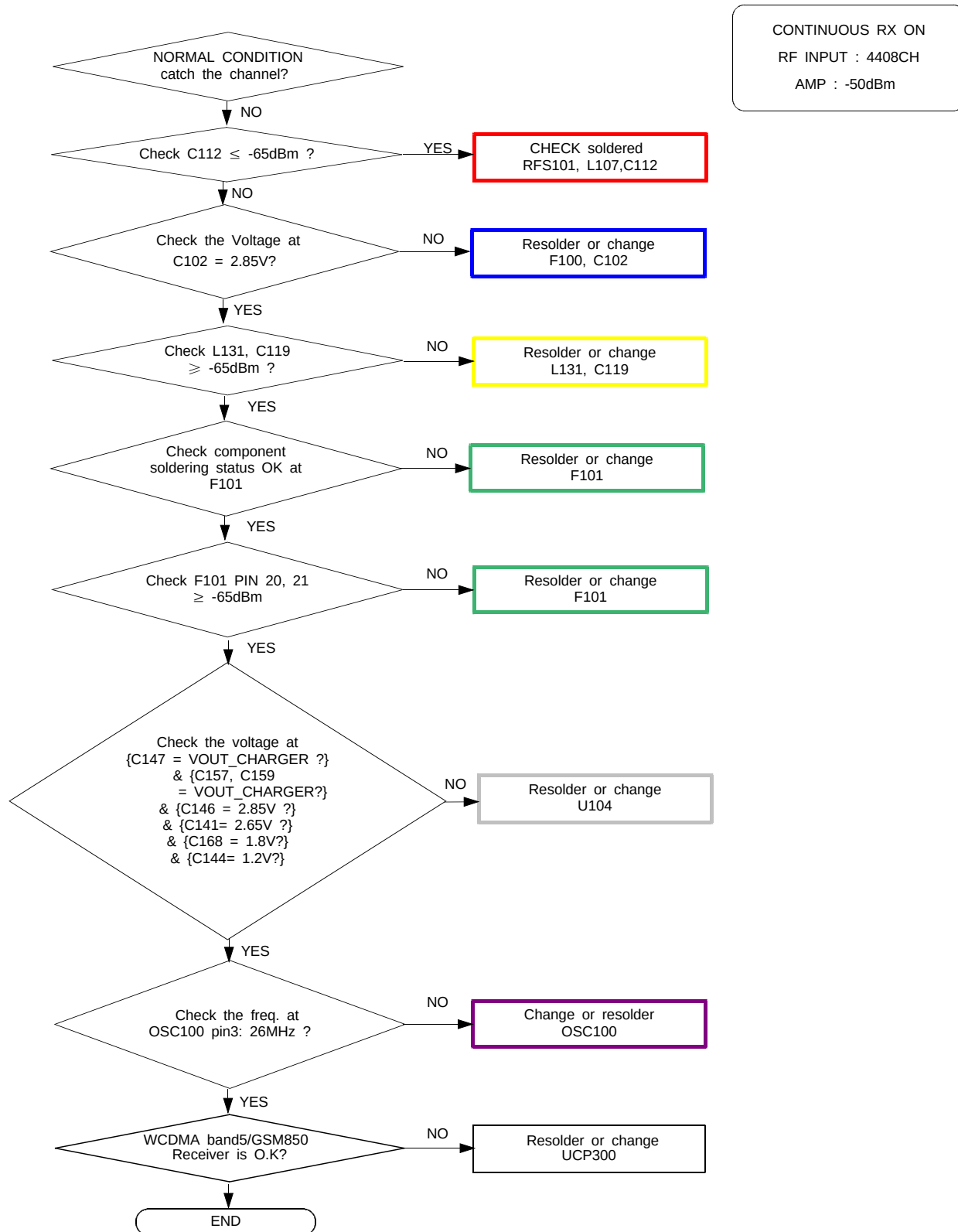


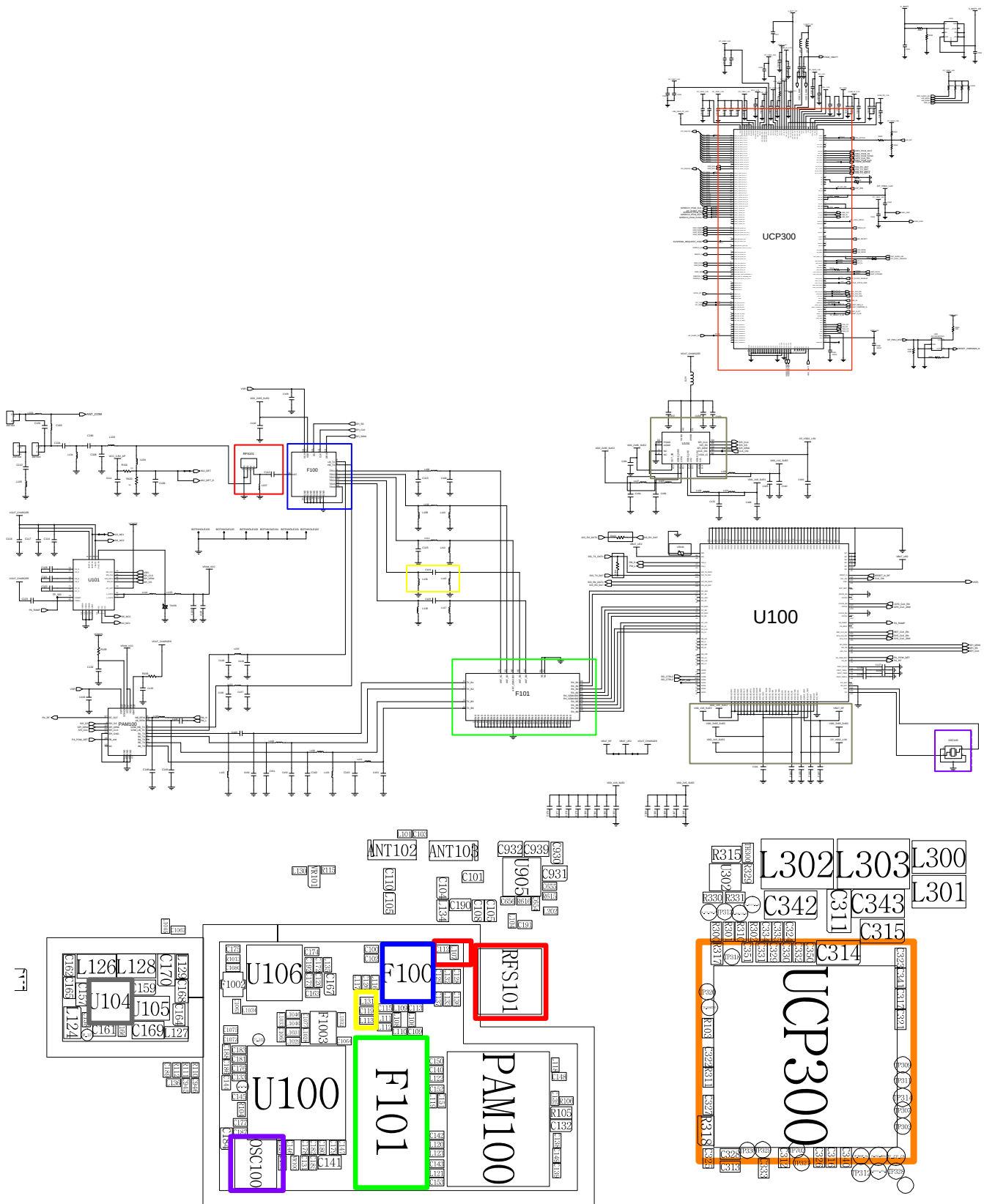
8-3-14. WCDMA Band2 / GSM1900 RX



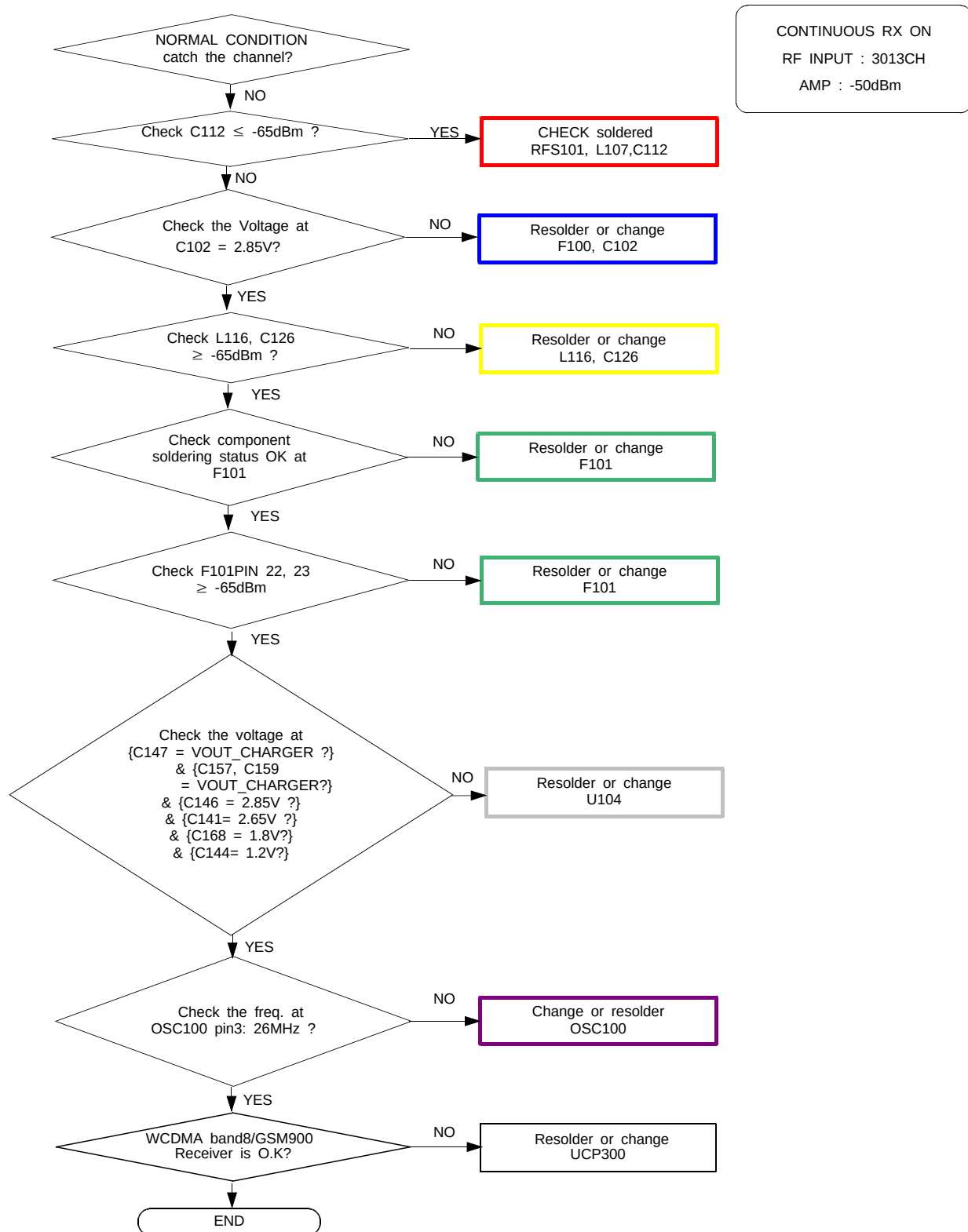


