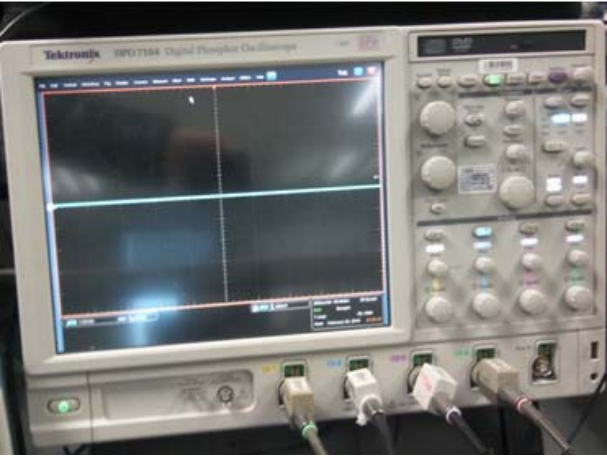



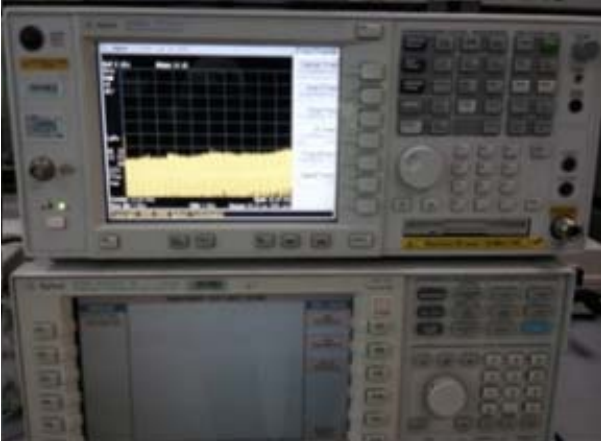





## 8. Level 3 Repair

### 8-3. Flow Chart of Troubleshooting

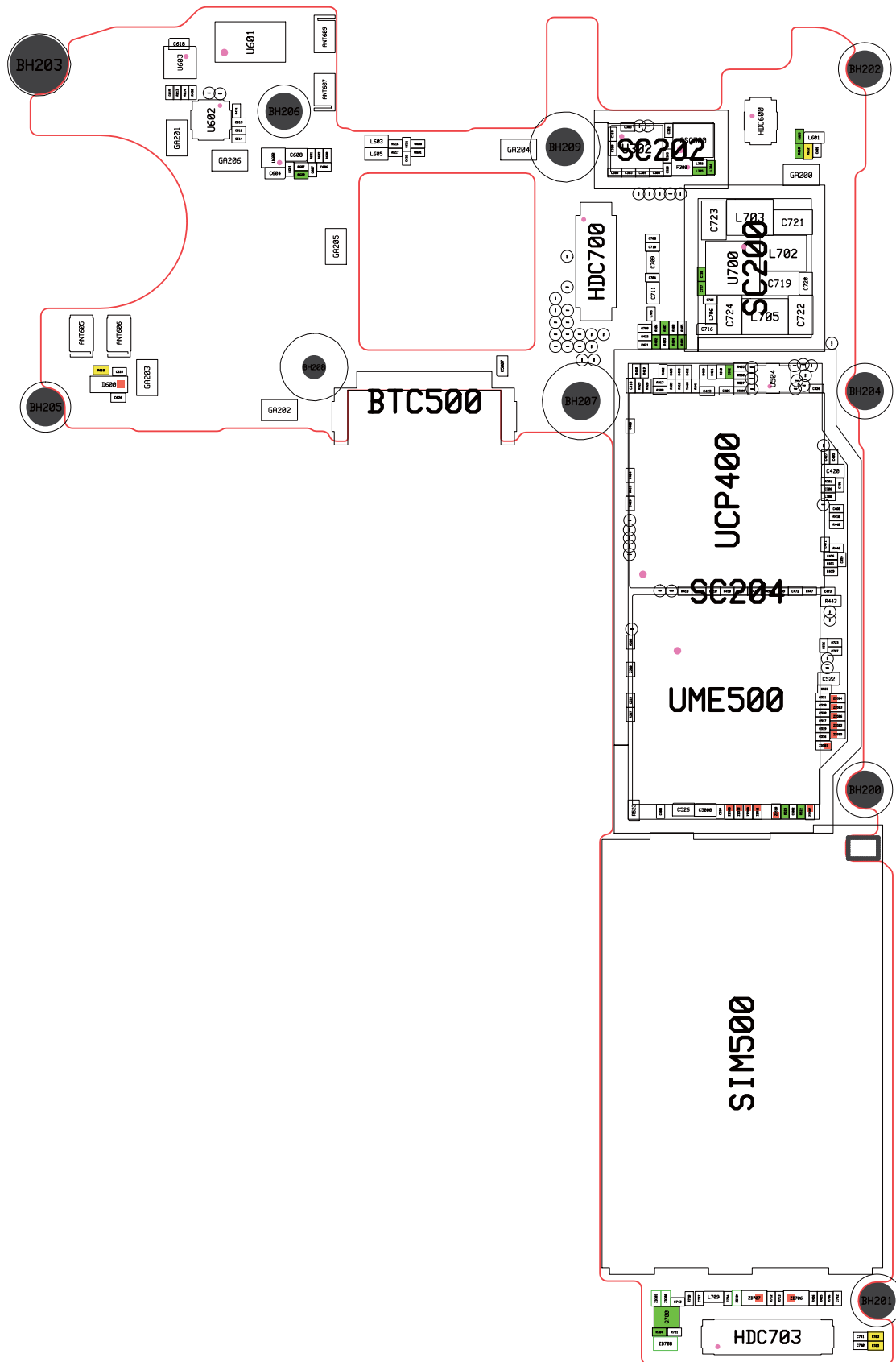
	
<p>Oscilloscope</p>	<p>Digital Multimeter</p>
	
<p>Power Supply</p>	<p>+ driver, ESD Safe Tweezer</p>
	
<p>8960 &amp; Spectrum Analyzer</p>	<p>Soldering iron</p>

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## 8. Level 3 Repair

TOP

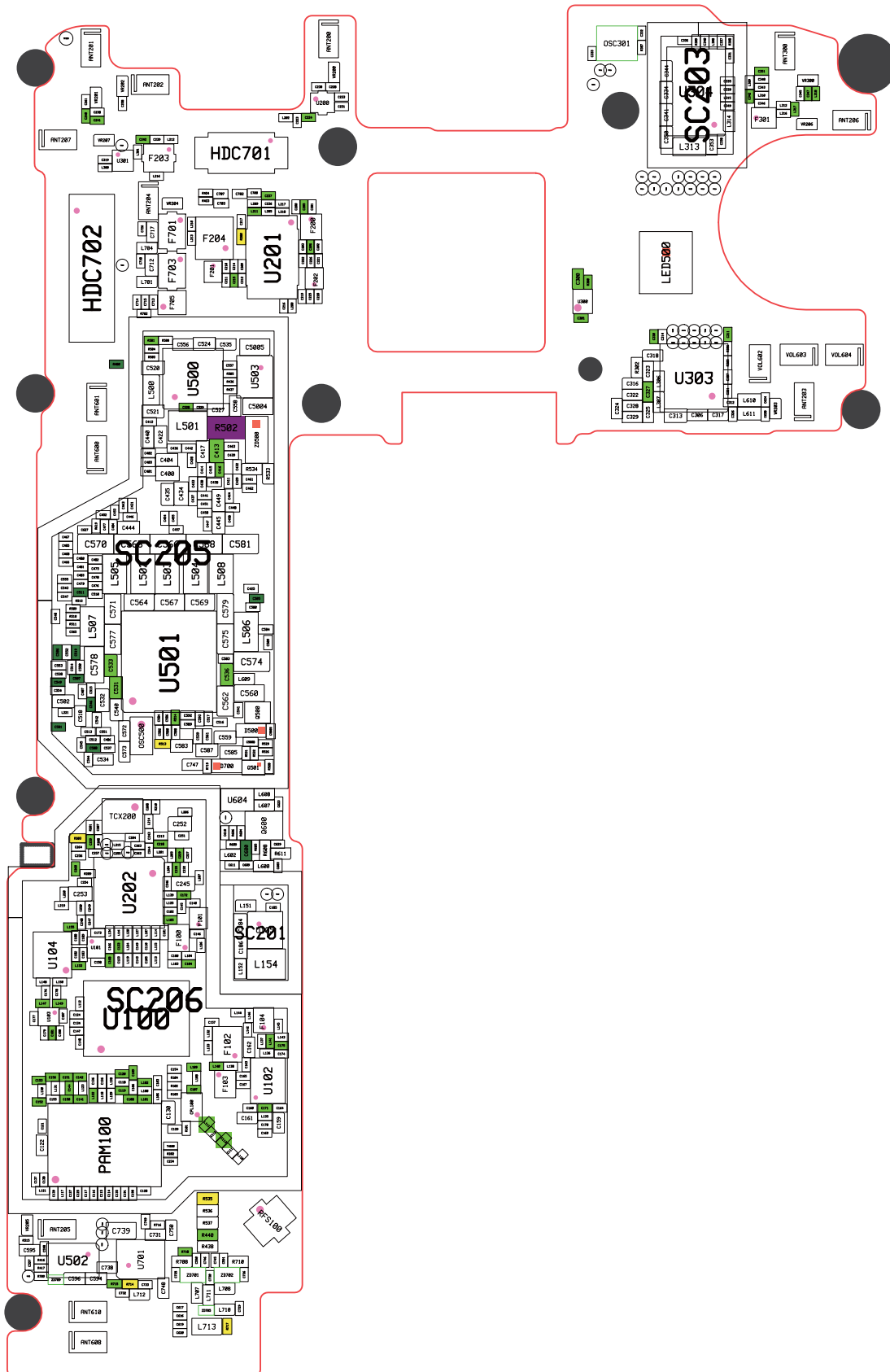


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## 8. Level 3 Repair

### BOTTOM

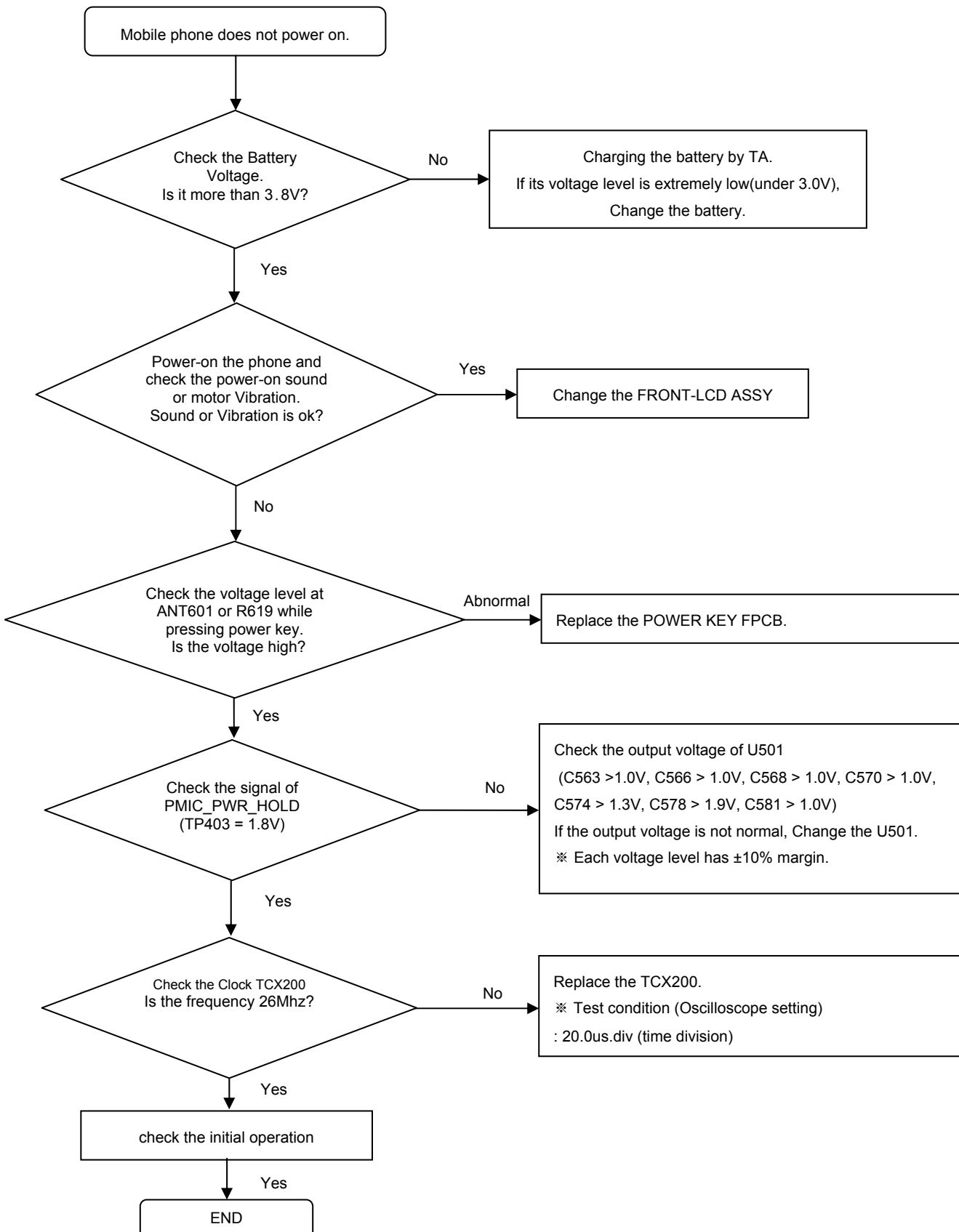


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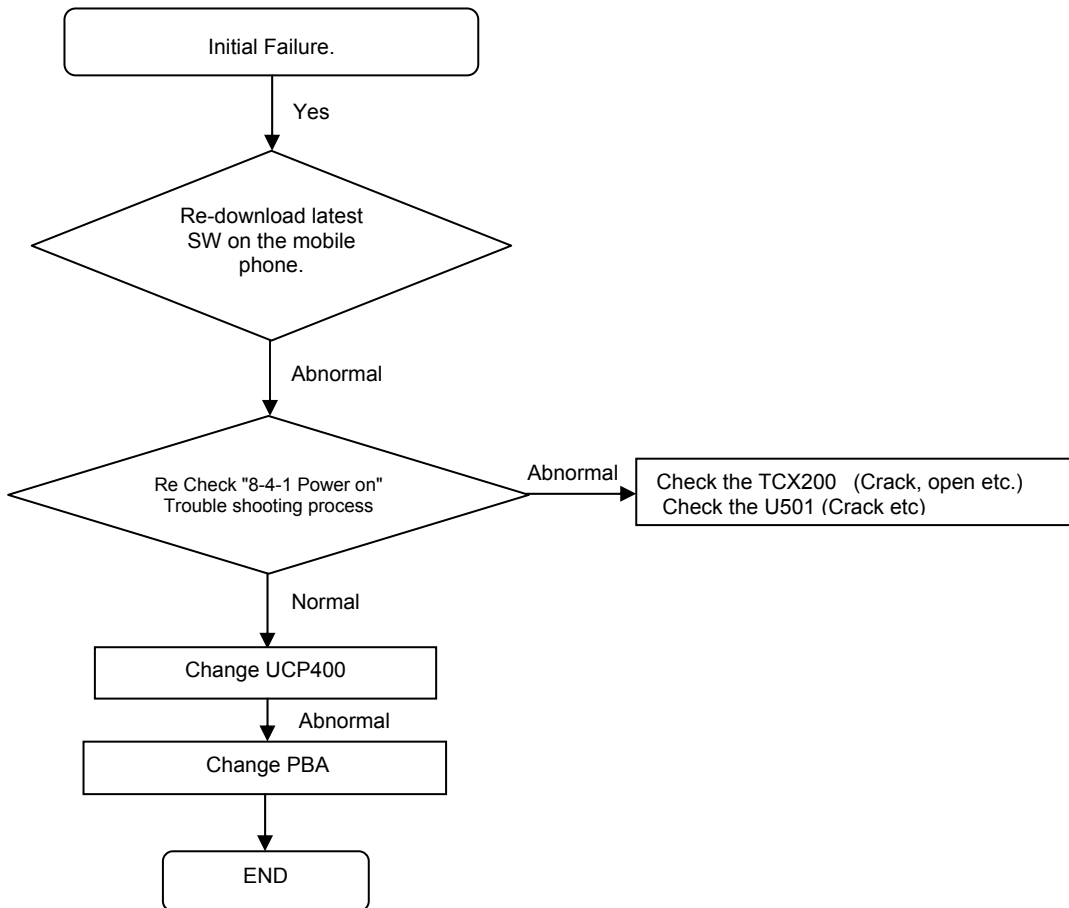
## 8. Level 3 Repair

