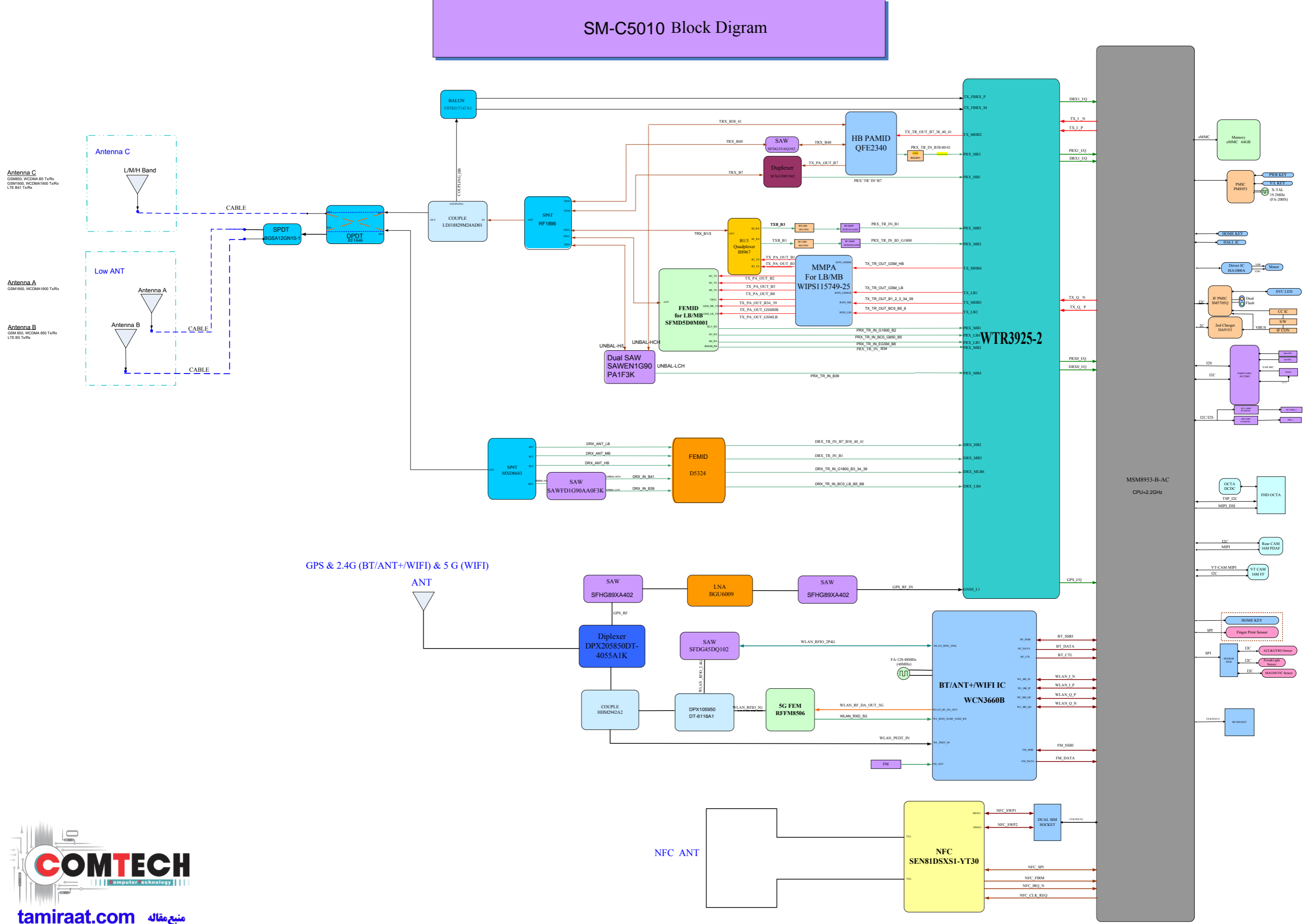
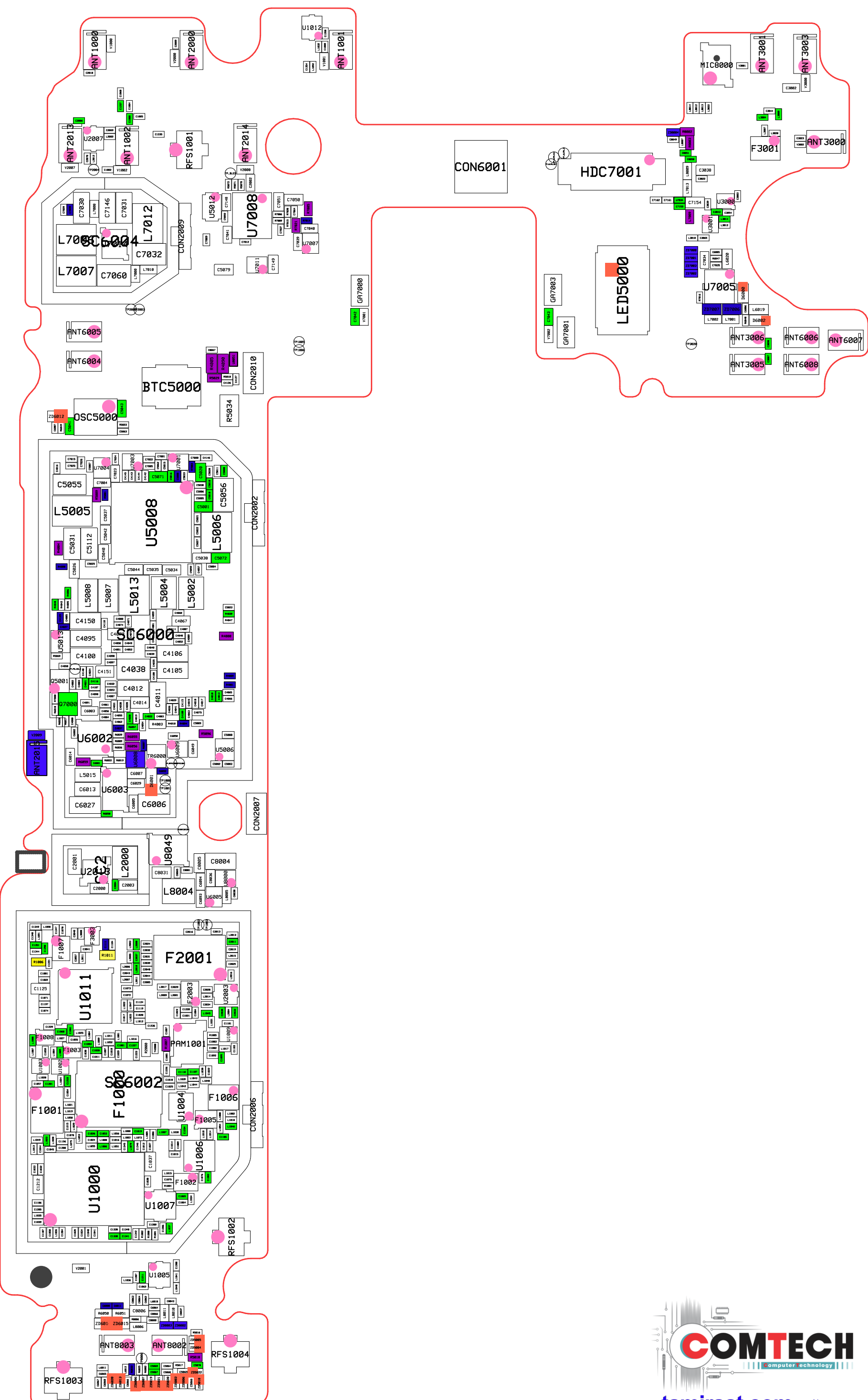
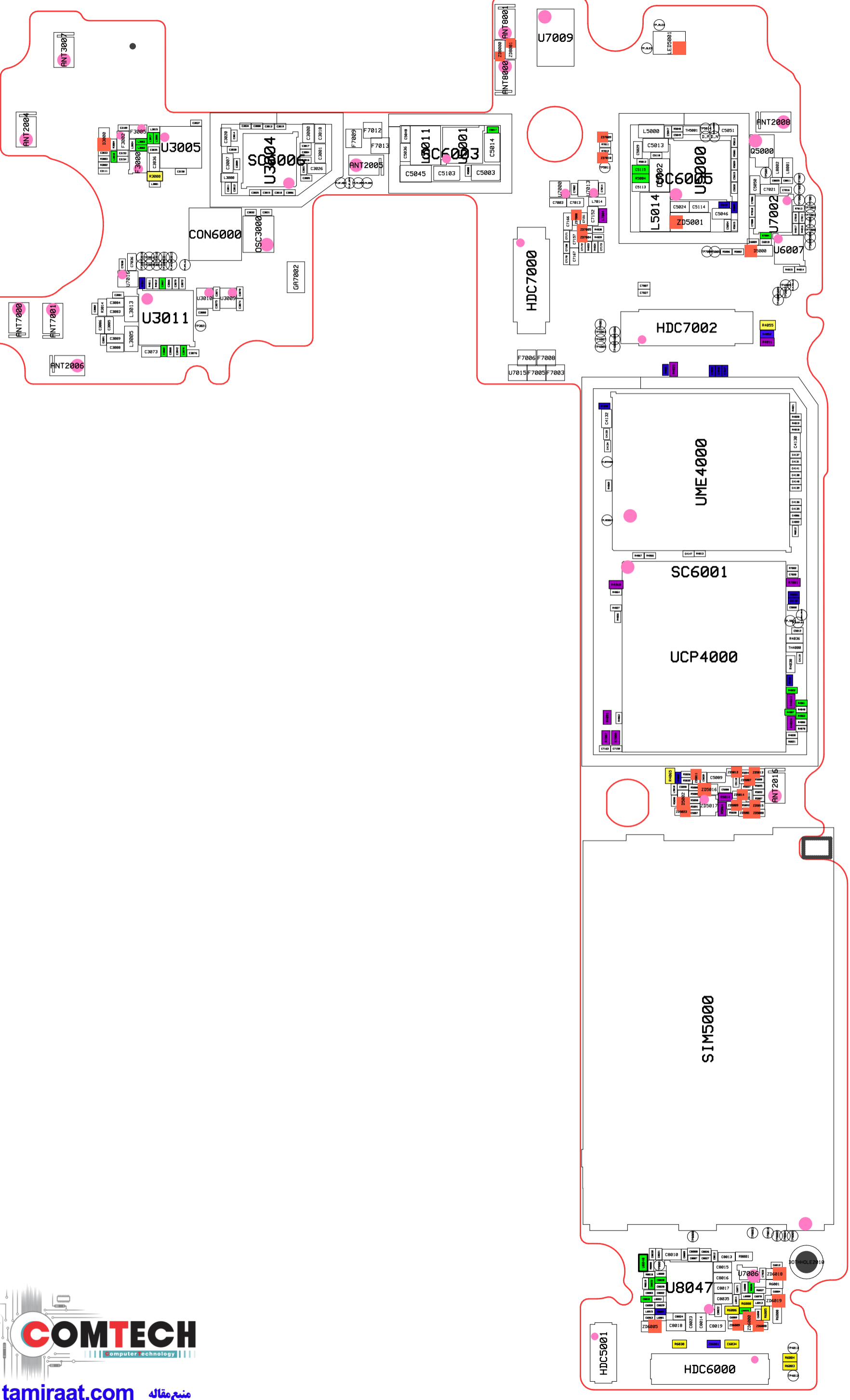