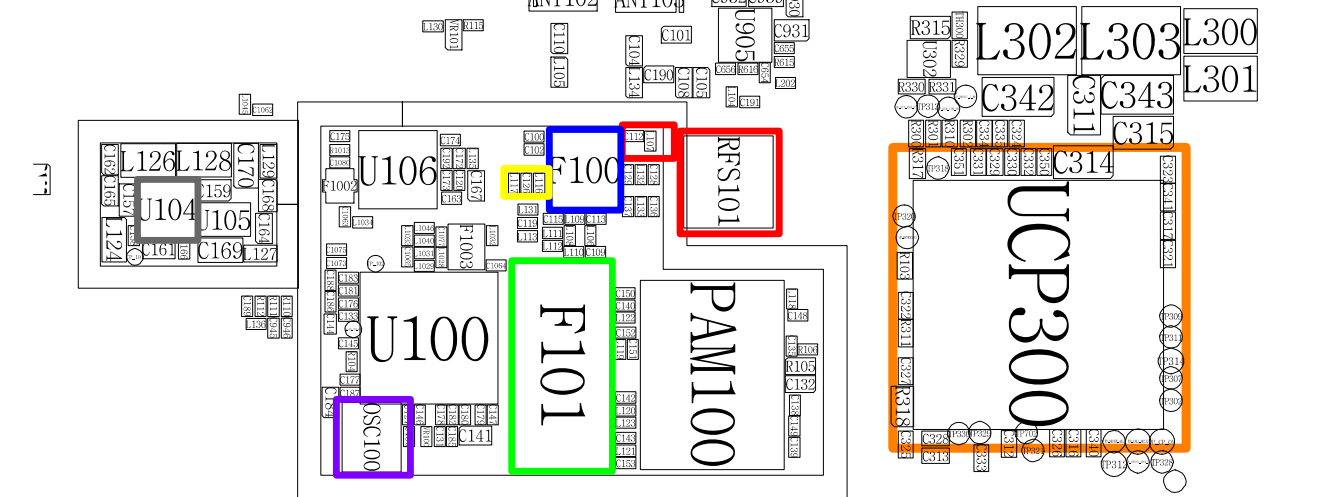
8-3-15. WCDMA Band5 / GSM 850 RX





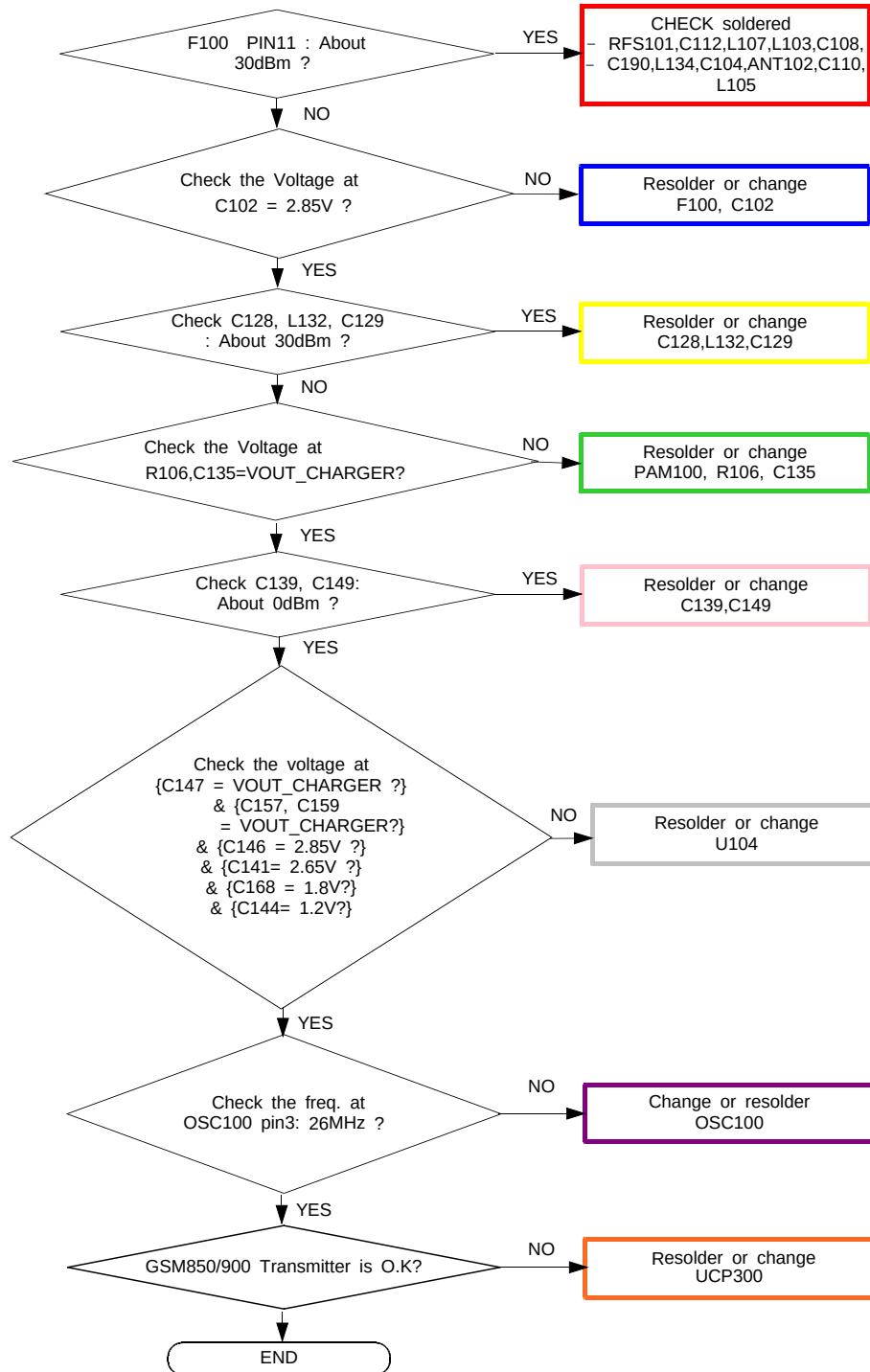