### 8-4. Power On



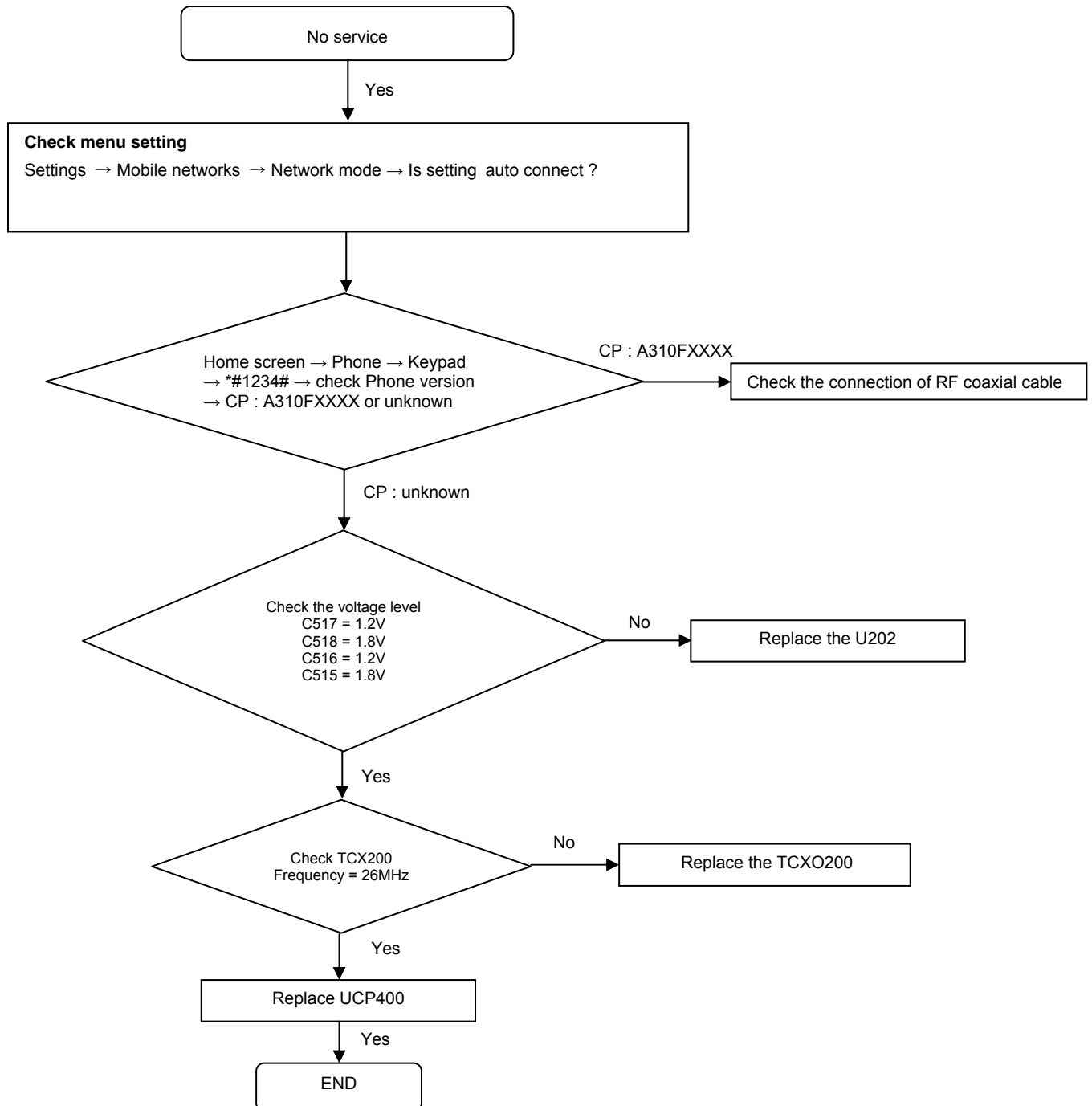
## 8. Level 3 Repair

### 8-4-2. Initial



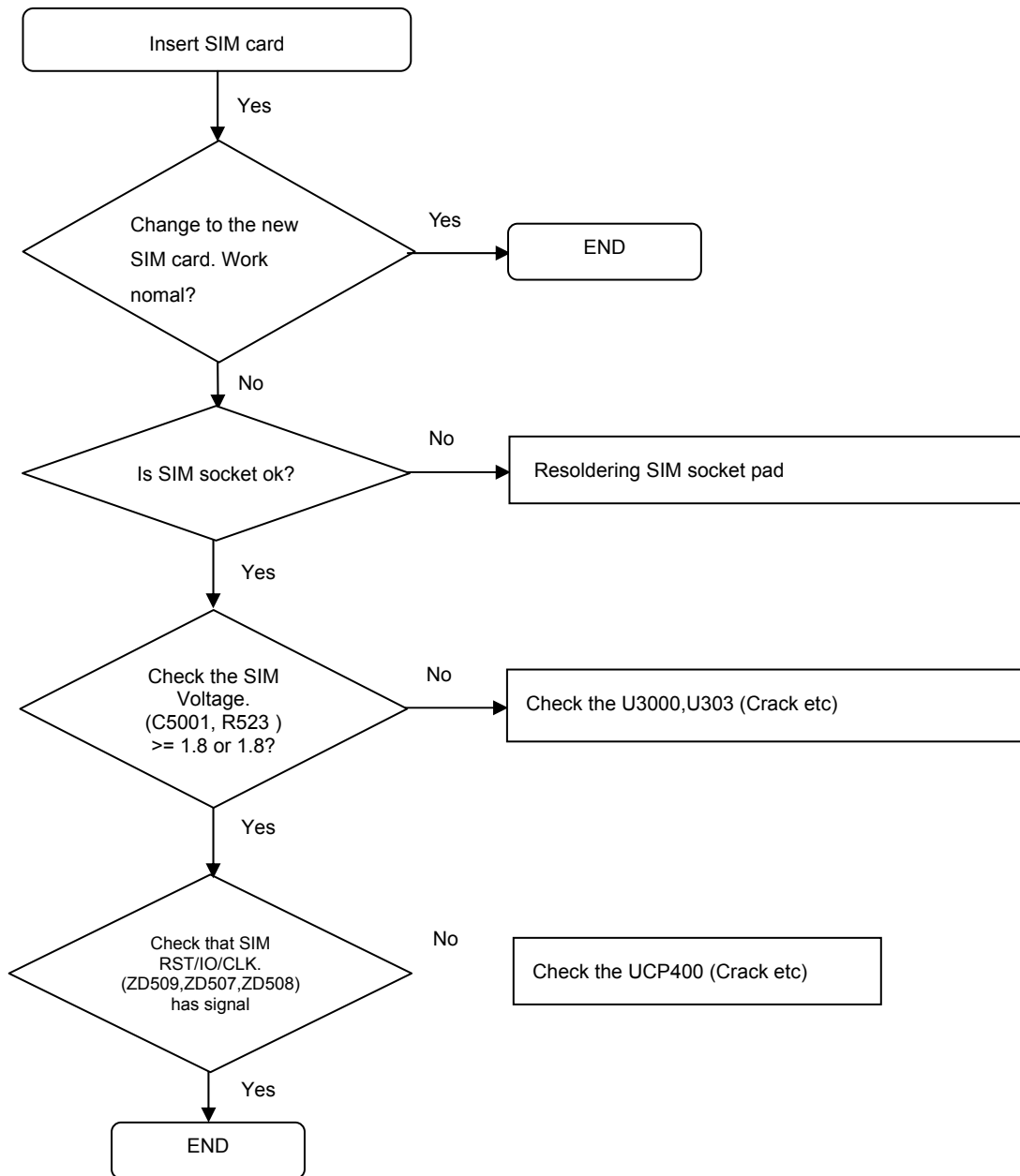
## 8. Level 3 Repair

### 8-4-3. No Service



## 8. Level 3 Repair

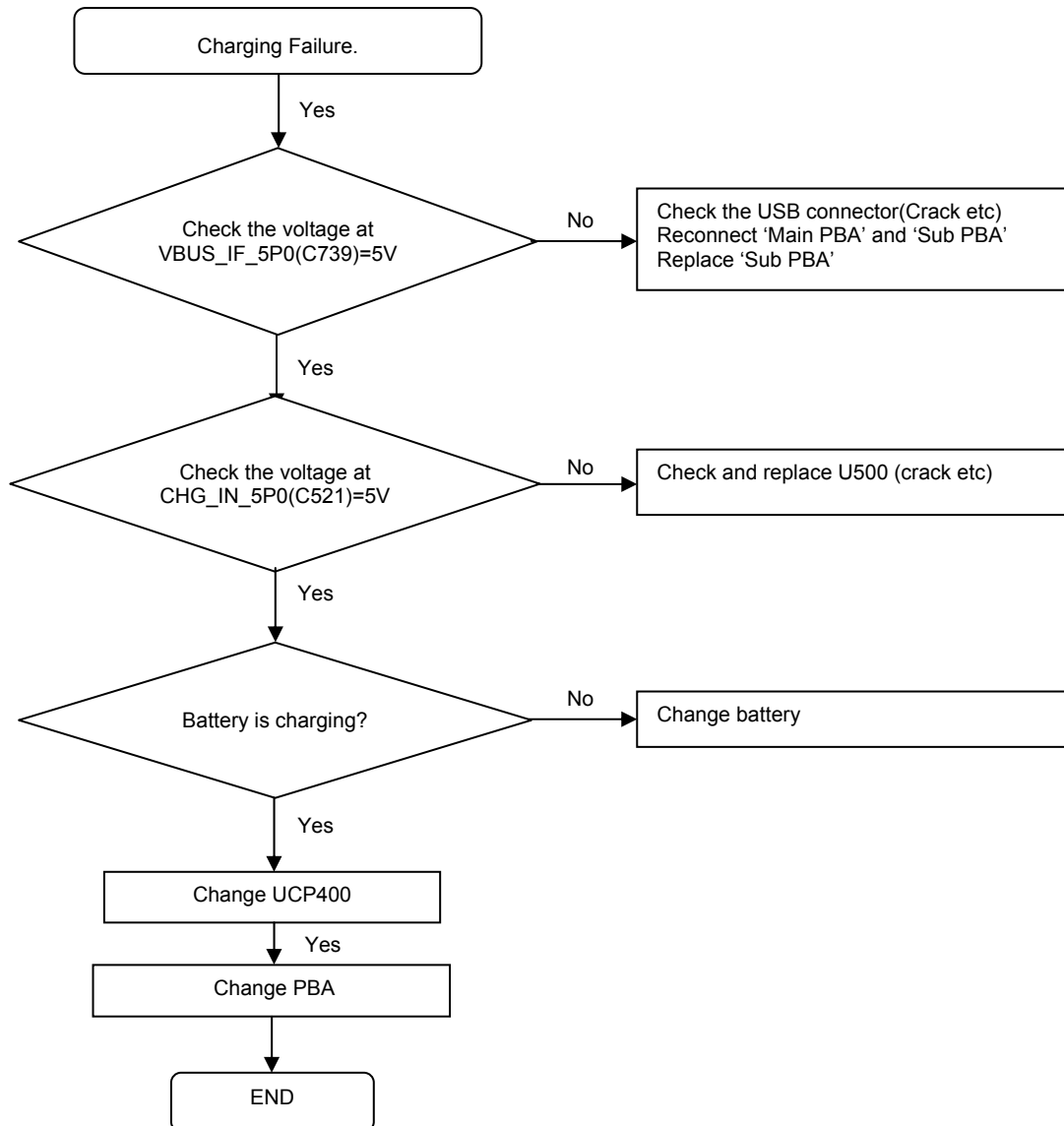
### 8-4-4. Sim Part





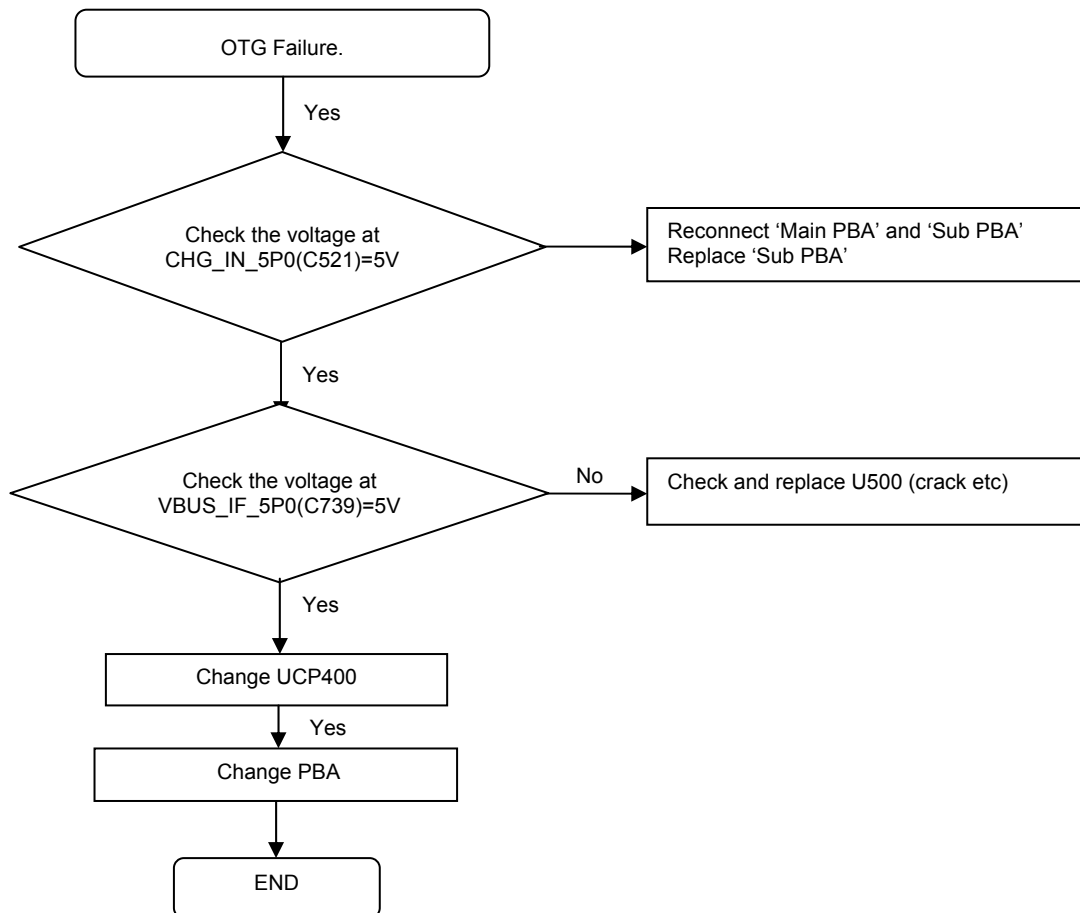
## 8. Level 3 Repair

### 8-4-5. Charging Part



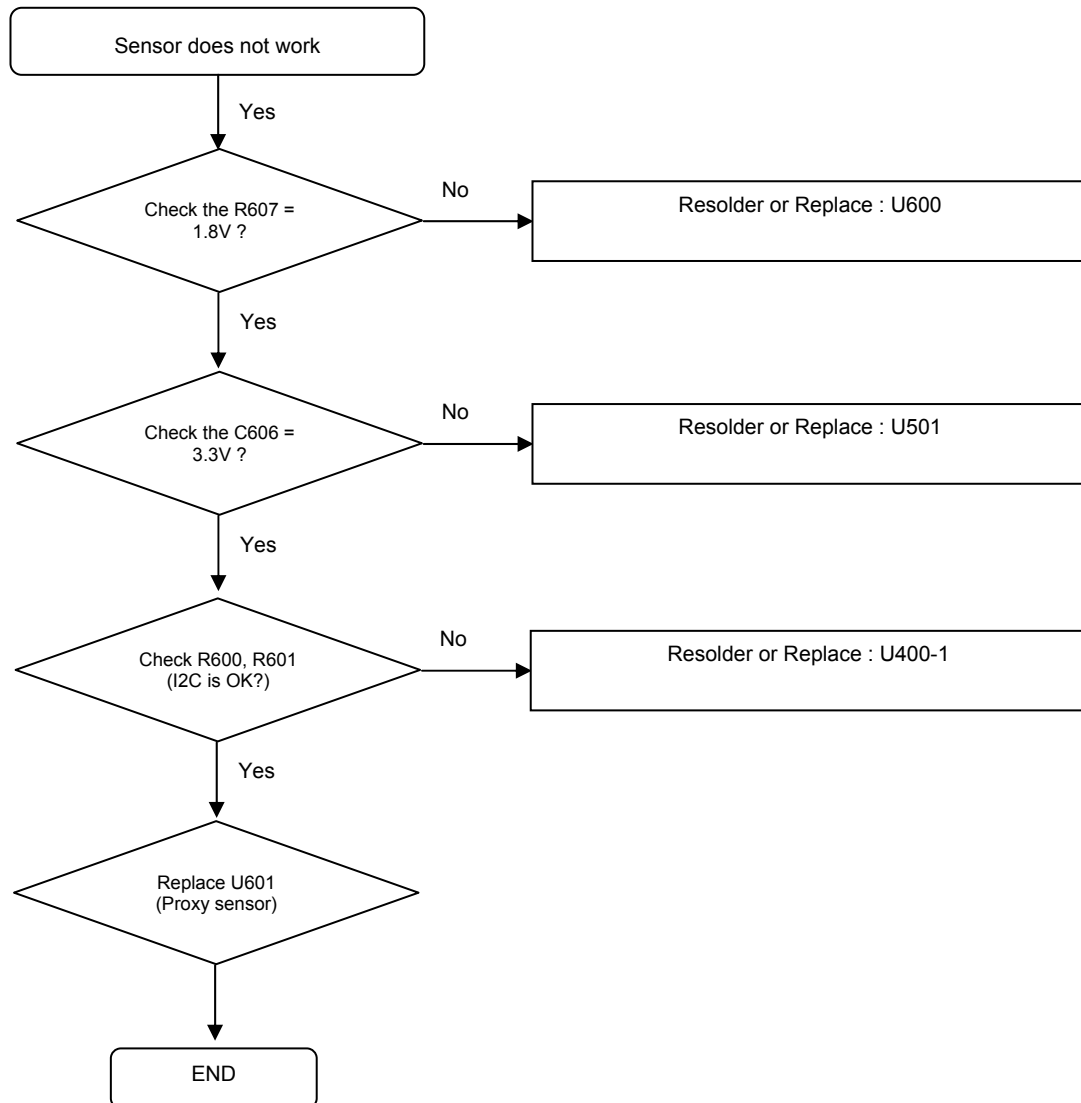
## 8. Level 3 Repair

### 8-4-6. OTG



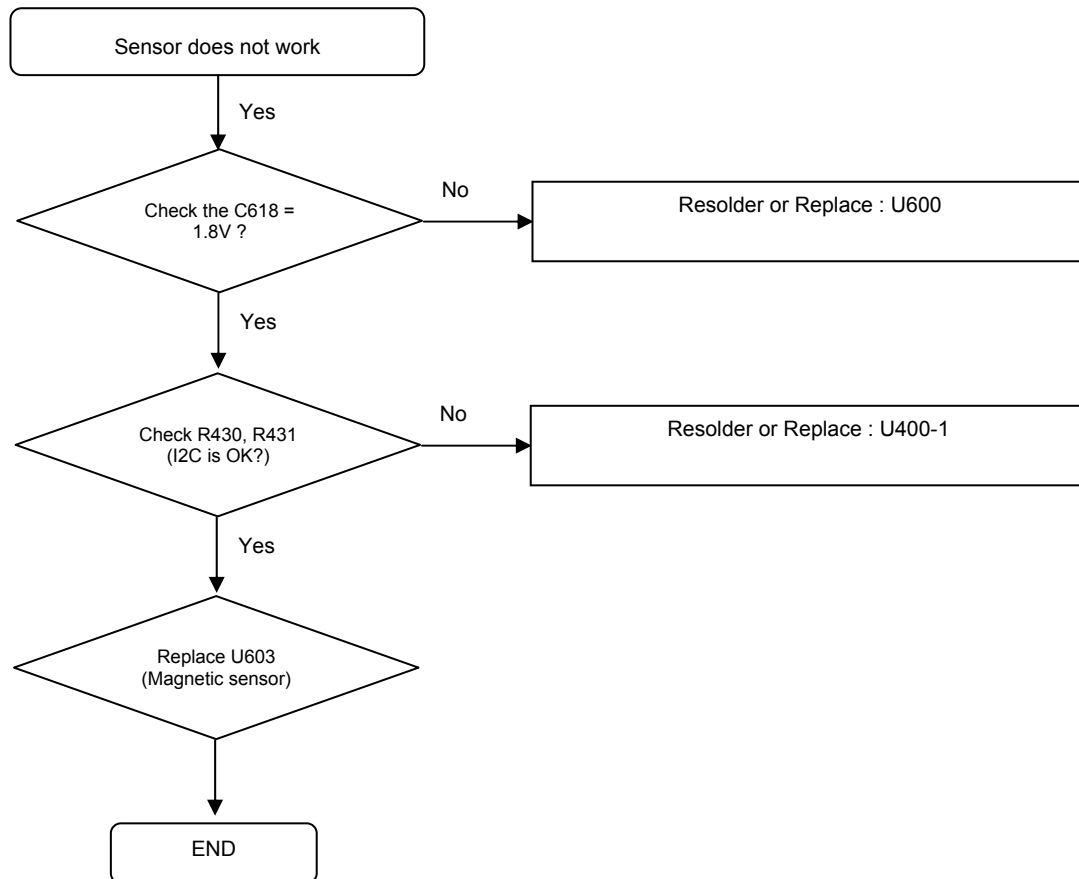
## 8. Level 3 Repair

### 8-4-7. Proxy Sensor



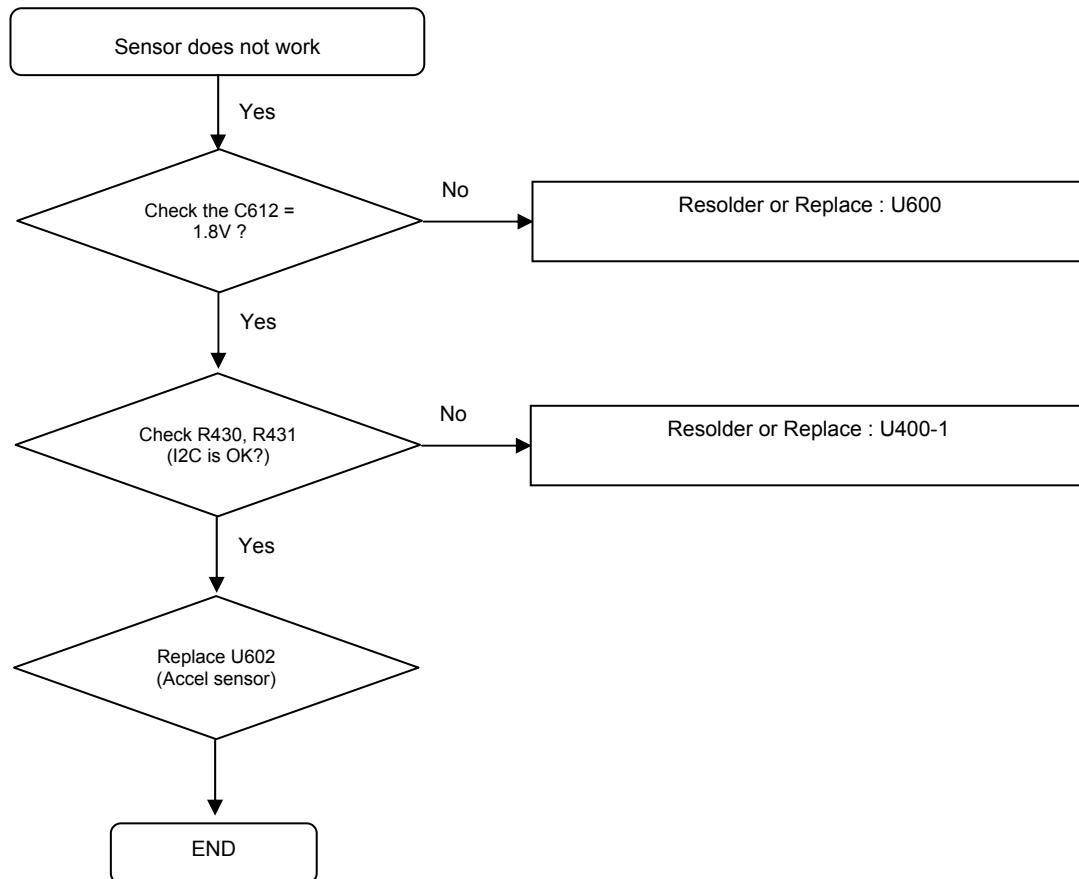