# SM-C5010 Block Diagram

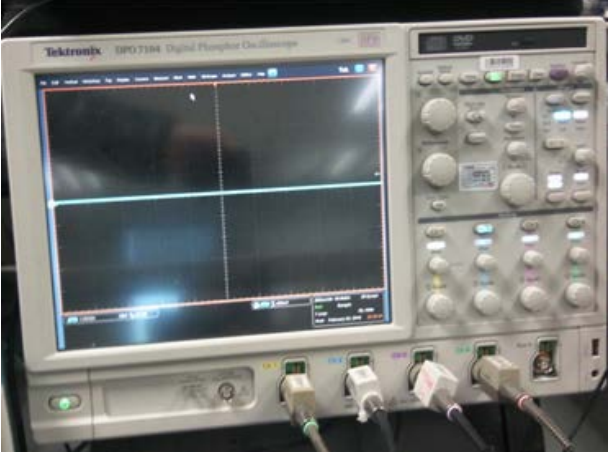


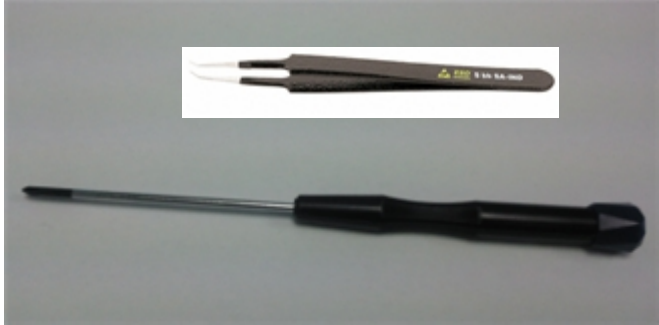
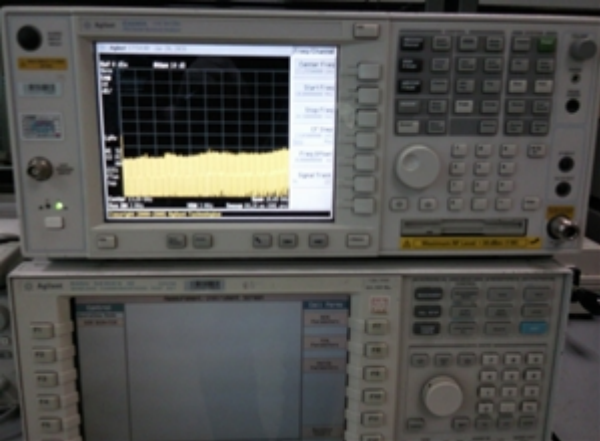







