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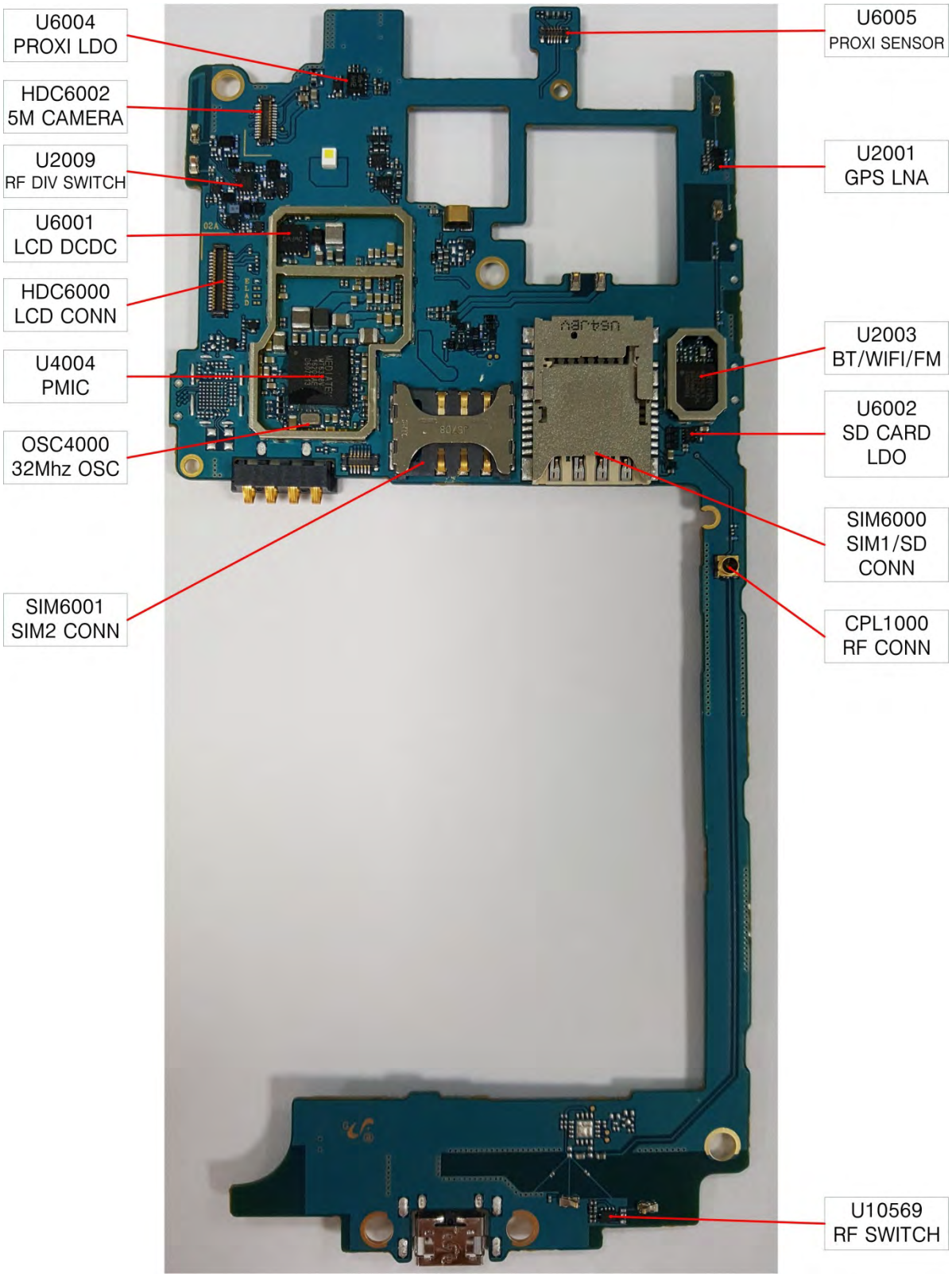
8-1. Components Layout



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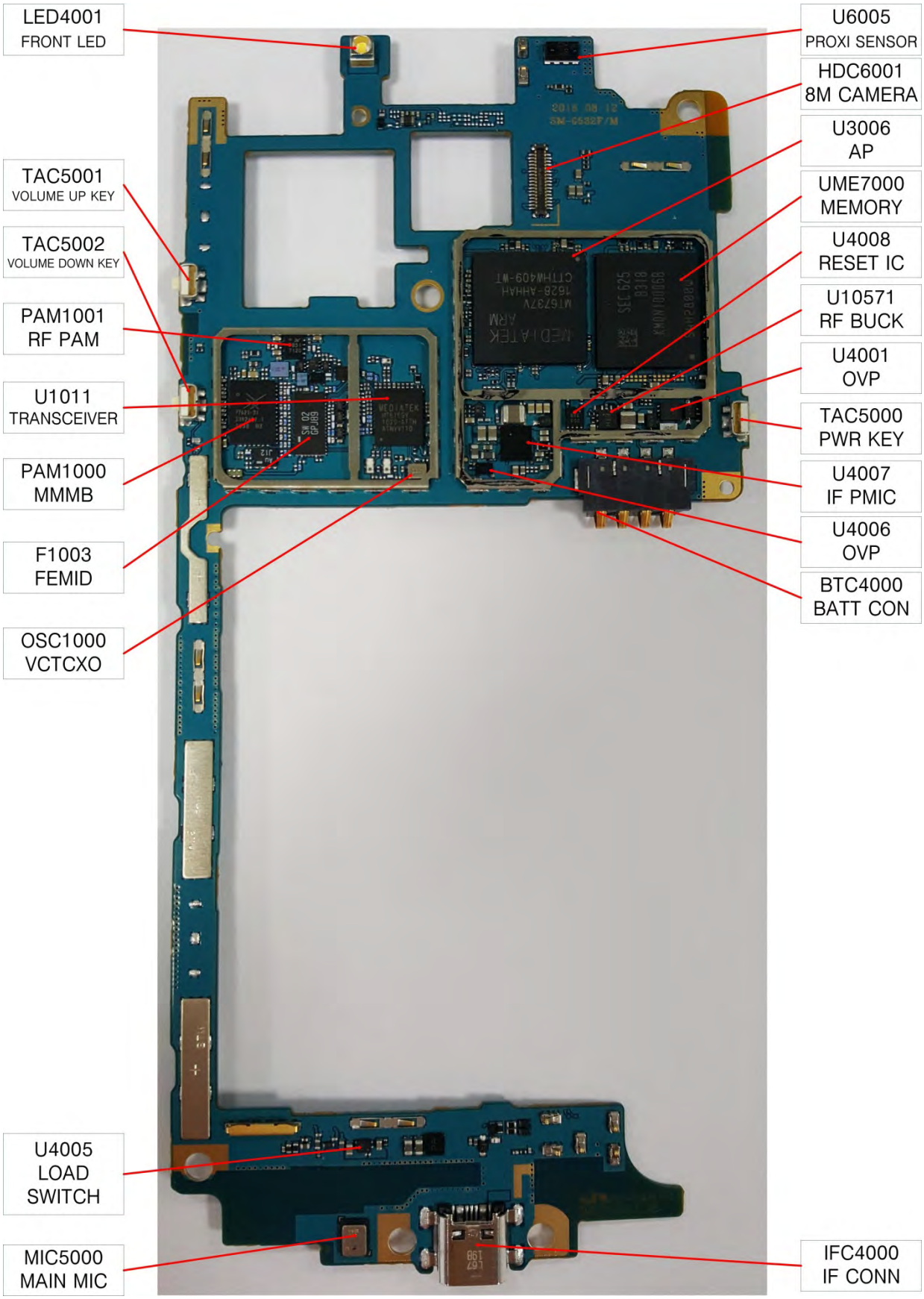

