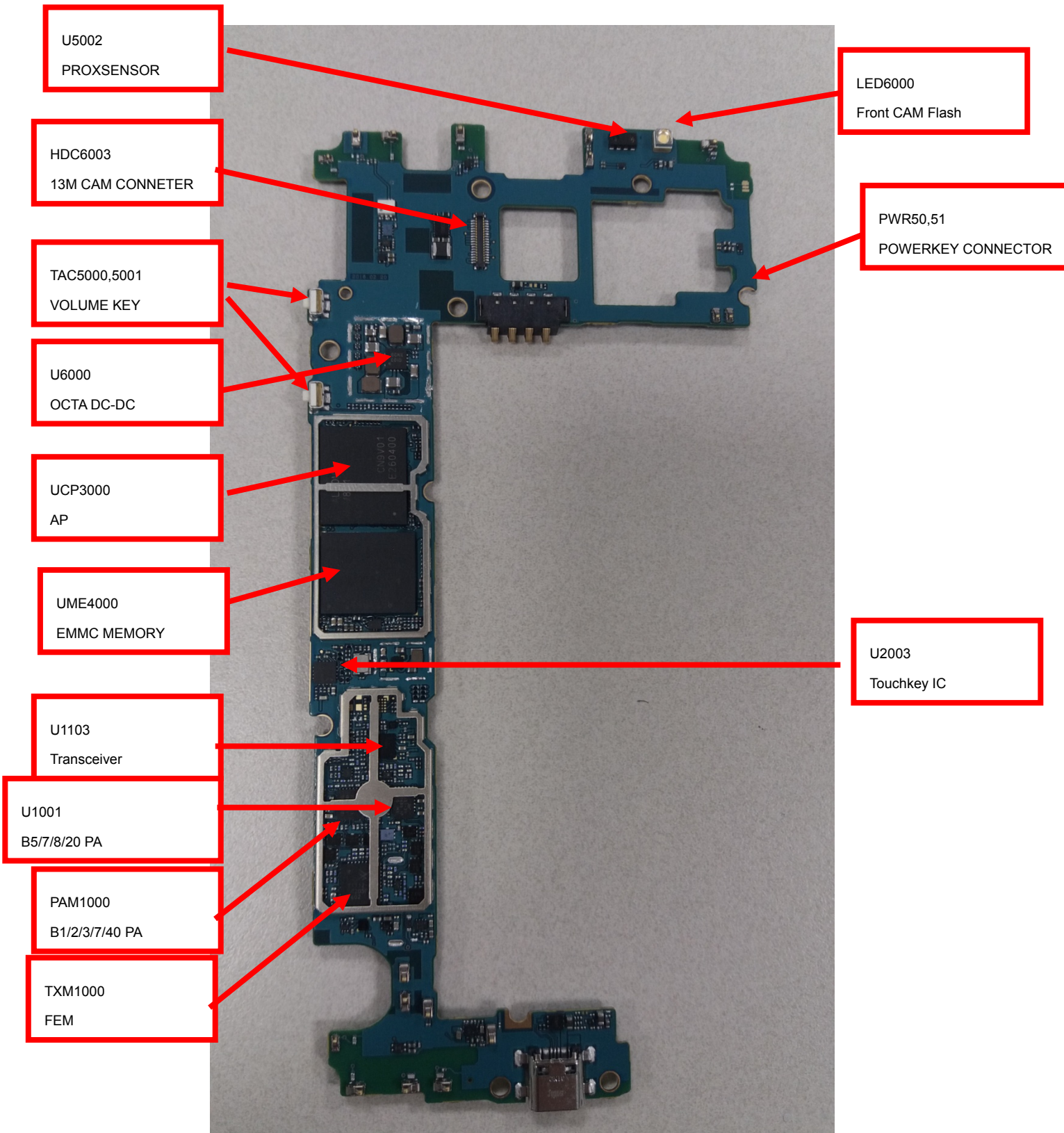
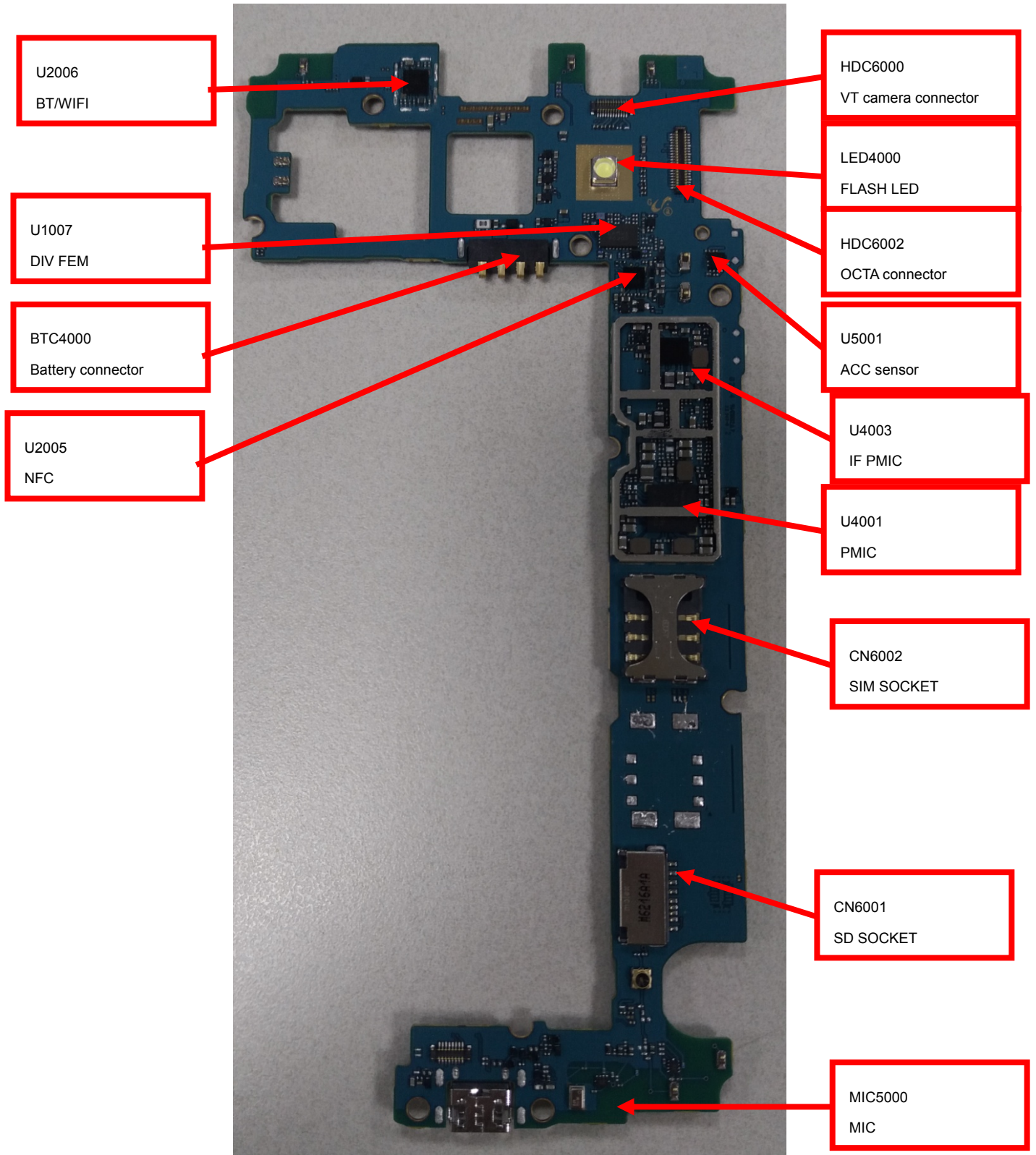