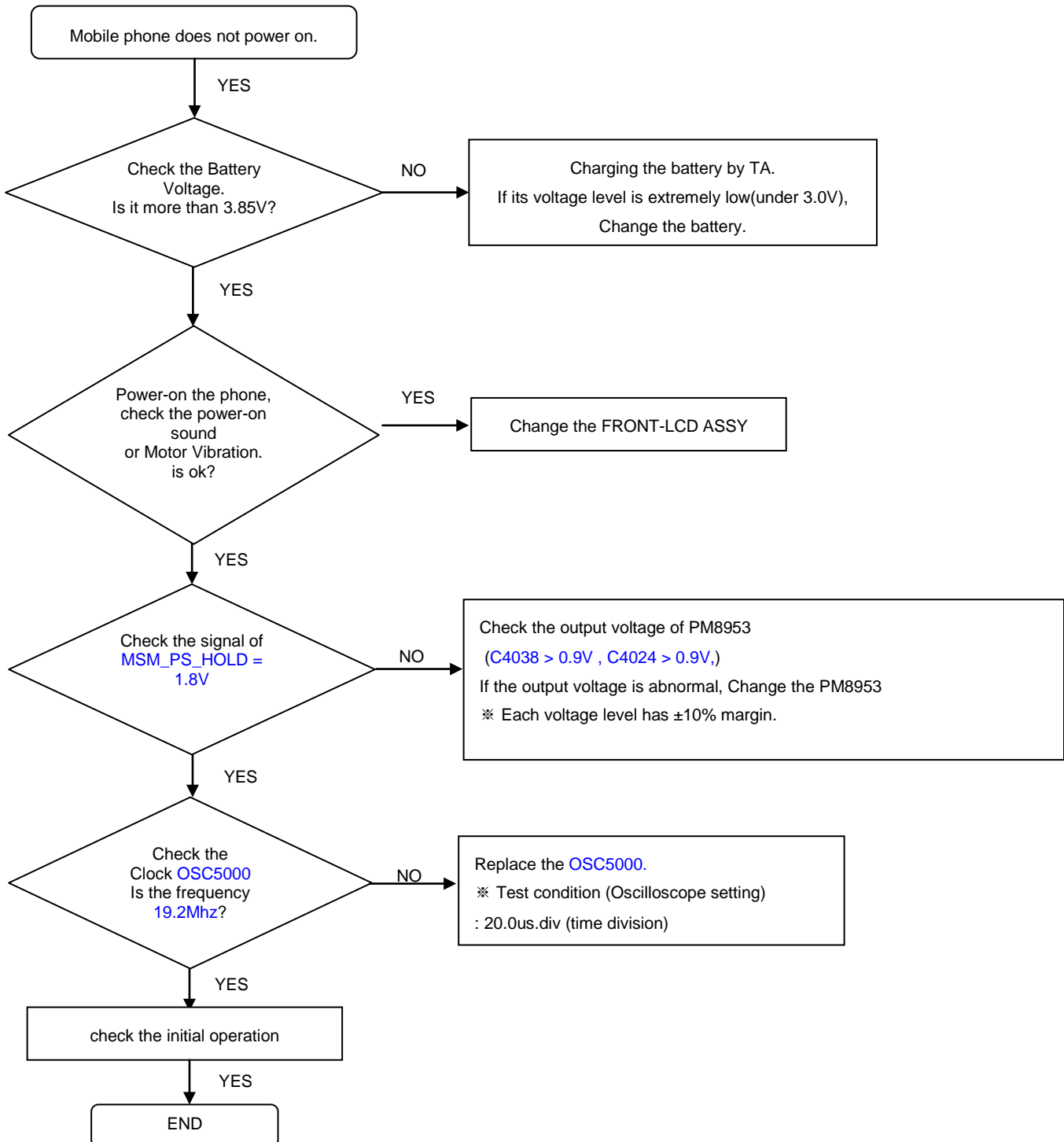
## 8. Level 3 Repair

### 8-3. Flow Chart of Troubleshooting

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

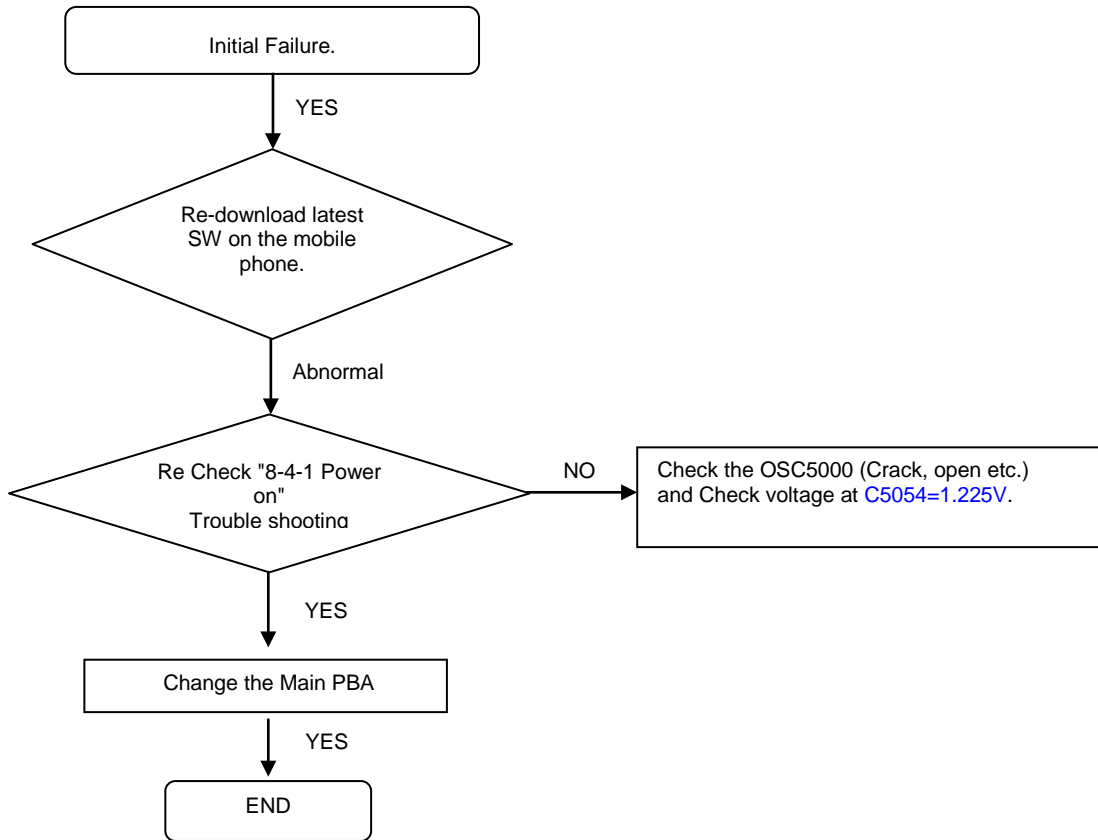