8-3-16. WCDMA Band8 / GSM900 RX

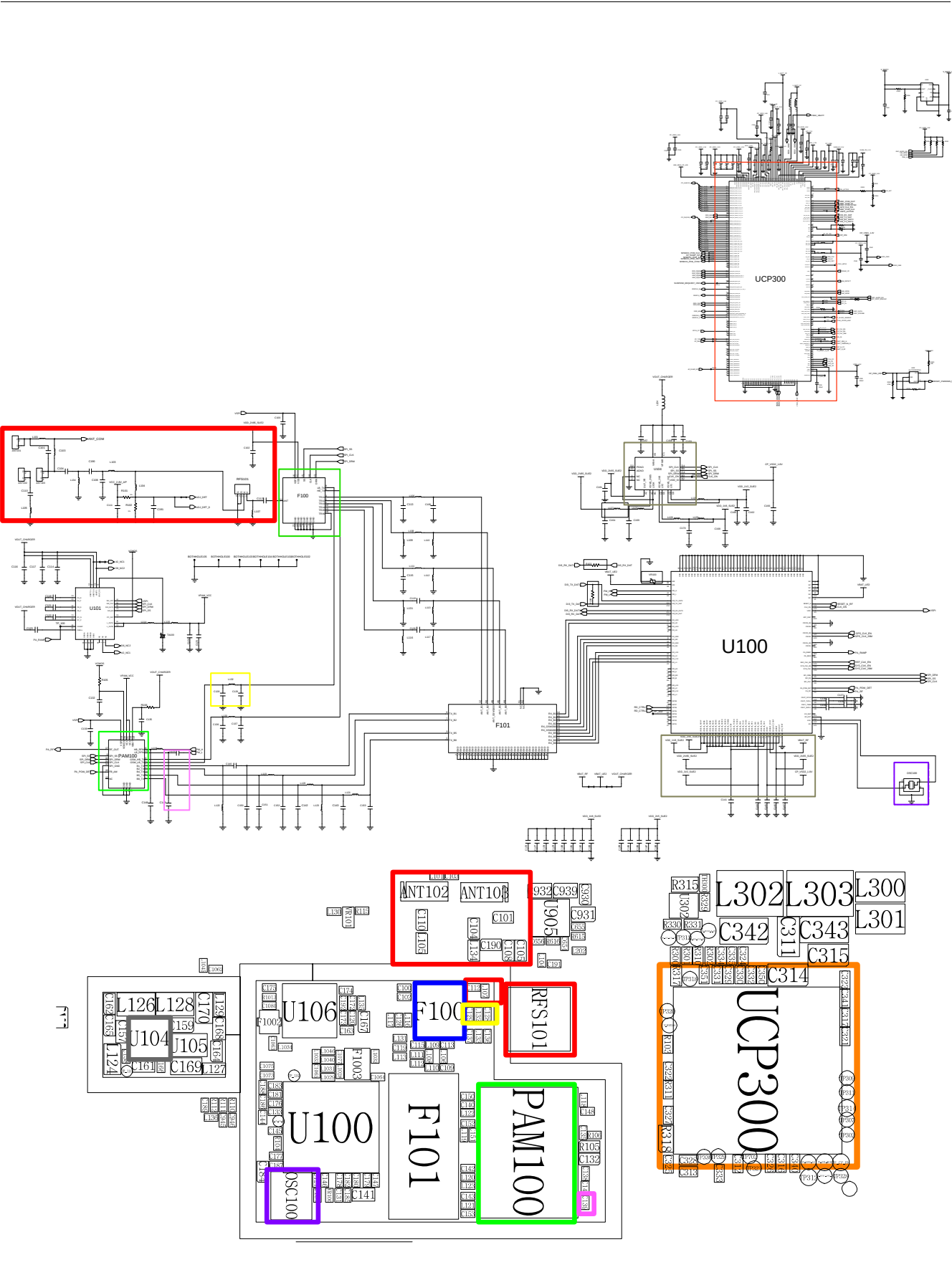




8-3-17. GSM850/GSM900 TX

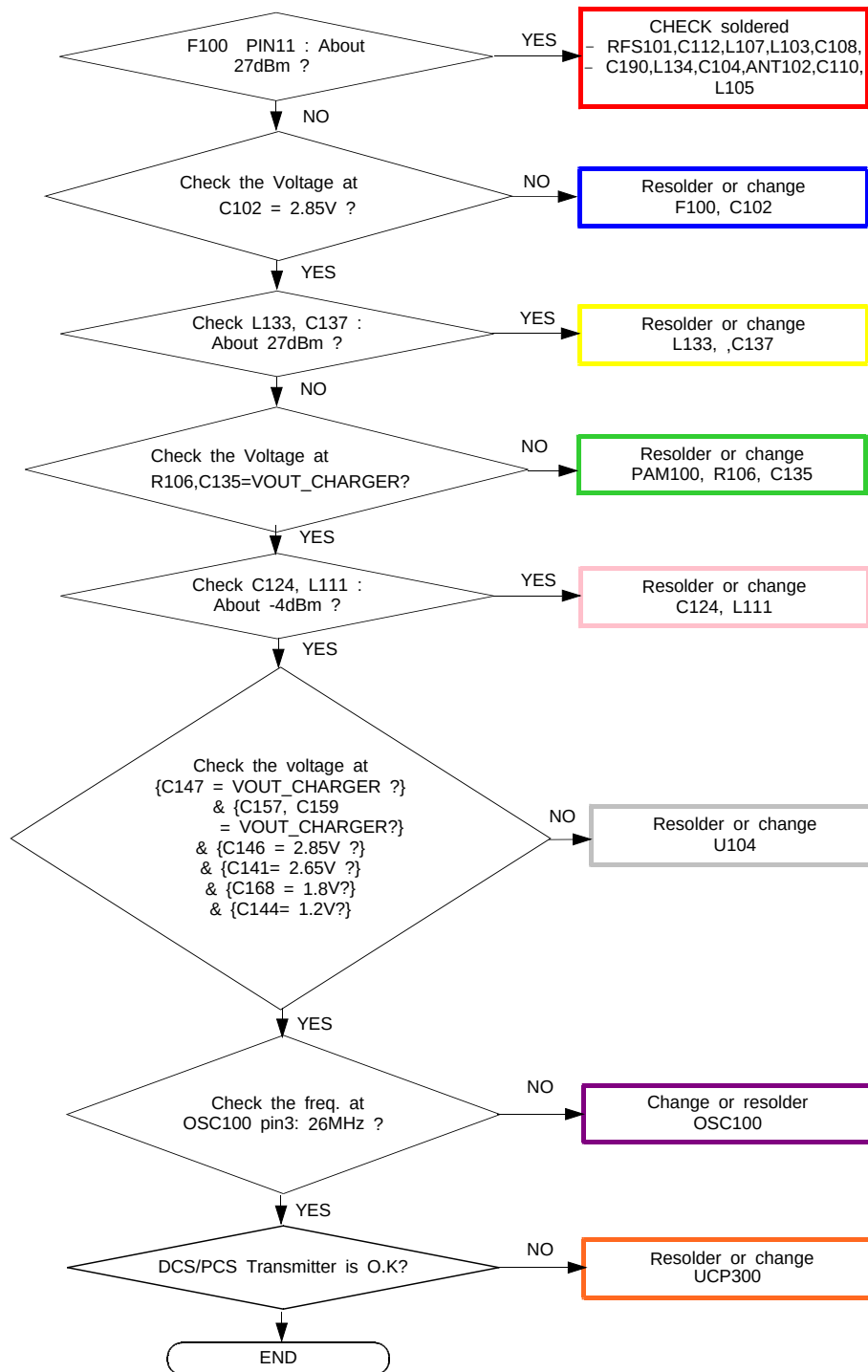
CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
GSM850 CH : 190
GSM900 CH : 62
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV. : 10dBm
ATT. : 20dB