## 8. Level 3 Repair

### 8-1. Components Layout

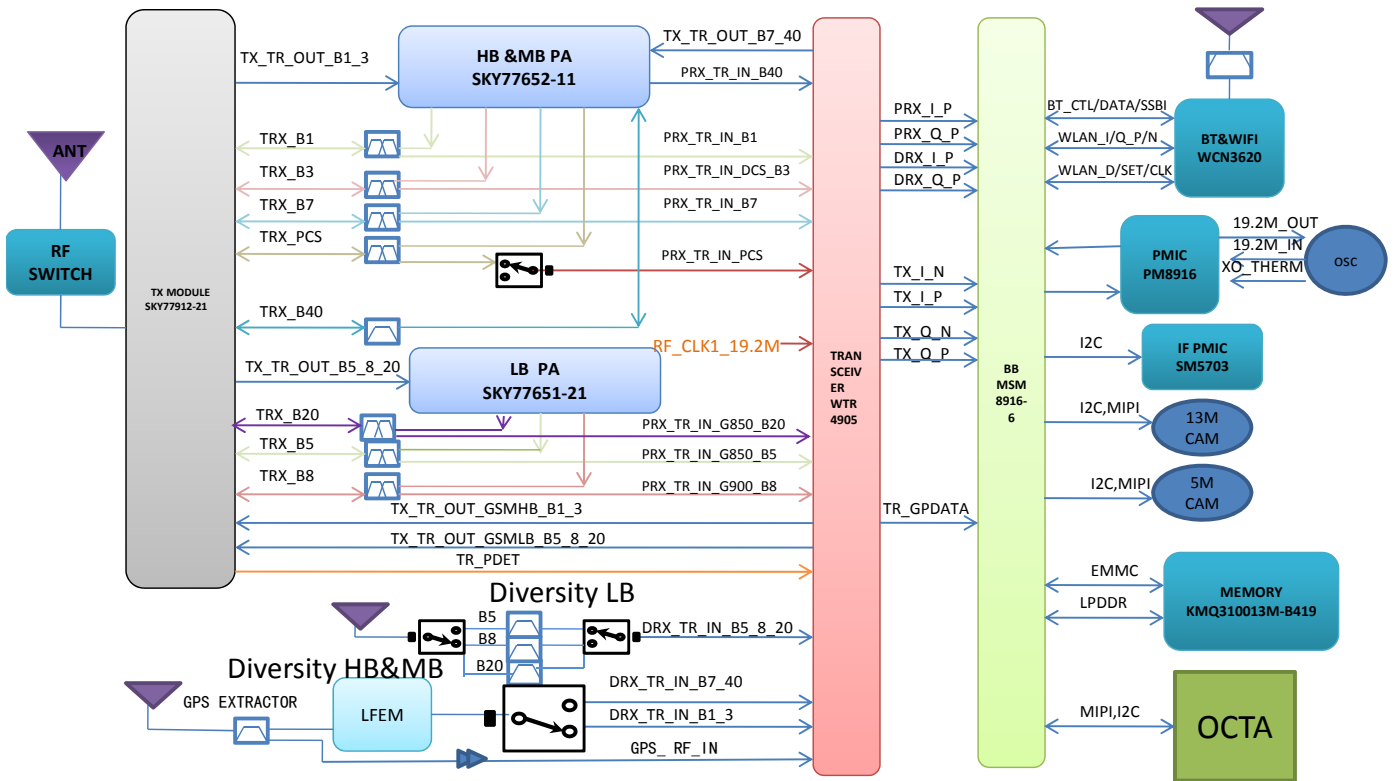


## 8. Level 3 Repair

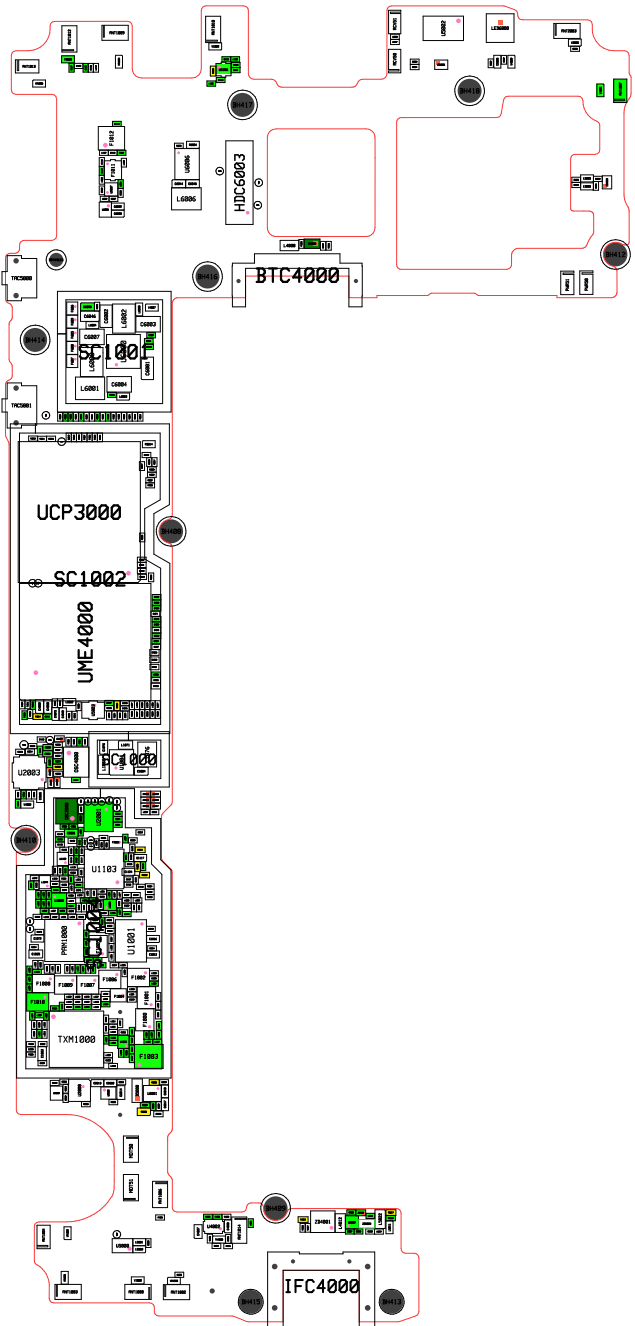


# 8. Level 3 Repair

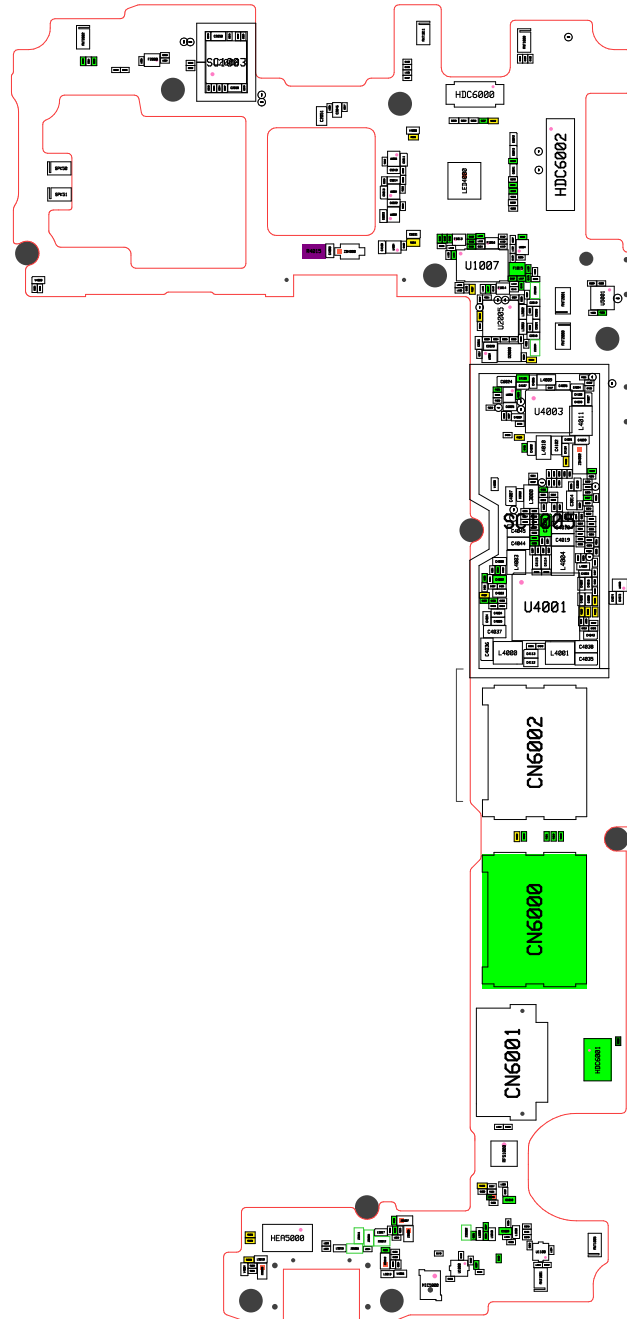
## 8-2. Block Diagram



# 8. Level 3 Repair

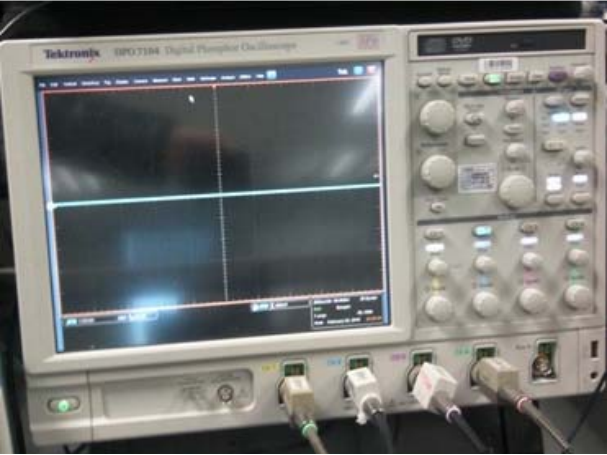



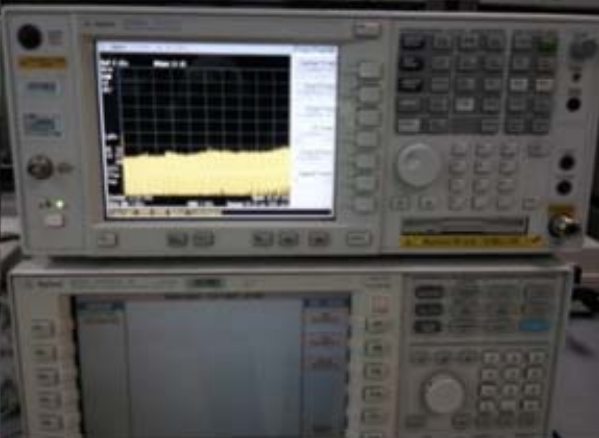