## 8. Level 3 Repair

### 8-4-1. Power On



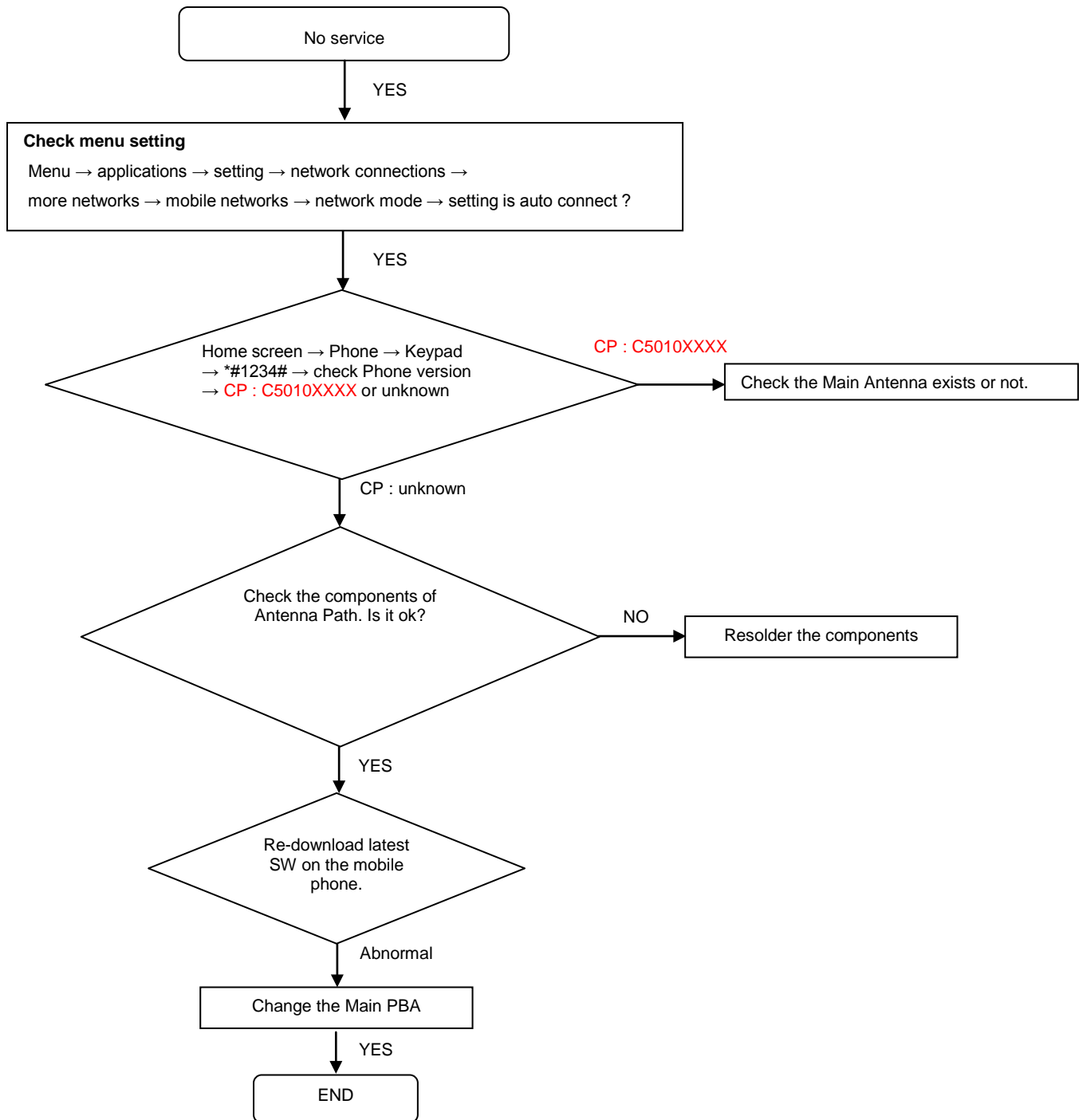
## 8. Level 3 Repair

### 8-4-2. Initial



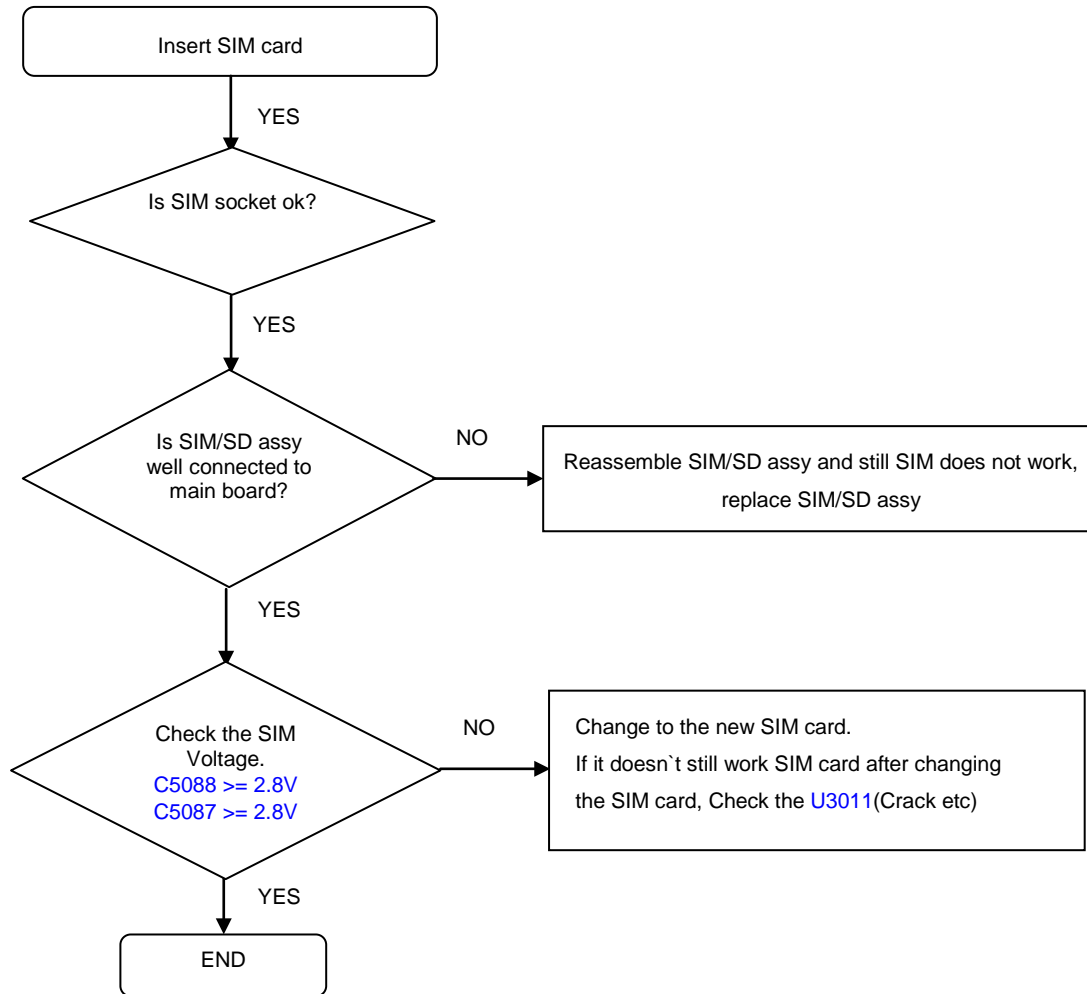
## 8. Level 3 Repair

### 8-4-3. No Service



## 8. Level 3 Repair

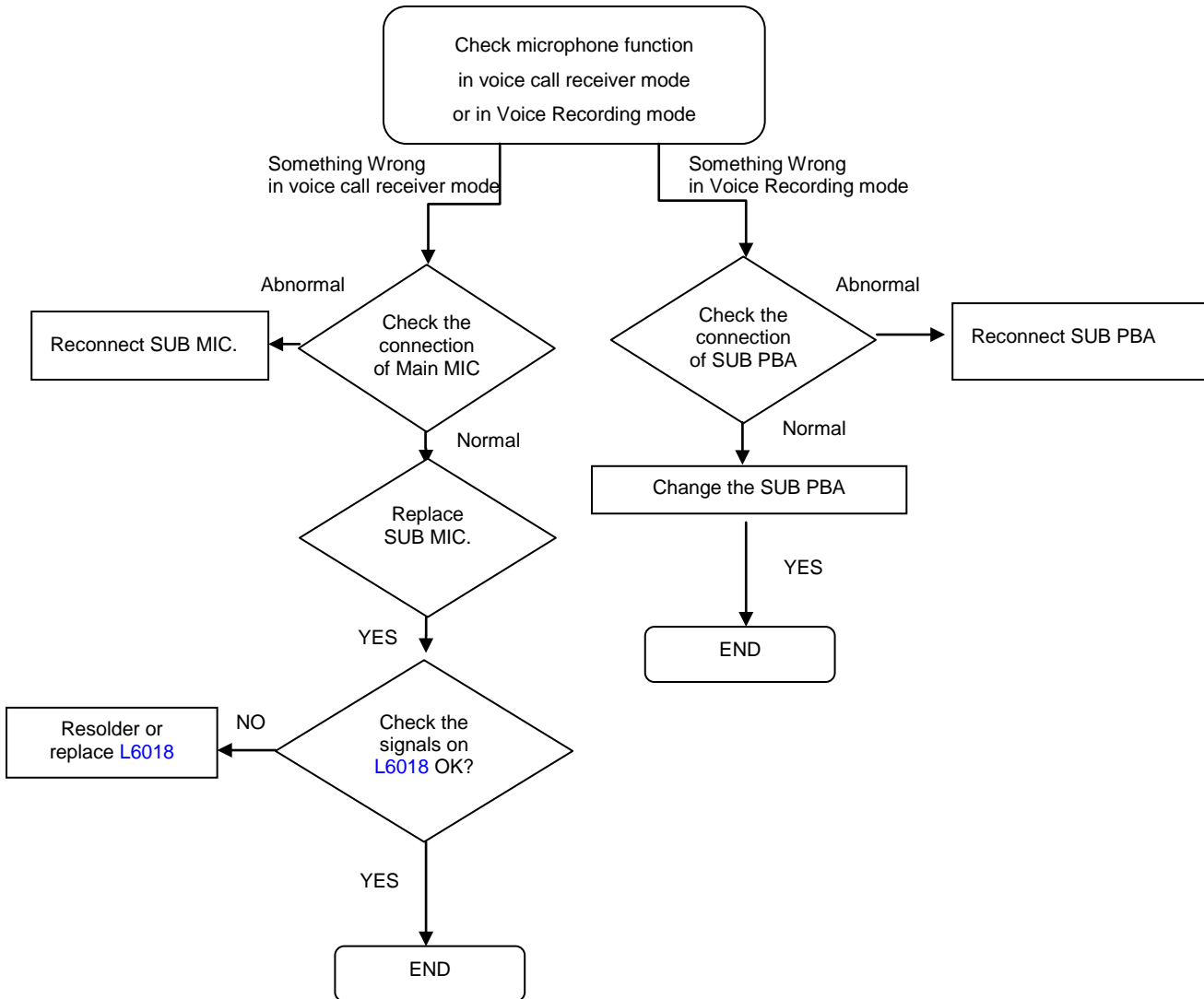