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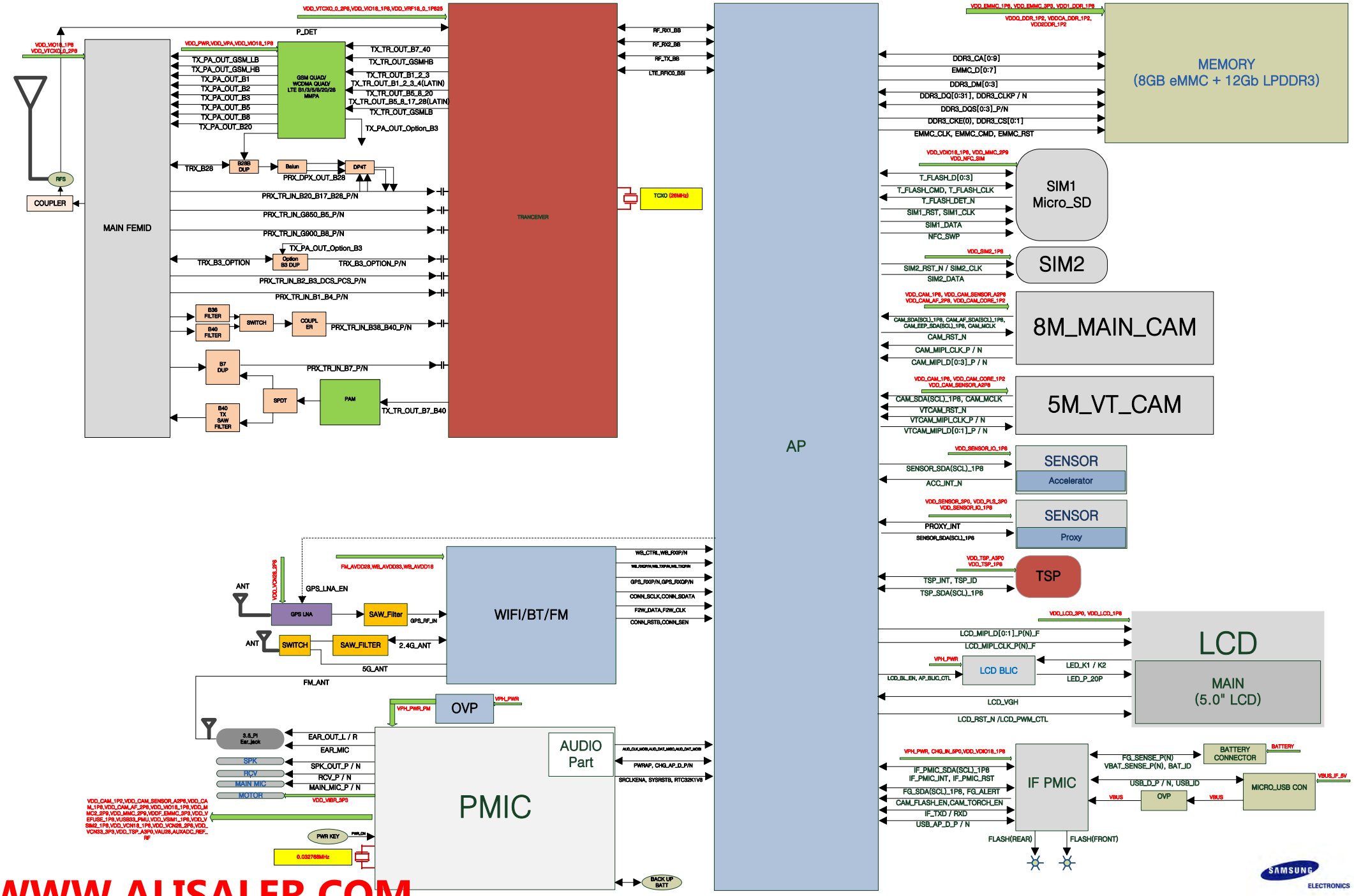
SM-G532 Block Diagram



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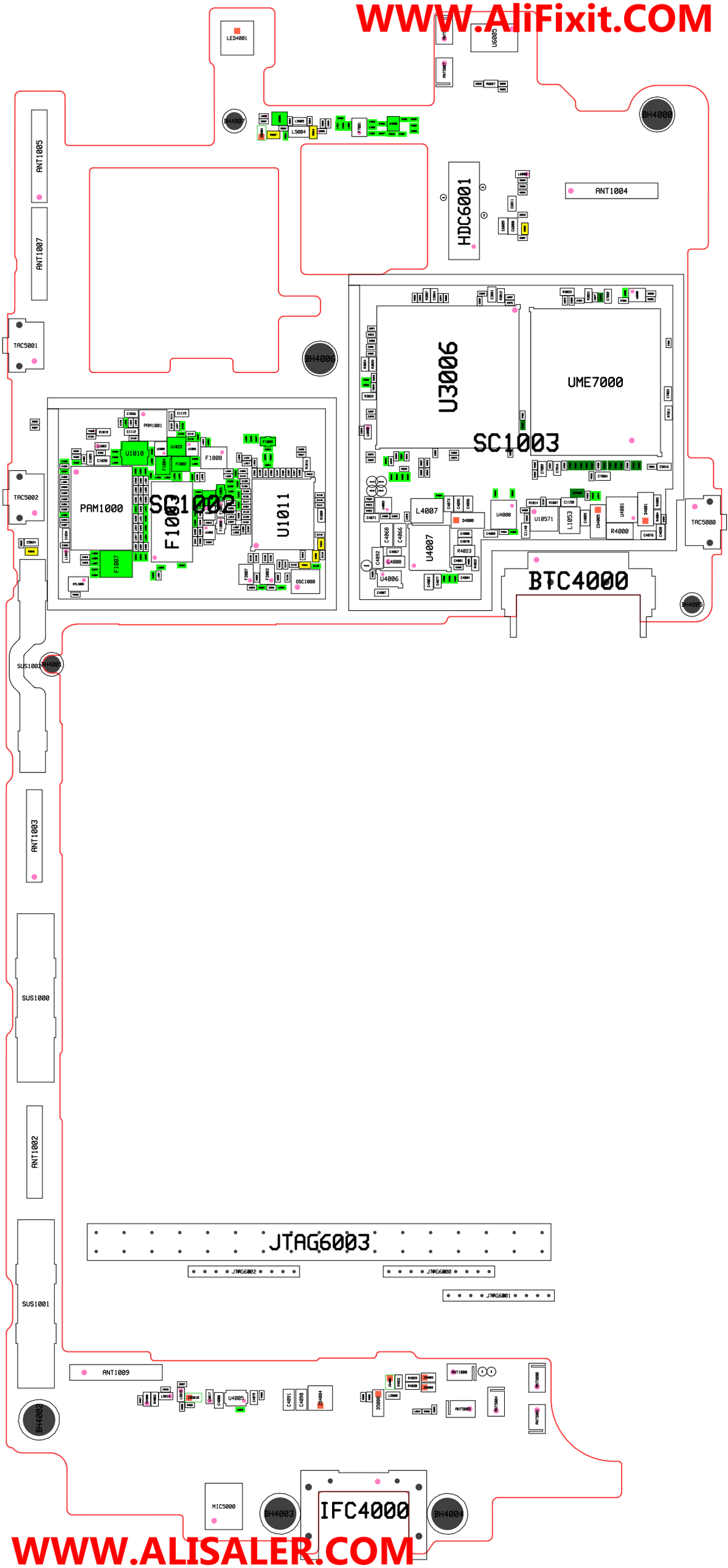

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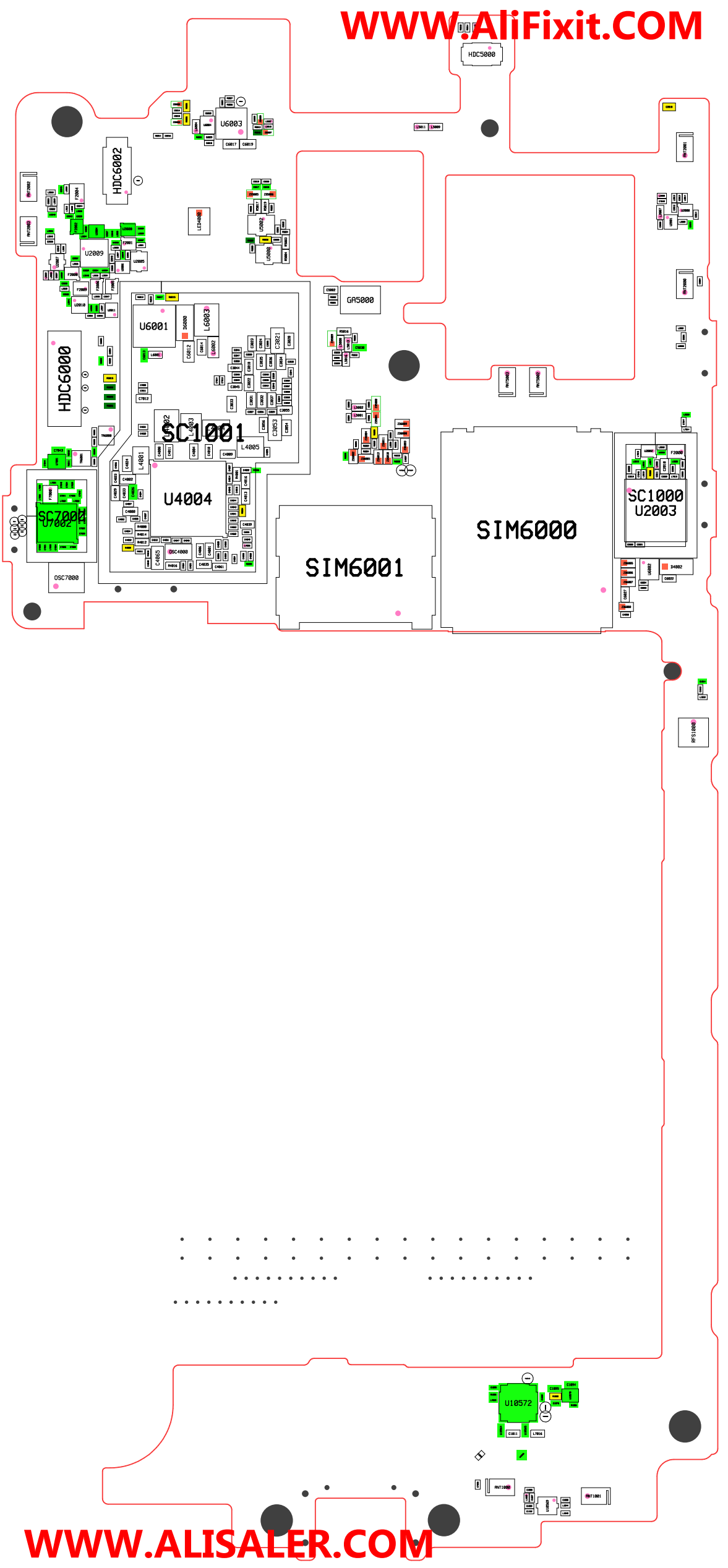