# 8. Level 3 Repair



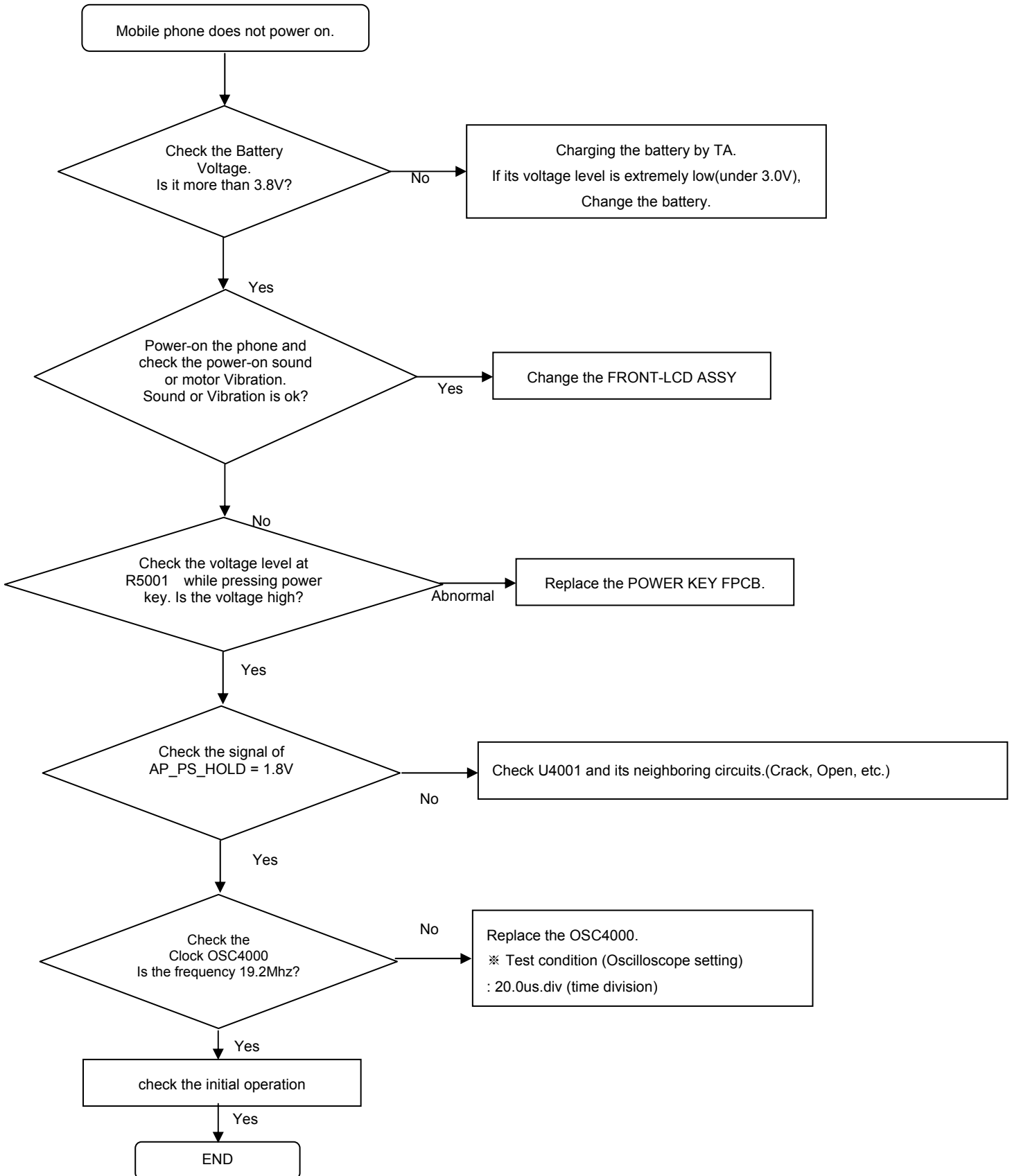
## 8. Level 3 Repair

### 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>

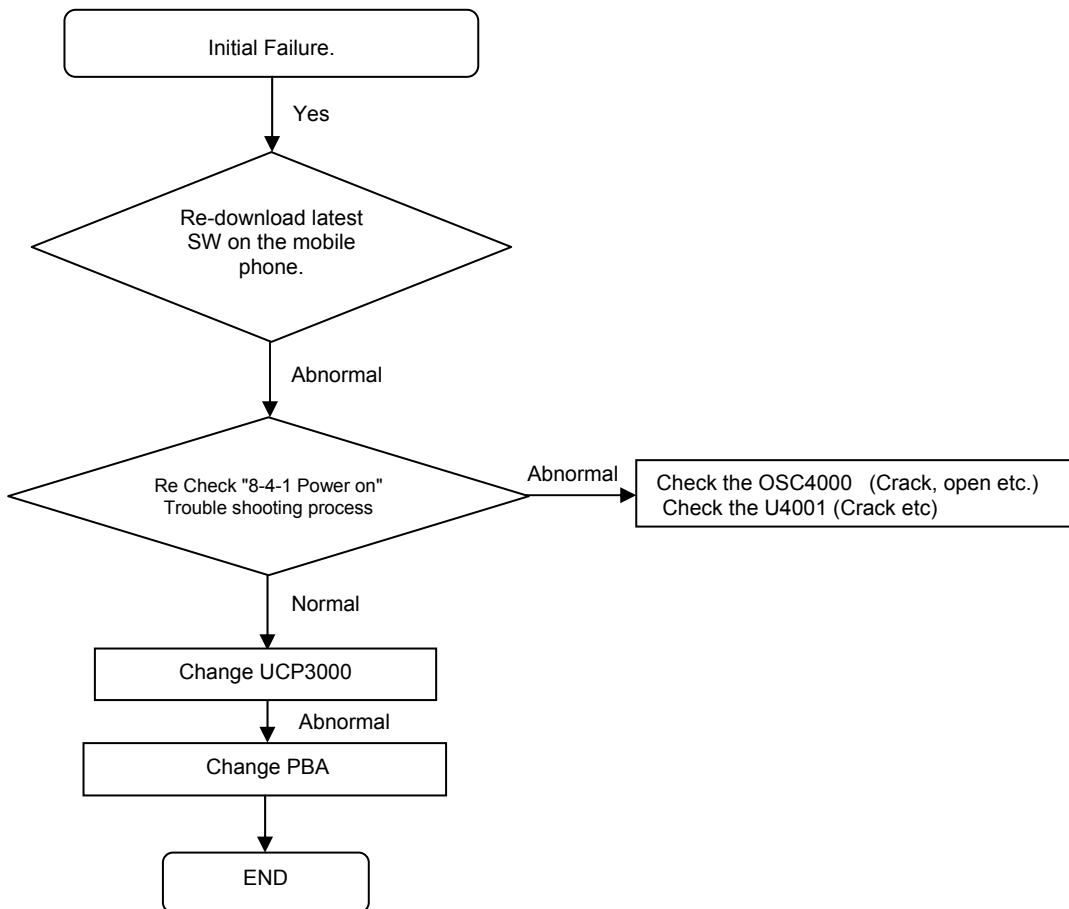
## 8. Level 3 Repair

### 8-4-1. Power On



## 8. Level 3 Repair

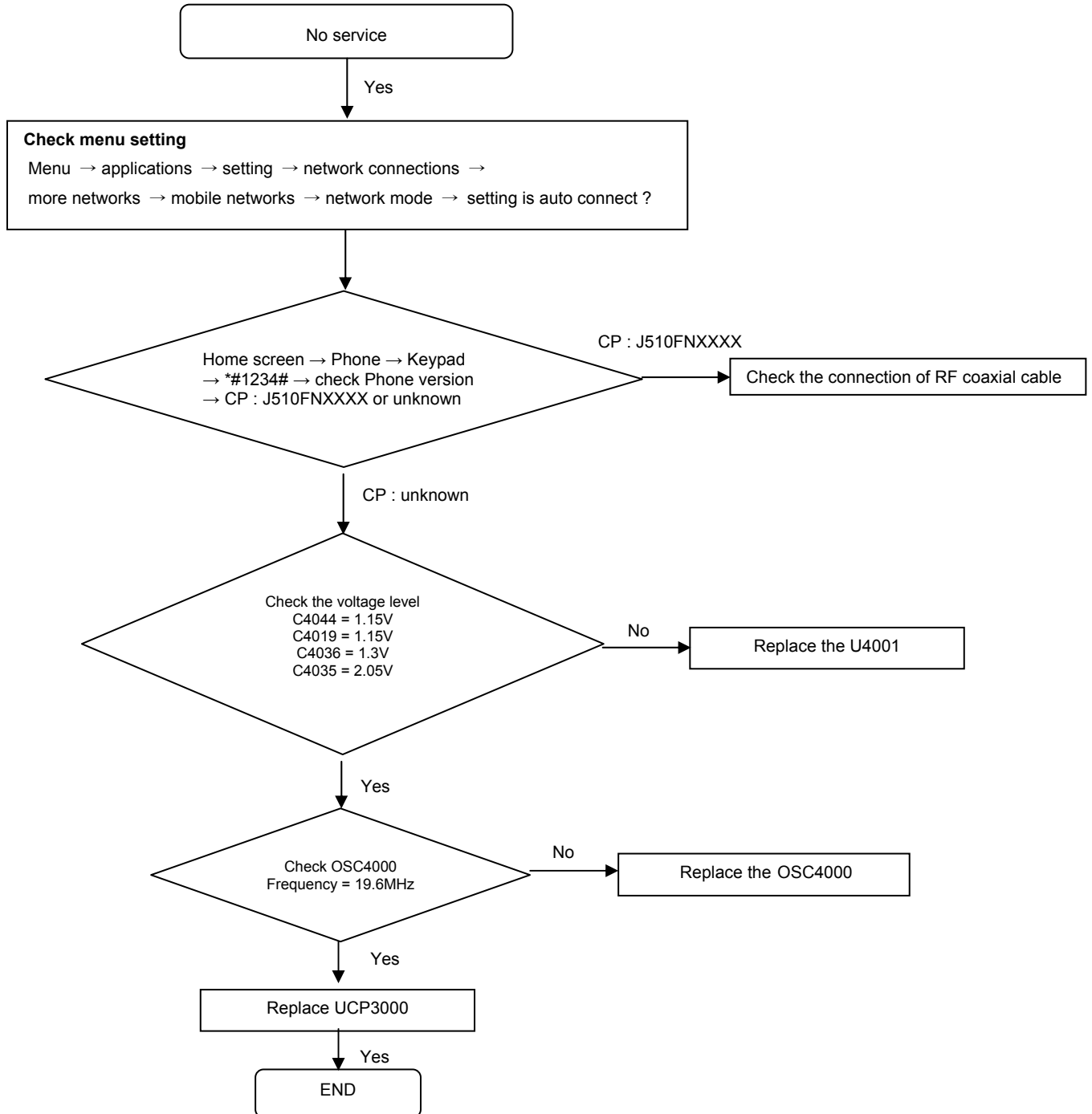
### 8-4-2. Initial





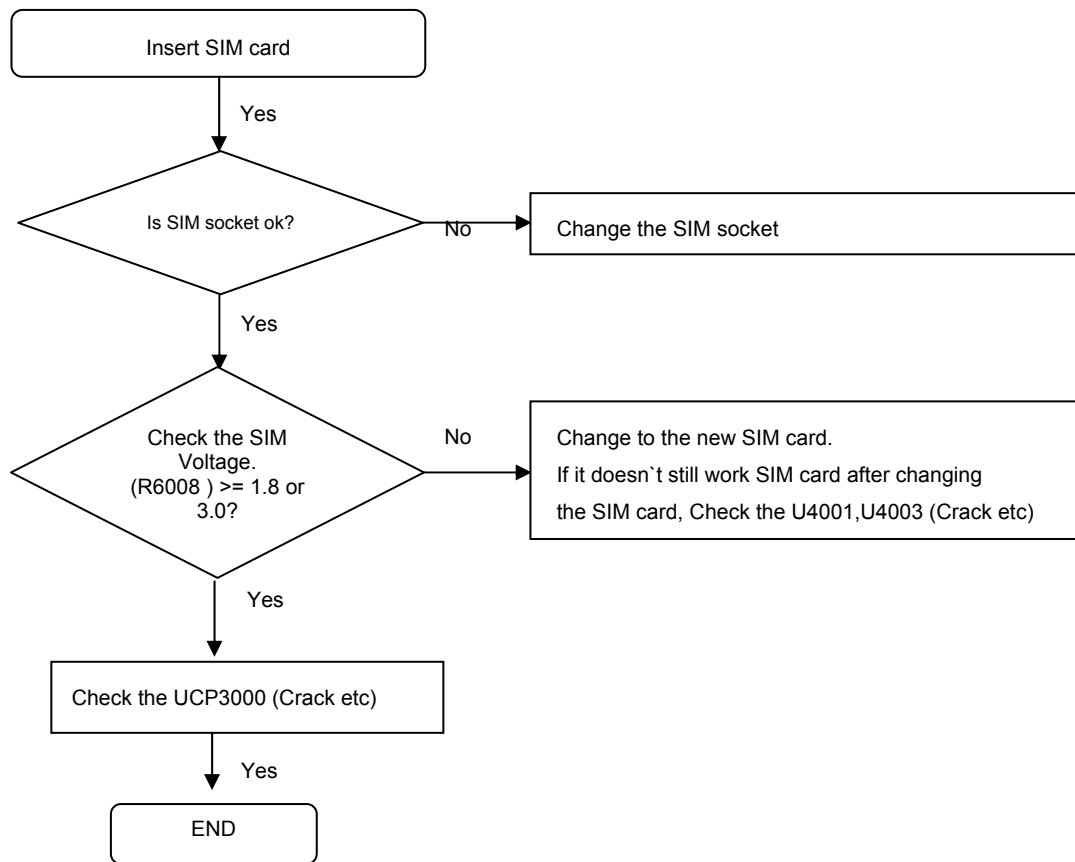