### 8-4-4. Sim Part





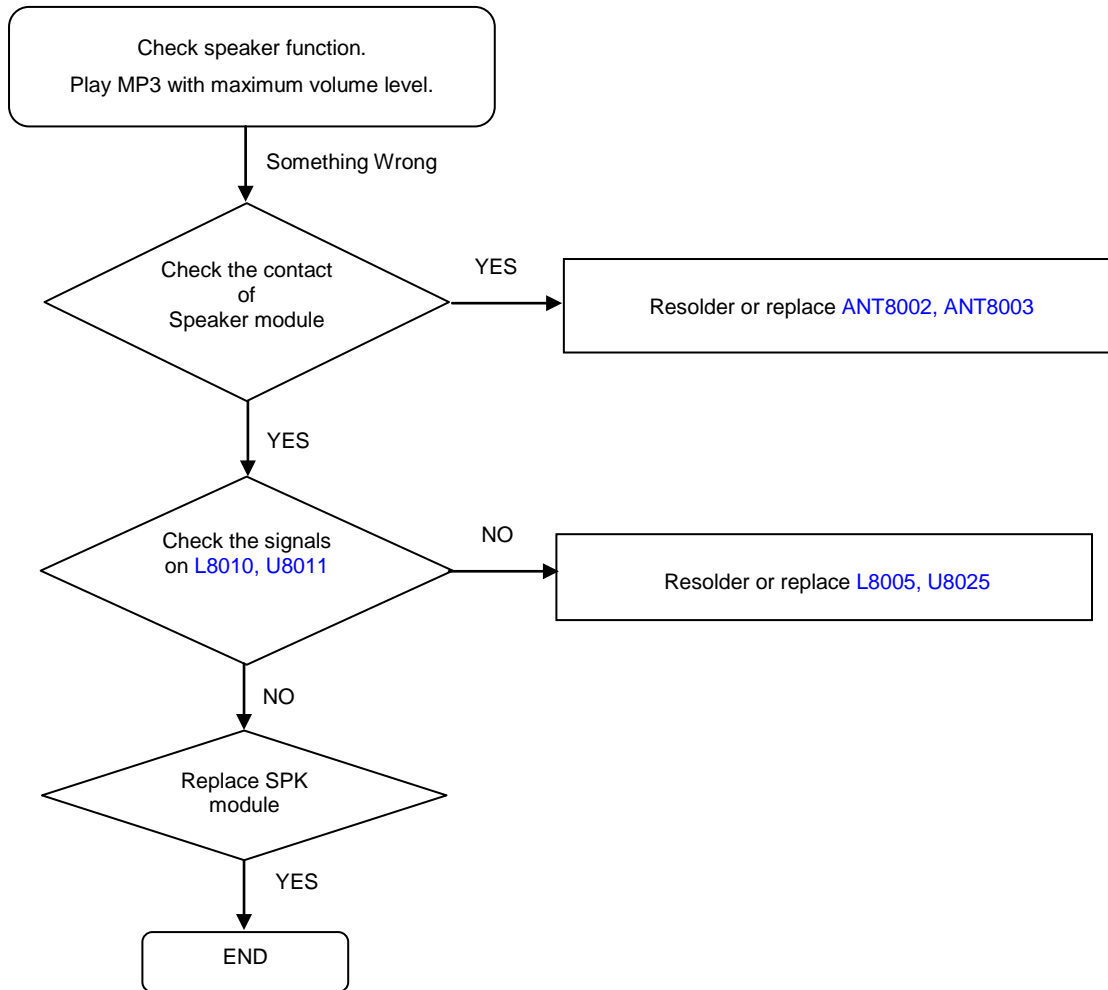
## 8. Level 3 Repair

### 8-4-5. Microphone Part



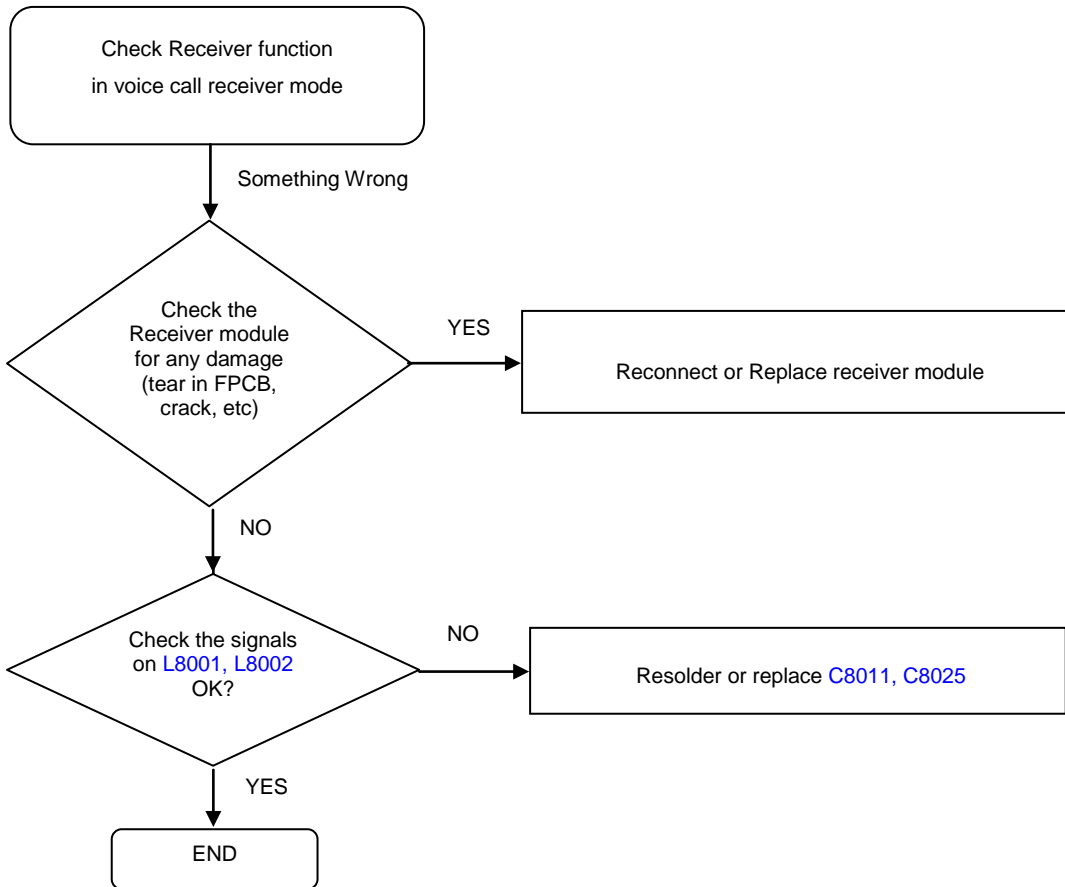
## 8. Level 3 Repair

### 8-4-6. Speaker Part



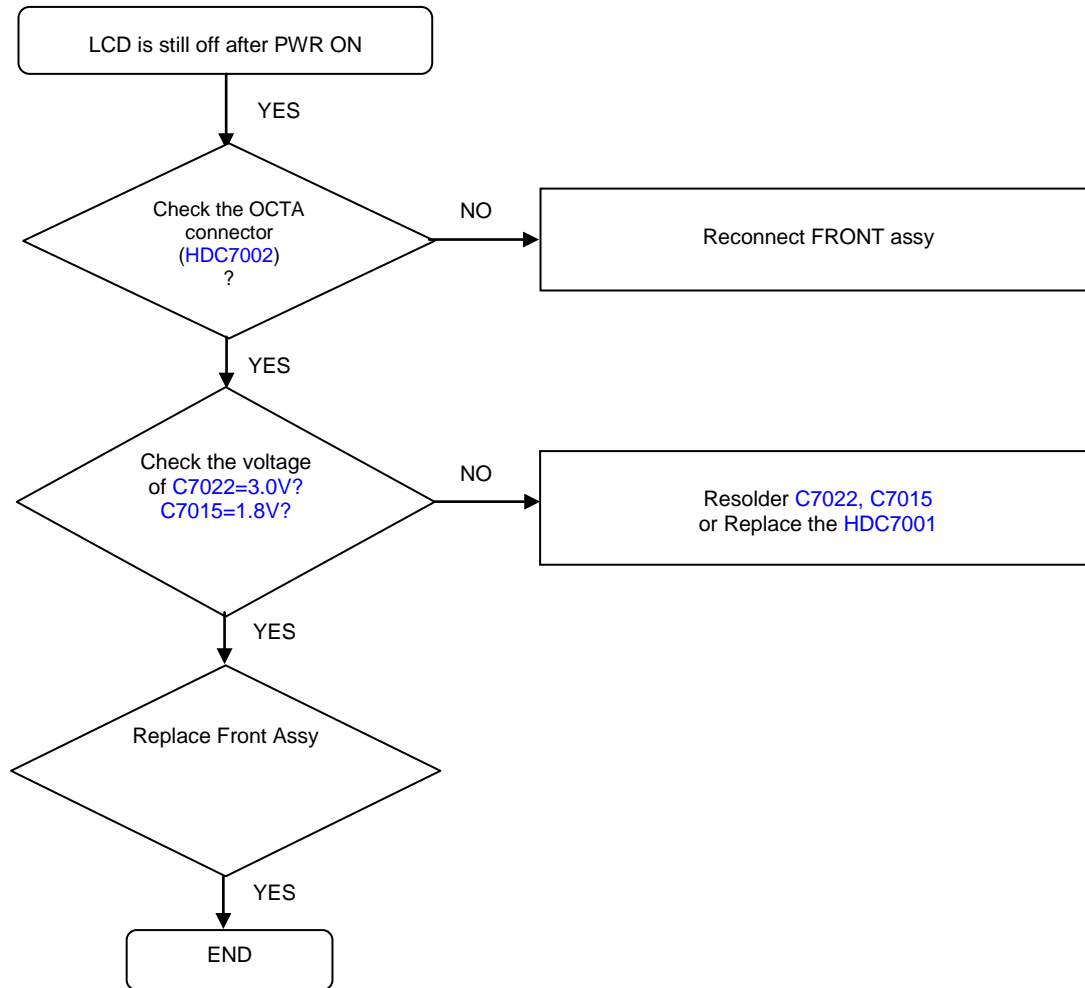