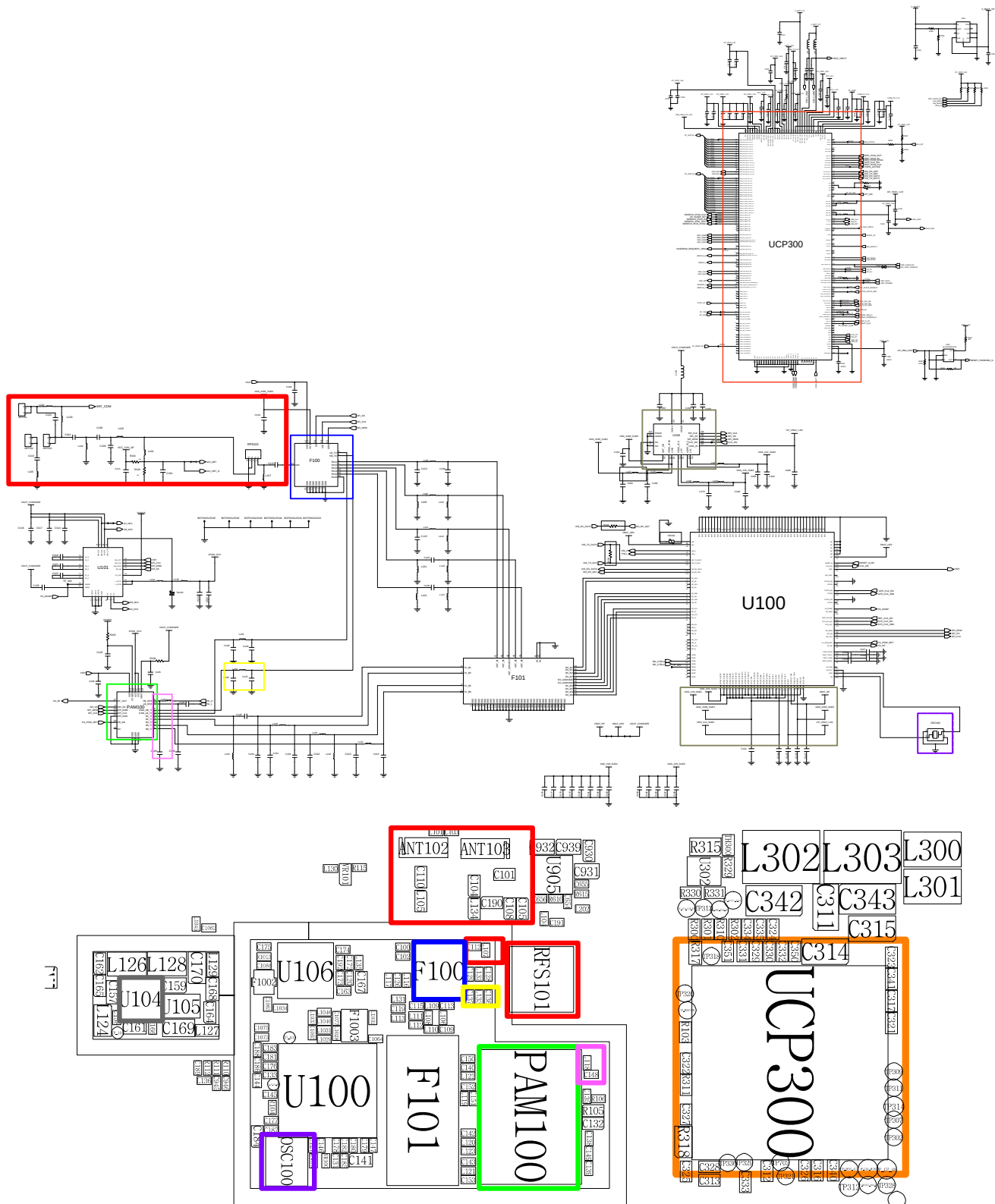




8-3-18. DCS/PCS TX

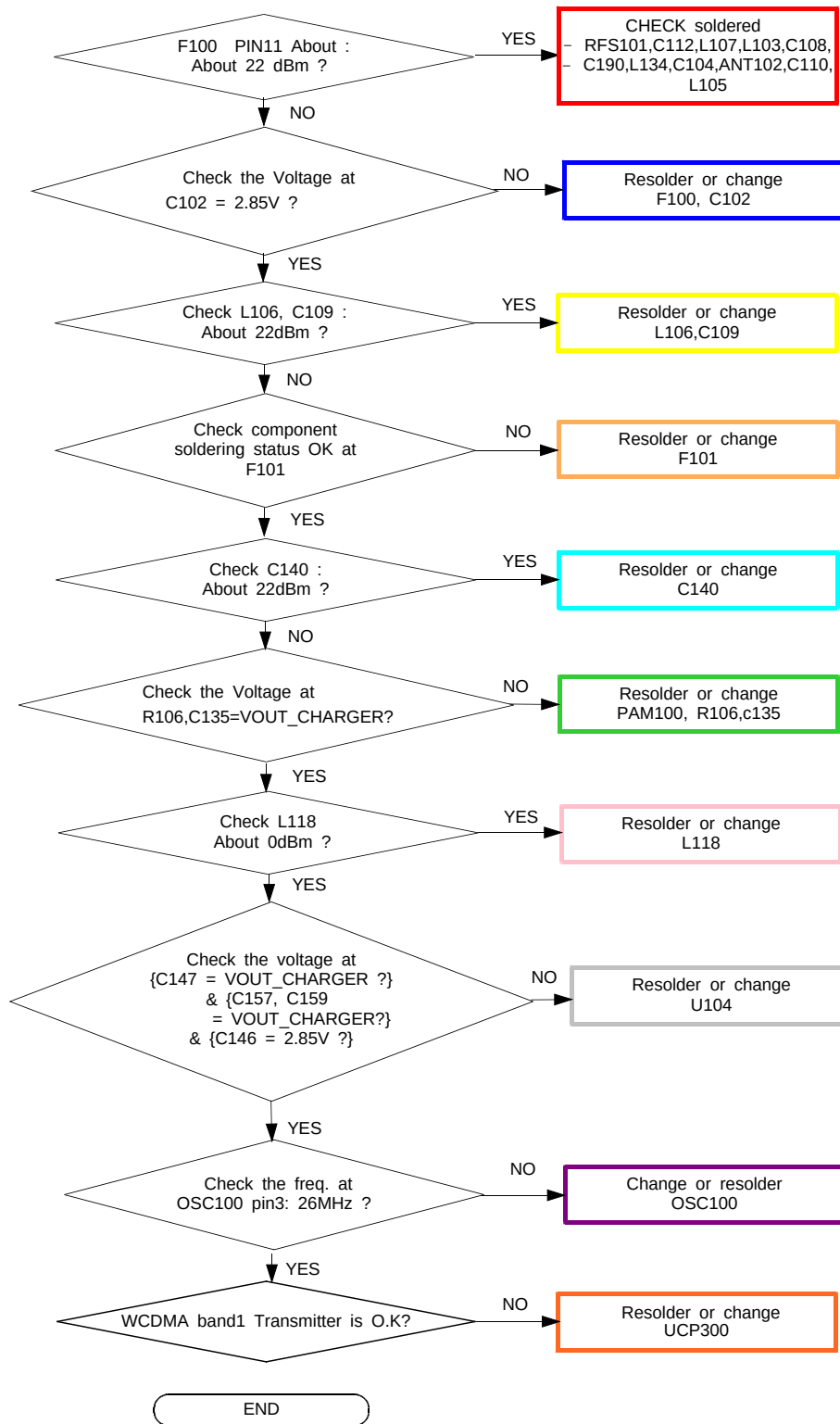
CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
DCS CH : 685
PCS CH : 661
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV. : 10dBm
ATT. : 20dB