## 8. Level 3 Repair

### 8-4-3. No Service



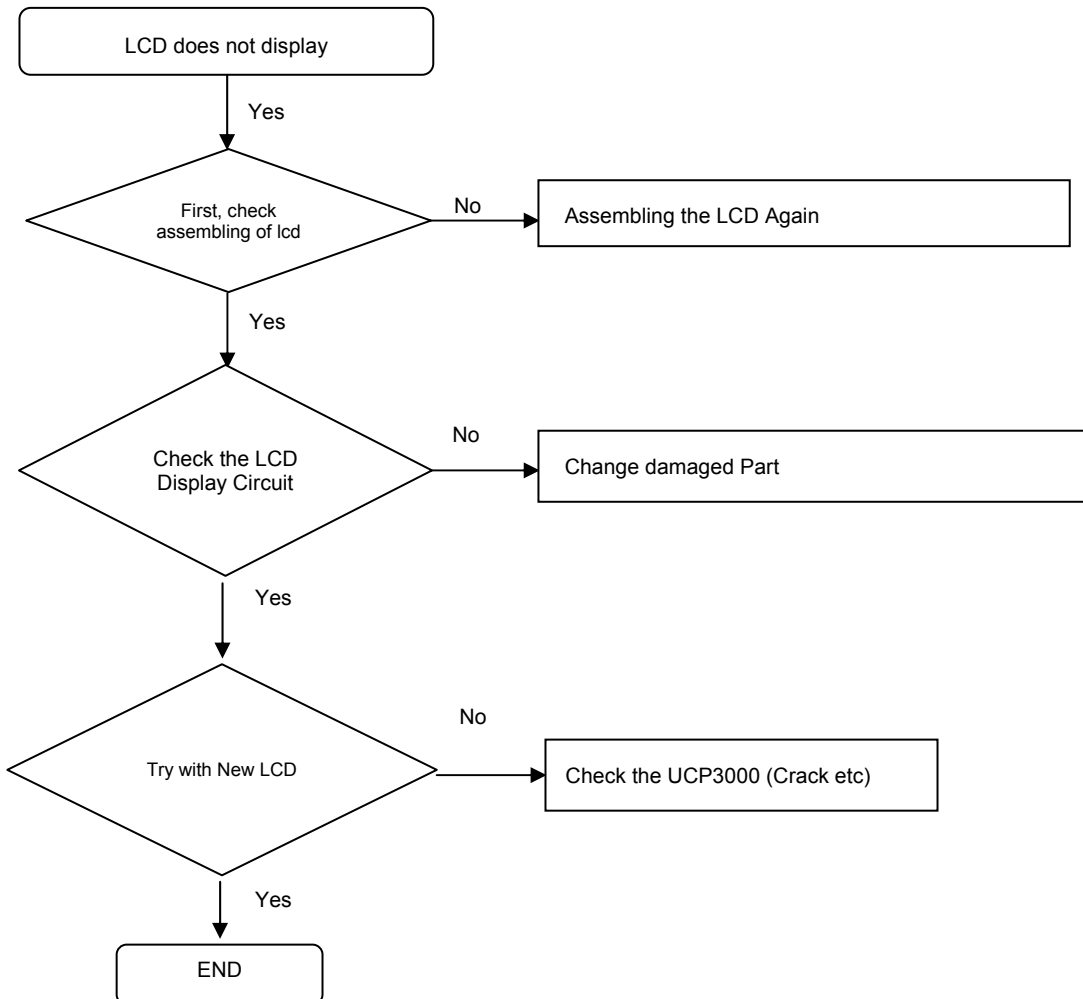
## 8. Level 3 Repair

### 8-4-4. SIM Part



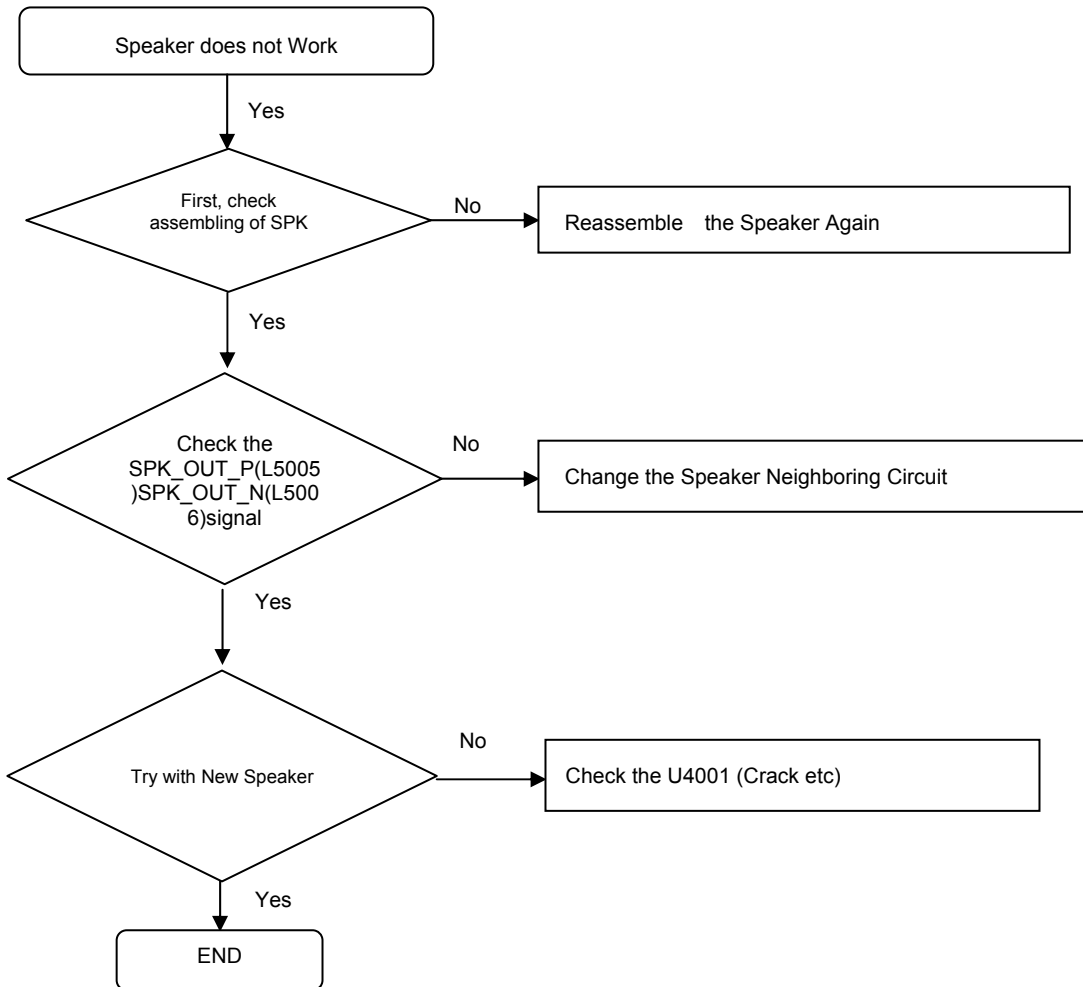
## 8. Level 3 Repair

### 8-4-5. LCD Part



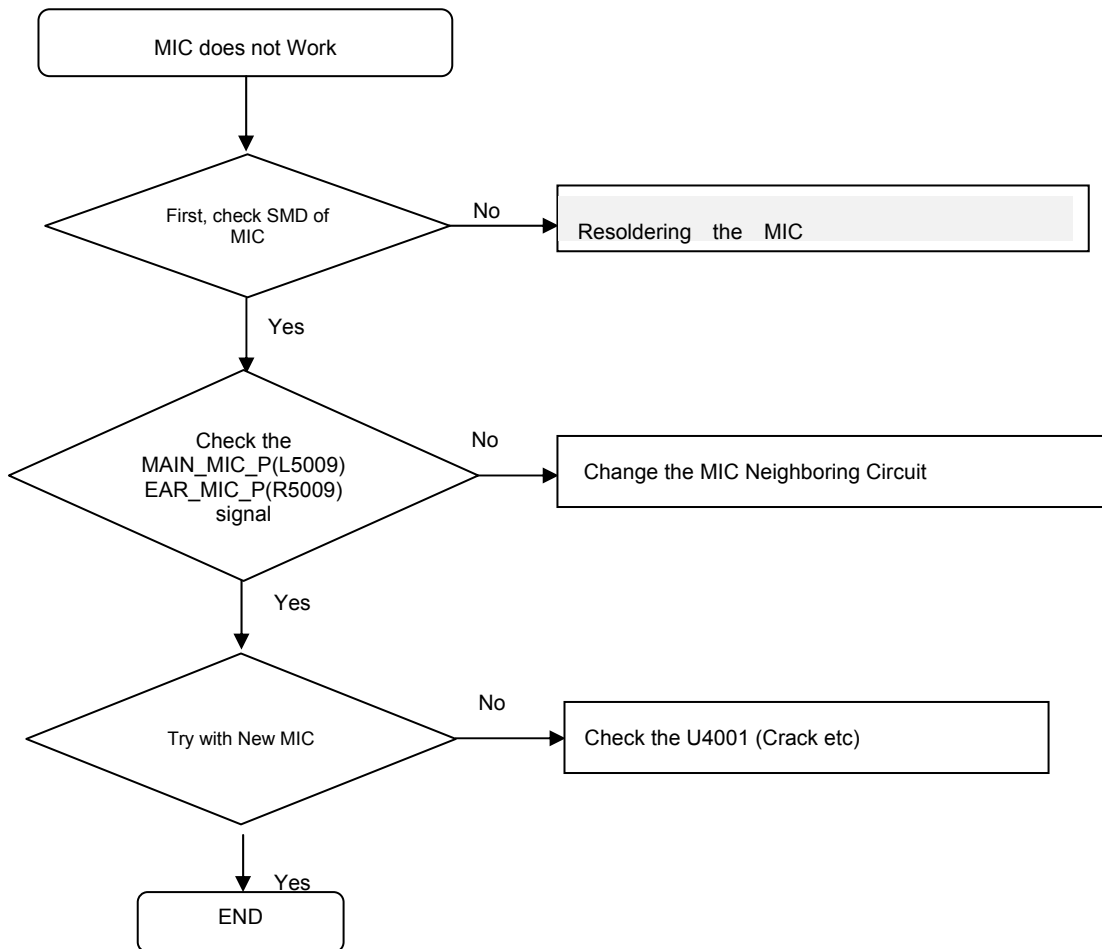
## 8. Level 3 Repair

### 8-4-6. SPK Part



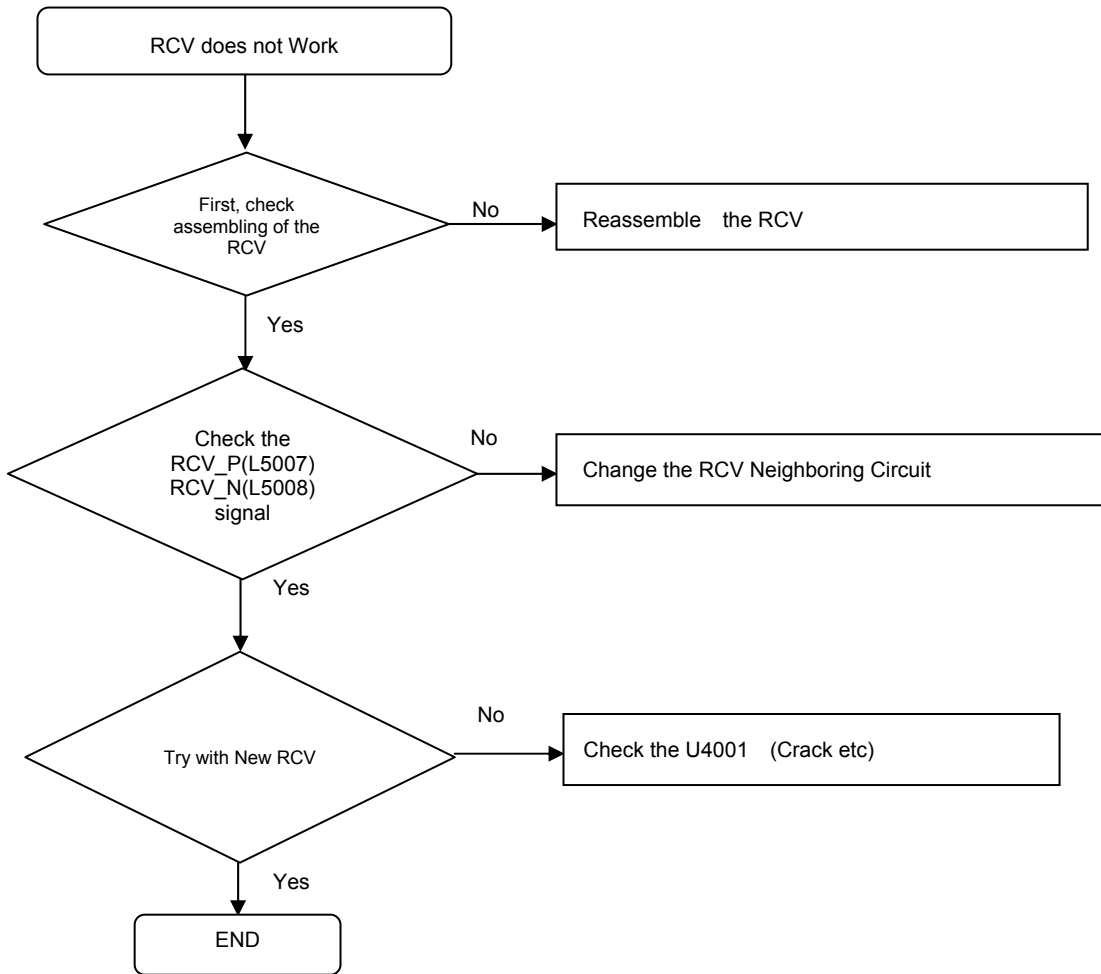