## 8. Level 3 Repair

### 8-4-7. Receiver Part



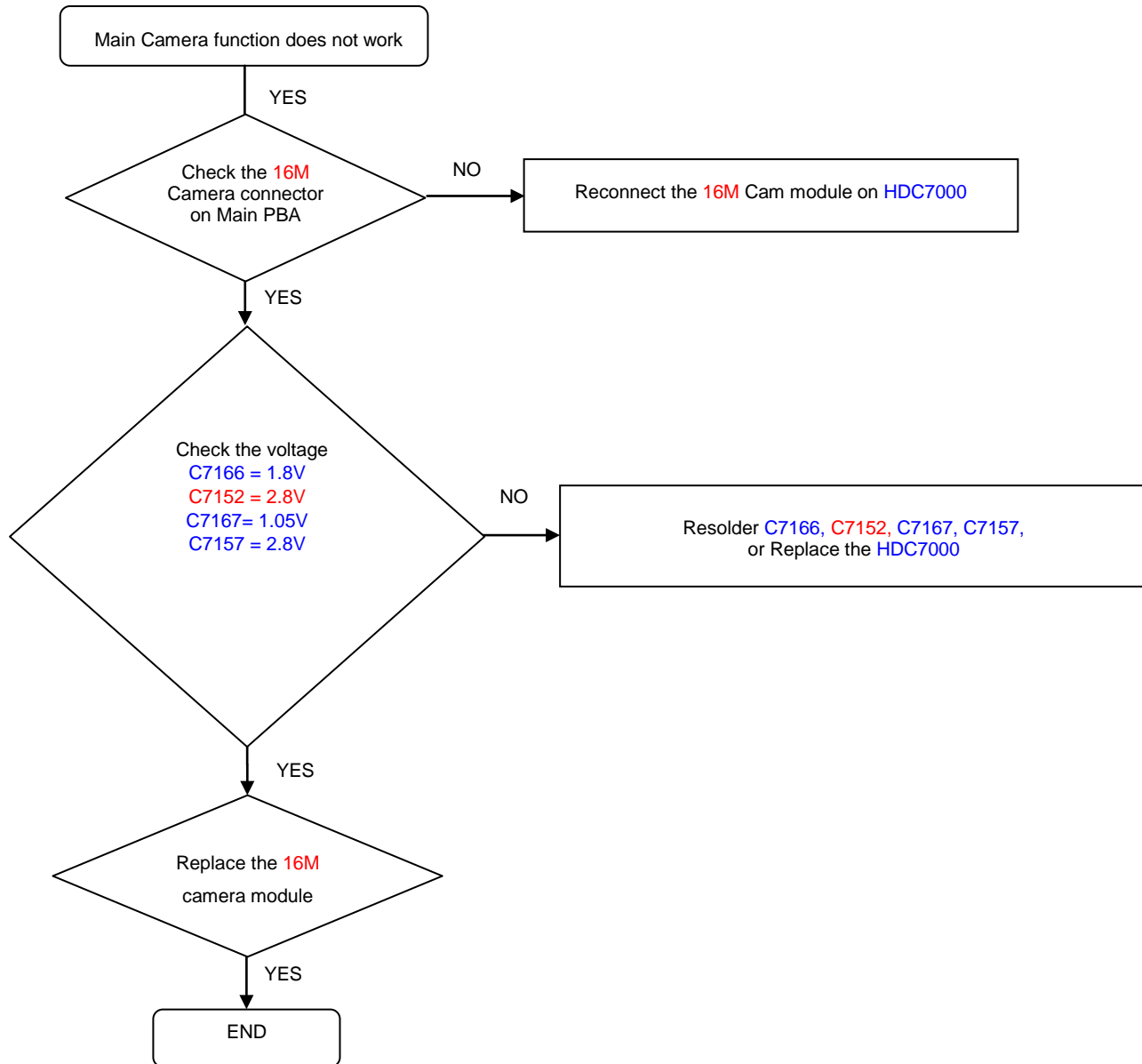
## 8. Level 3 Repair

### 8-4-8. OCTA



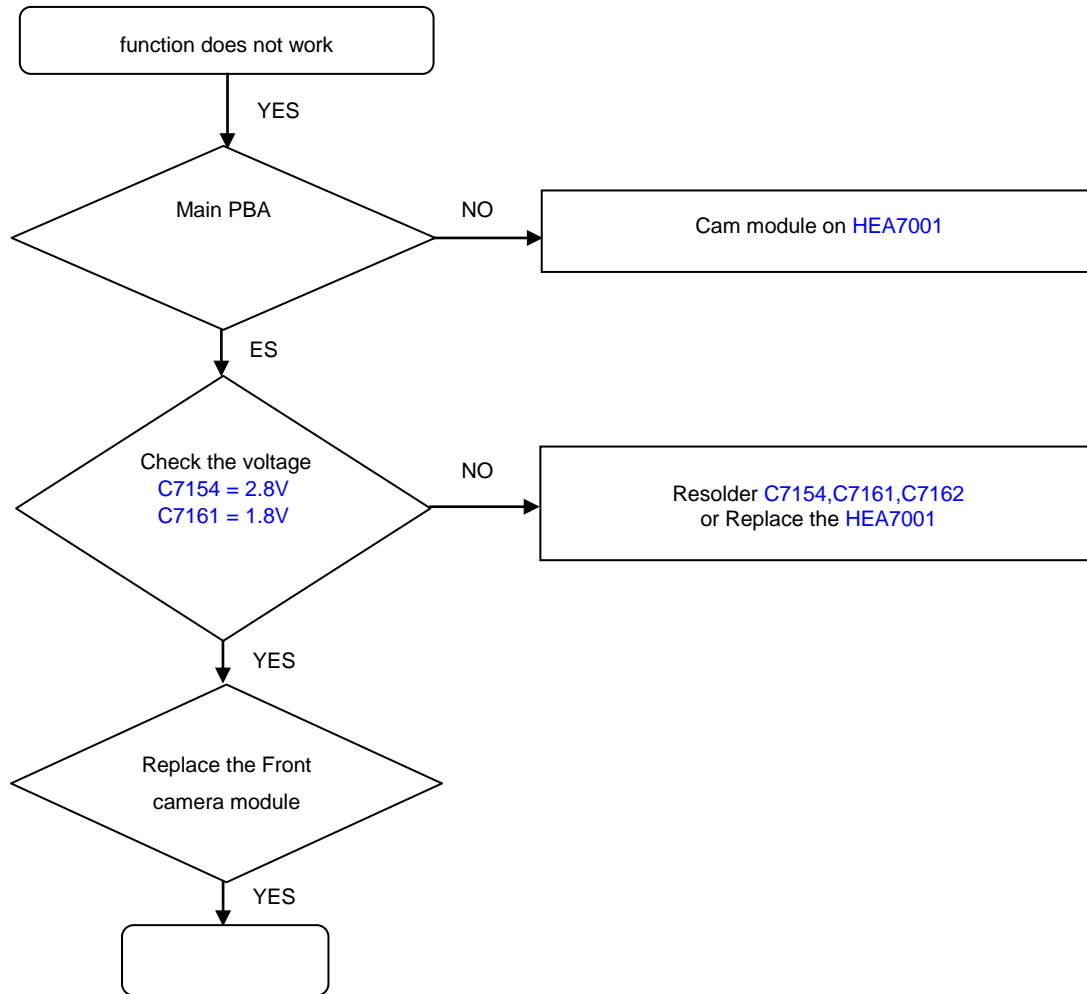