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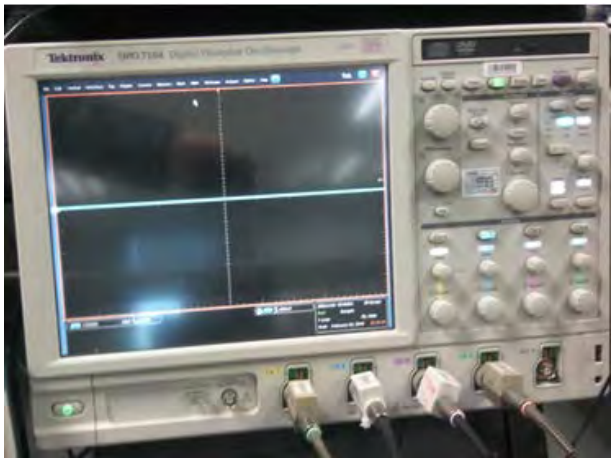
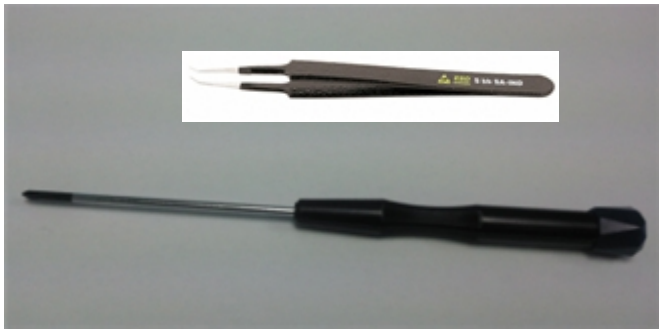
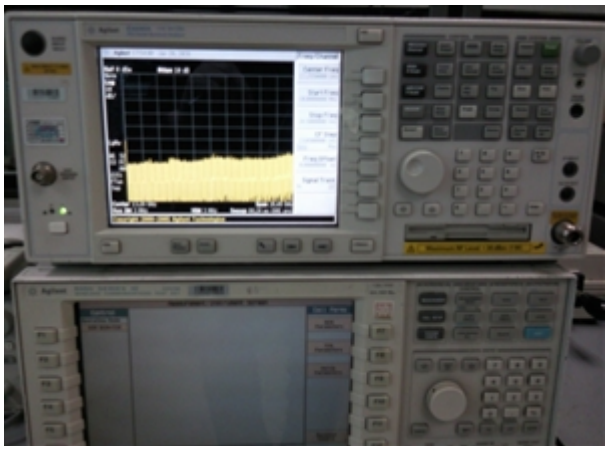
8-3. Flow Chart of Troubleshooting

	
Oscilloscope	Digital Multimeter
	
Power Supply	+ driver, ESD Safe Tweezer
	
8960 & Spectrum Analyzer	Soldering iron

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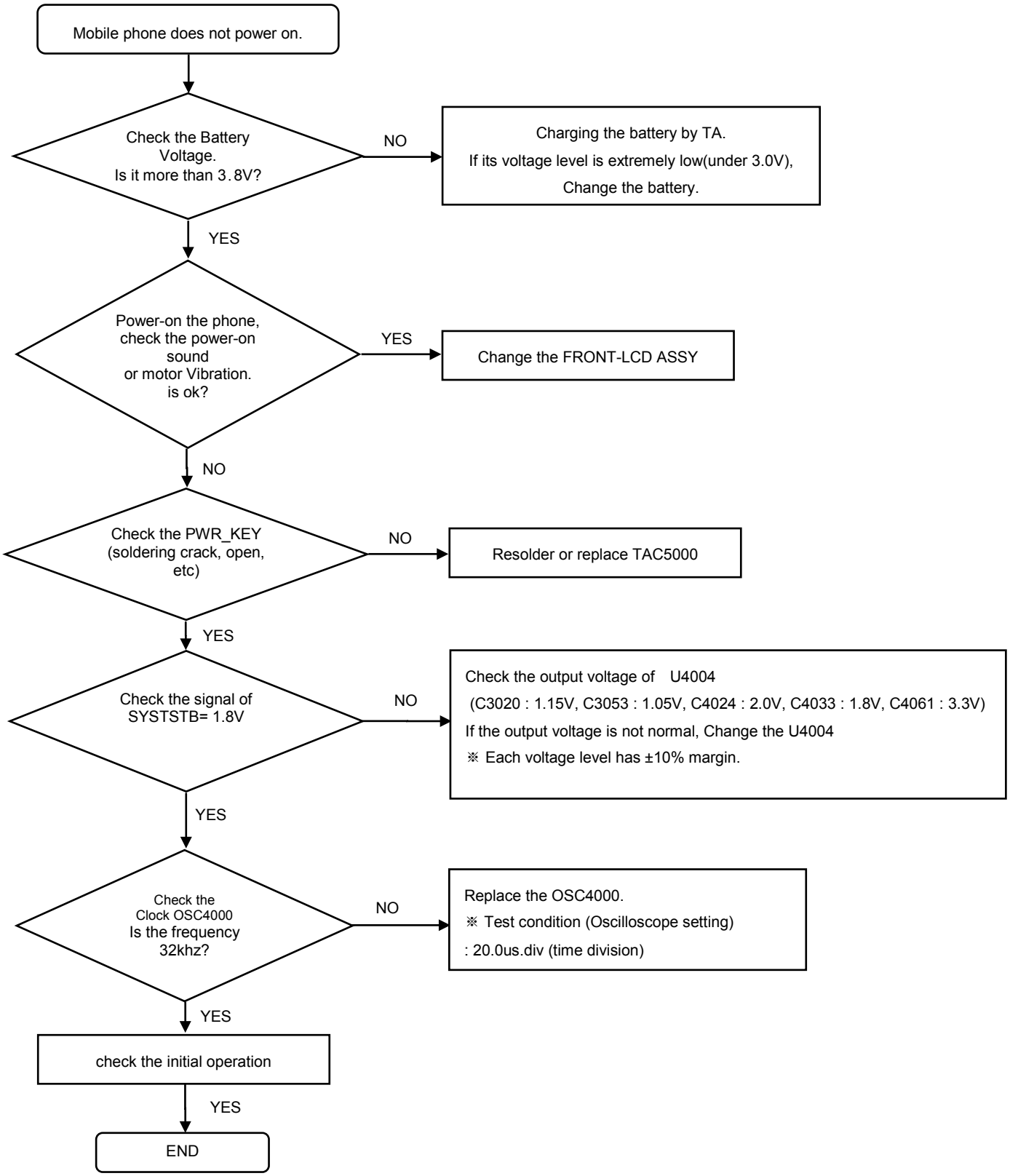
8-4-1. Power On



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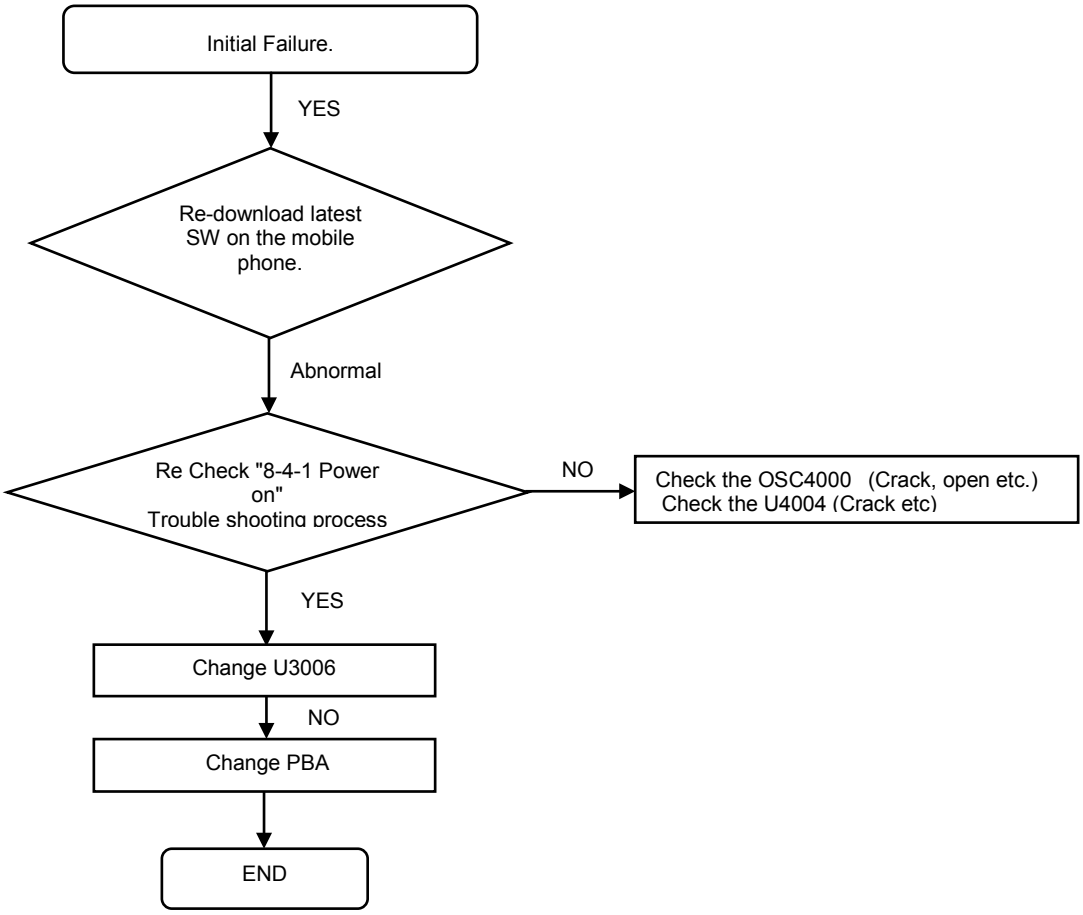
8-4-2. Initial