## 8. Level 3 Repair

### 8-4-7-2. Magnetic Sensor



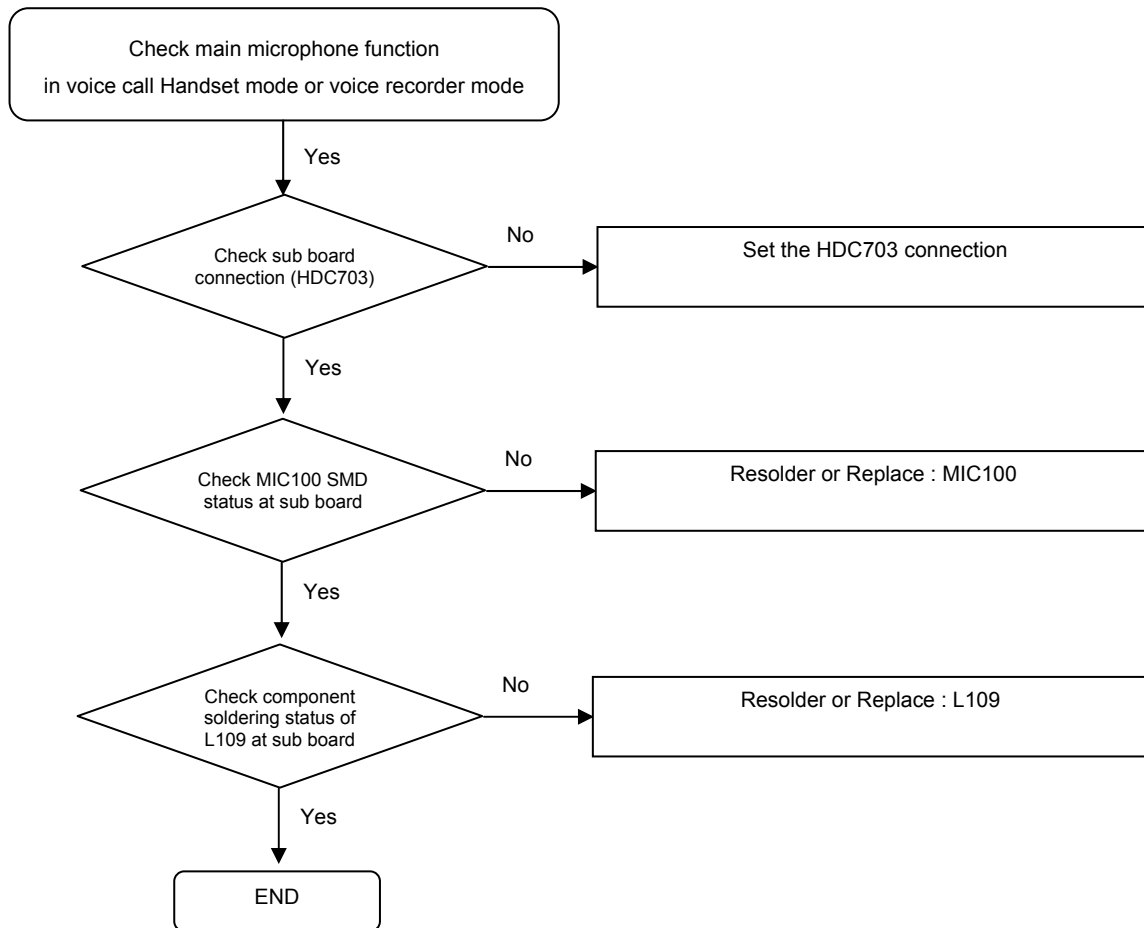
## 8. Level 3 Repair

### 8-4-7-3. Accel Sensor



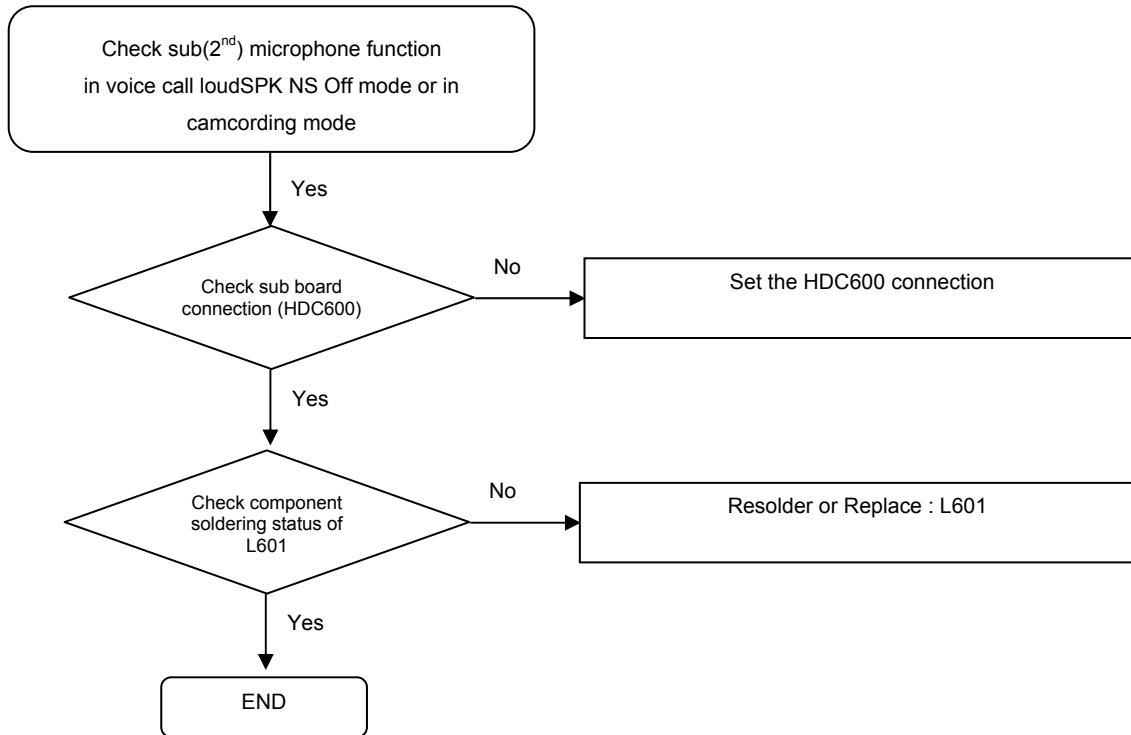
## 8. Level 3 Repair

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



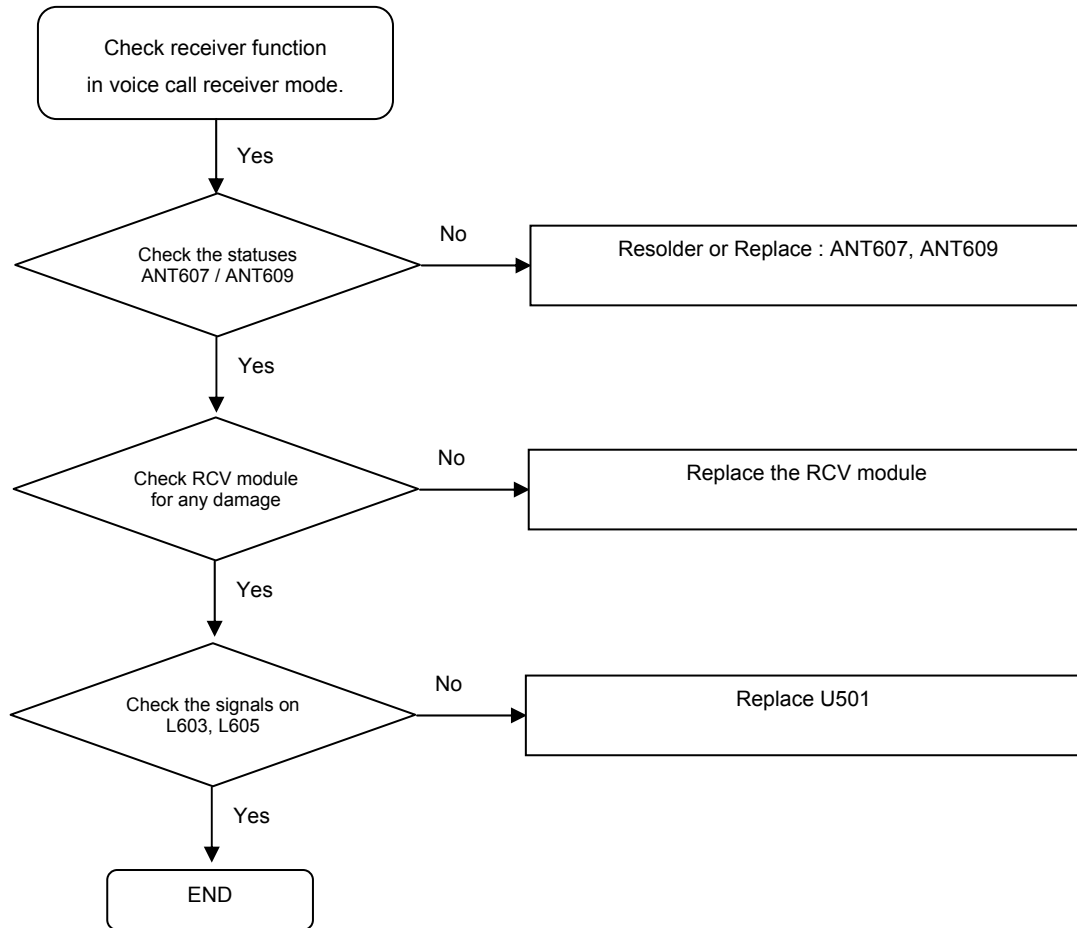
## 8. Level 3 Repair

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



## 8. Level 3 Repair

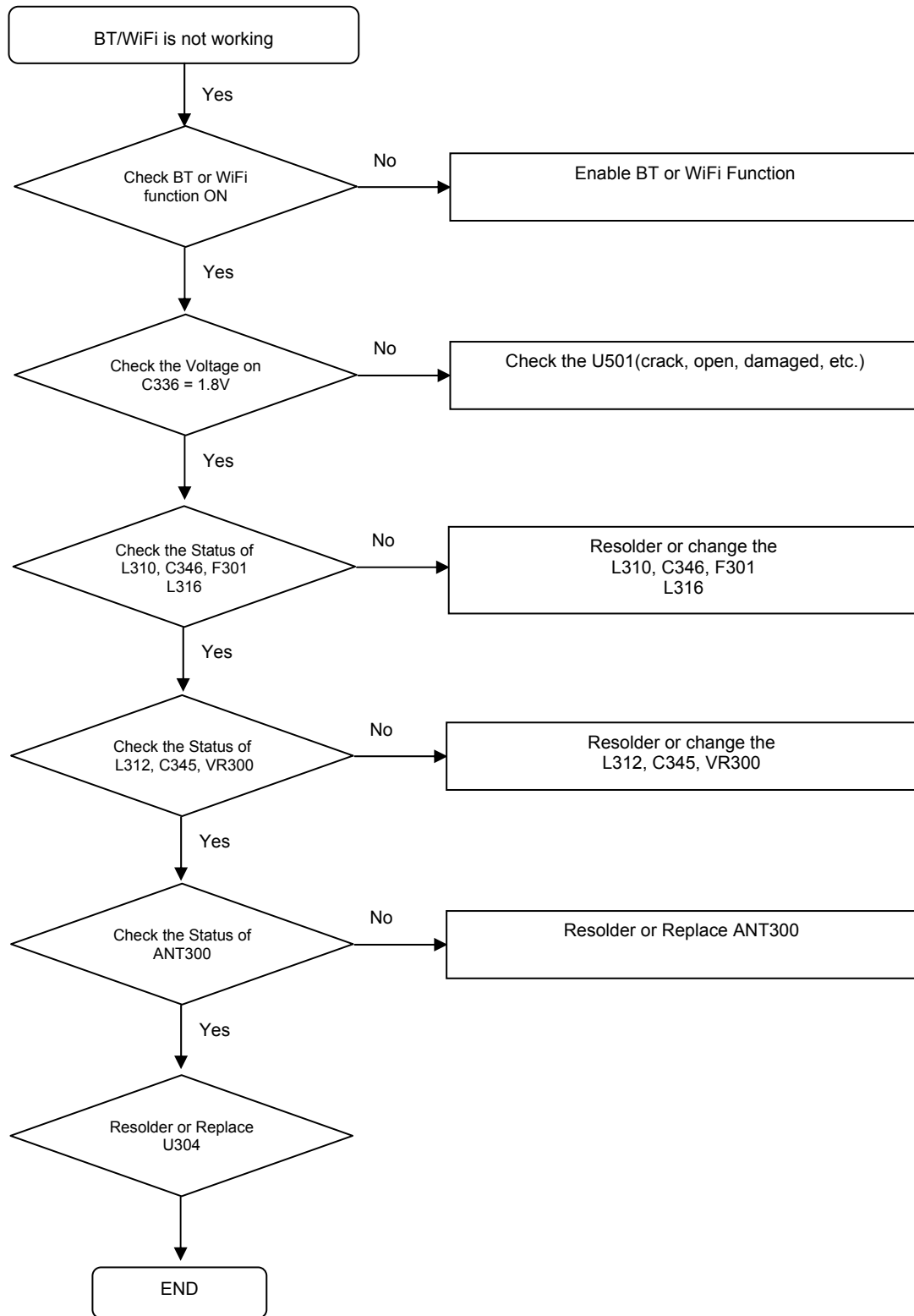
### 8-4-10. Receiver Part





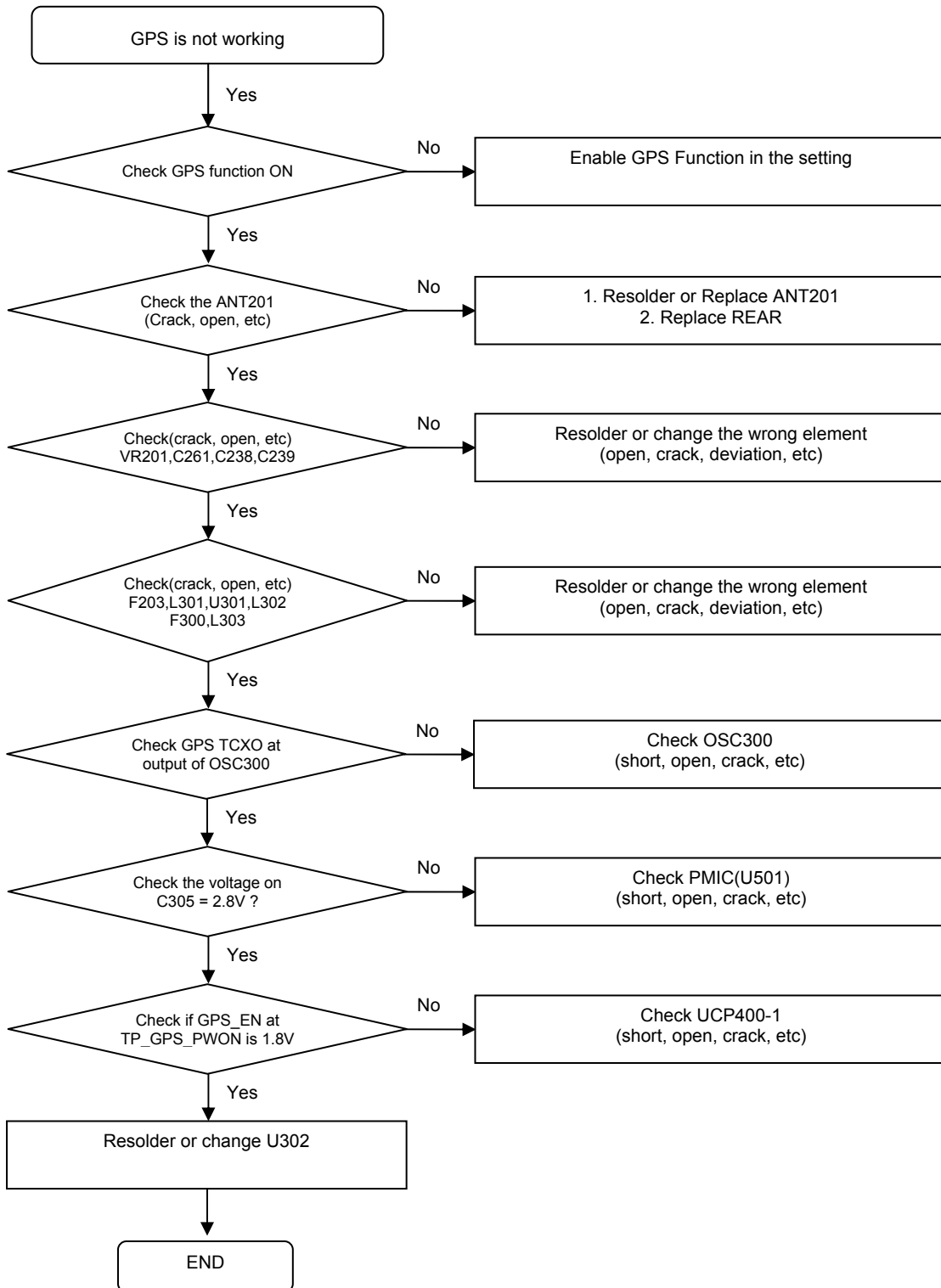
## 8. Level 3 Repair

### 8-4-12. BT/WIFI



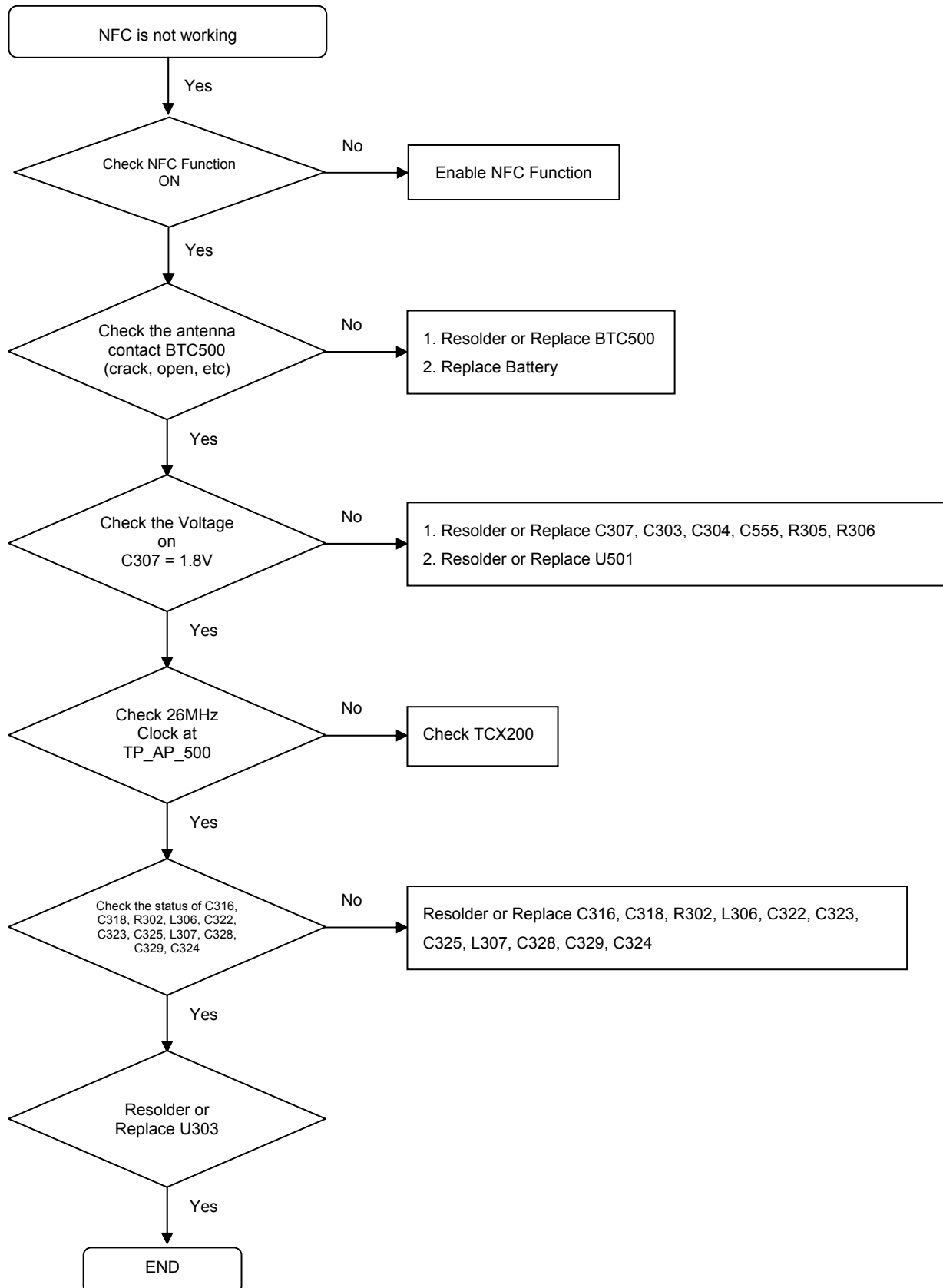
## 8. Level 3 Repair

### 8-4-13. GPS



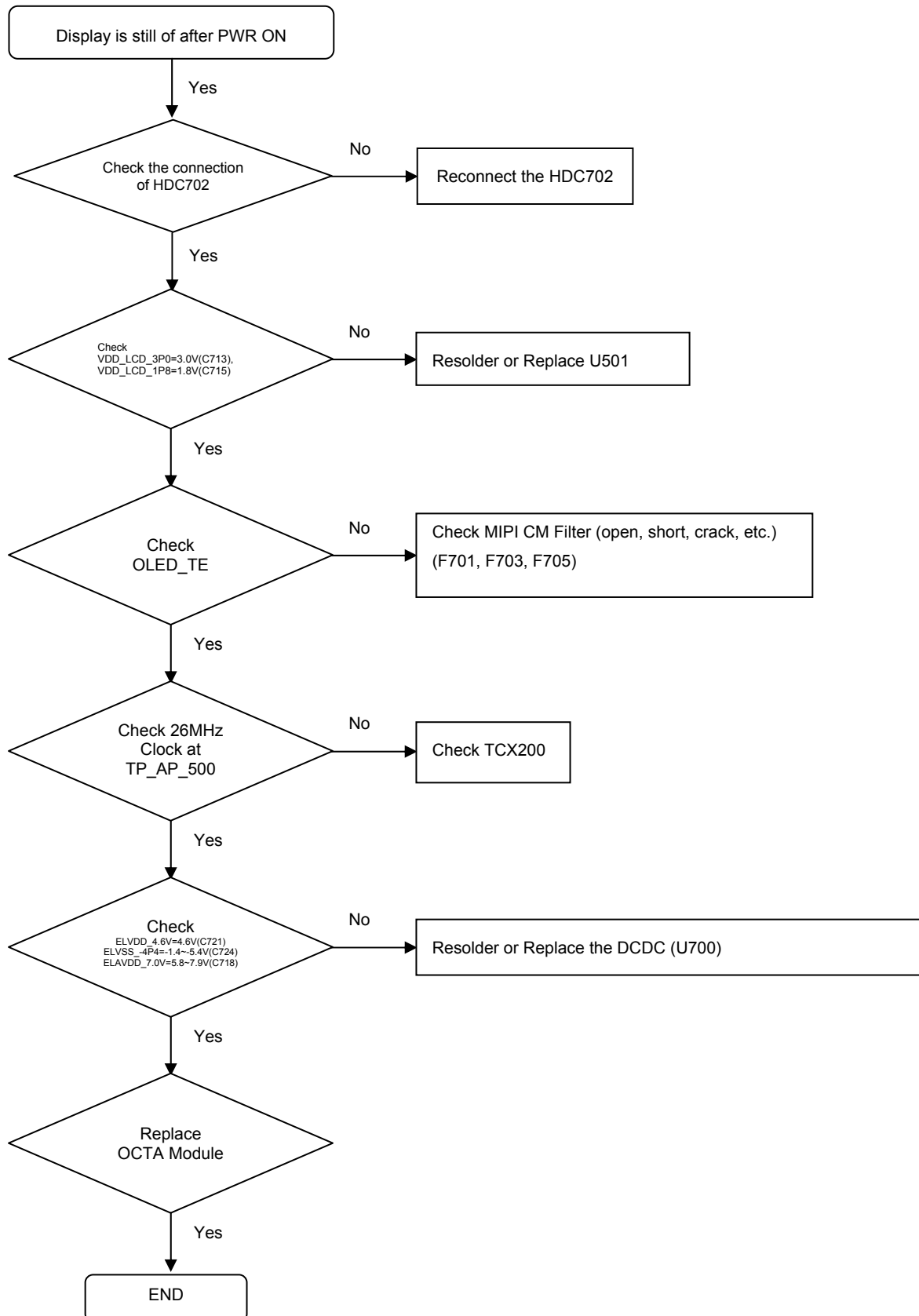