## 8. Level 3 Repair

### 8-4-9. 16M CAMERA



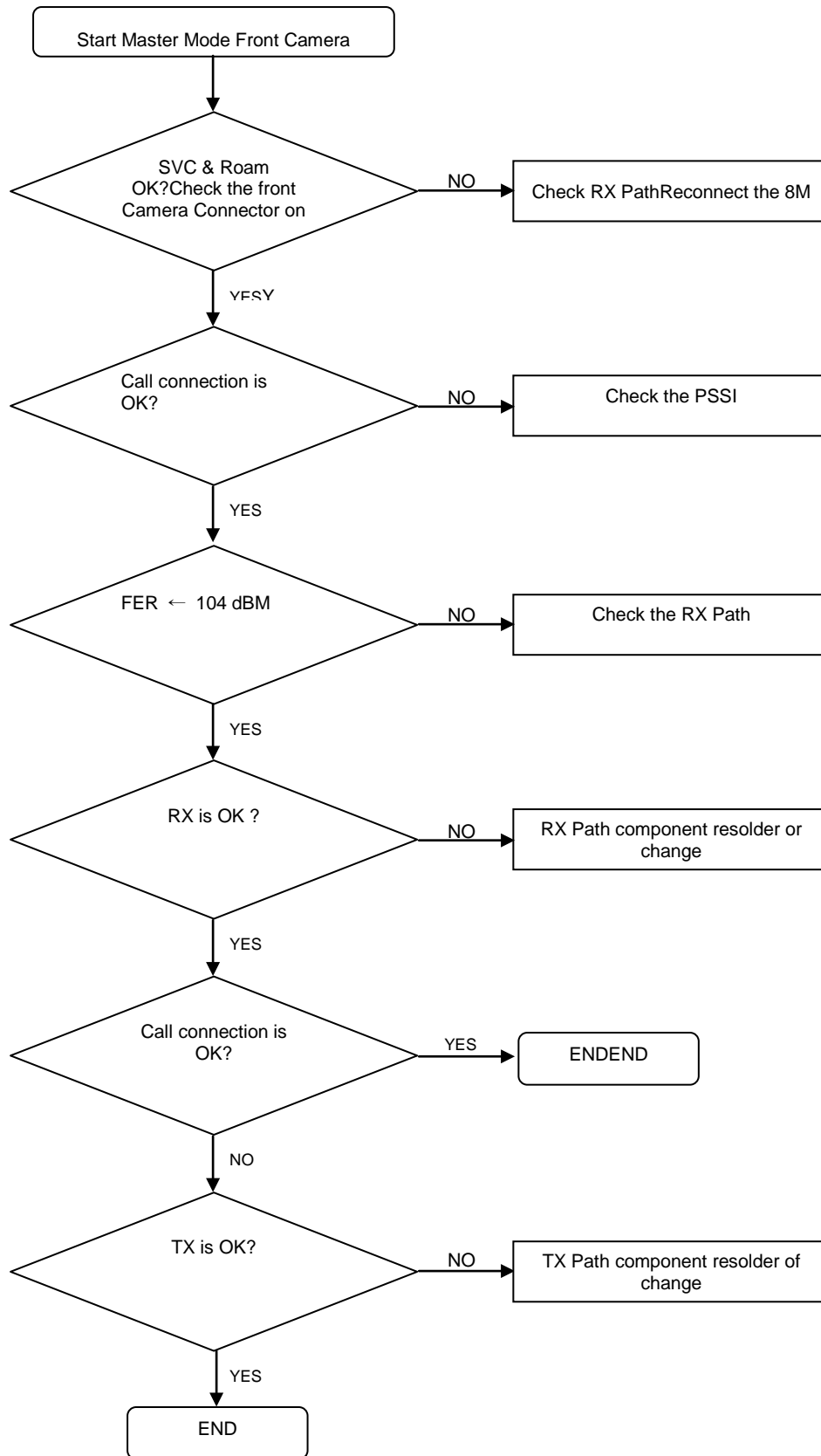
## 8. Level 3 Repair

### 8-4-10. 16M VT CAMERA



## 8. Level 3 Repair

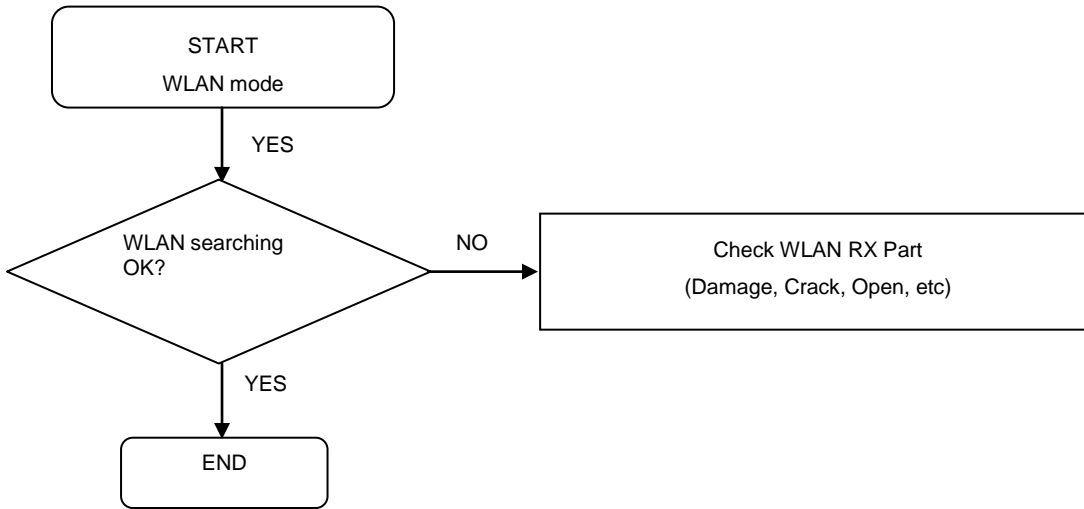
### 8-4-11. RF Section(LTE,WCDMA,TDSCDMA,CDMA,GSM)