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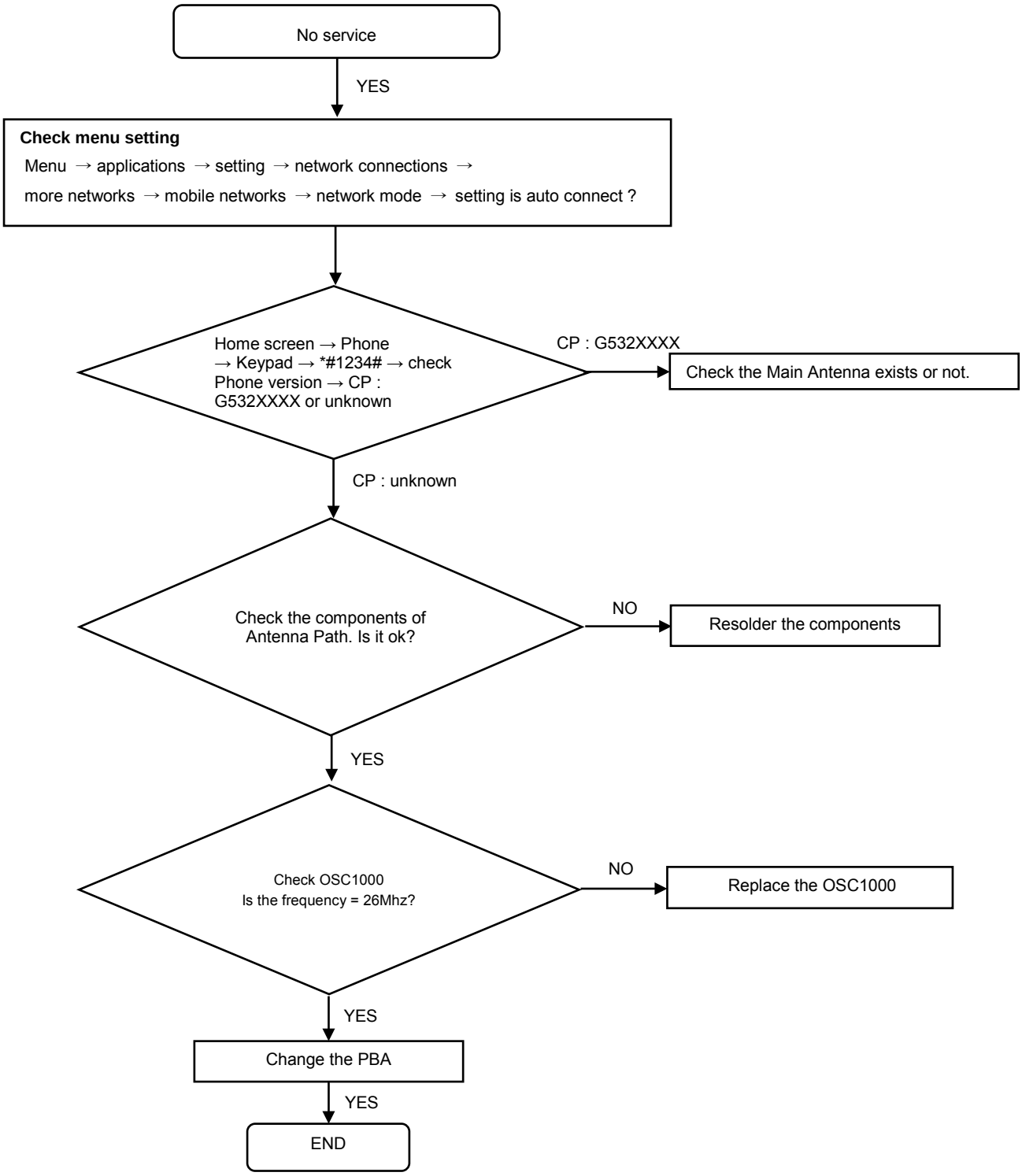
8-4-3. No Service



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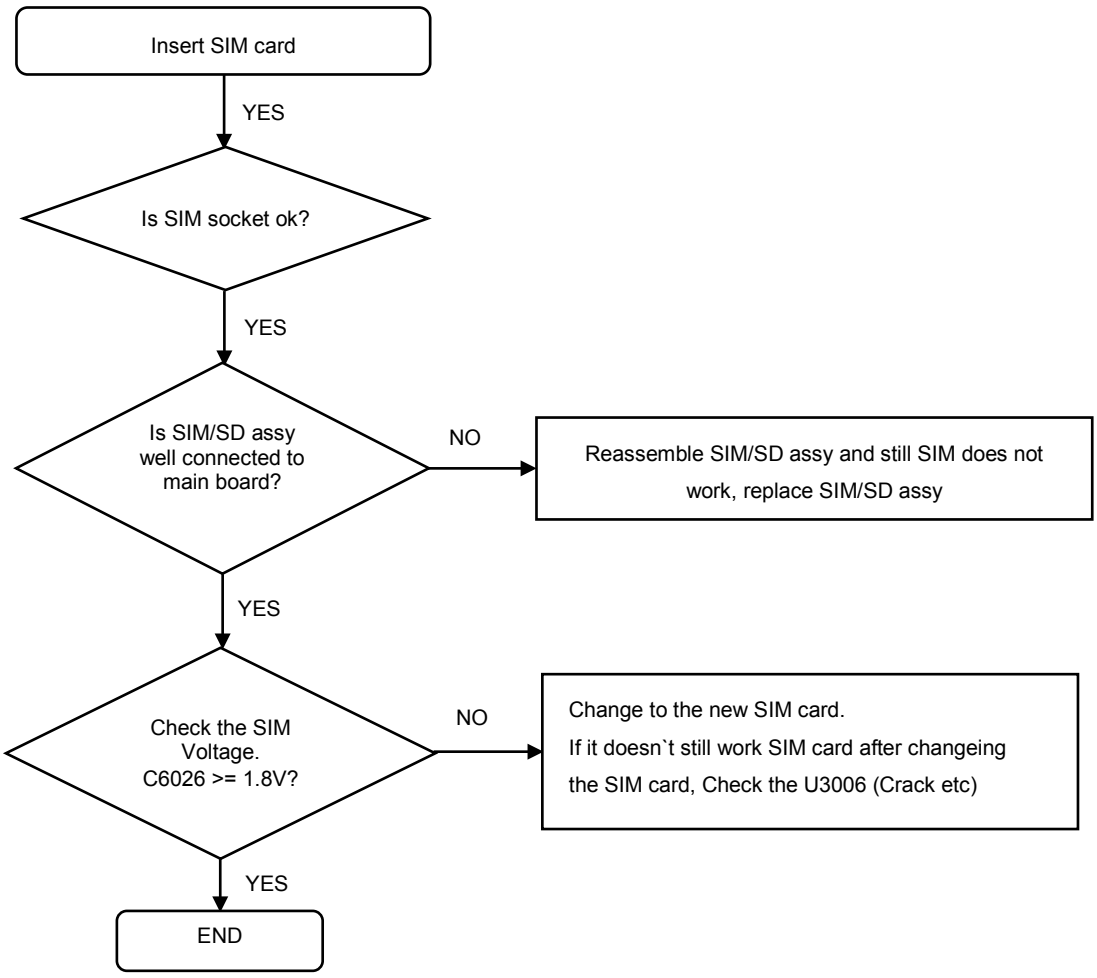
8-4-4. Sim Part



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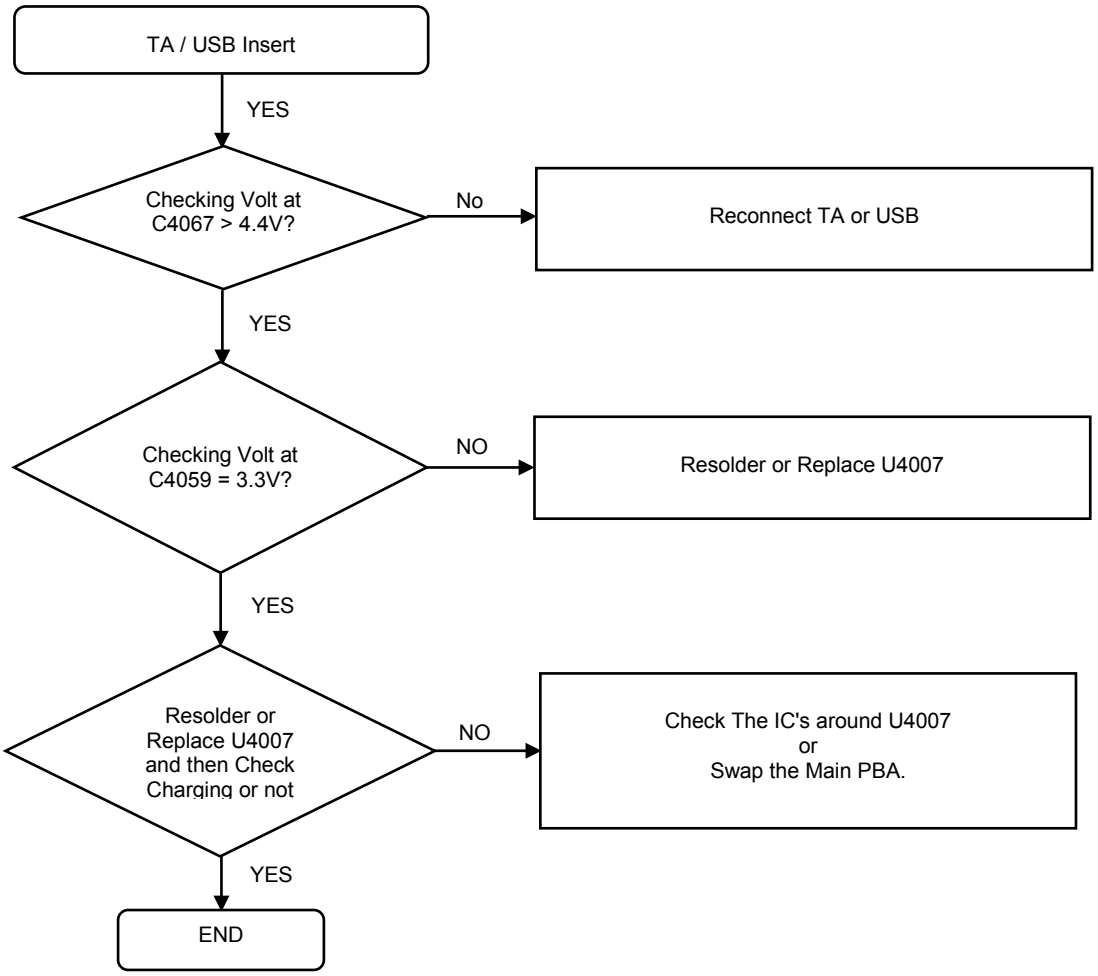
8-4-5. Charging Part

- First of all, Please check the battery status.