## 8. Level 3 Repair

### 8-4-7 MIC



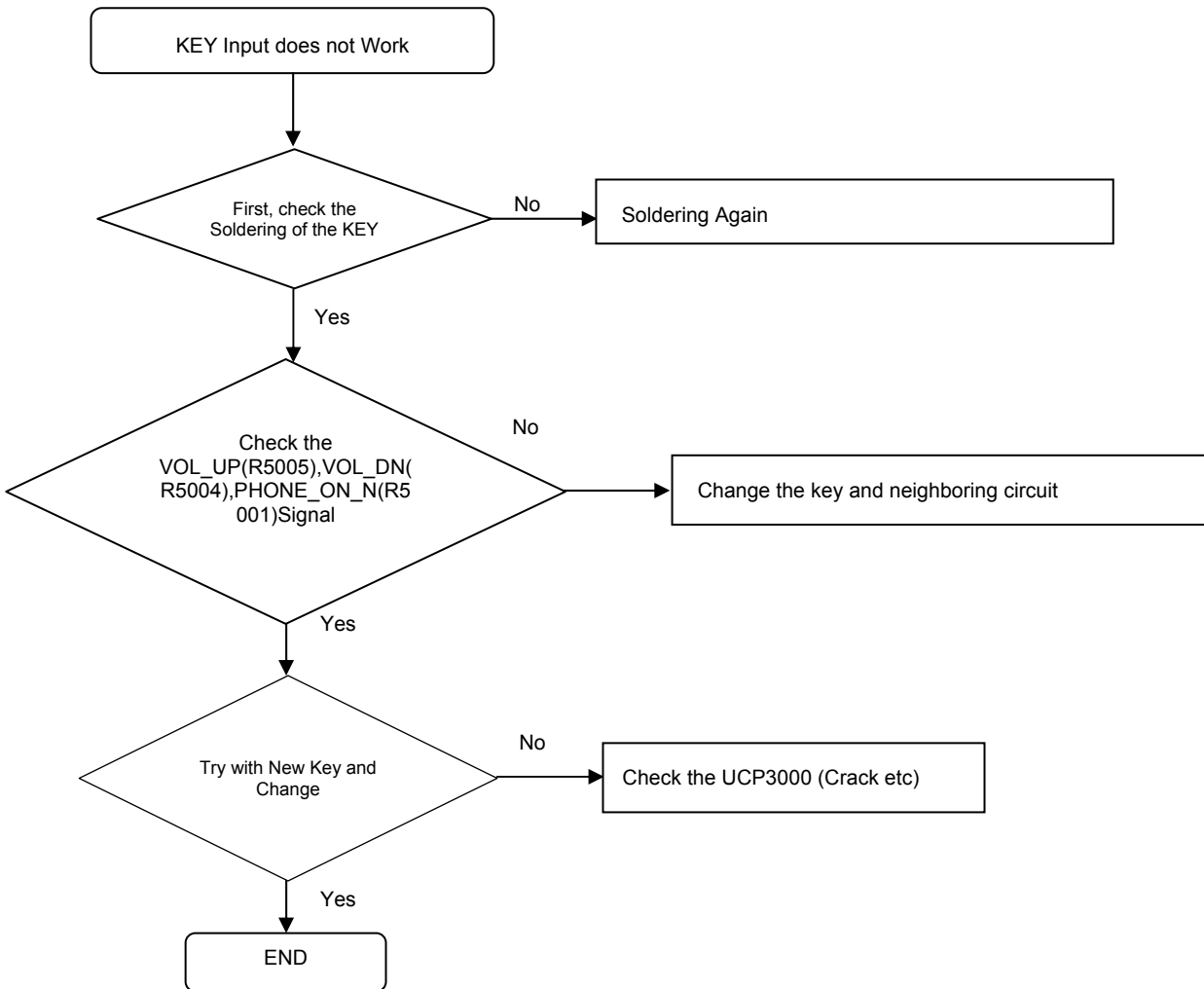
## 8. Level 3 Repair

### 8-4-8. RCV



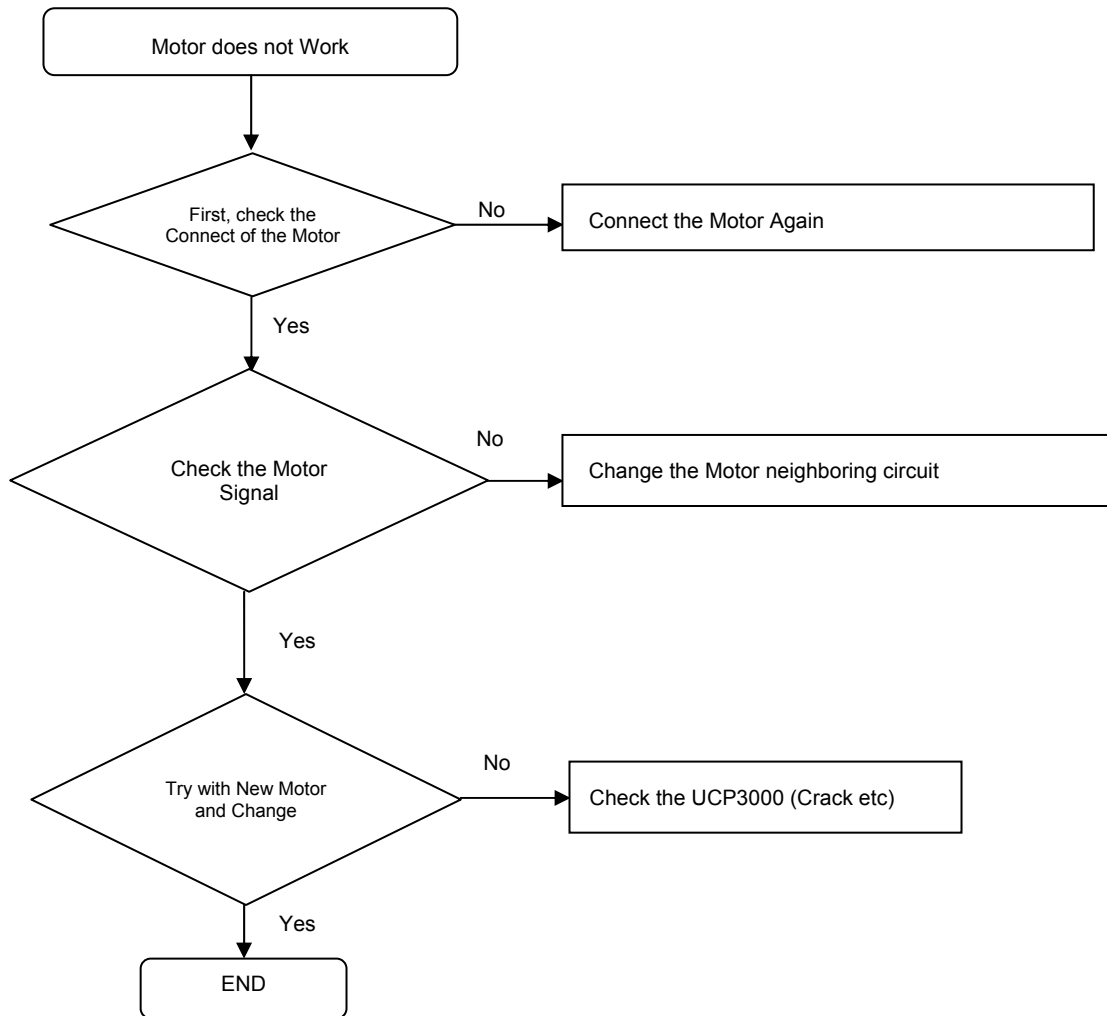
## 8. Level 3 Repair

### 8-4-9. Key Input



## 8. Level 3 Repair

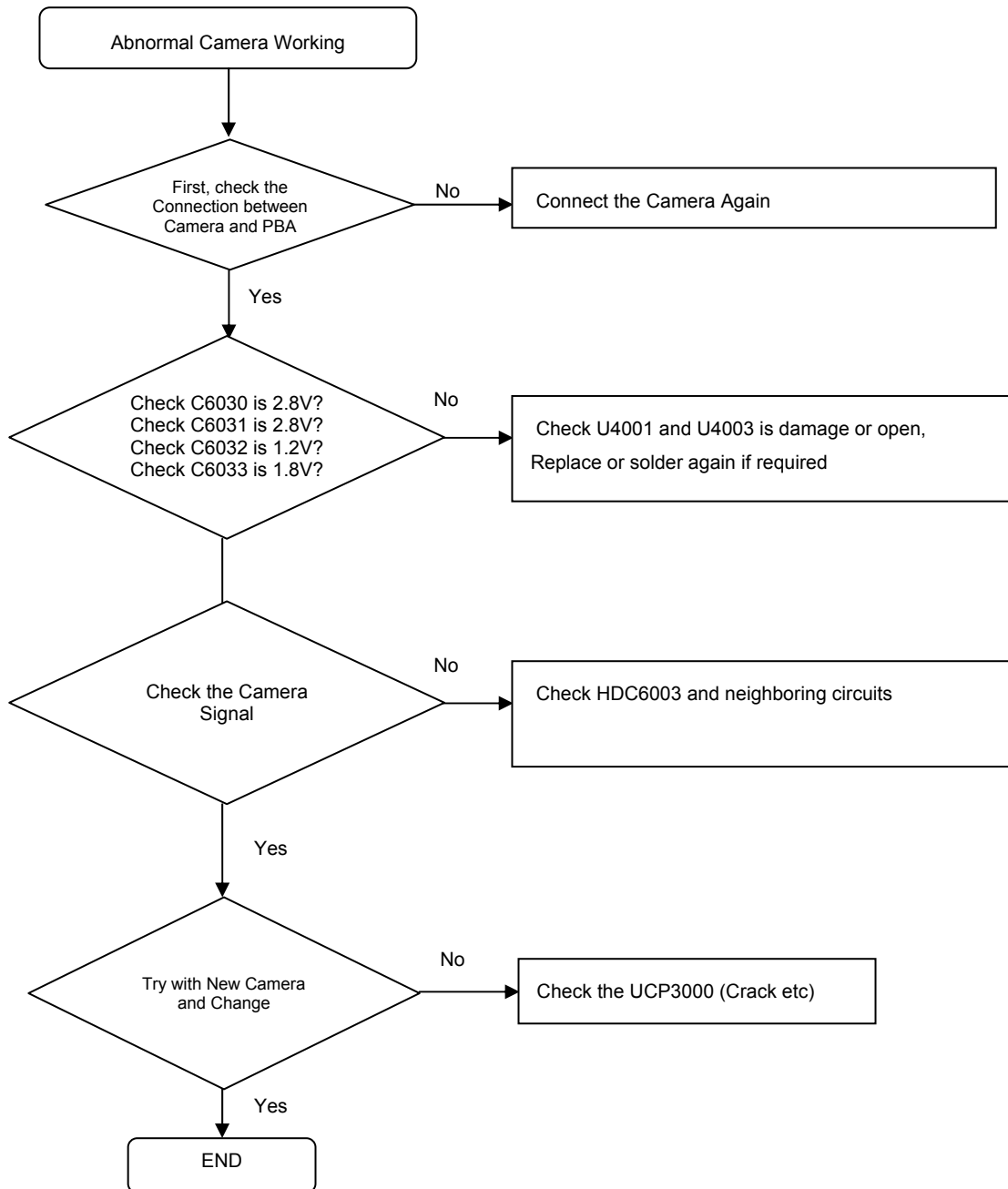
### 8-4-10. Vibration Motor





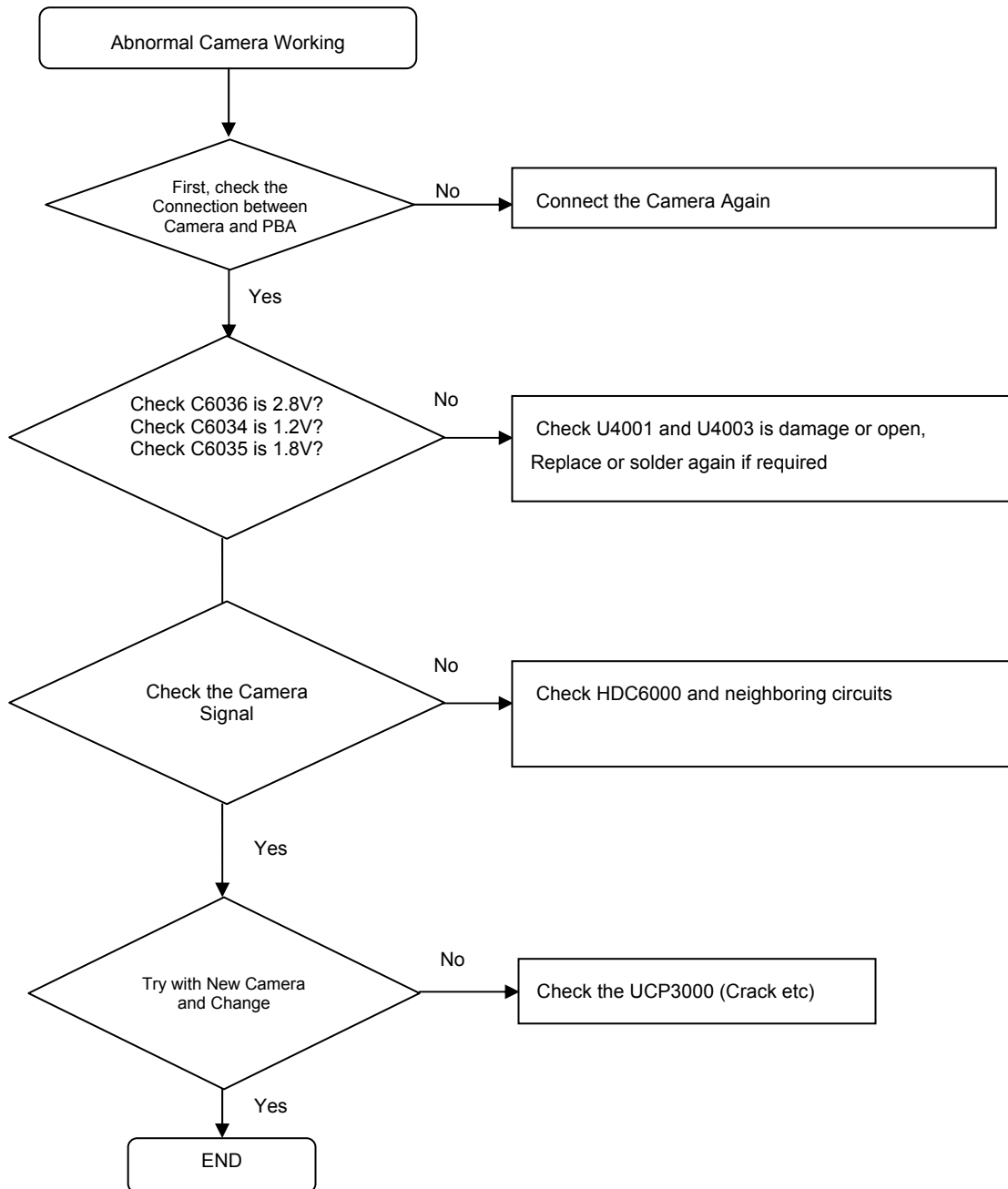