## 8. Level 3 Repair

### 8-4-14. NFC



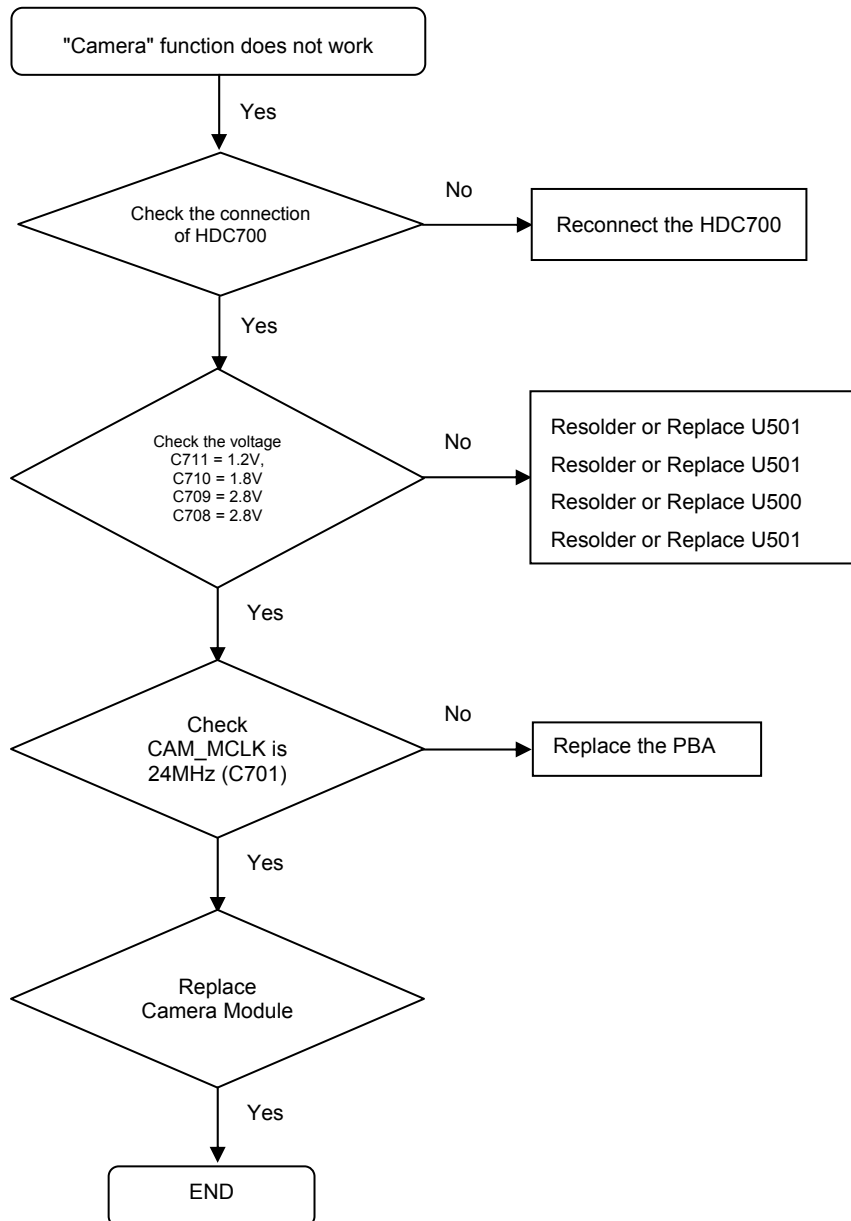
## 8. Level 3 Repair

### 8-4-15. Display



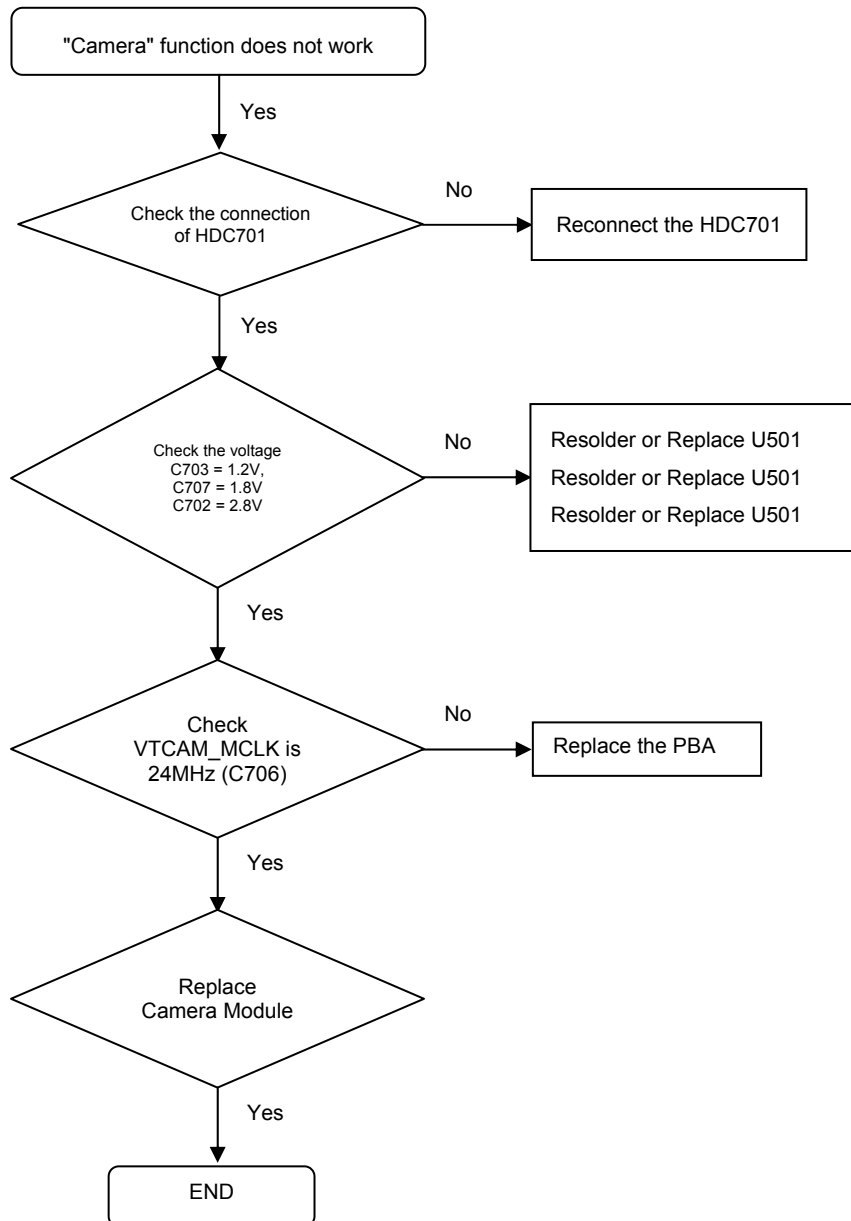
## 8. Level 3 Repair

### 8-4-16. 16M CAM



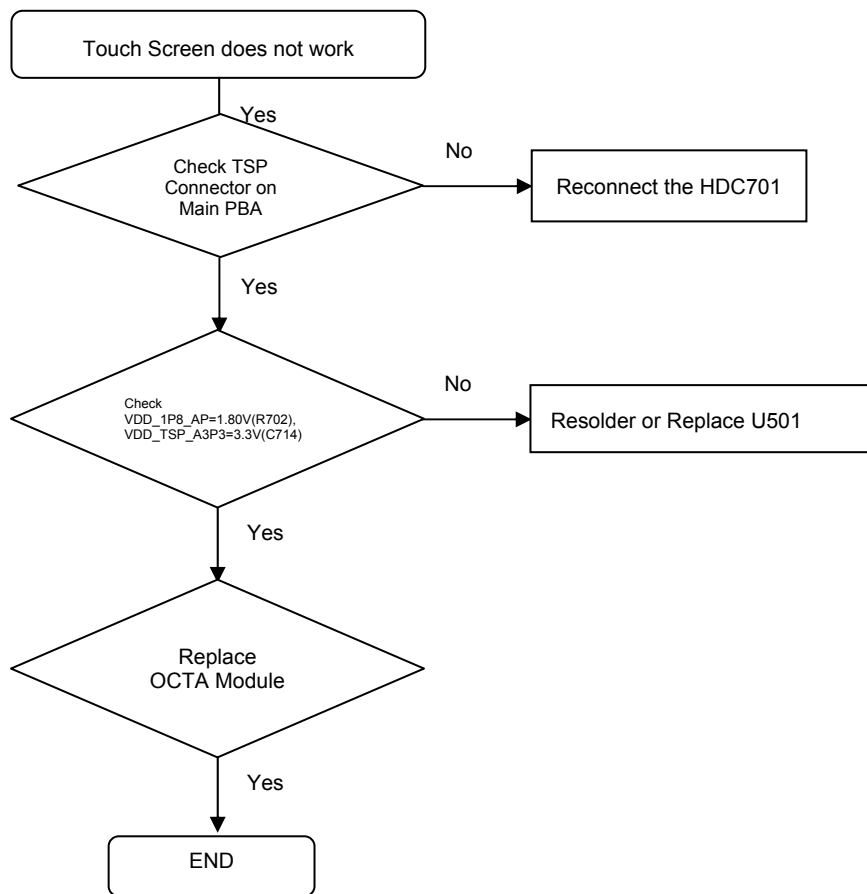
## 8. Level 3 Repair

### 8-4-17. 5M CAM



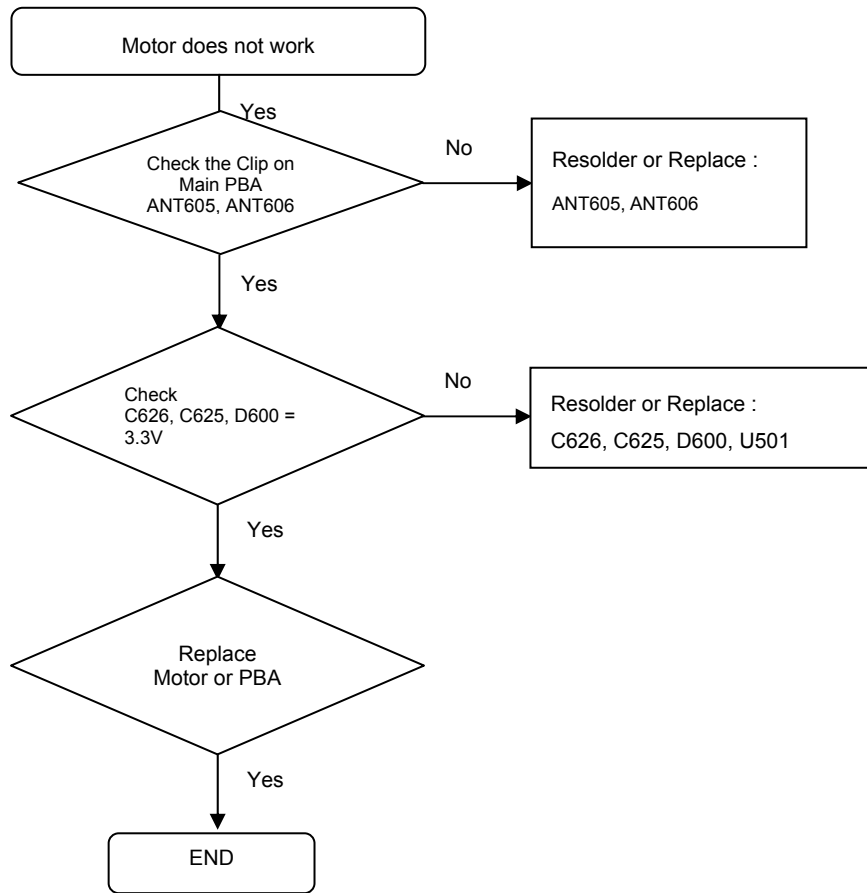
## 8. Level 3 Repair

### 8-4-18. TSP



## 8. Level 3 Repair

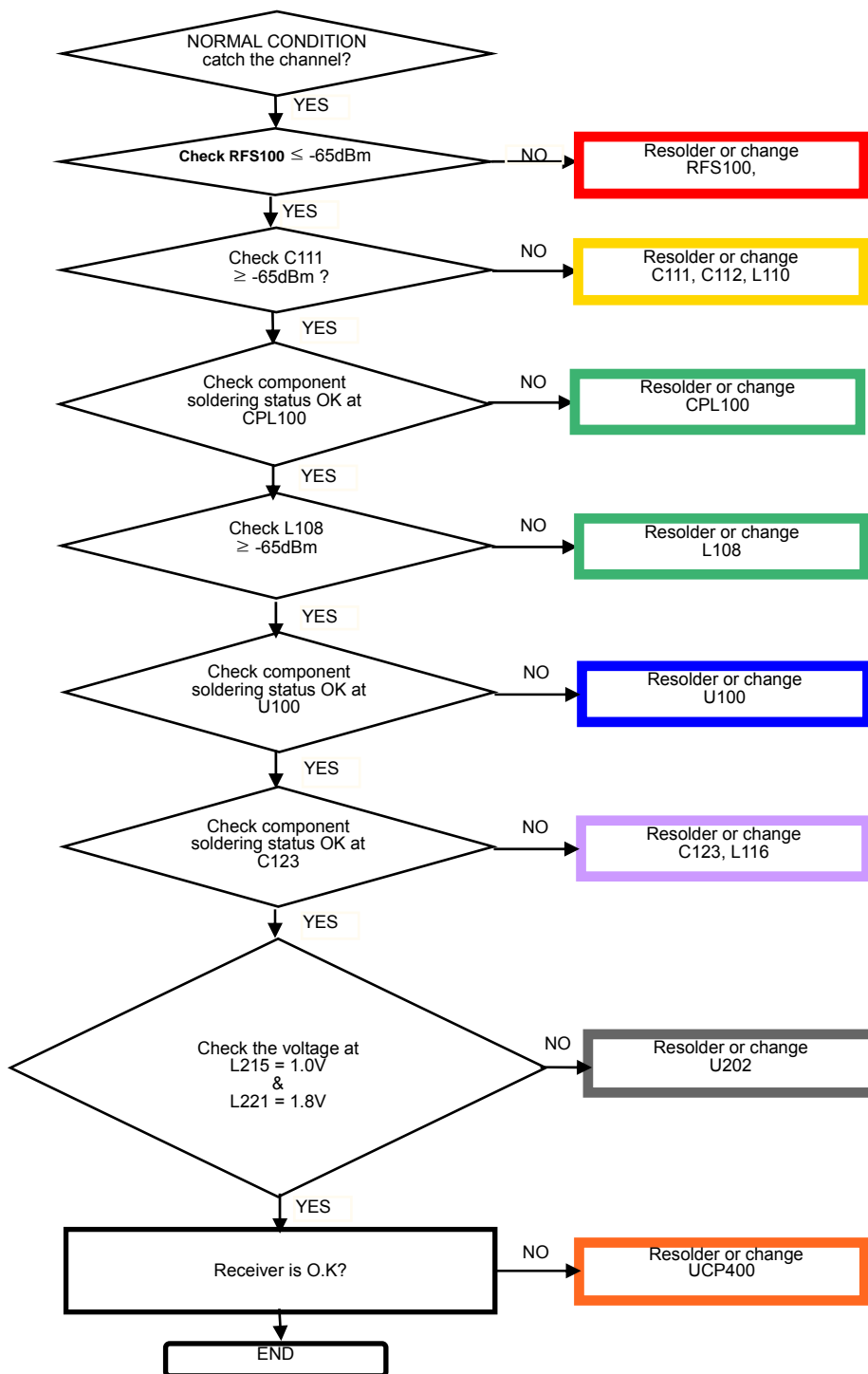
### 8-4-19. Motor





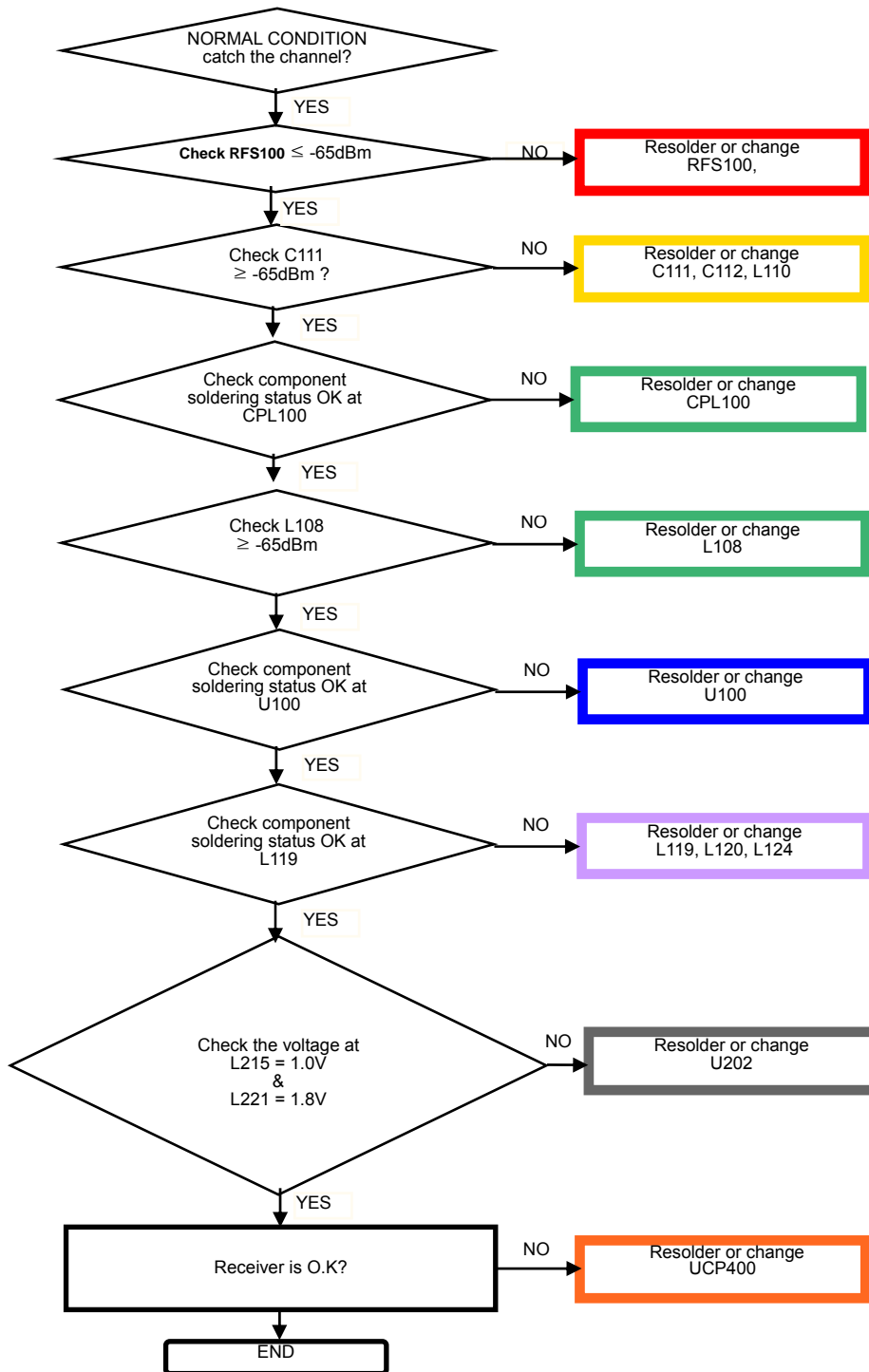
## 8. Level 3 Repair

8-4-20. GSM850 / WCDMA B5 / LTE B5 RX



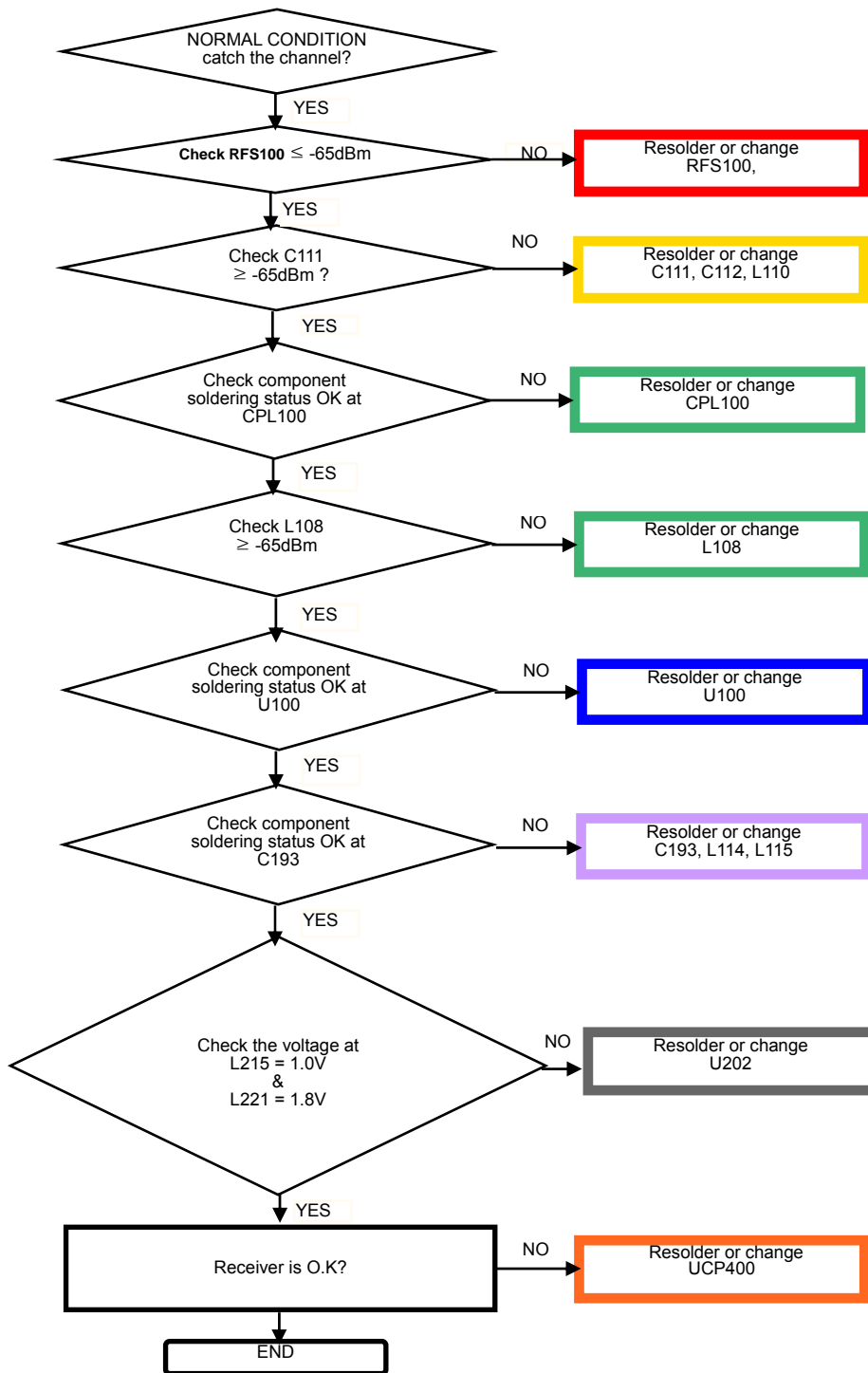