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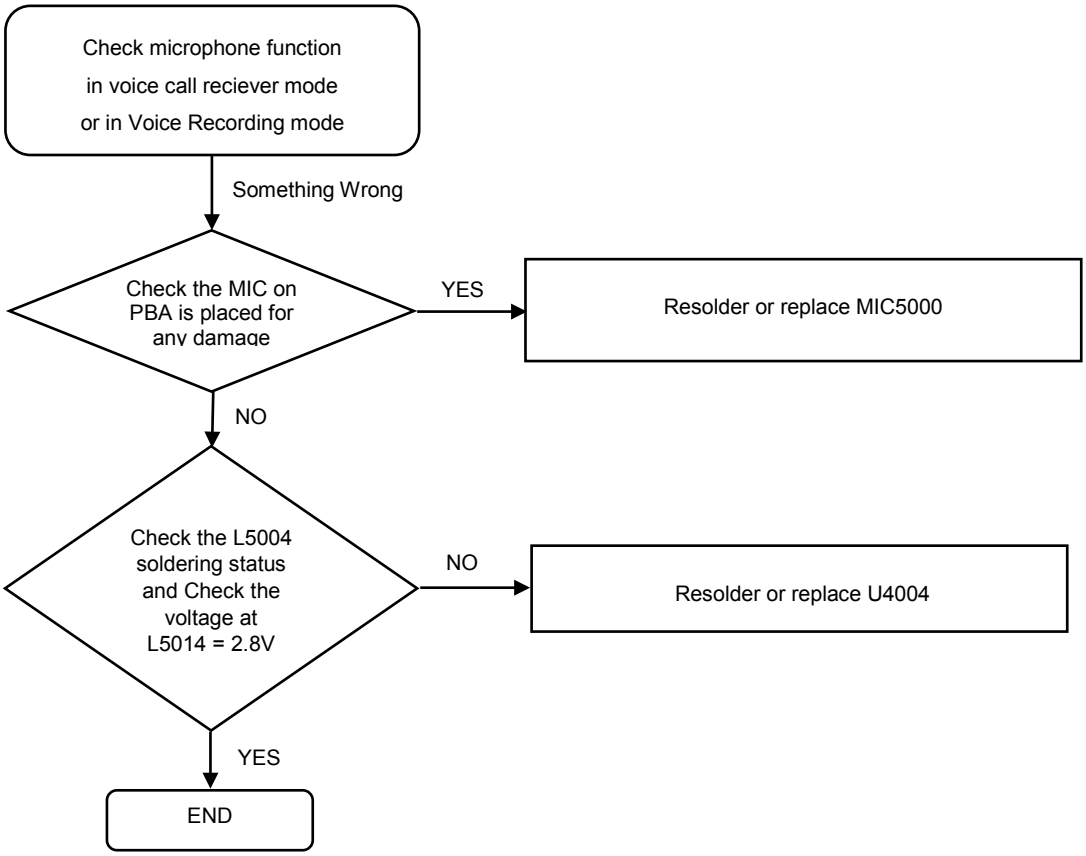
8-4-6. Microphone Part



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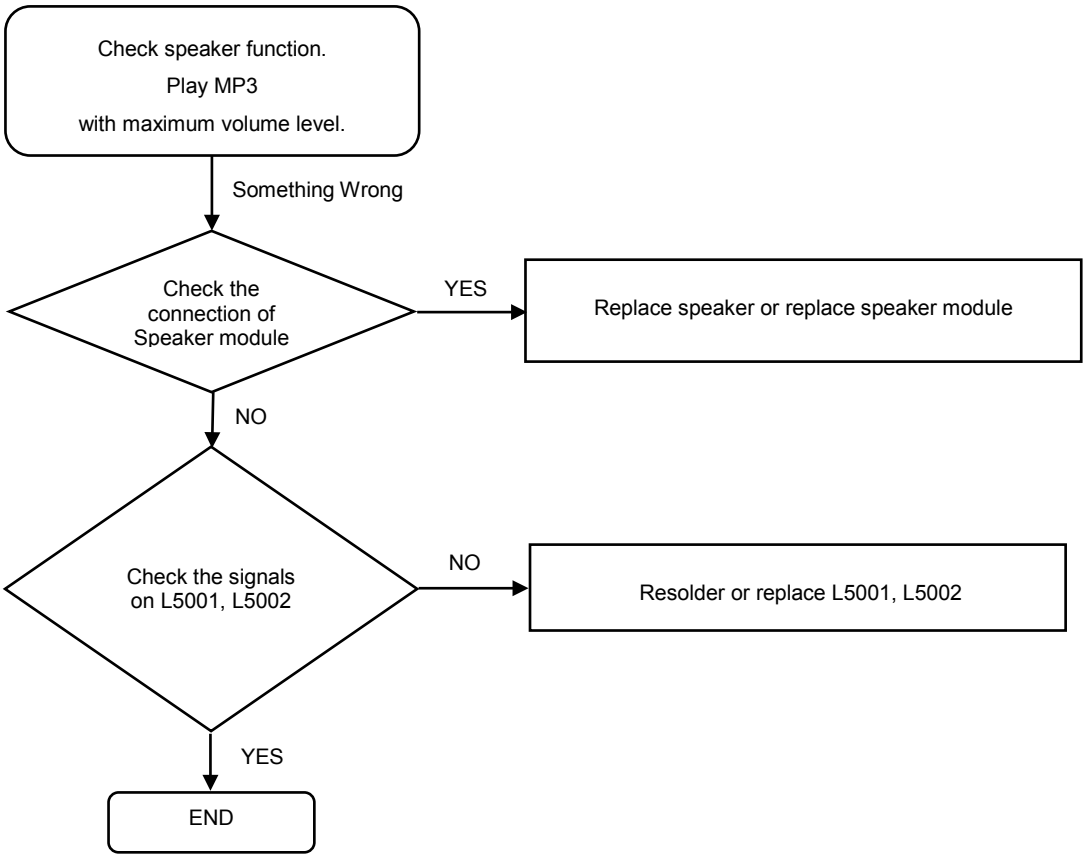
8-4-7. Speaker Part



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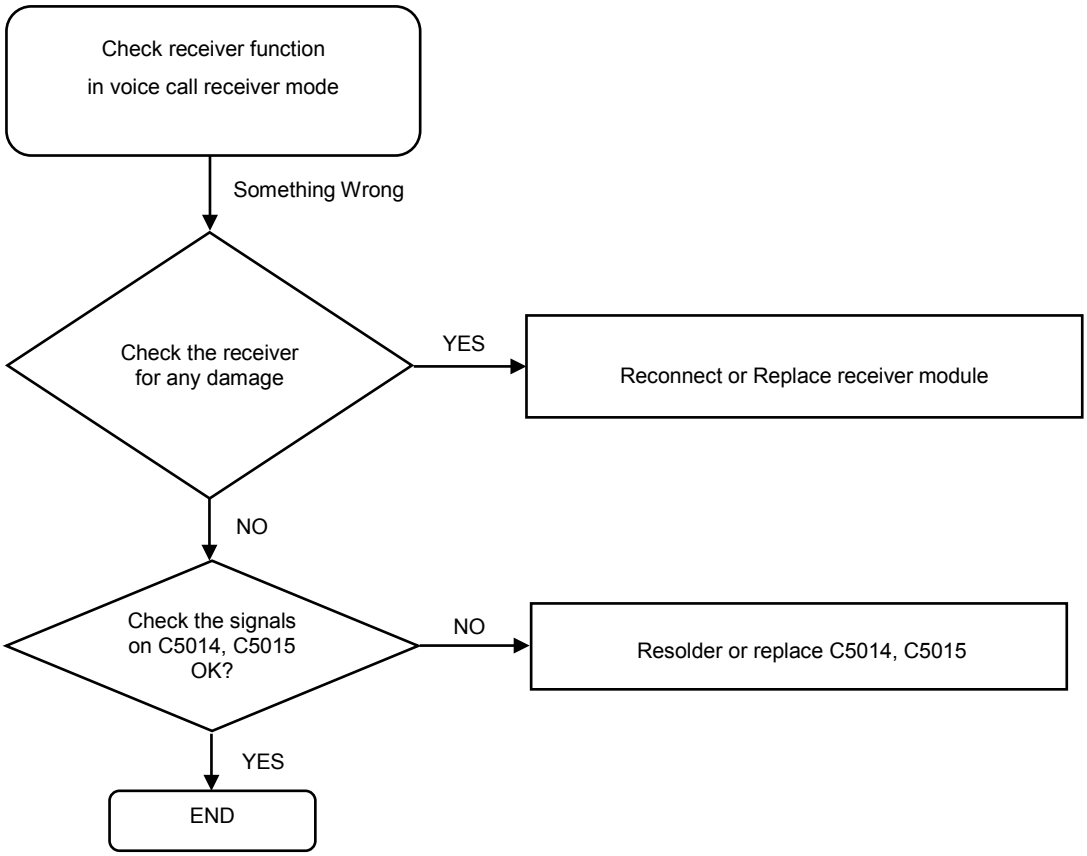
8-4-8. Receiver Part