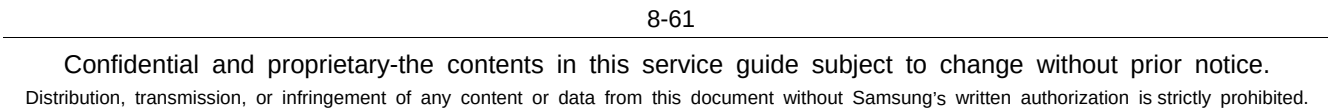




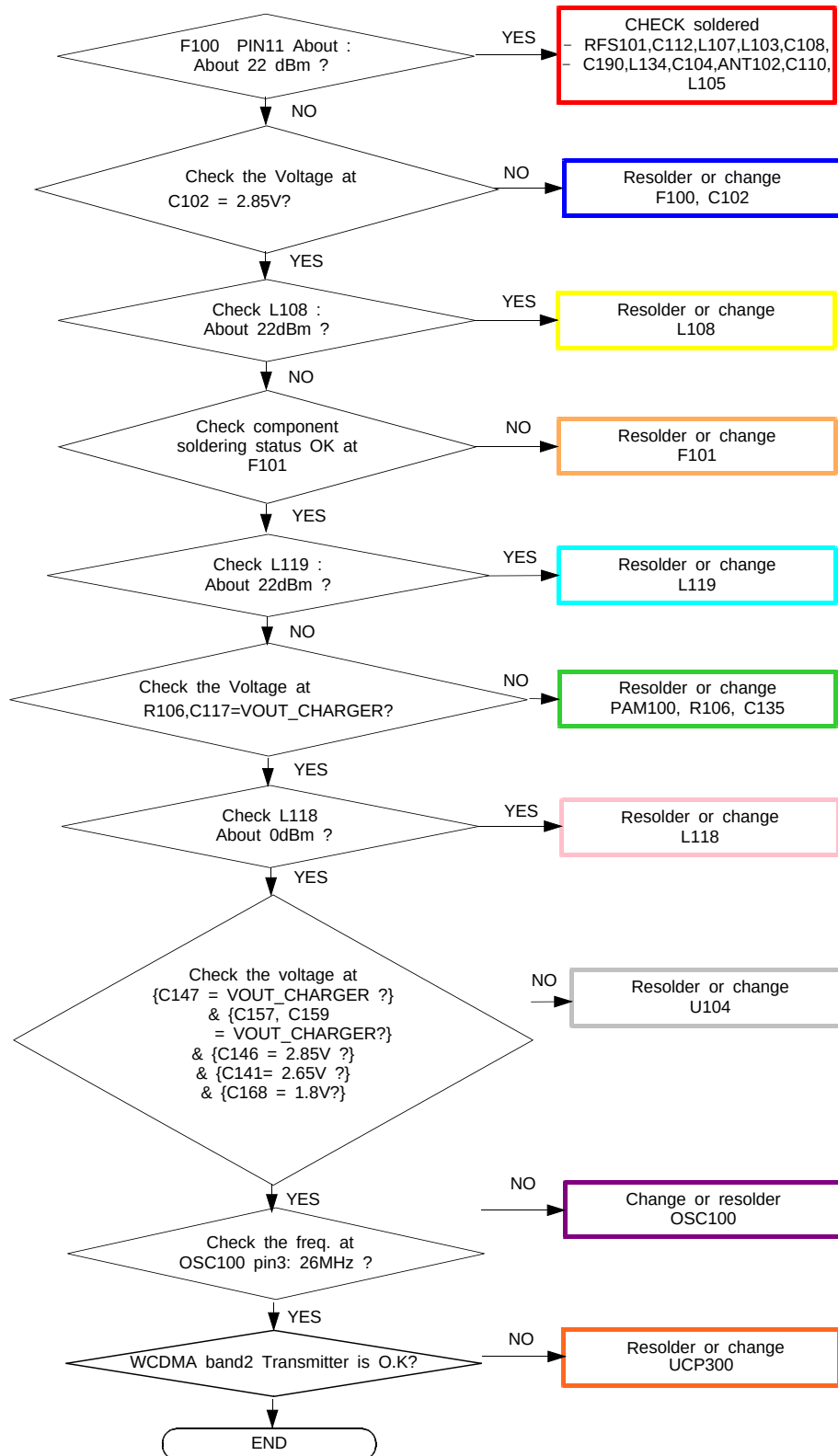
8-3-19. WCDMA BAND1 TX

CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
WCDMA Band1 CH : 10700
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV. : 10dBm
ATT. : 20dB