## 8. Level 3 Repair

### 8-4-11.Main CAMERA



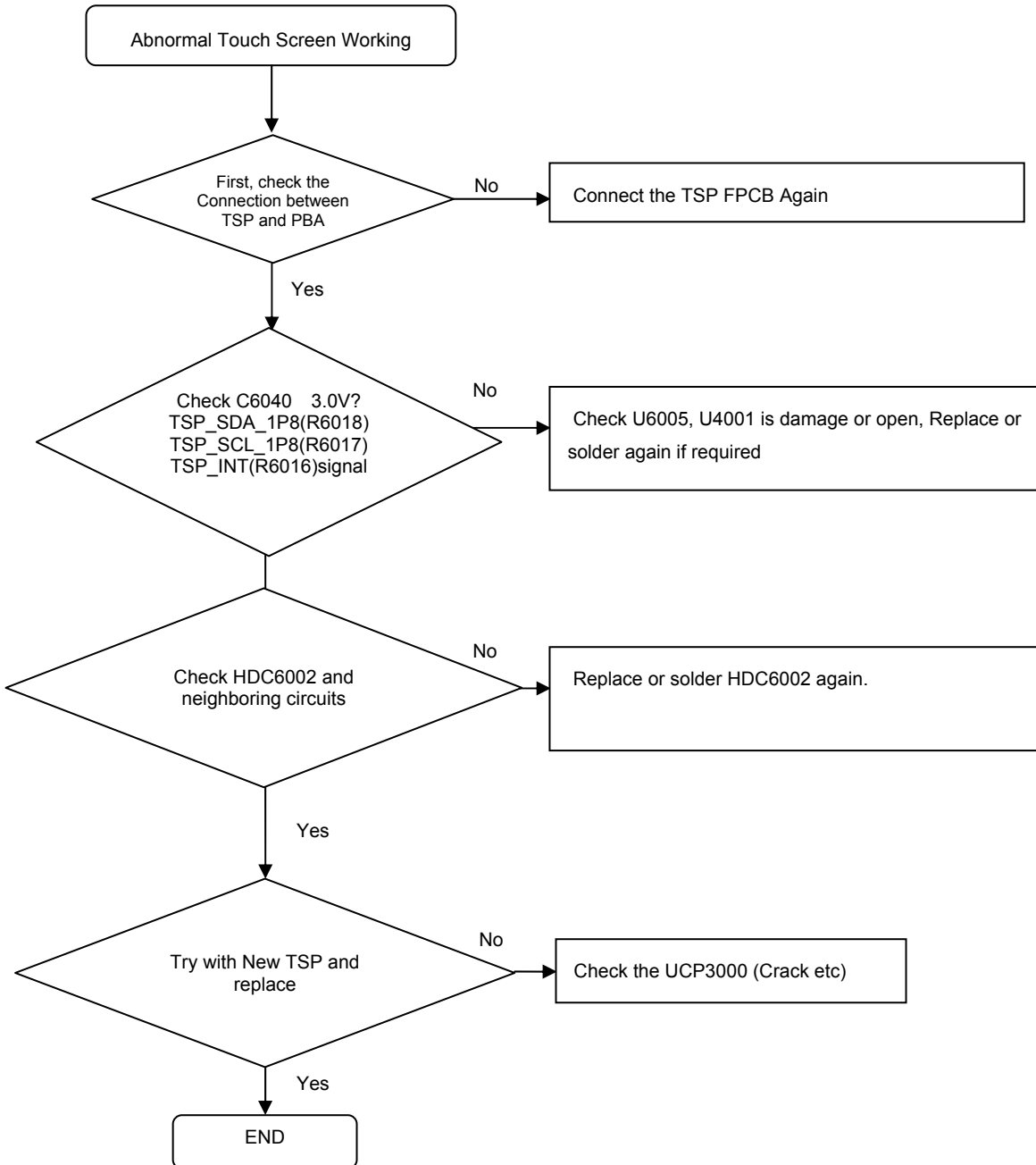
## 8. Level 3 Repair

### 8-4-12.SUB CAMERA



## 8. Level 3 Repair

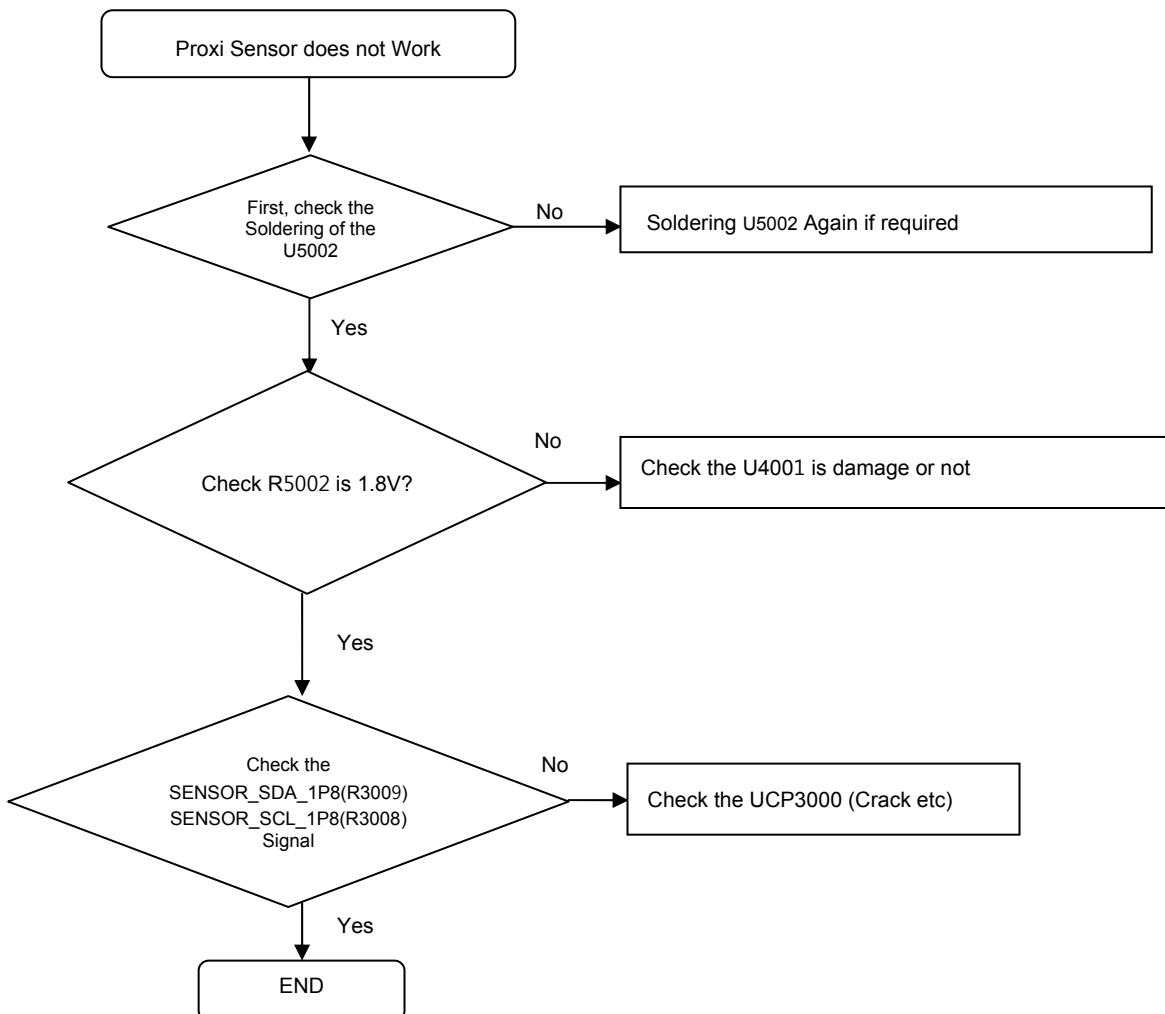
### 8-4-13. Touch Screen



## 8. Level 3 Repair

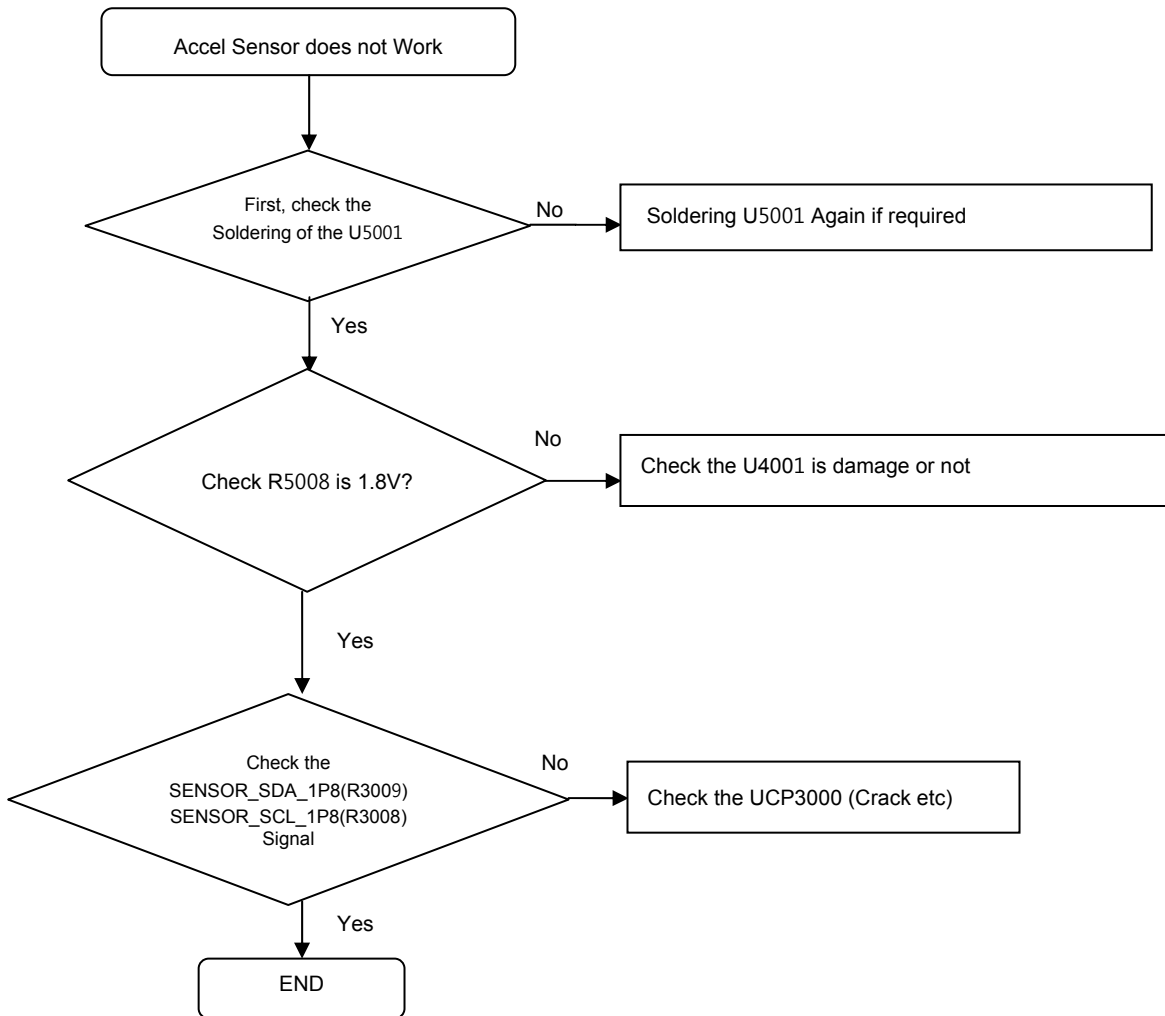
### 8-4-14. Sensor

#### 8-4-14-1. Proxi Sensor



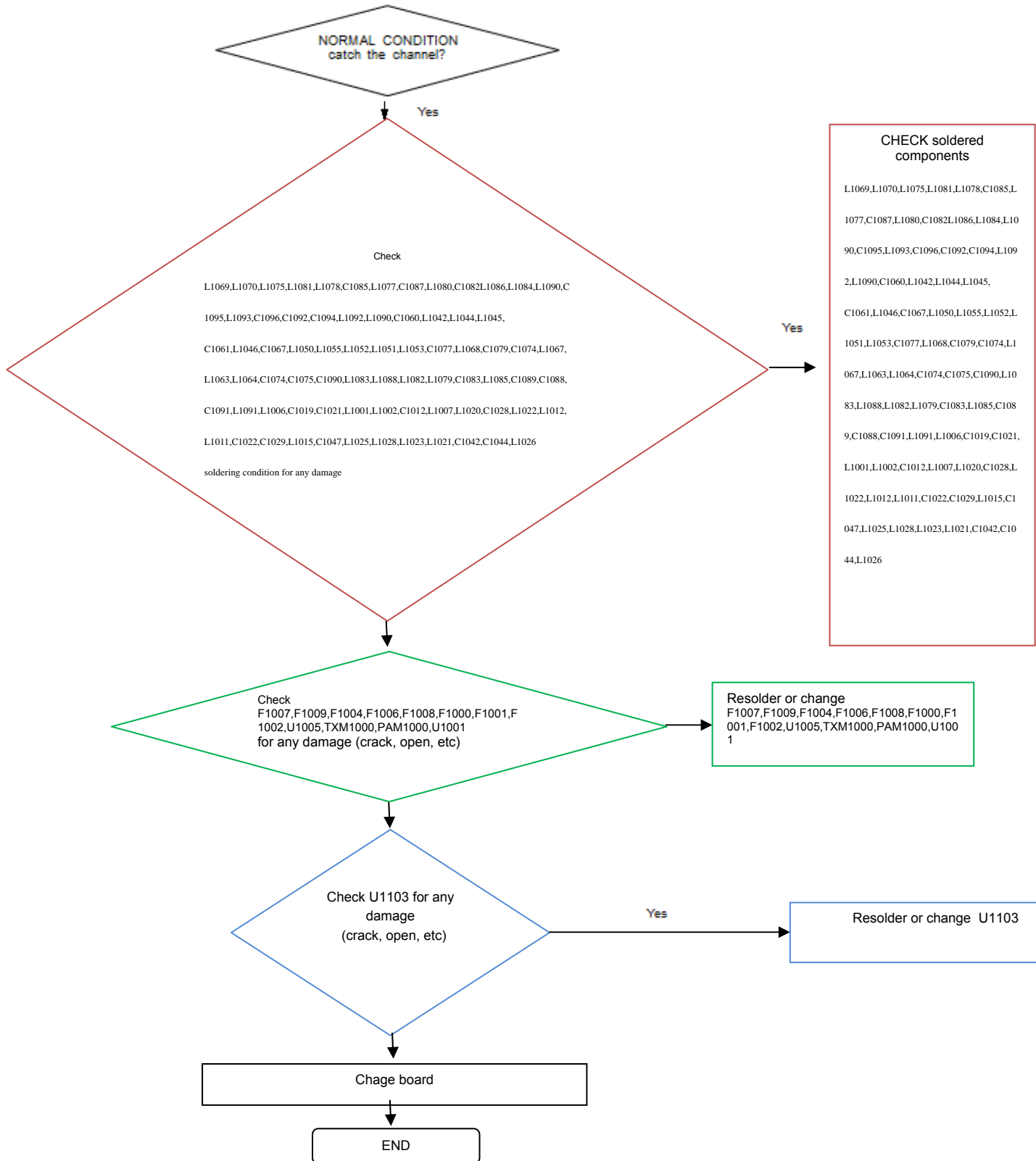