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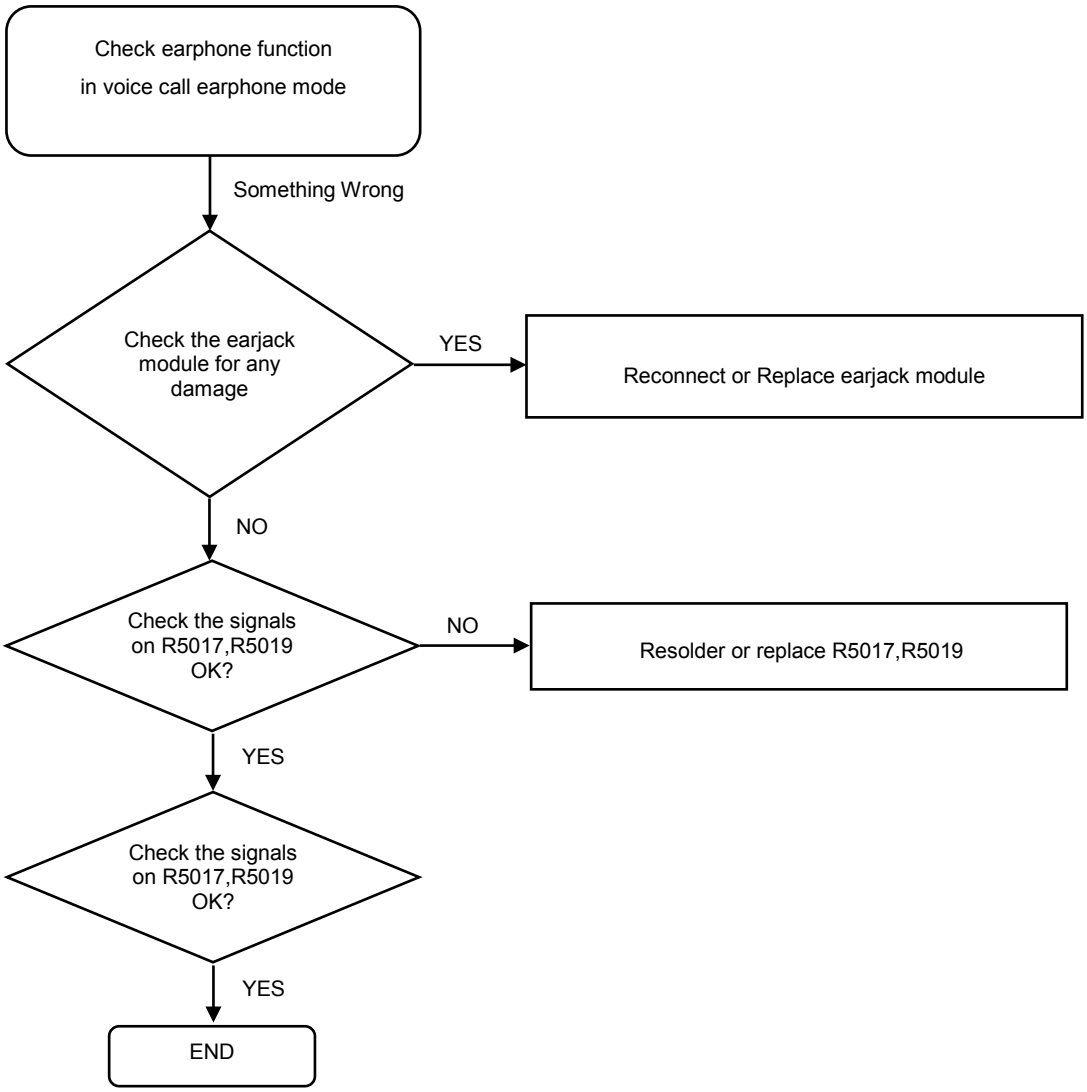
8-4-9.Earphone Part



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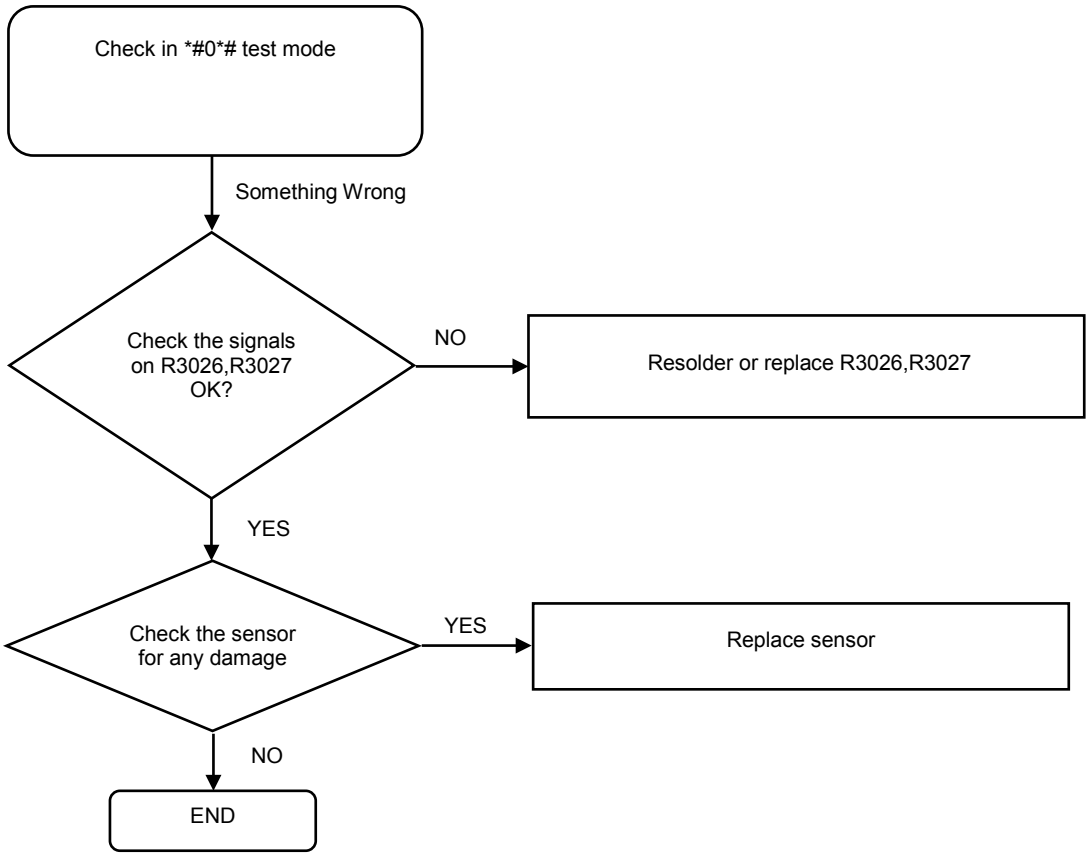
8-4-10. ACCEL SENSOR Part



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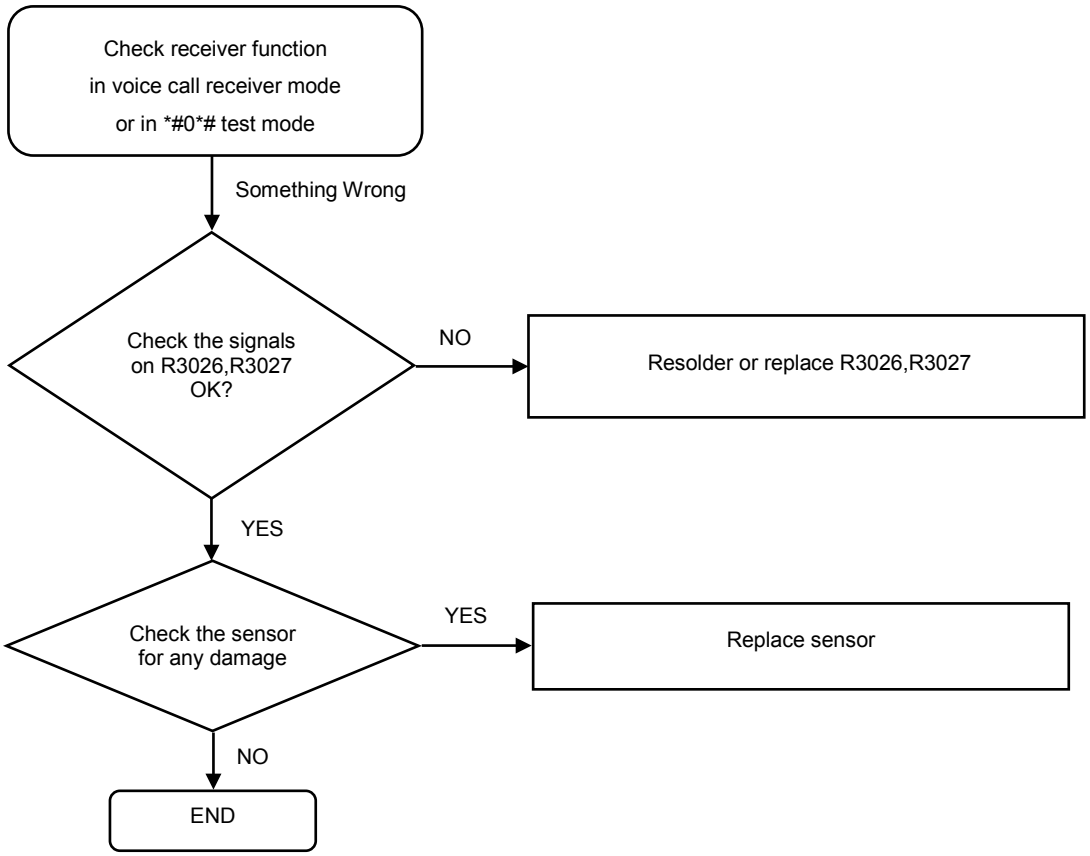
8-4-11. Proxi Sensor Part