## 8. Level 3 Repair

8-4-21. GSM900 / WCDMA B8 / LTE B8 RX



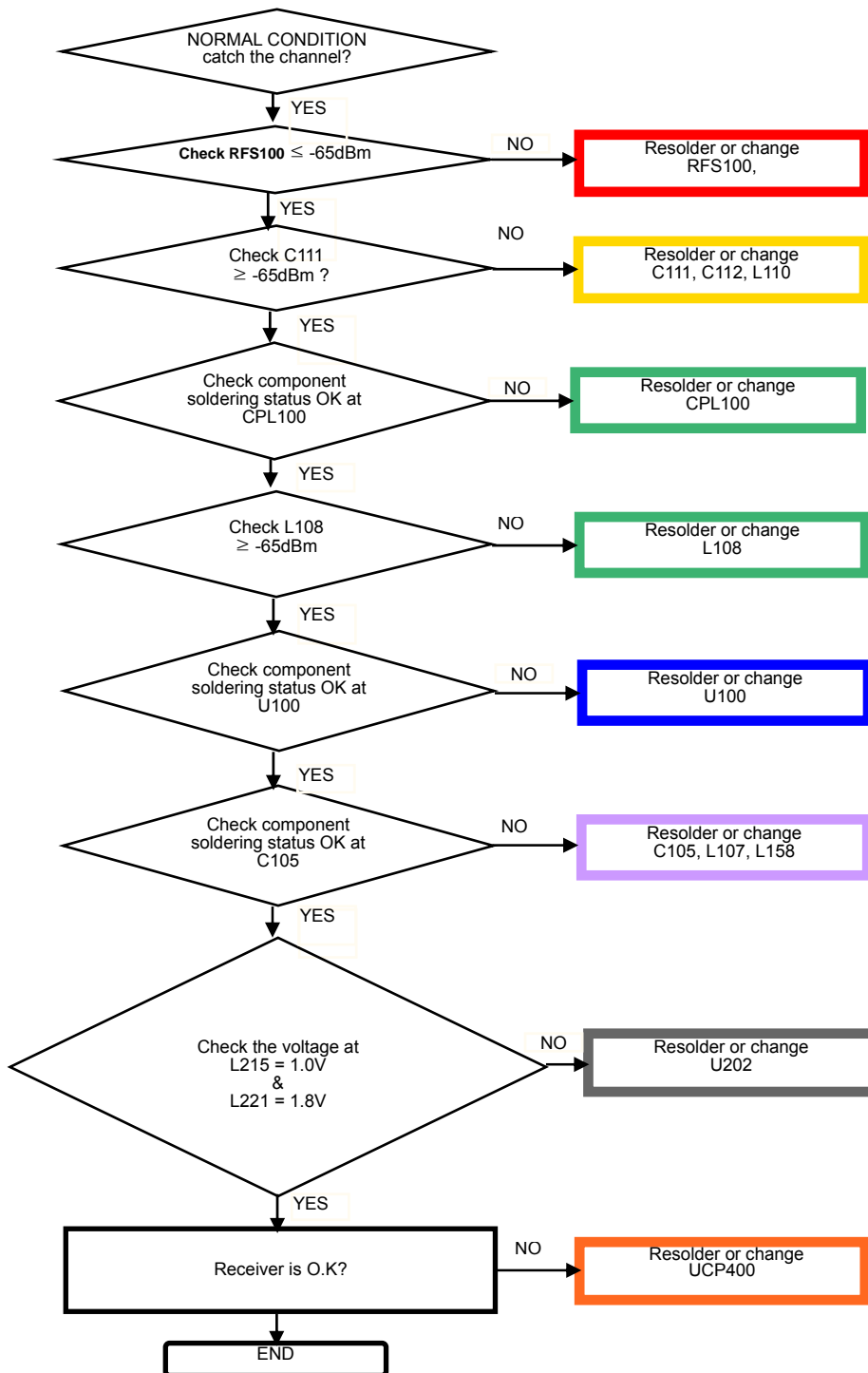
## 8. Level 3 Repair

8-4-22. DCS1800 / LTE B3 RX



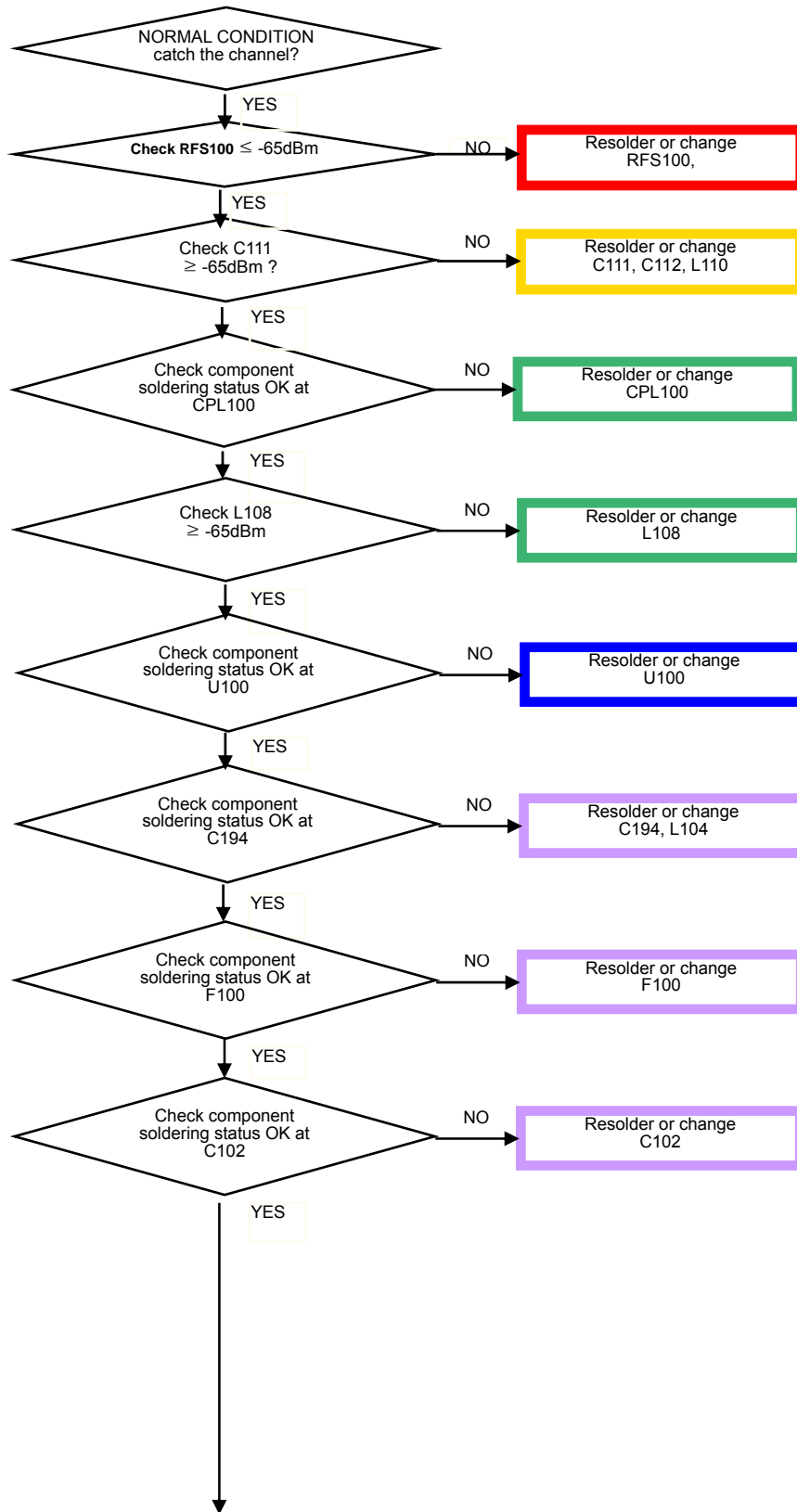
## 8. Level 3 Repair

8-4-23. PCS1900 / WCDMA B2 / LTE B2 RX

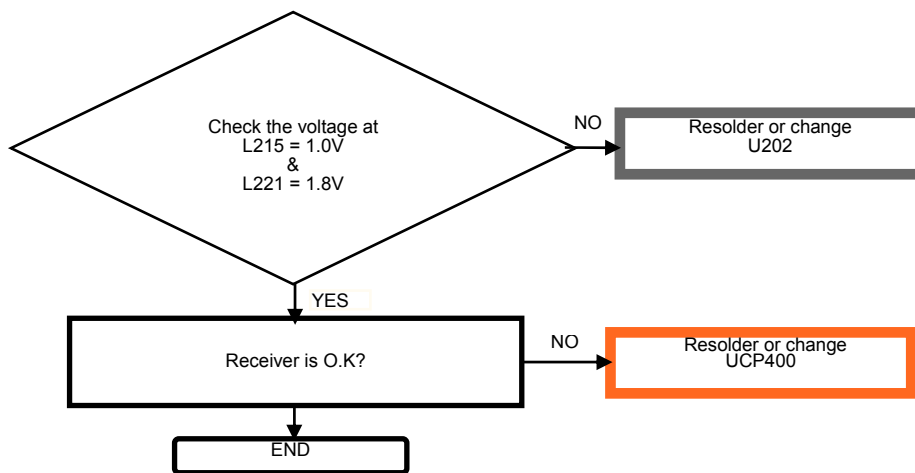


## 8. Level 3 Repair

### 8-4-24. WCDMA B1 / LTE B1 RX

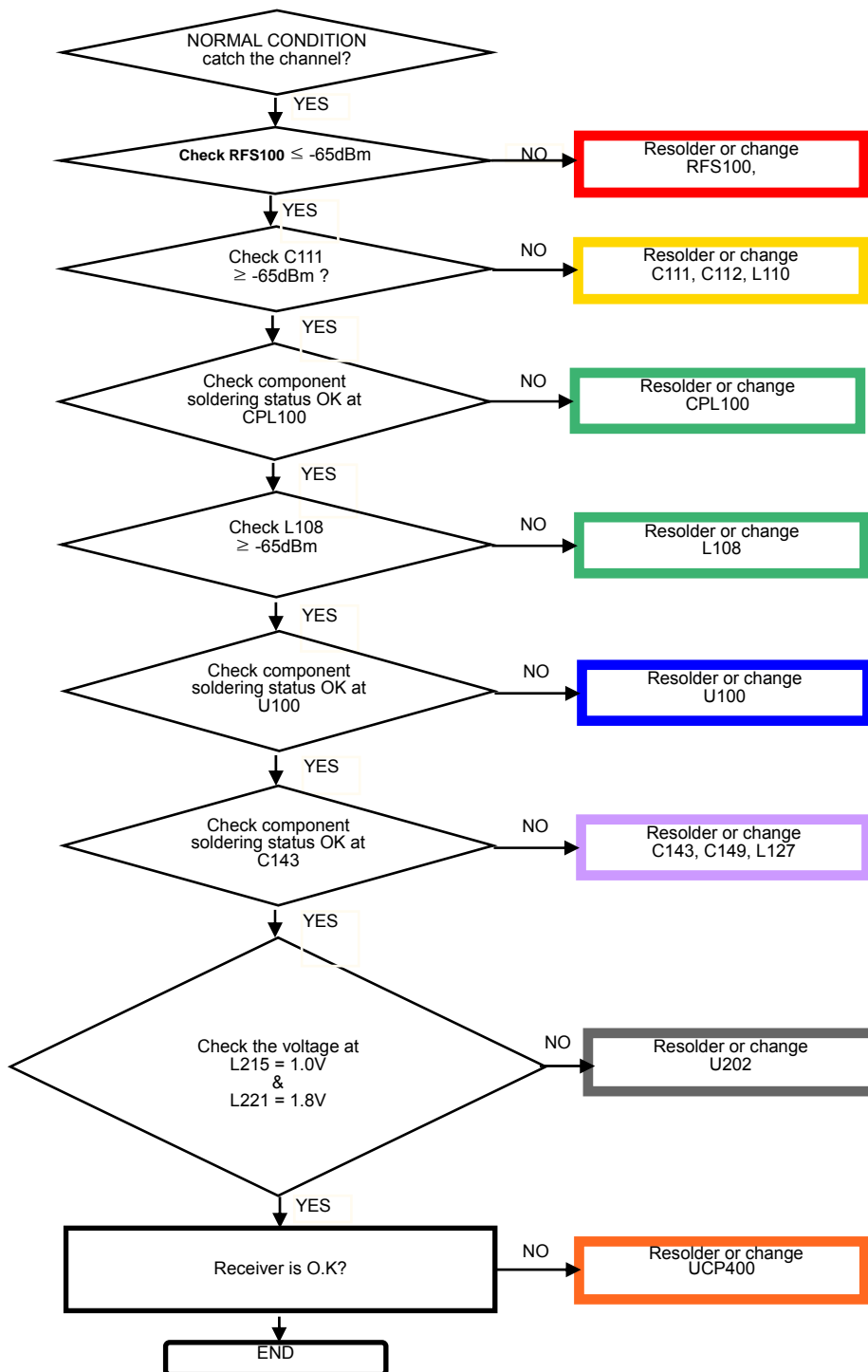


## 8. Level 3 Repair



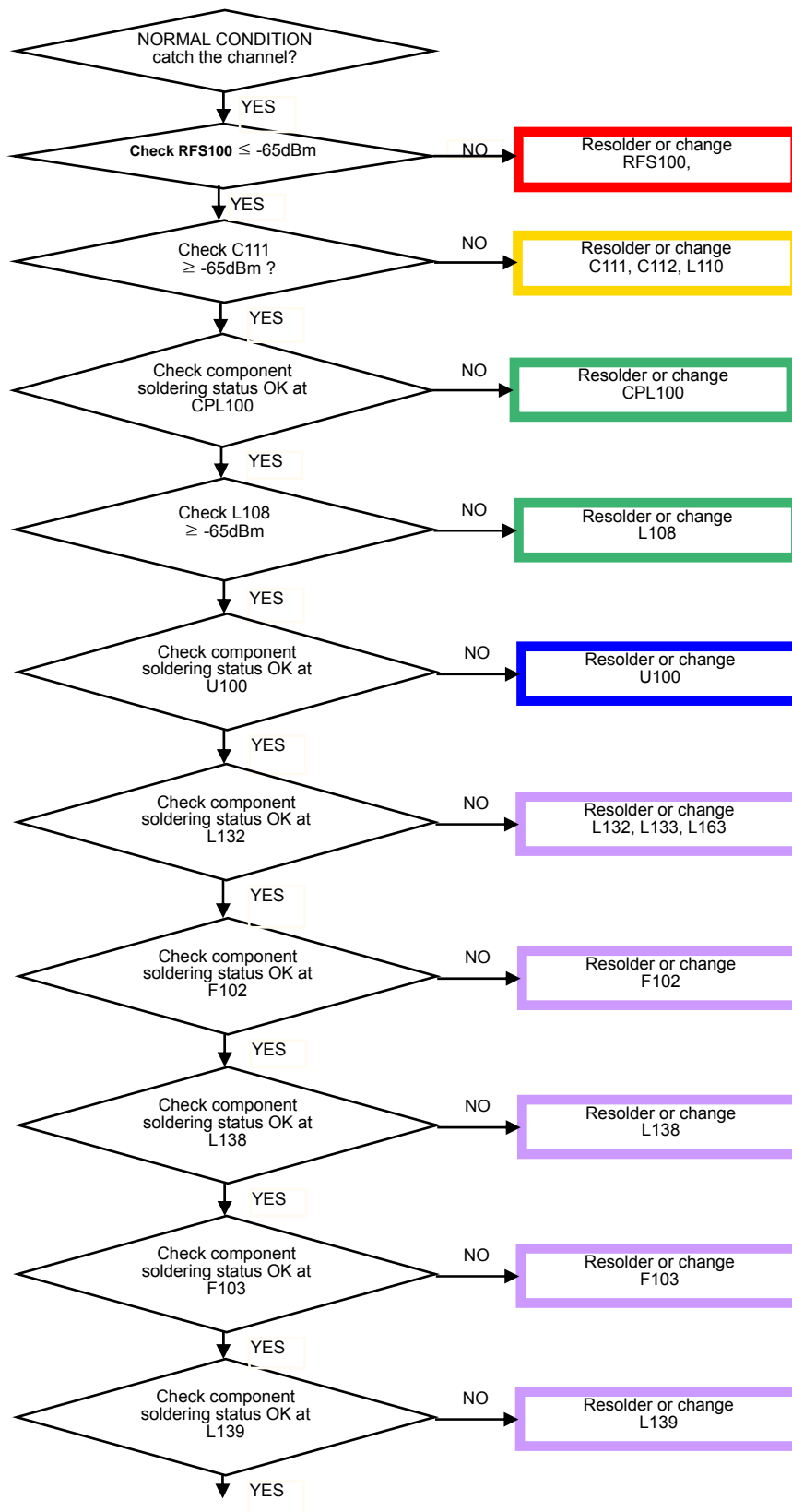
## 8. Level 3 Repair

### 8-4-25. LTE B20 RX



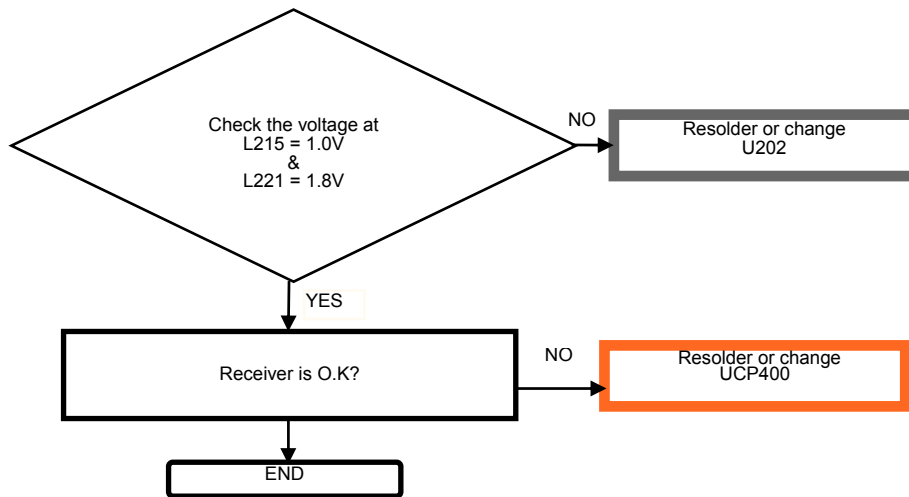
## 8. Level 3 Repair

### 8-4-26. LTE B7 RX



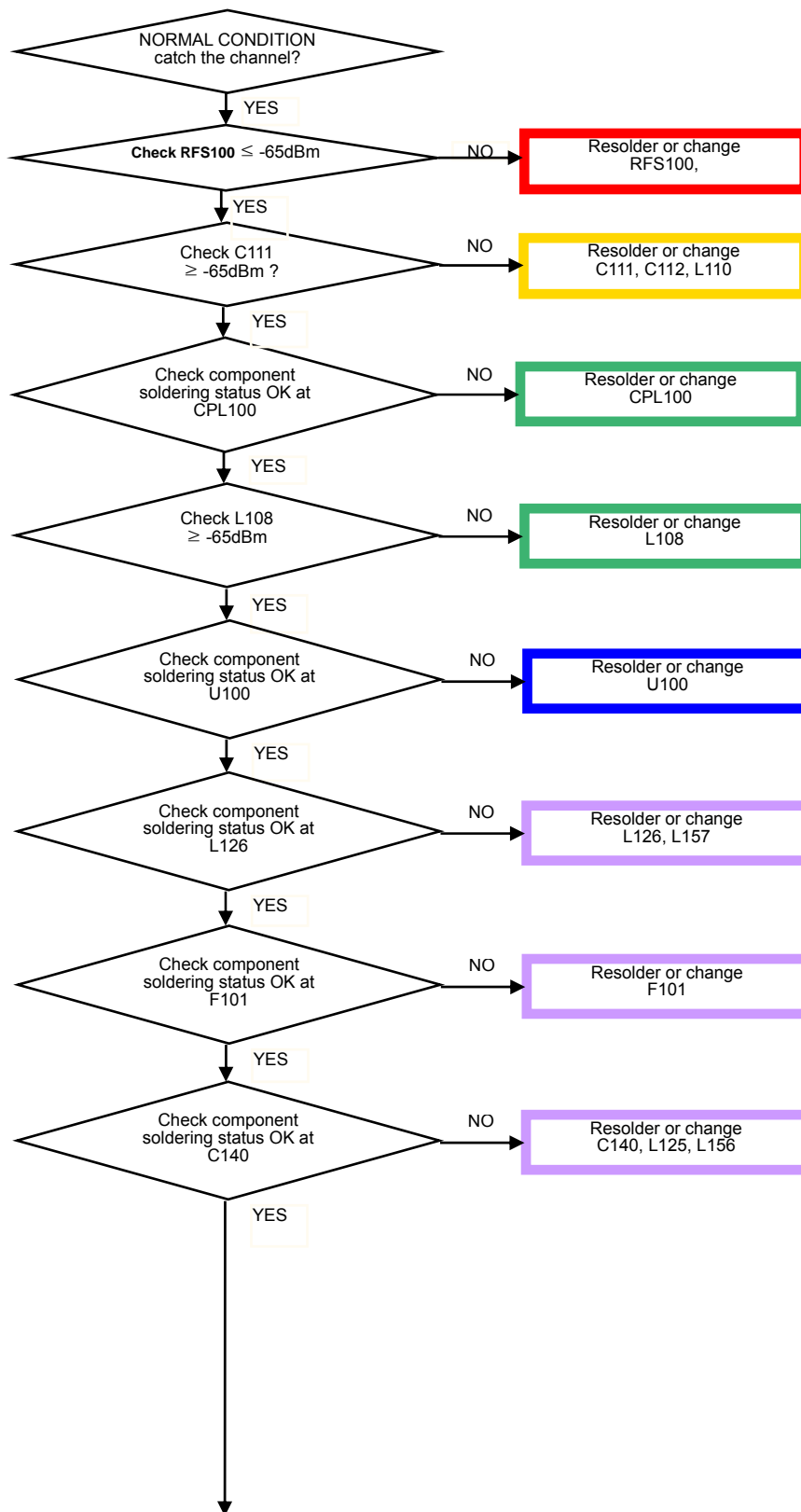