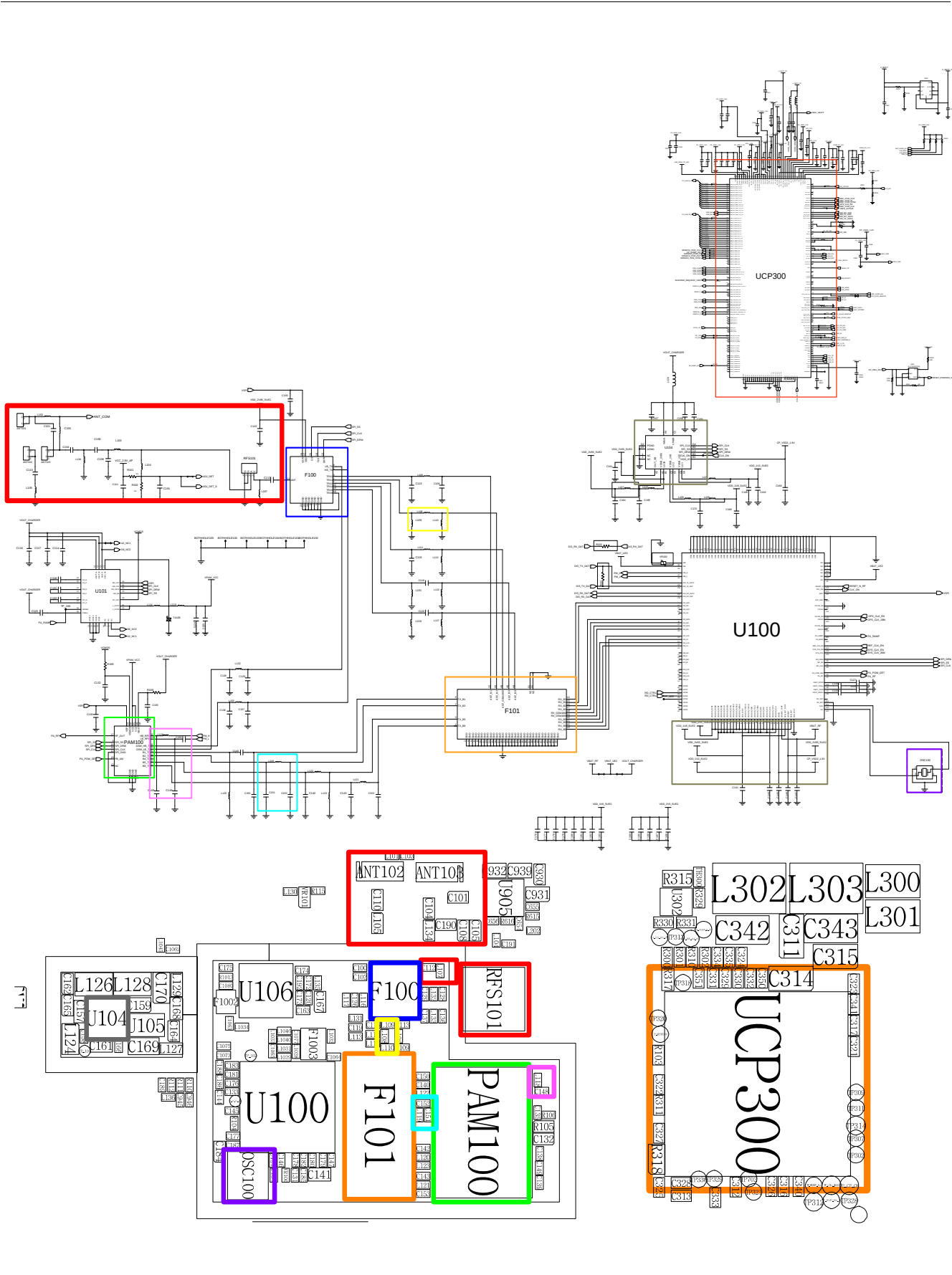




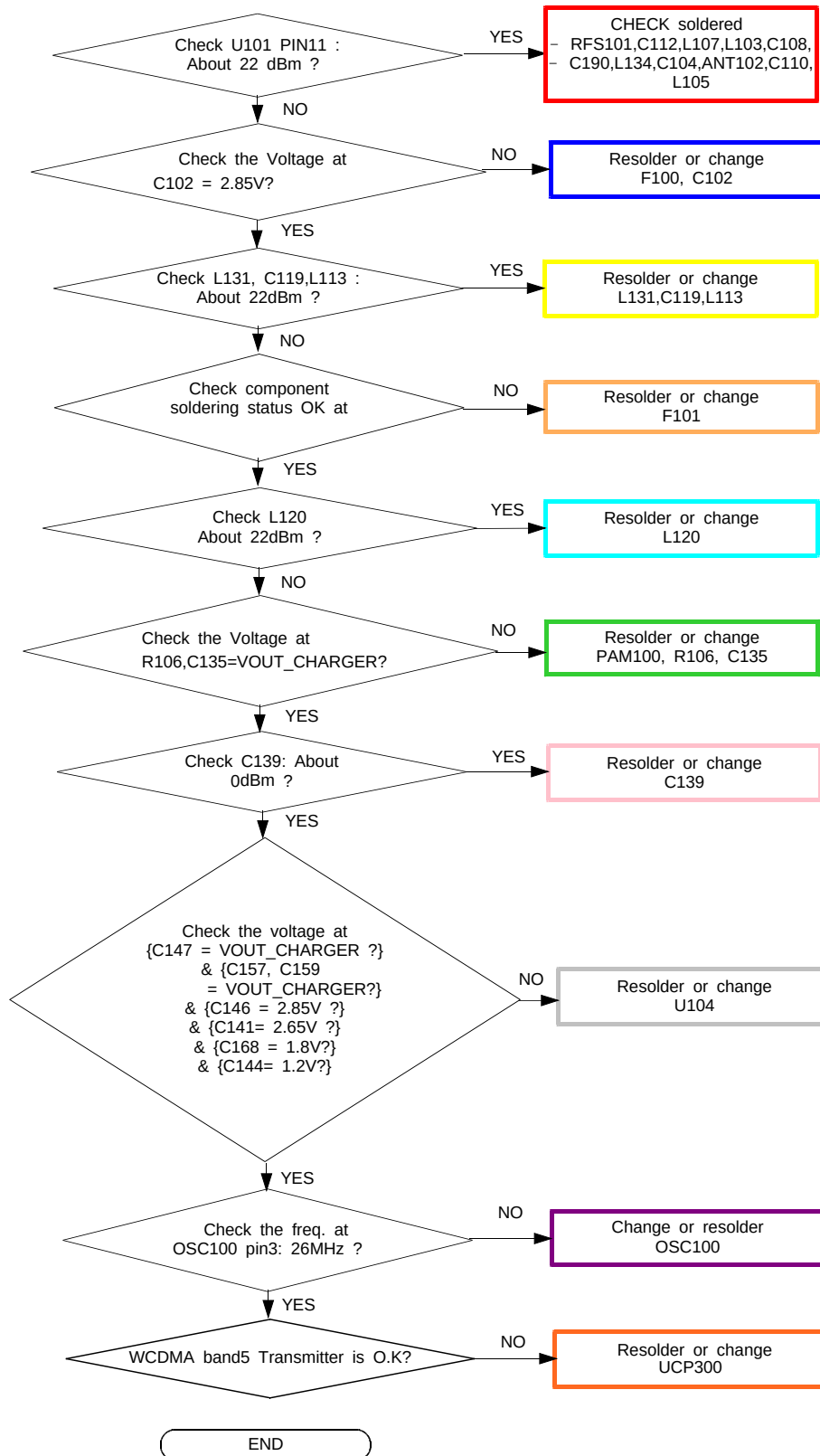
8-3-20. WCDMA BAND2 TX



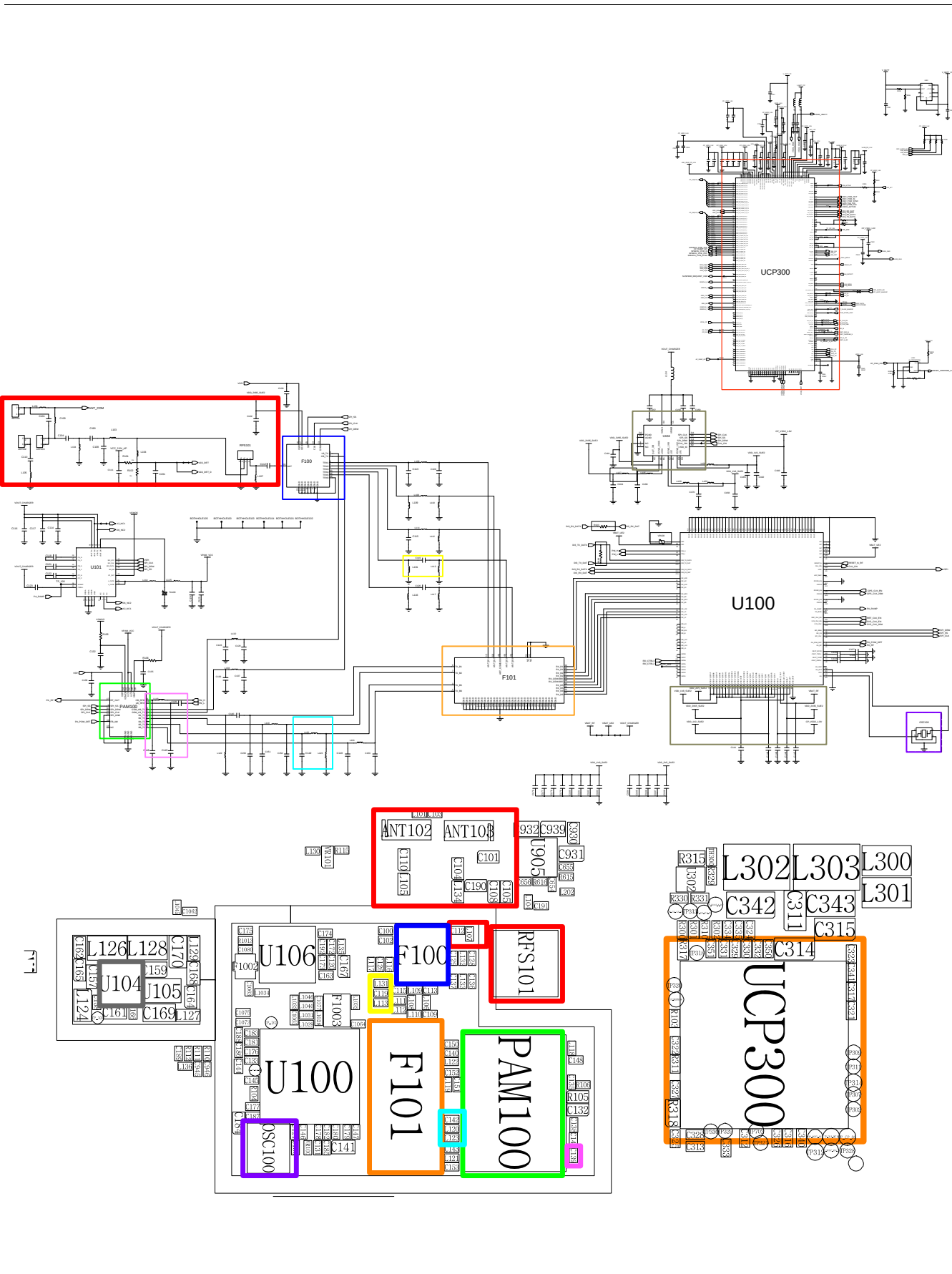
CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
WCDMA Band2 CH : 9880
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV : 10dBm
ATT. : 20dB



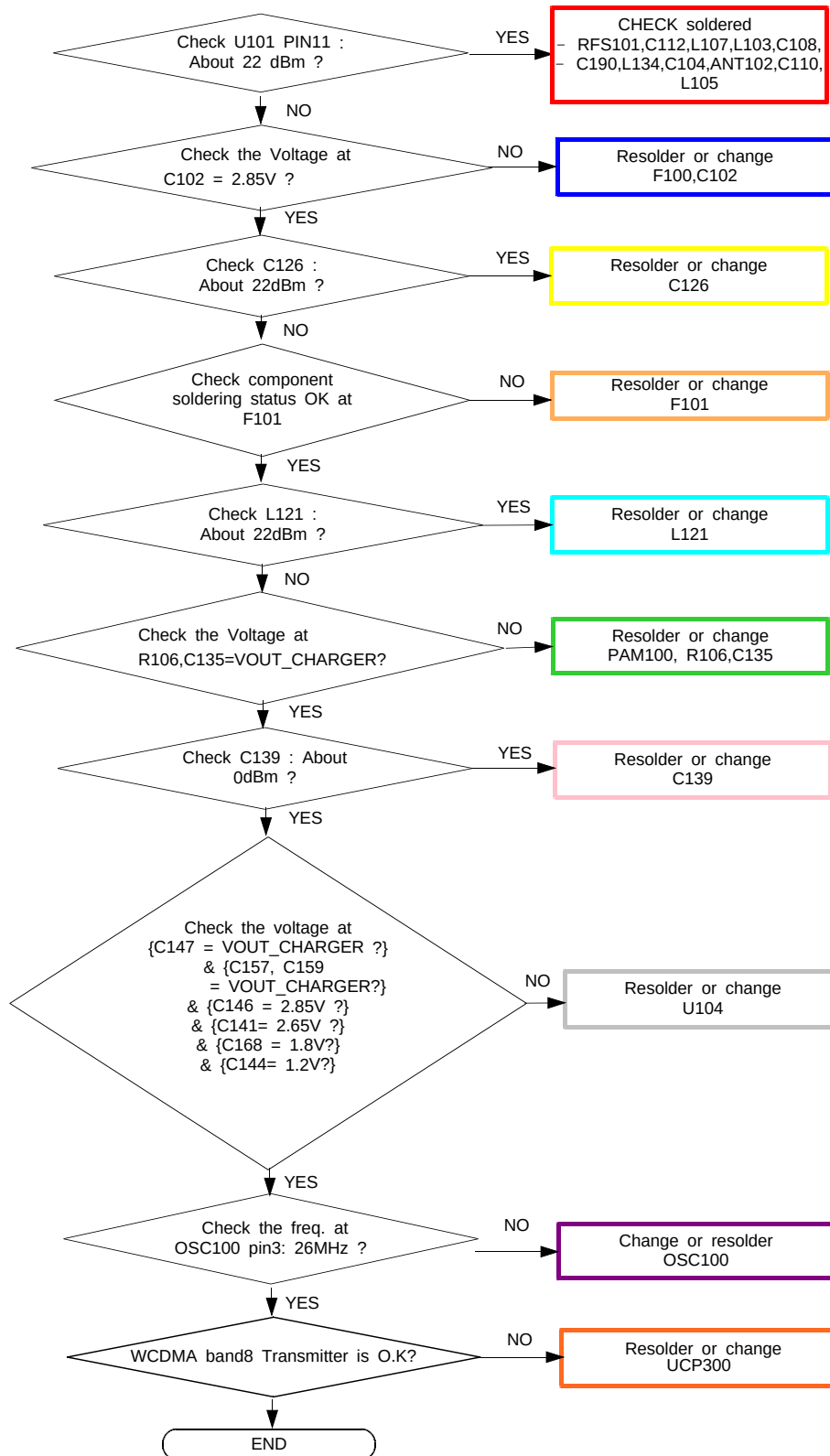
8-3-21. WCDMA BAND5 TX



CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
WCDMA Band5 CH : 4408
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV : 10dBm
ATT. : 20dB



8-3-22. WCDMA BAND8 TX



CONTINUOUS TX ON CONDITION
TX POWER DAC:14500 CODE
APPLIED
WCDMA Band2 CH : 3013
RBW : 100KHz
VBW : 100KHz
SPAN : 10MHz
REF LEV. : 10dBm
ATT. : 20dB