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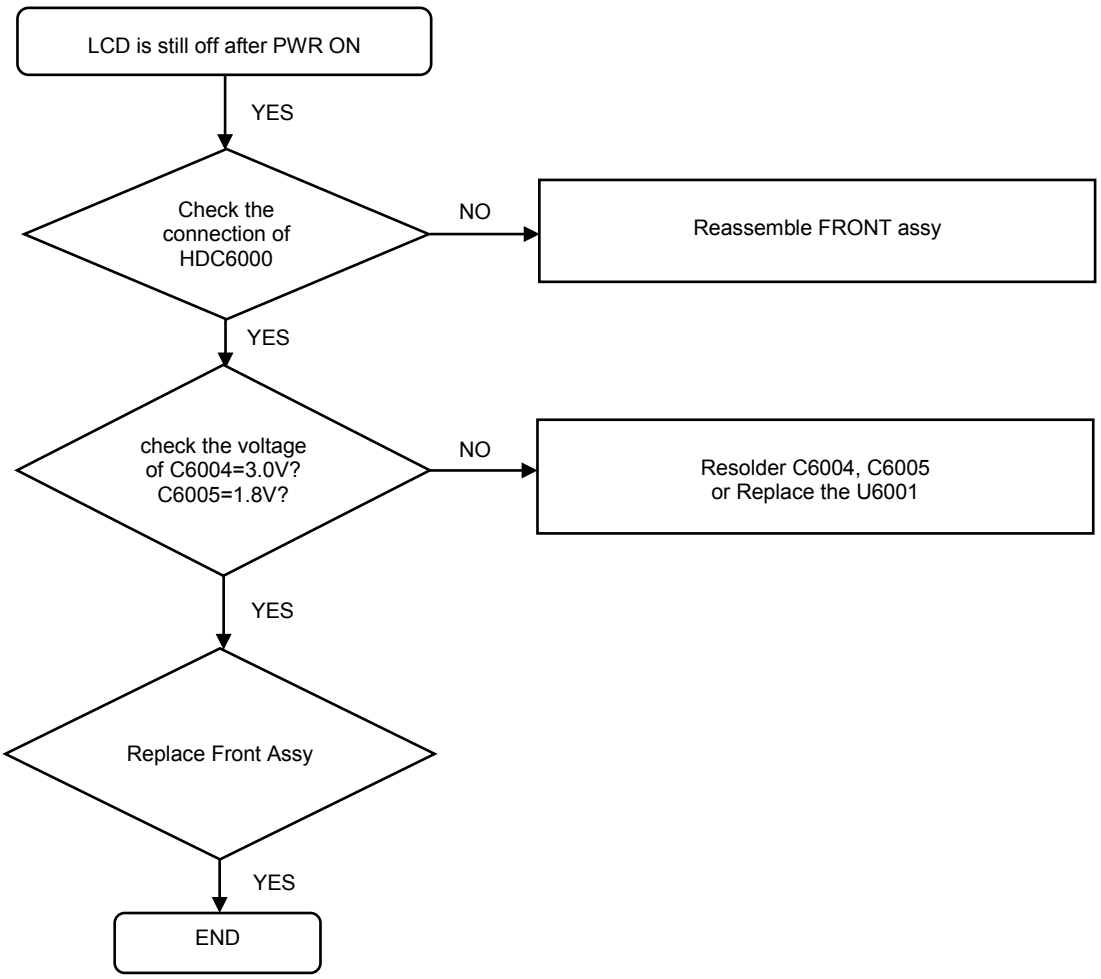
8-4-12. LCD



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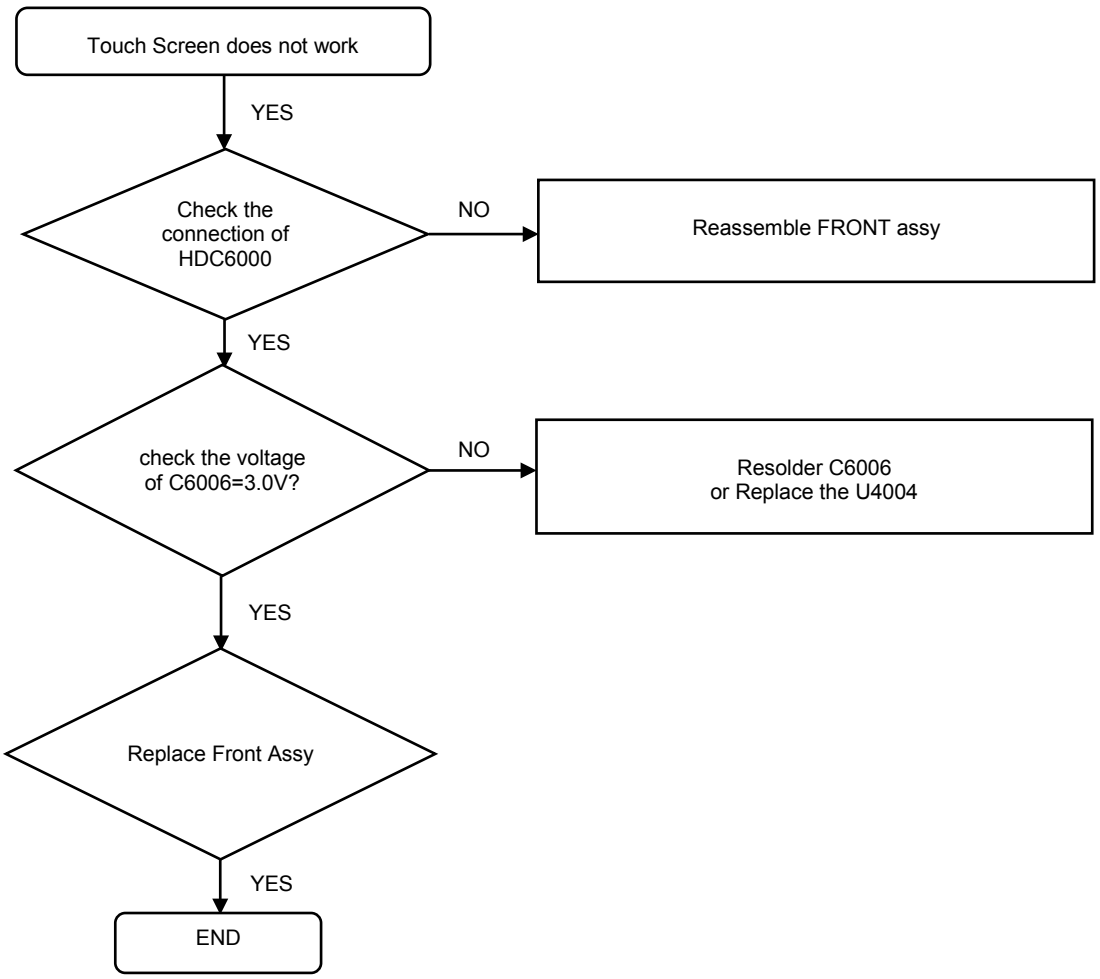
8-4-13. TSP