## 8. Level 3 Repair

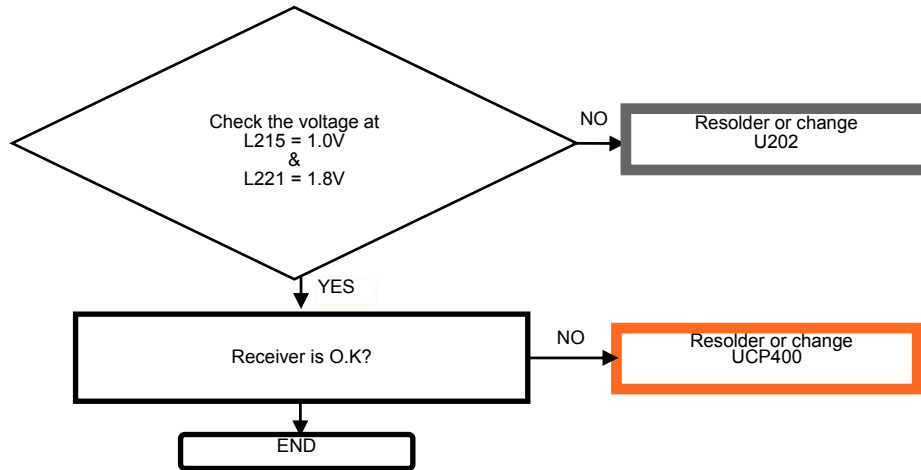


## 8. Level 3 Repair

### 8-4-27. LTE B40 RX

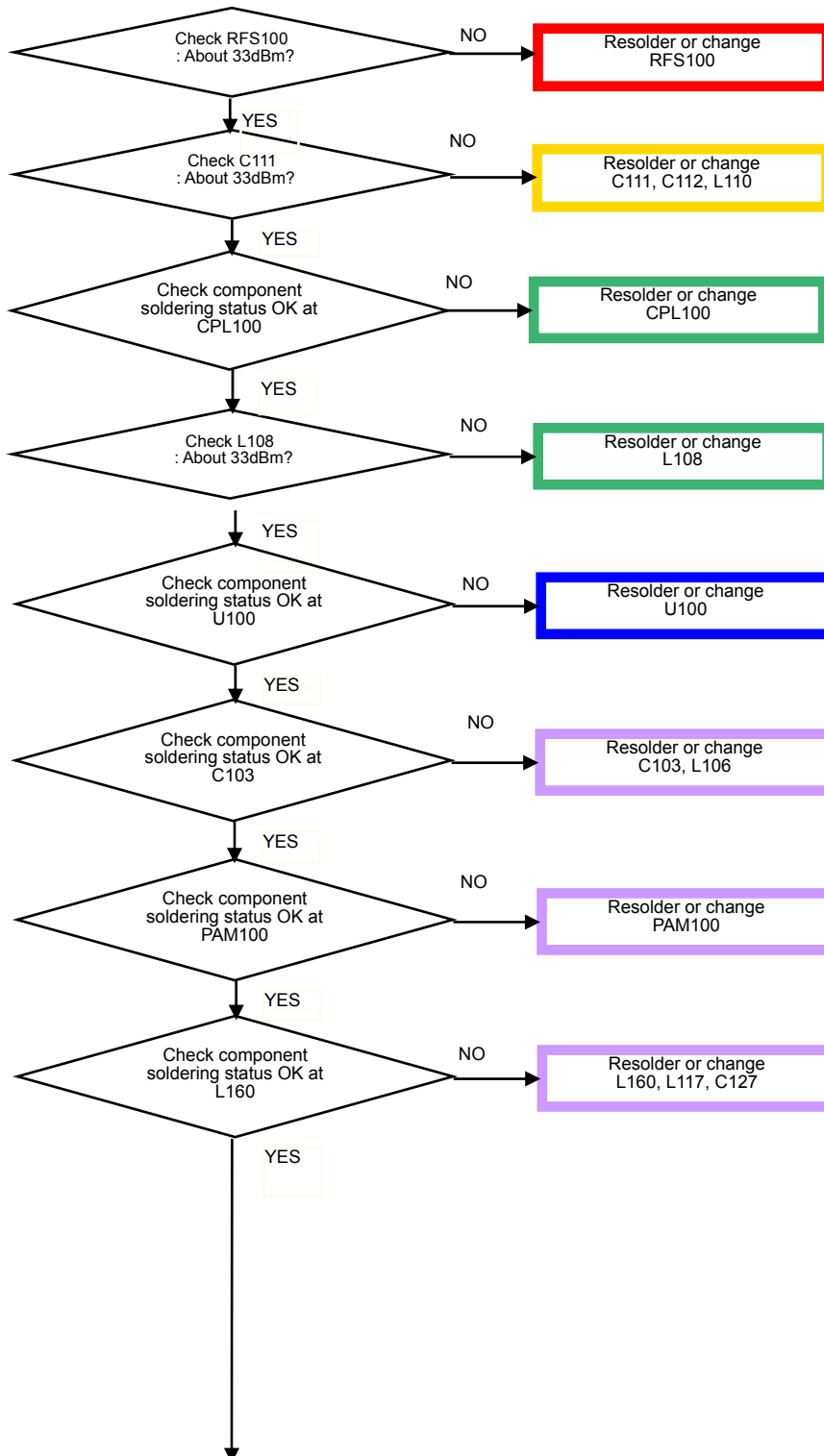


## 8. Level 3 Repair

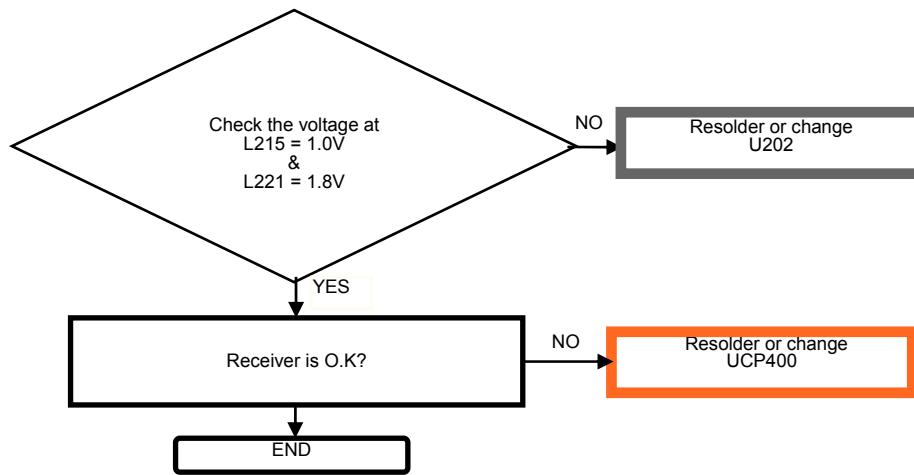


## 8. Level 3 Repair

8-4-28. GSM850, GSM900 TX

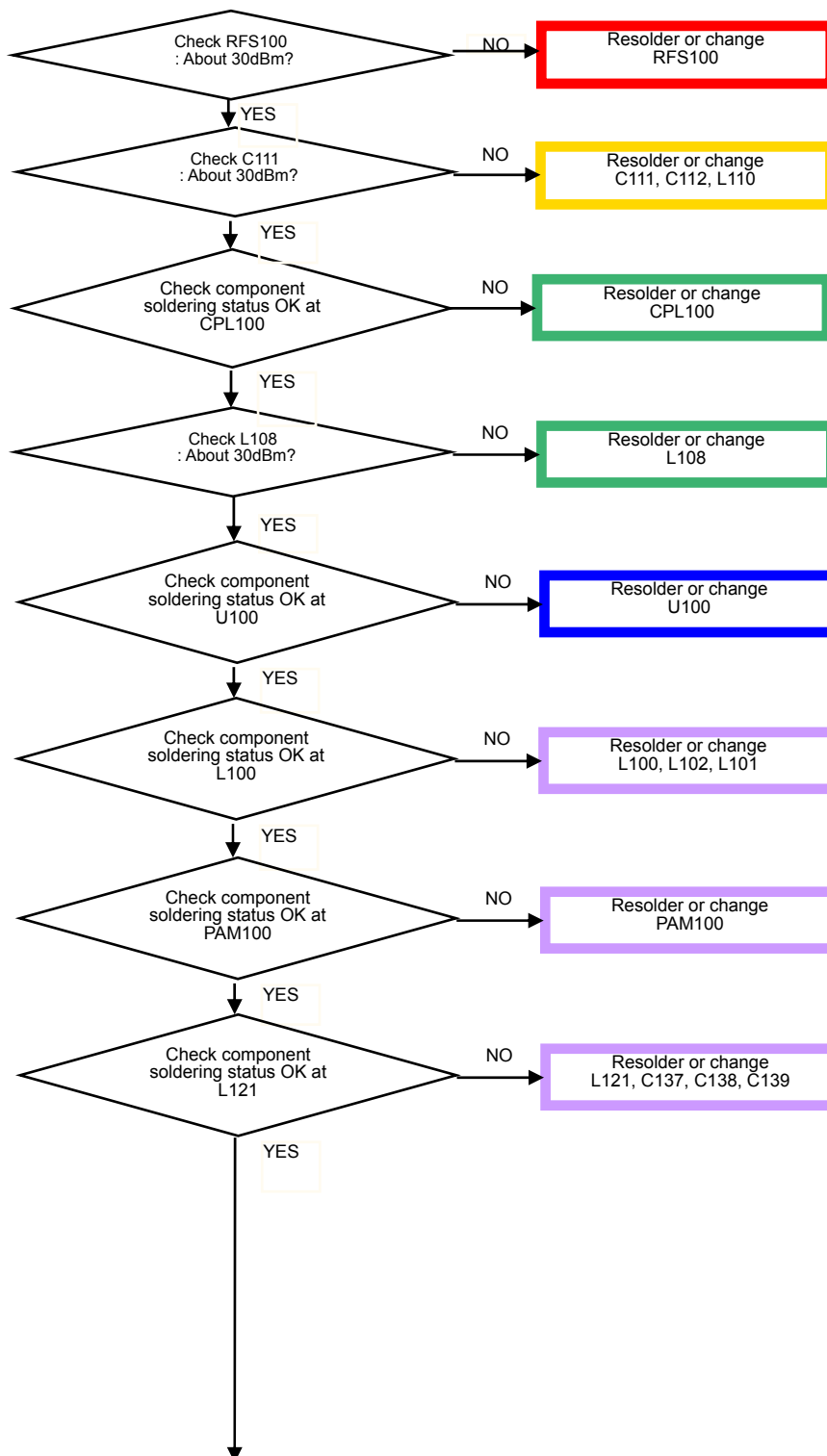


## 8. Level 3 Repair



## 8. Level 3 Repair

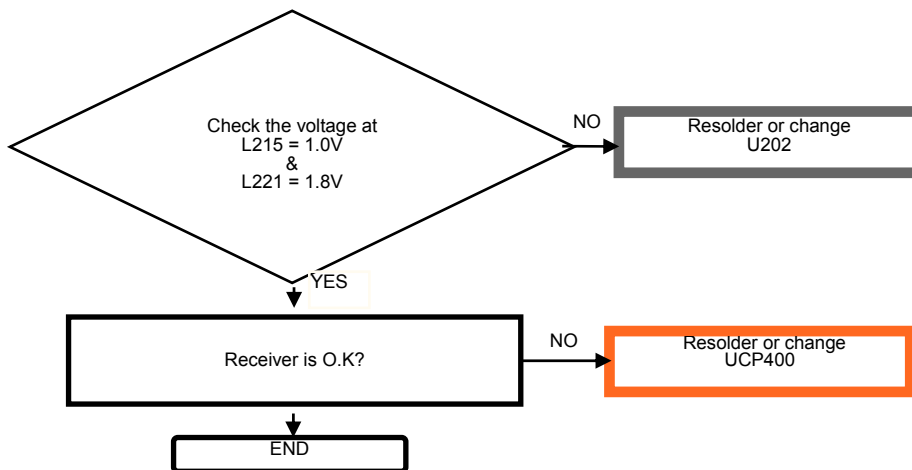
8-4-29. DCS1800 / PCS1900 TX



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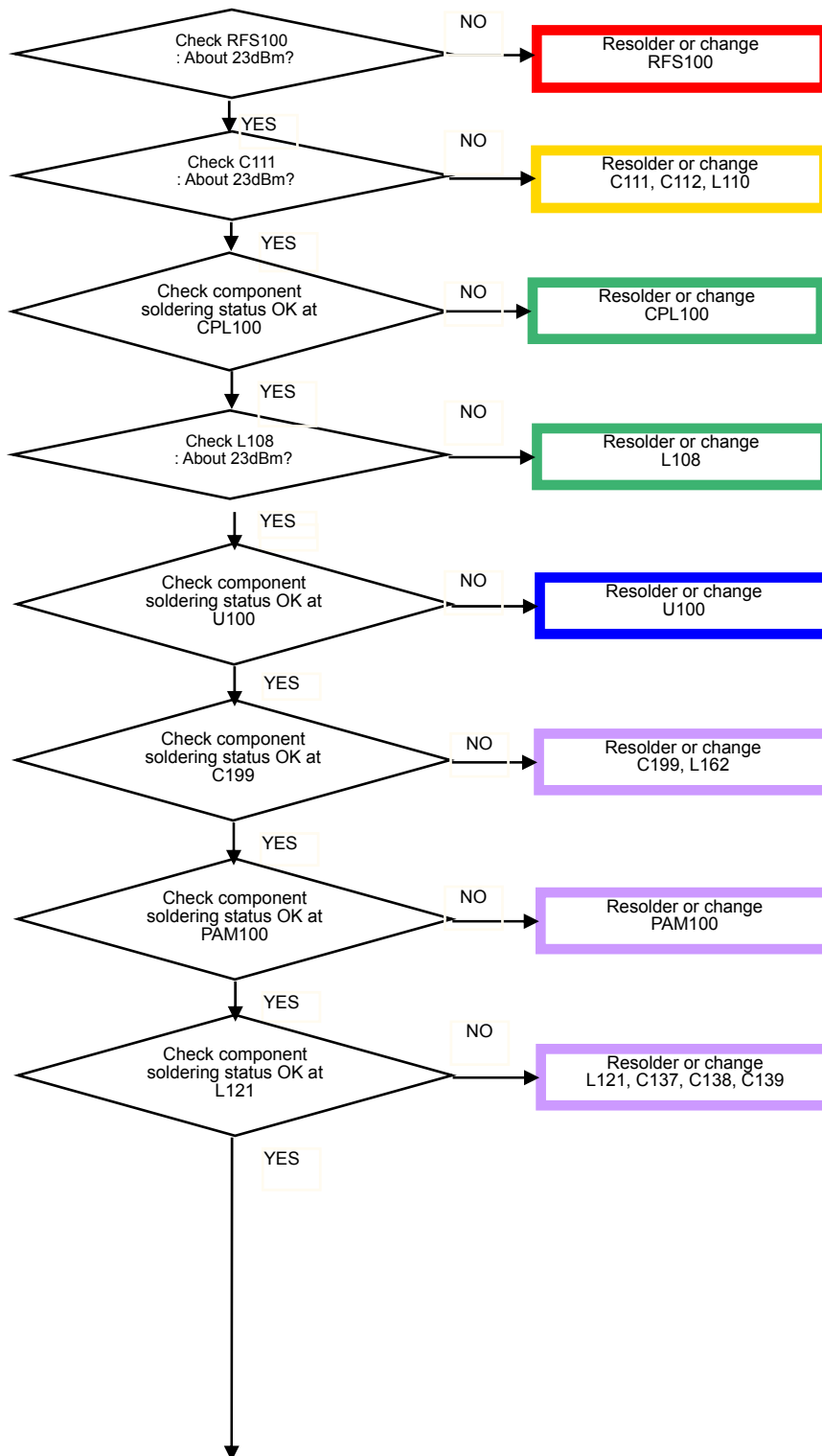
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## 8. Level 3 Repair