## 8. Level 3 Repair

### 8-4-14-2. Accel Sensor



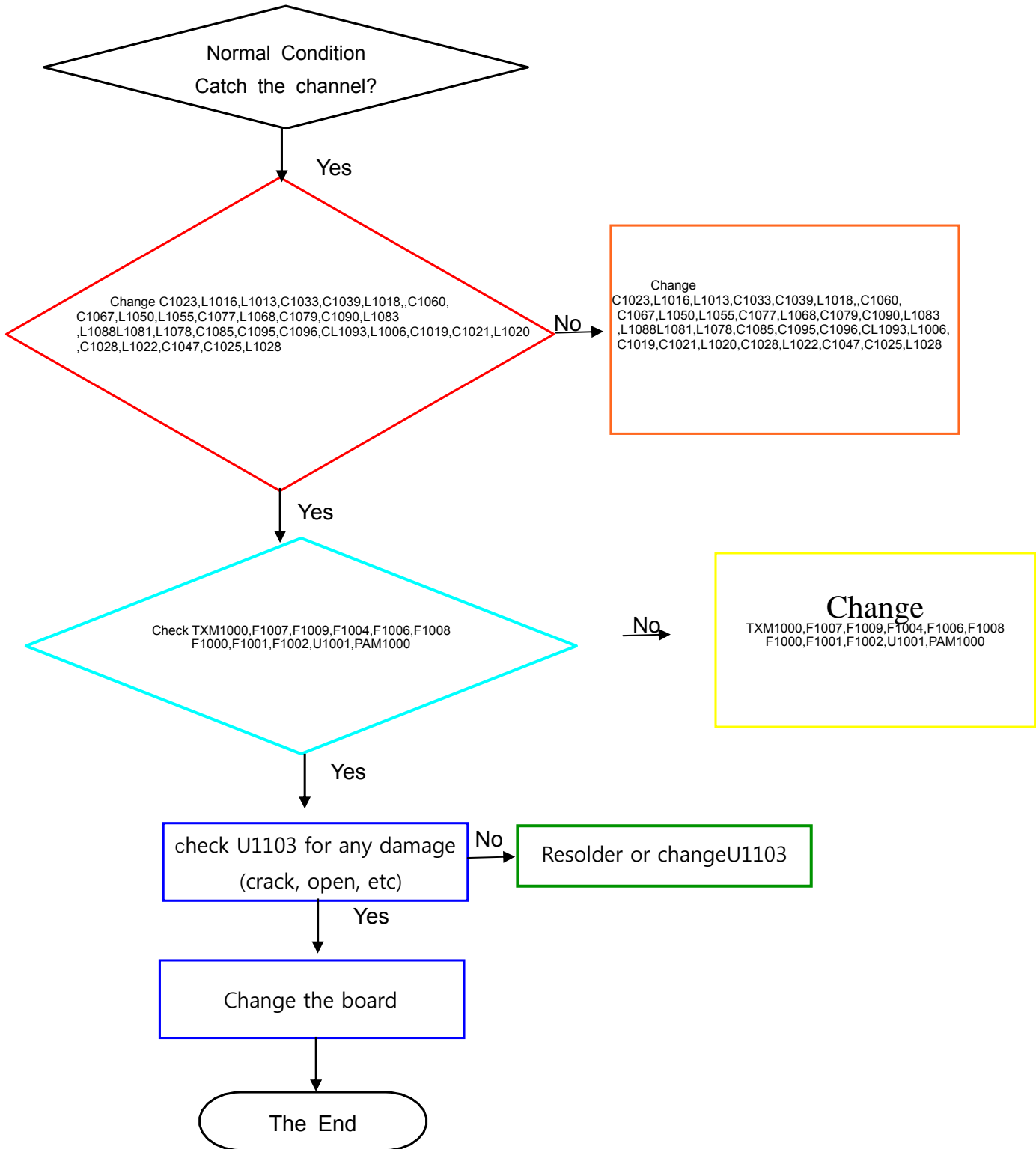
# 8. Level 3 Repair

8-4-15. GSM 850,900,1800,1900 WCDMA 1,2,5,8 / LTE FDD BAND 1,3,5,7,8,20 / LTE TDD BAND 40 RX



## 8. Level 3 Repair

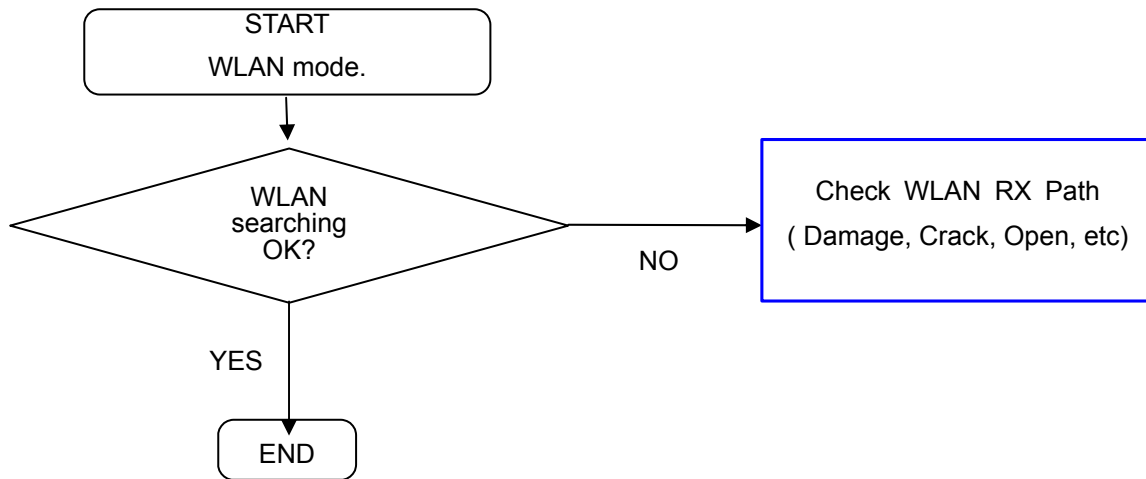
8-4-16. GSM 850,900,1800,1900 WCDMA 1,2,5,8 / LTE FDD BAND 1,3,5,7,8,20 / LTE TDD BAND 40 TX