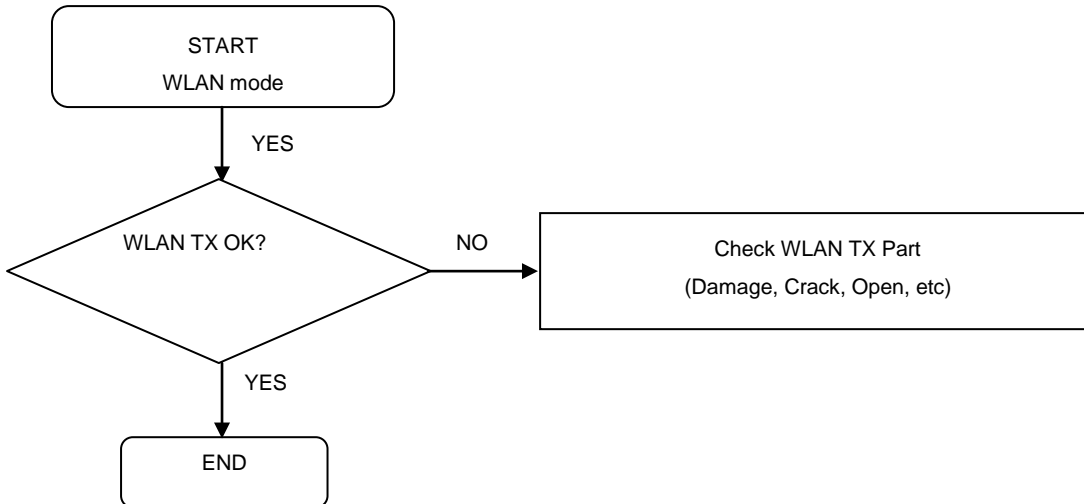
## 8. Level 3 Repair

### 8-4-12. RF Section(WLAN / BT)

#### - WLAN RX



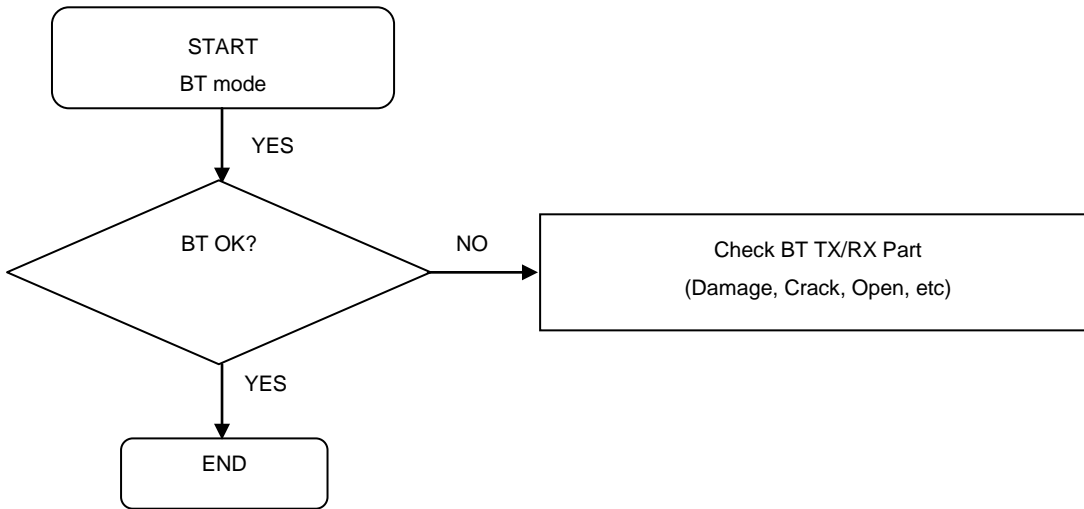
#### - WLAN TX



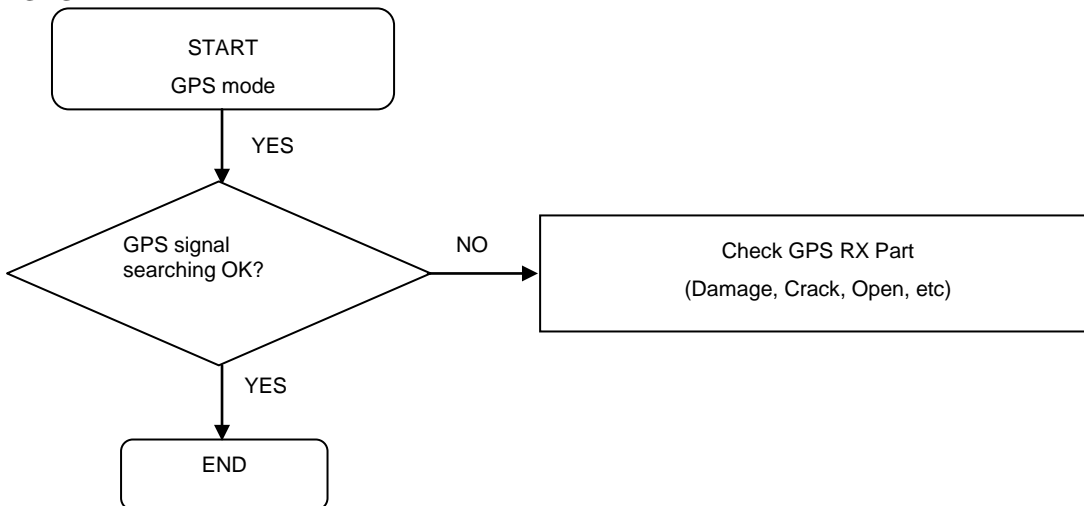


## 8. Level 3 Repair

### - BT

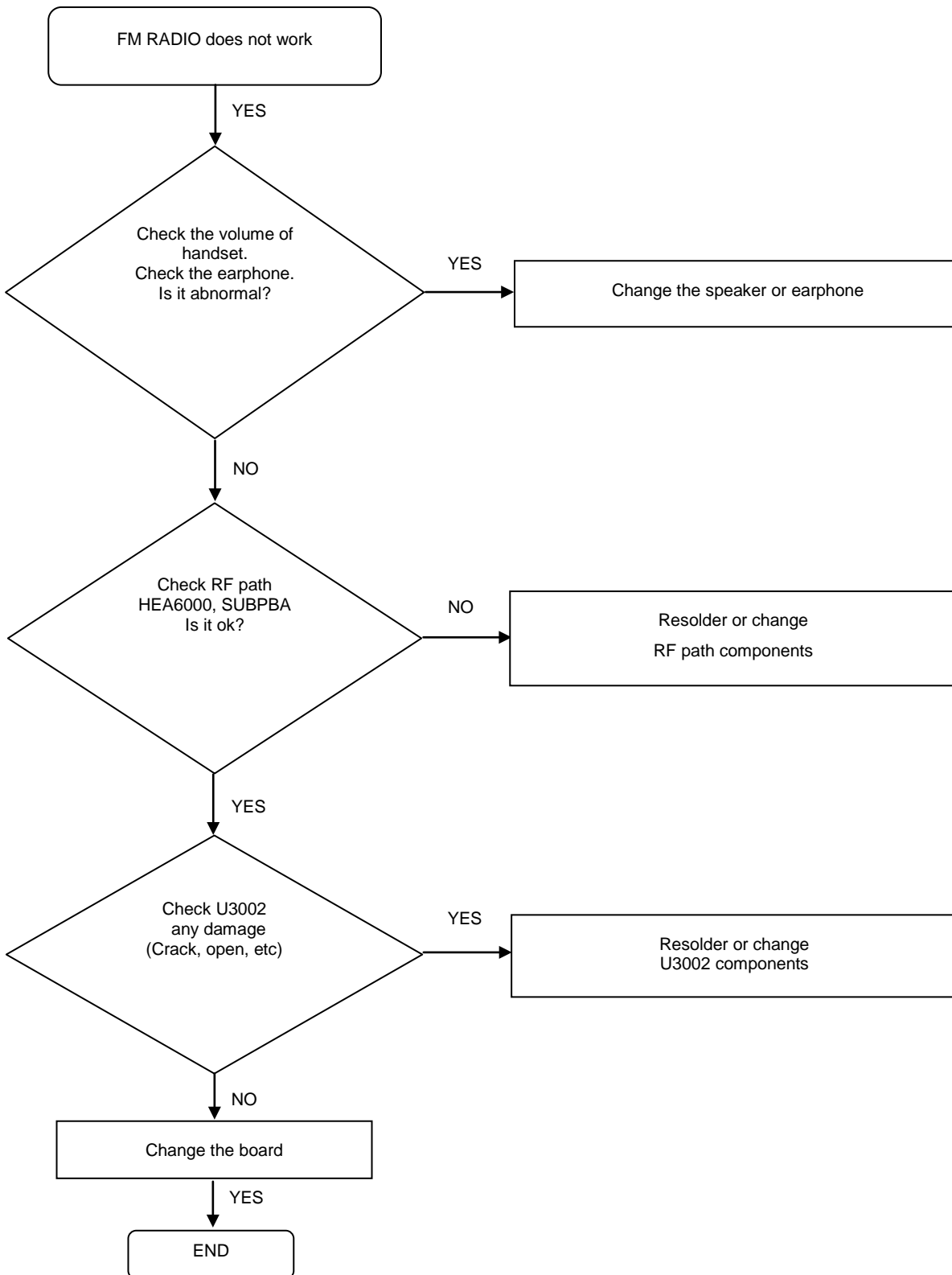


### - GPS



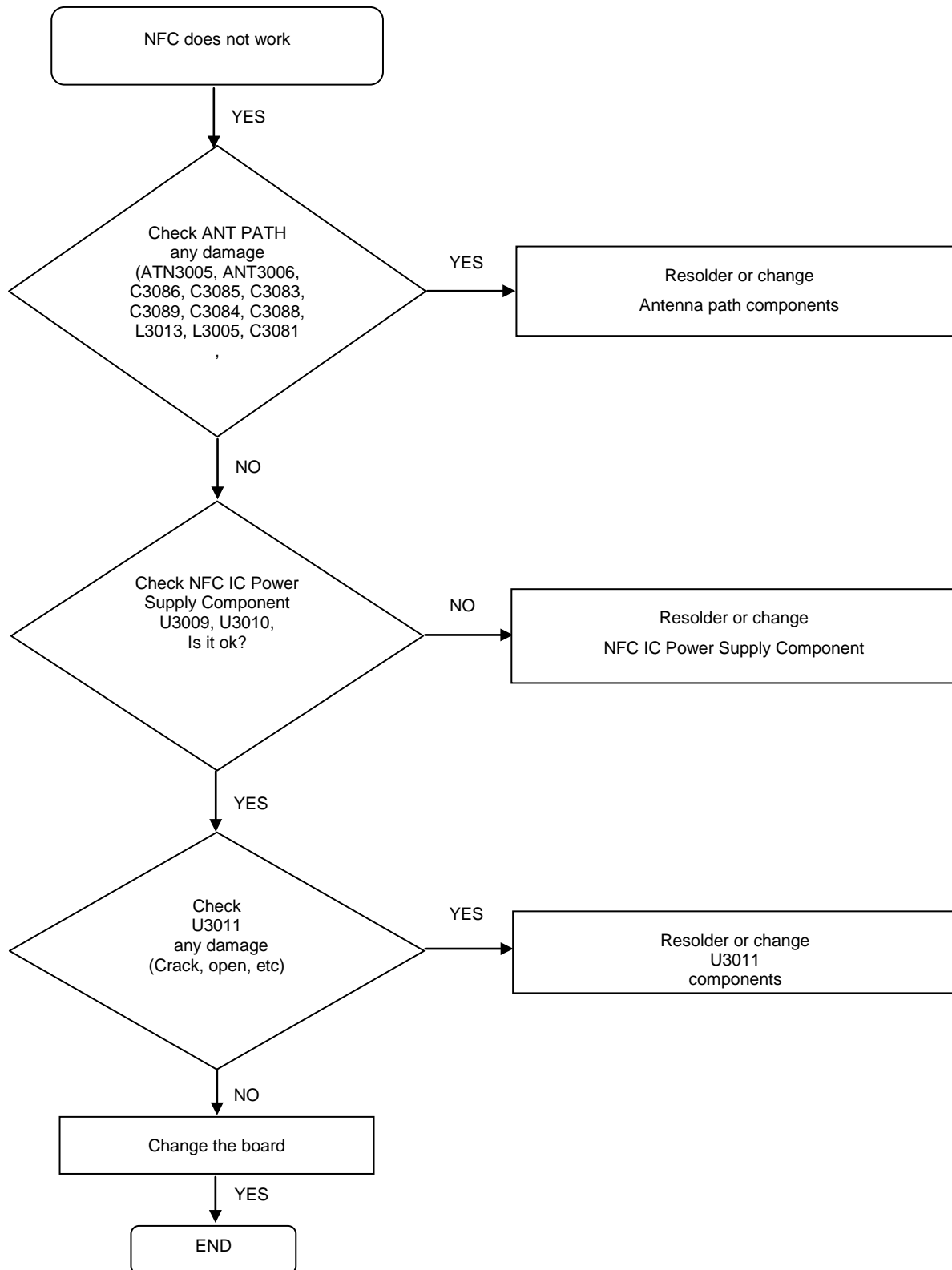
## 8. Level 3 Repair

### 8-4-13. FM RADIO



## 8. Level 3 Repair

### 8-4-14. NFC



# 8. Level 3 Repair

## 8-5. Service Schematics - NC Point(Top View)

### UCP3000