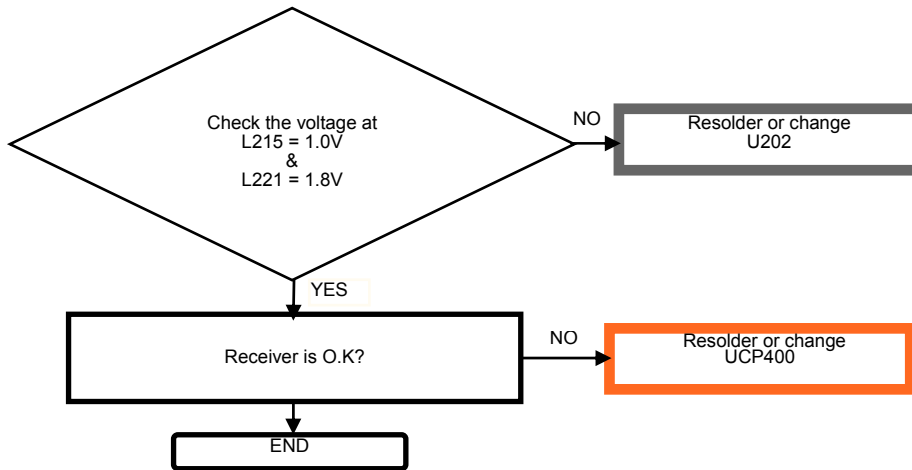
## 8. Level 3 Repair

### 8-4-30. WCDMA B1 / LTE B1 TX



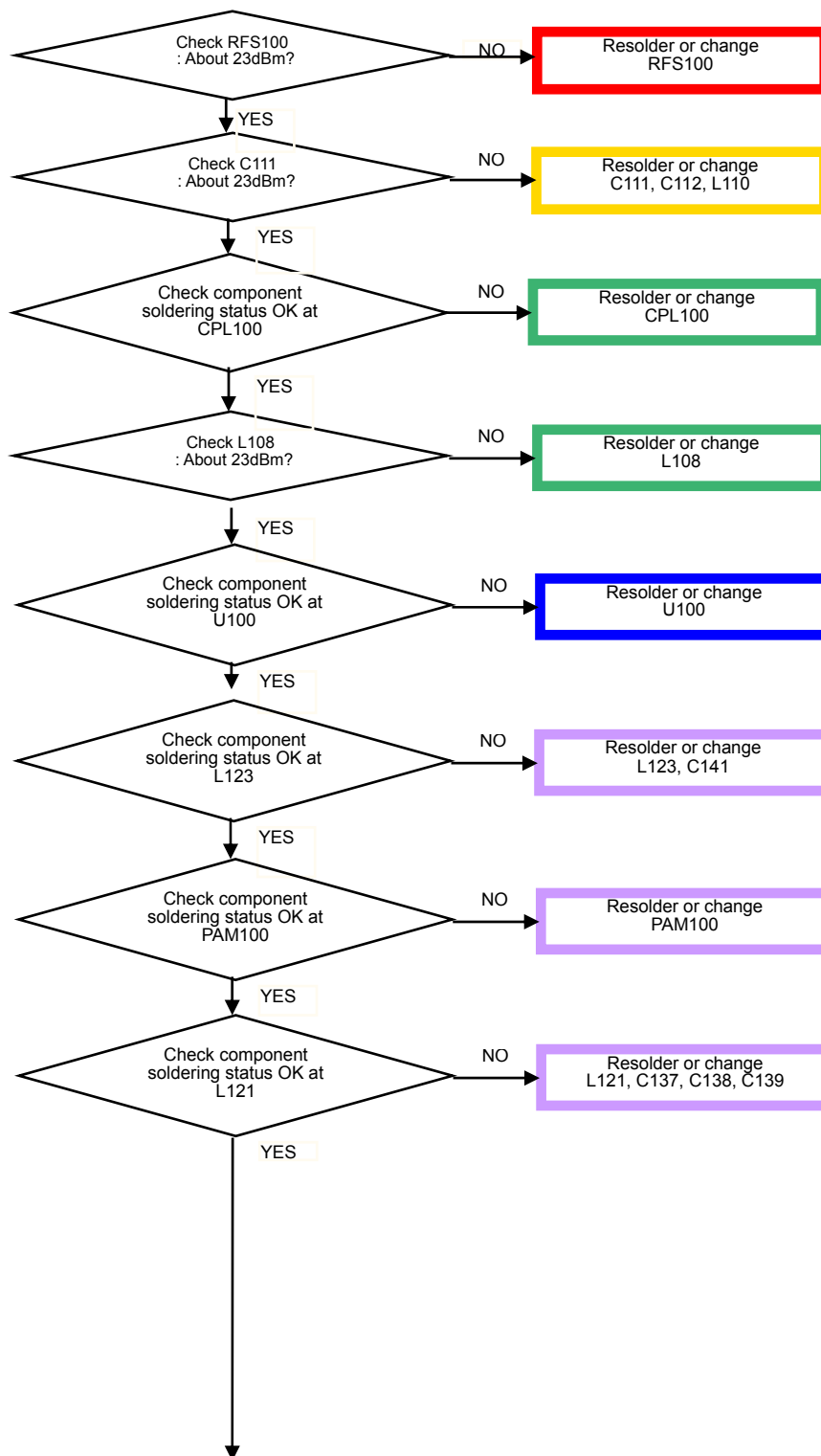


## 8. Level 3 Repair

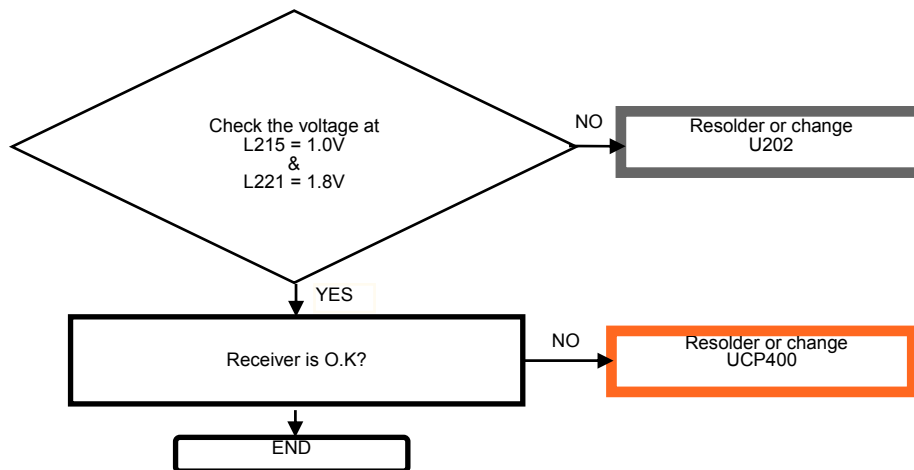


## 8. Level 3 Repair

### 8-4-31. WCDMA B2 TX

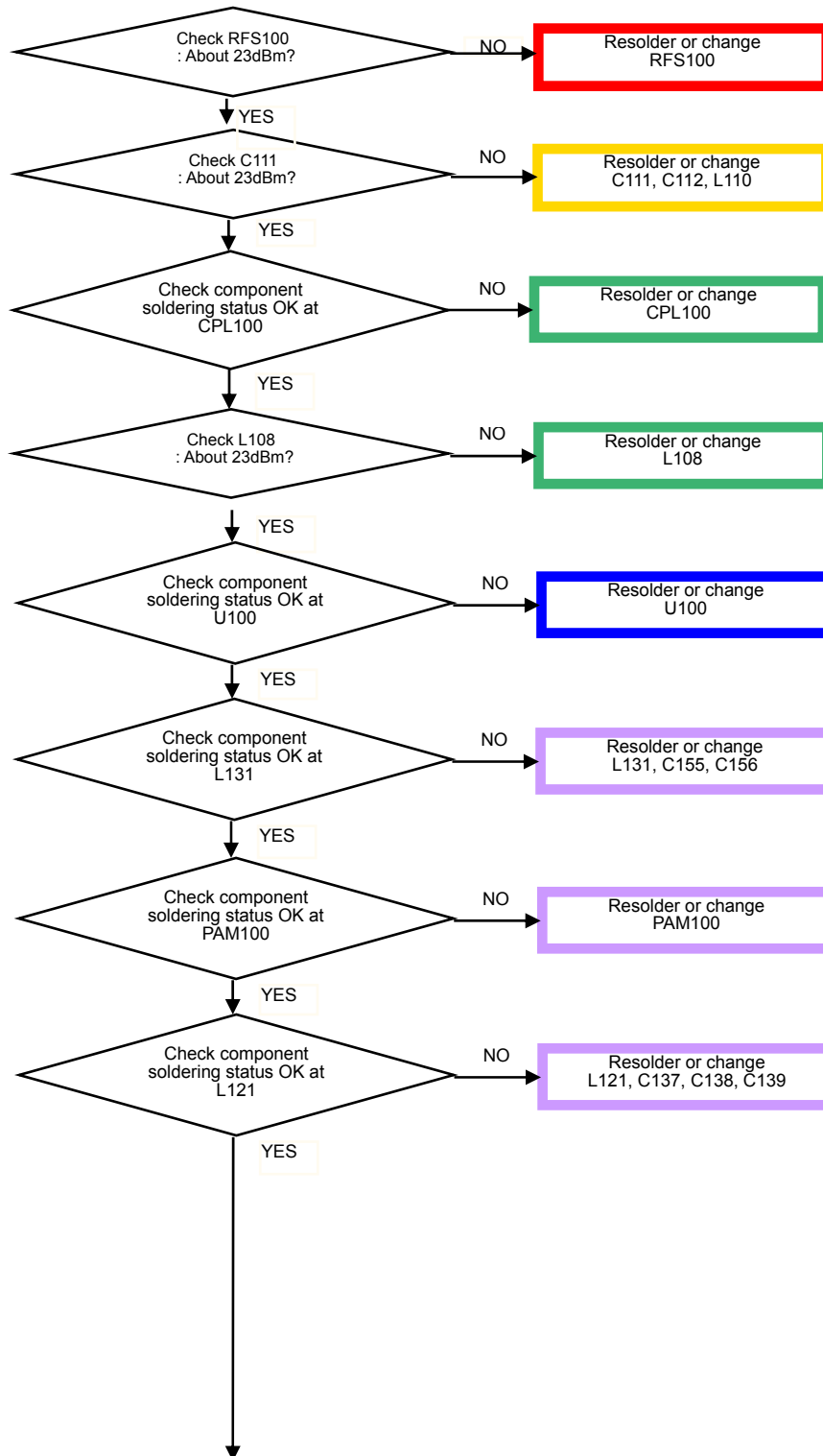


## 8. Level 3 Repair

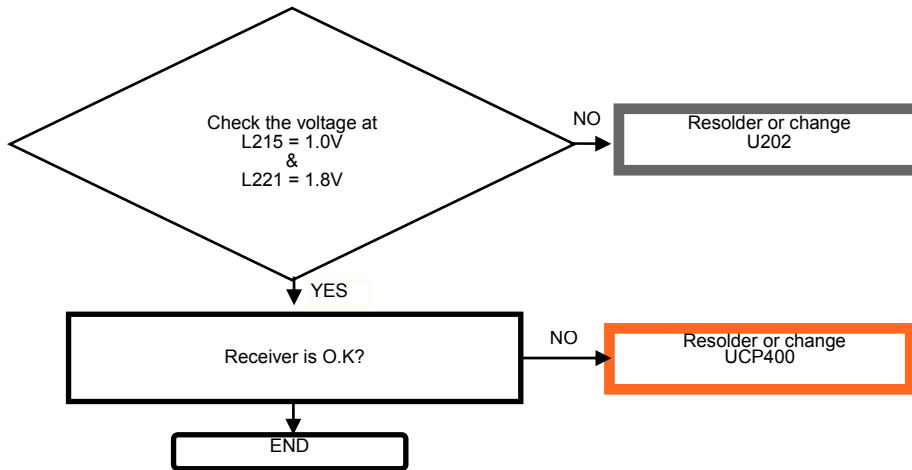


## 8. Level 3 Repair

### 8-4-32. LTE B3 TX

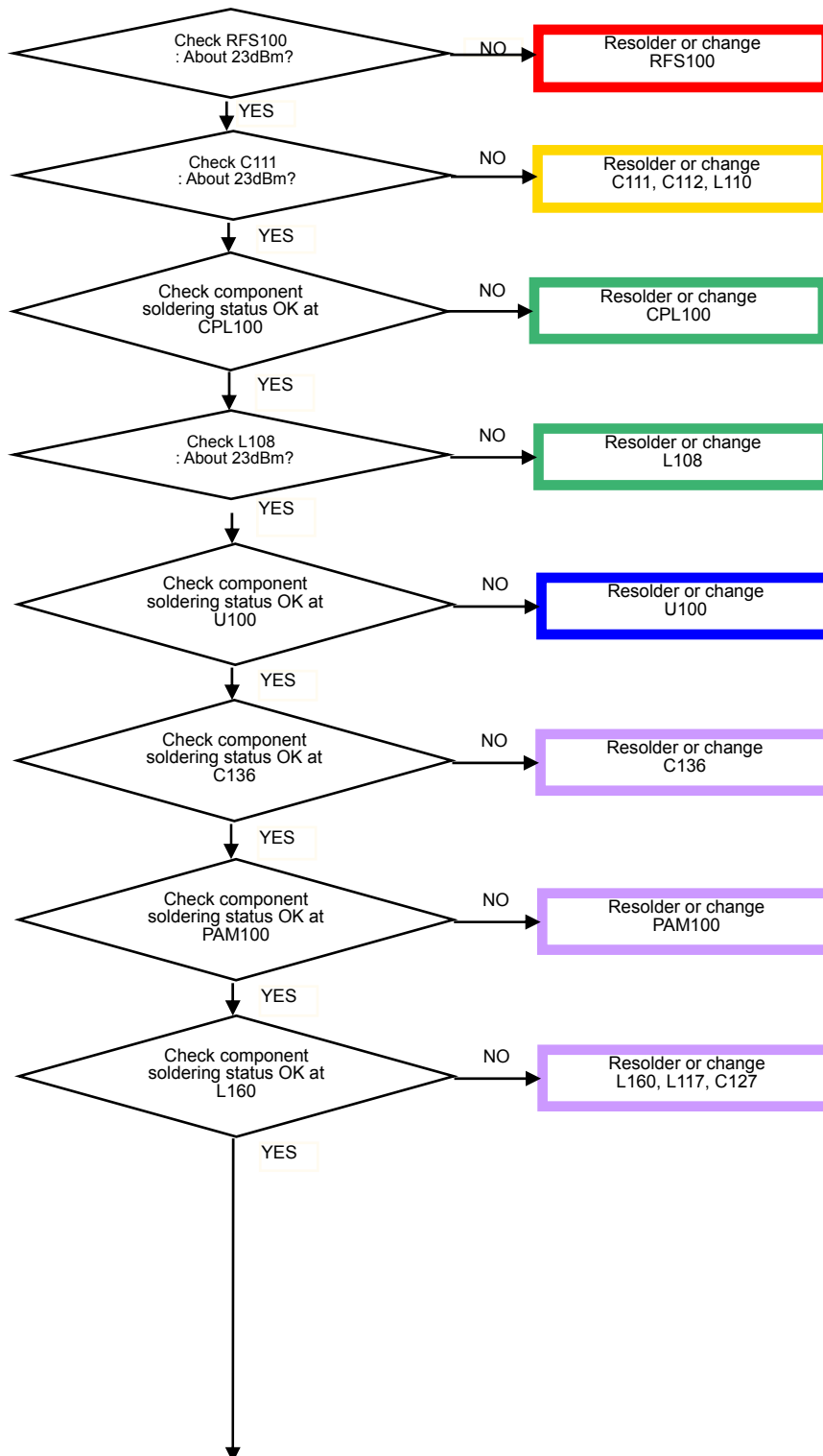


## 8. Level 3 Repair

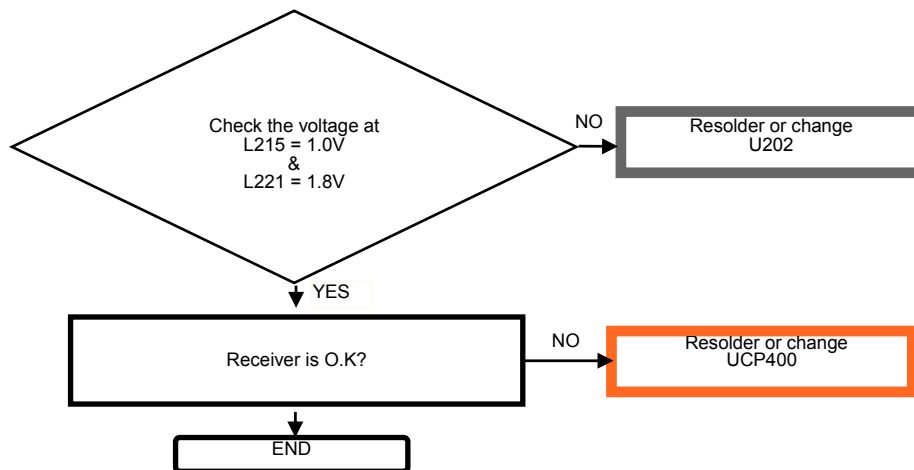


## 8. Level 3 Repair

### 8-4-33. WCDMA B5 / LTE B5 TX

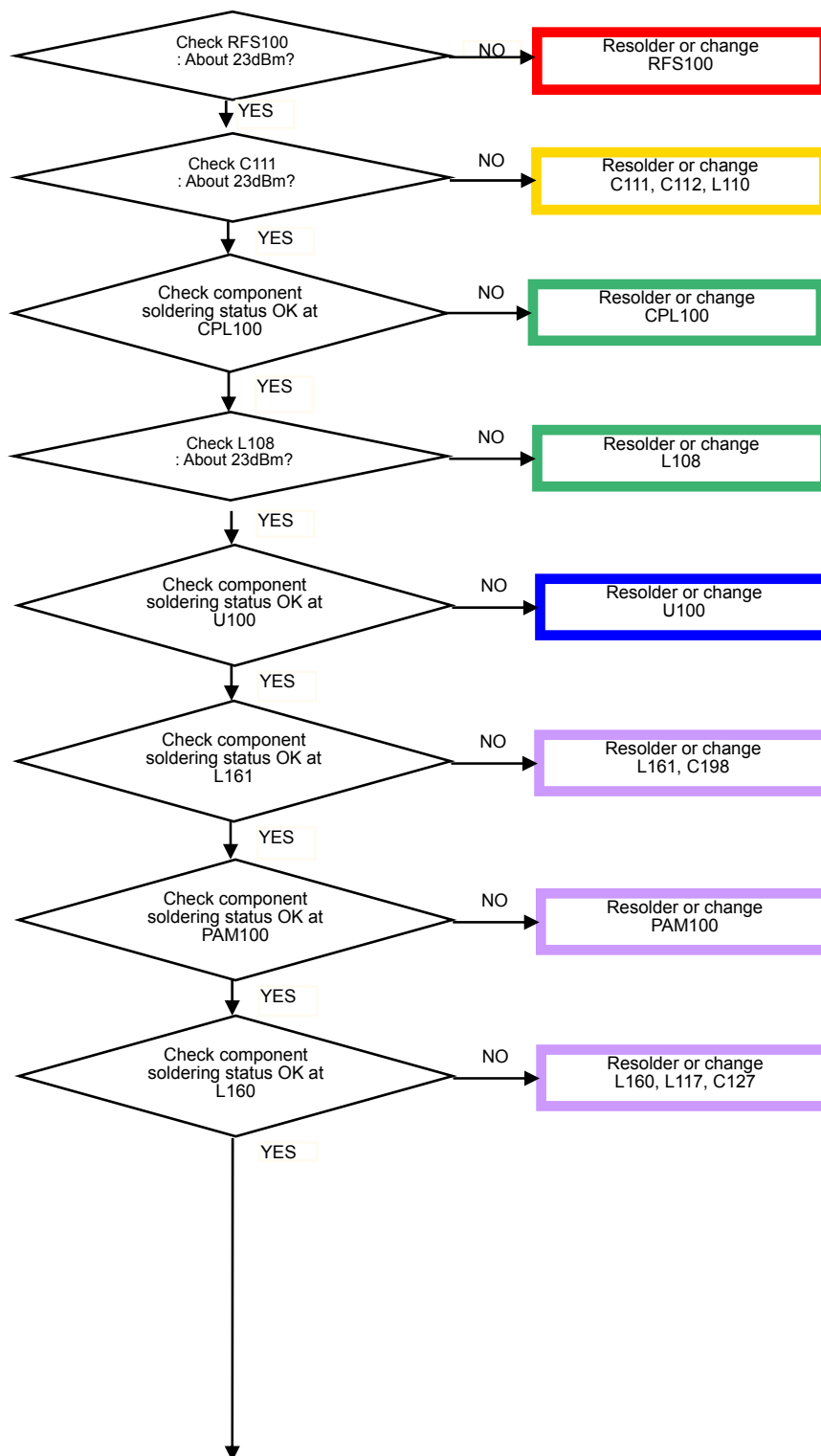


## 8. Level 3 Repair



## 8. Level 3 Repair

8-4-34. WCDMA B8 / LTE B8 TX