## 8. Level 3 Repair

### 8-4-17. RF Section(WLAN / BT/FM)

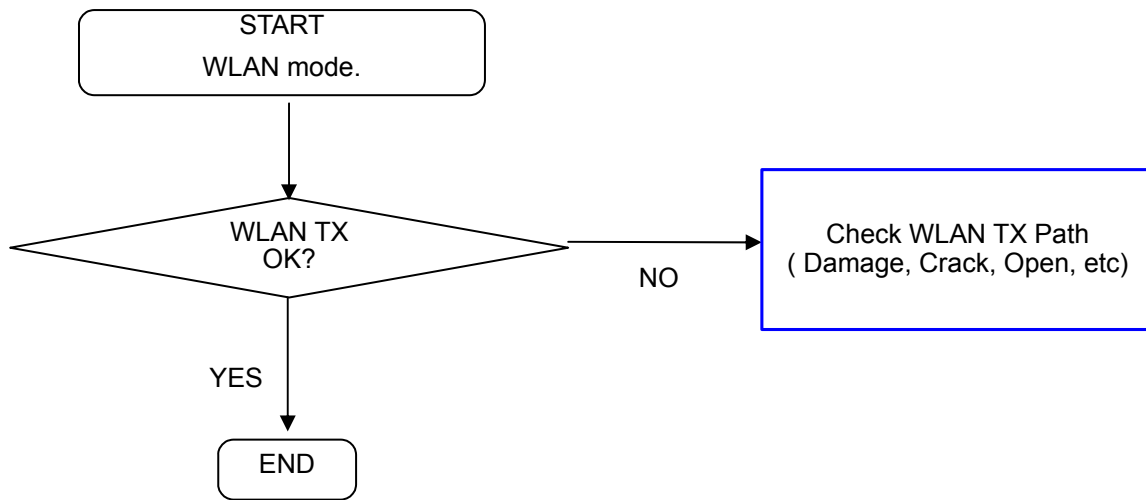
#### - WLAN RX





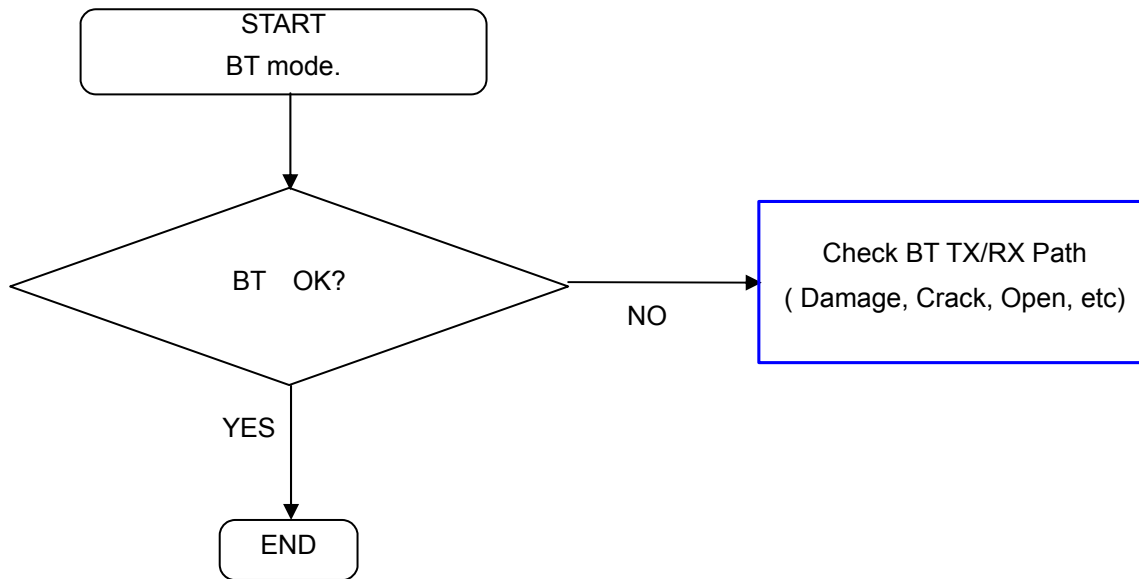
## 8. Level 3 Repair

### - WLAN TX



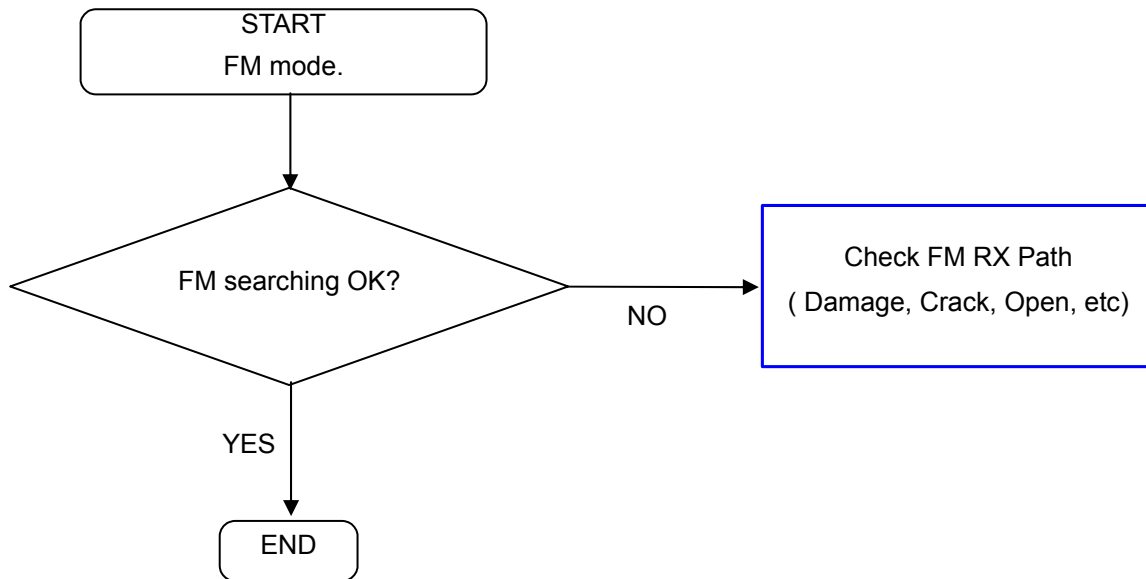
## 8. Level 3 Repair

### - BT



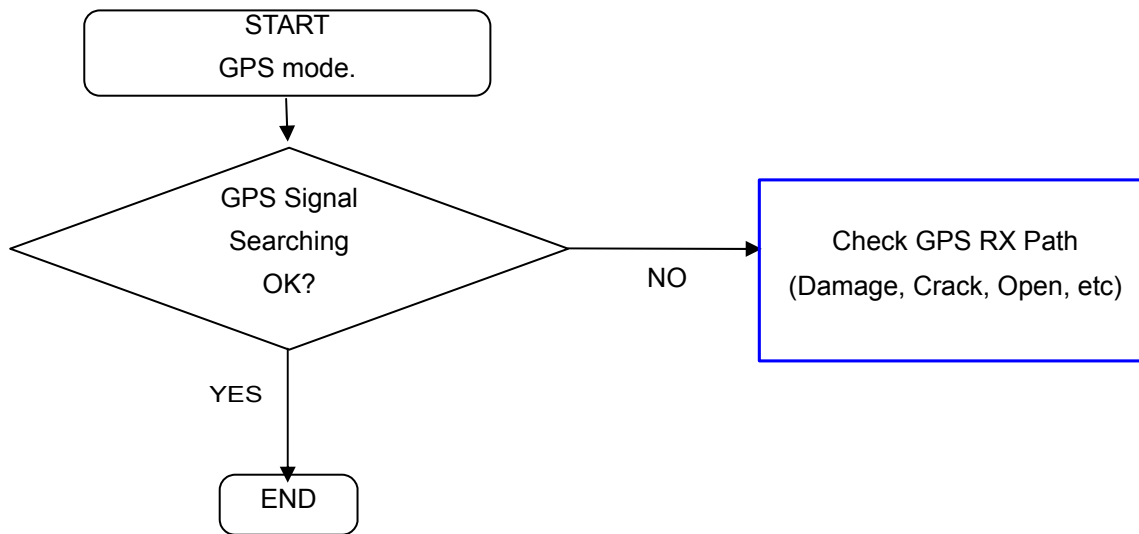
## 8. Level 3 Repair

### - FM



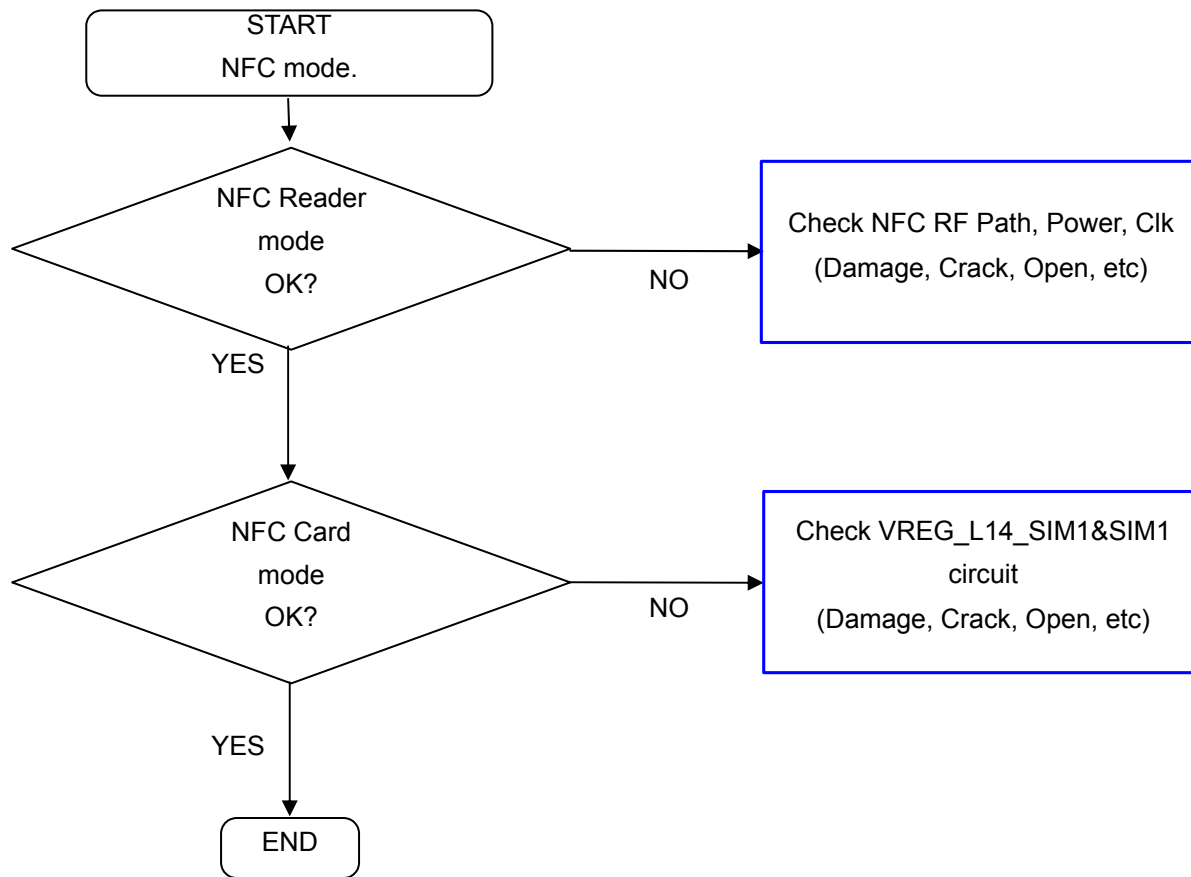
## 8. Level 3 Repair

### 8-4-18. RF Section(GPS)



## 8. Level 3 Repair

### 8-4-19. RF Section(NFC)



# 8. Level 3 Repair

## 8-5. Service Schematics

### - NC Point(Top View)

● : NC

UCP3000 (AP)