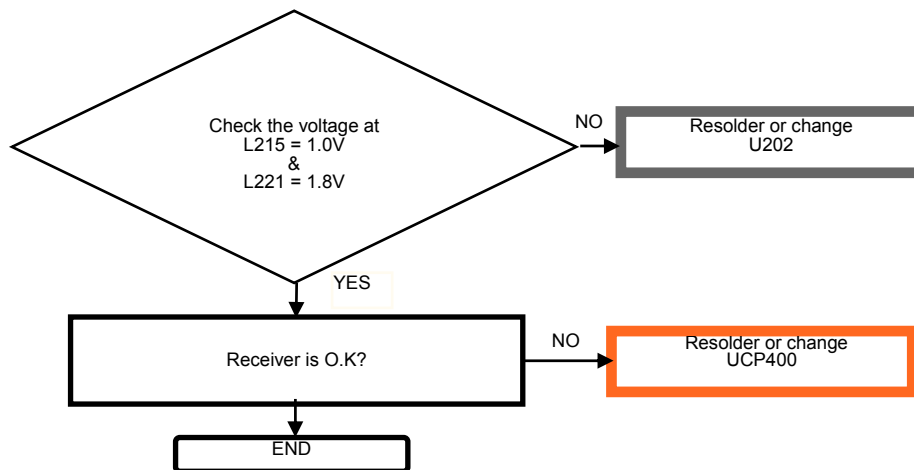


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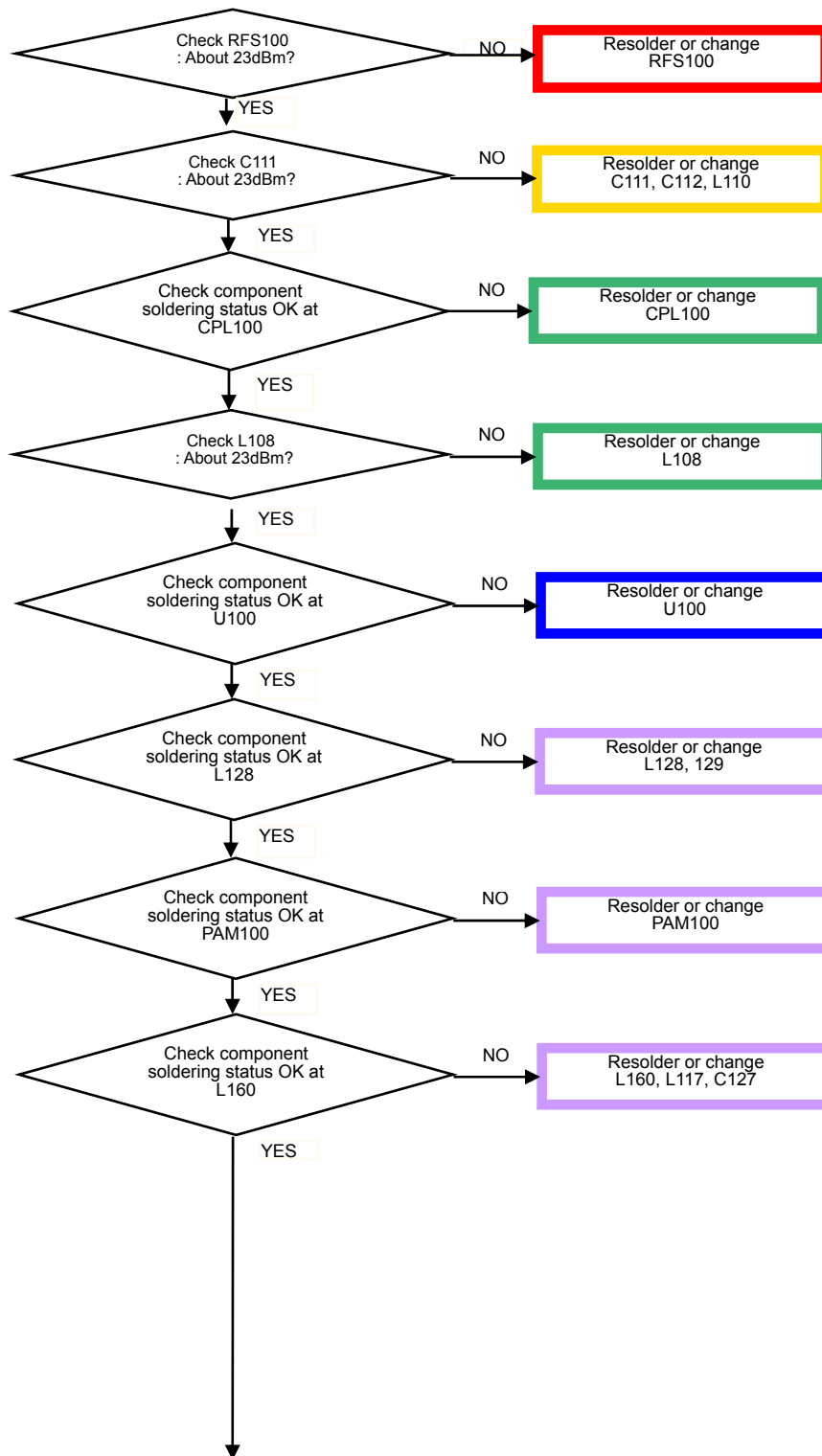


## 8. Level 3 Repair

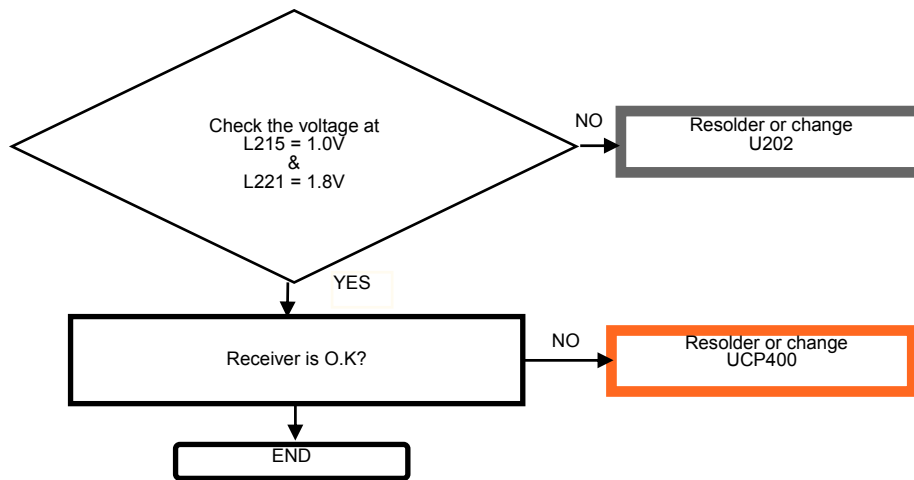


## 8. Level 3 Repair

### 8-4-35. LTE B20 TX

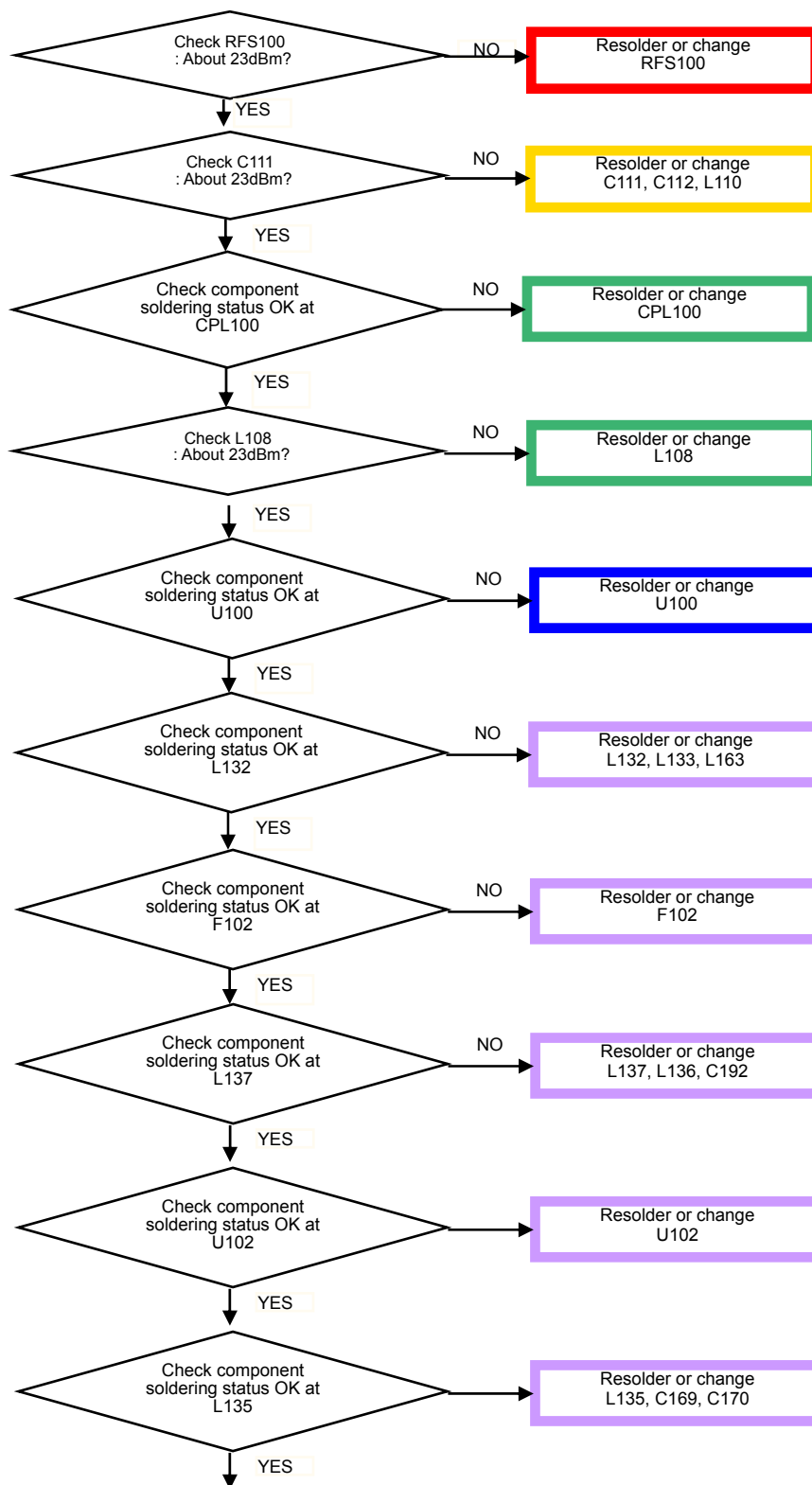


## 8. Level 3 Repair



## 8. Level 3 Repair

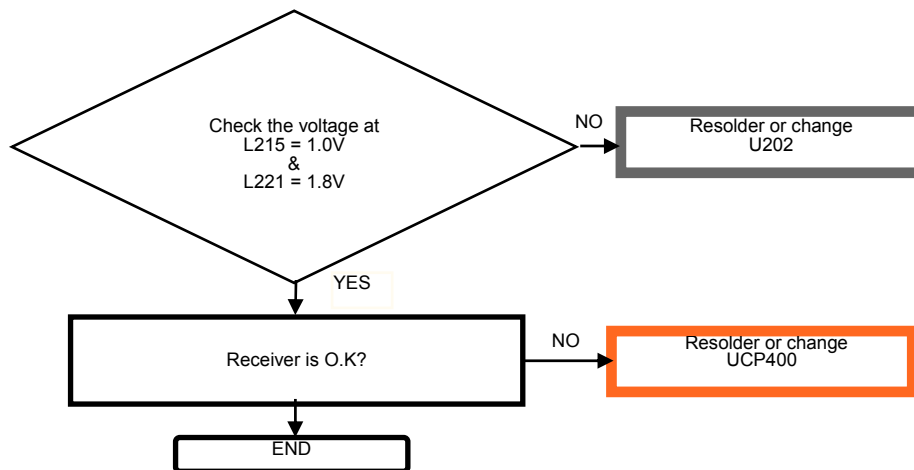
8-4-36. LTE B7 TX



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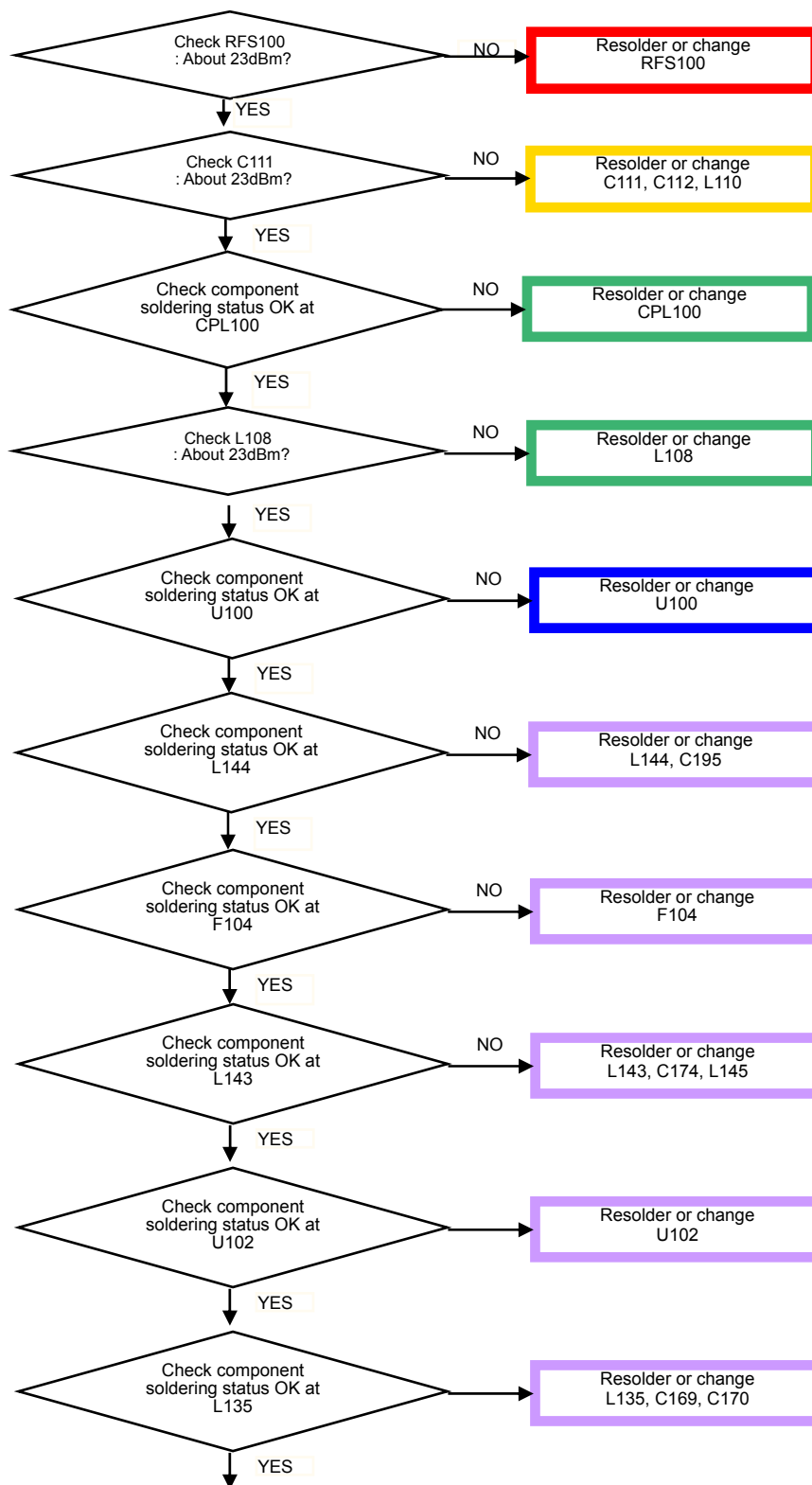
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## 8. Level 3 Repair



## 8. Level 3 Repair

### 8-4-37. LTE B40 TX



## 8. Level 3 Repair