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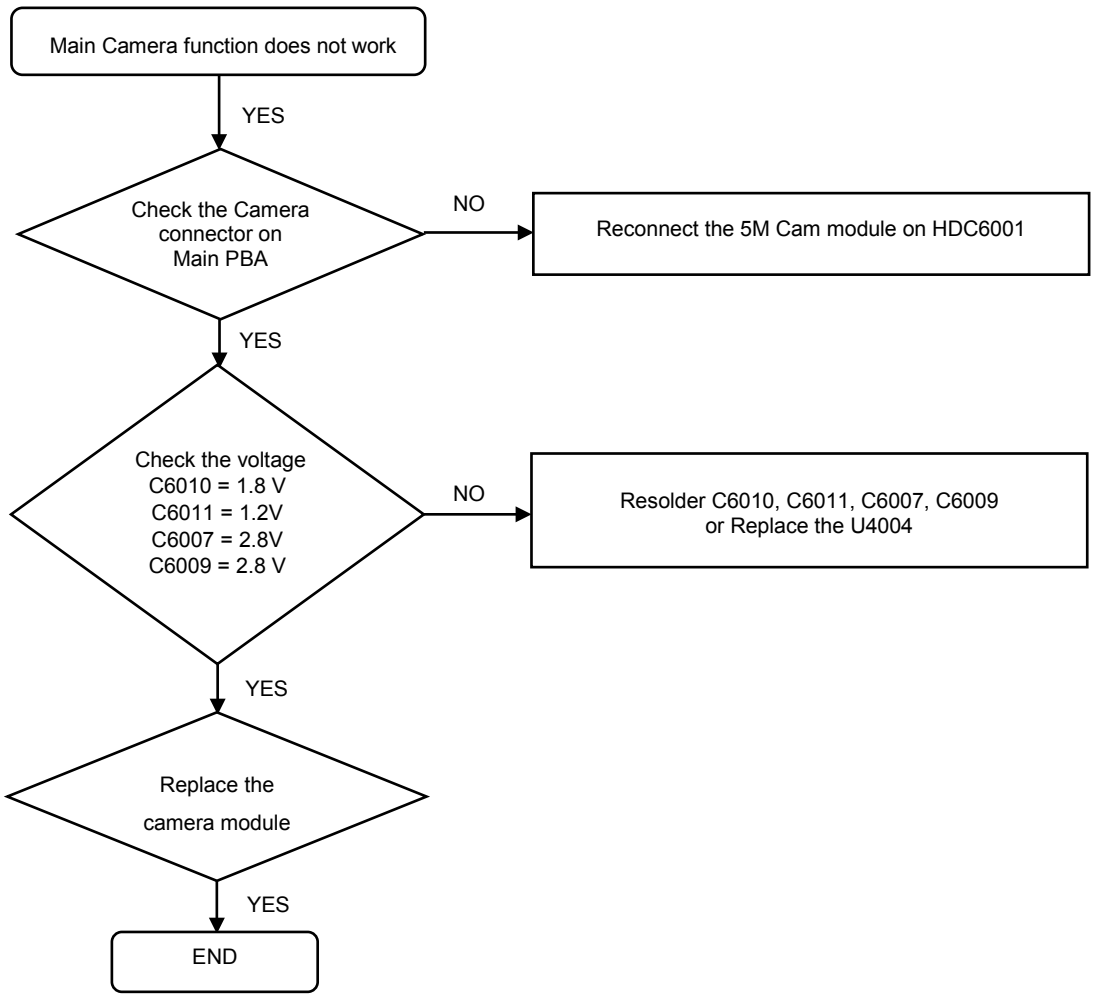
8-4-14. 8M CAMERA



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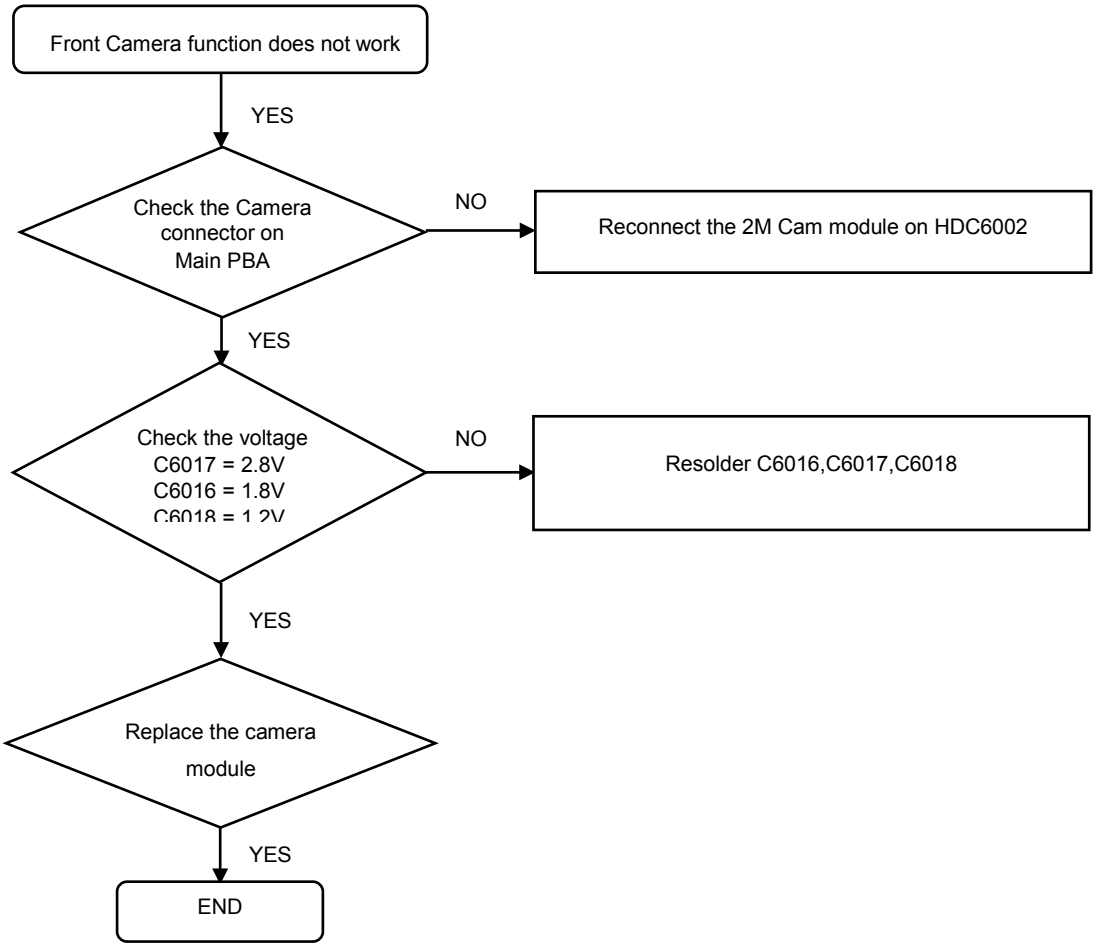
8-4-15. 5M CAMERA



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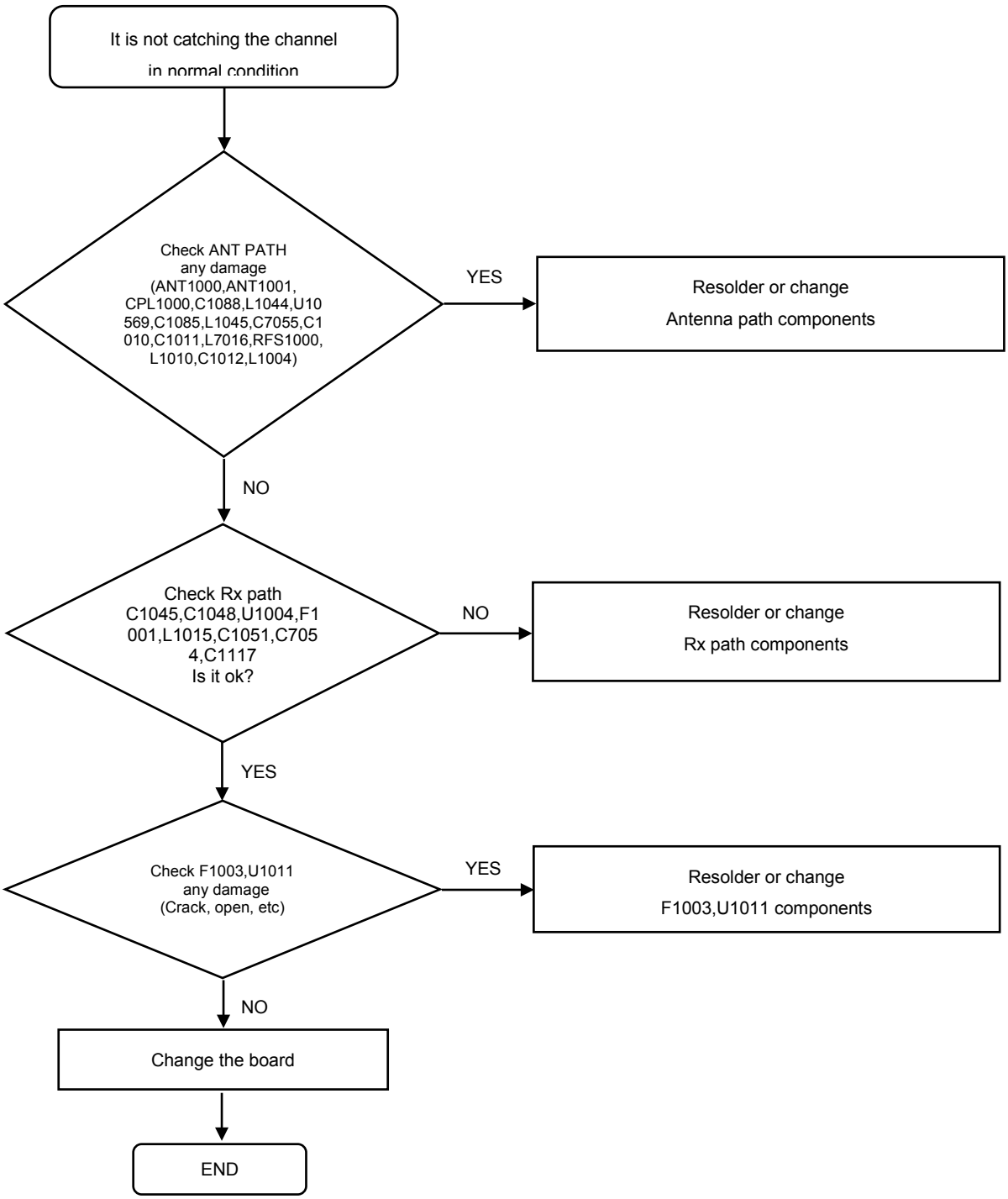
8-4-16. GSM 850,900 / WCDMA 850,900 / LTE B5,8 RX



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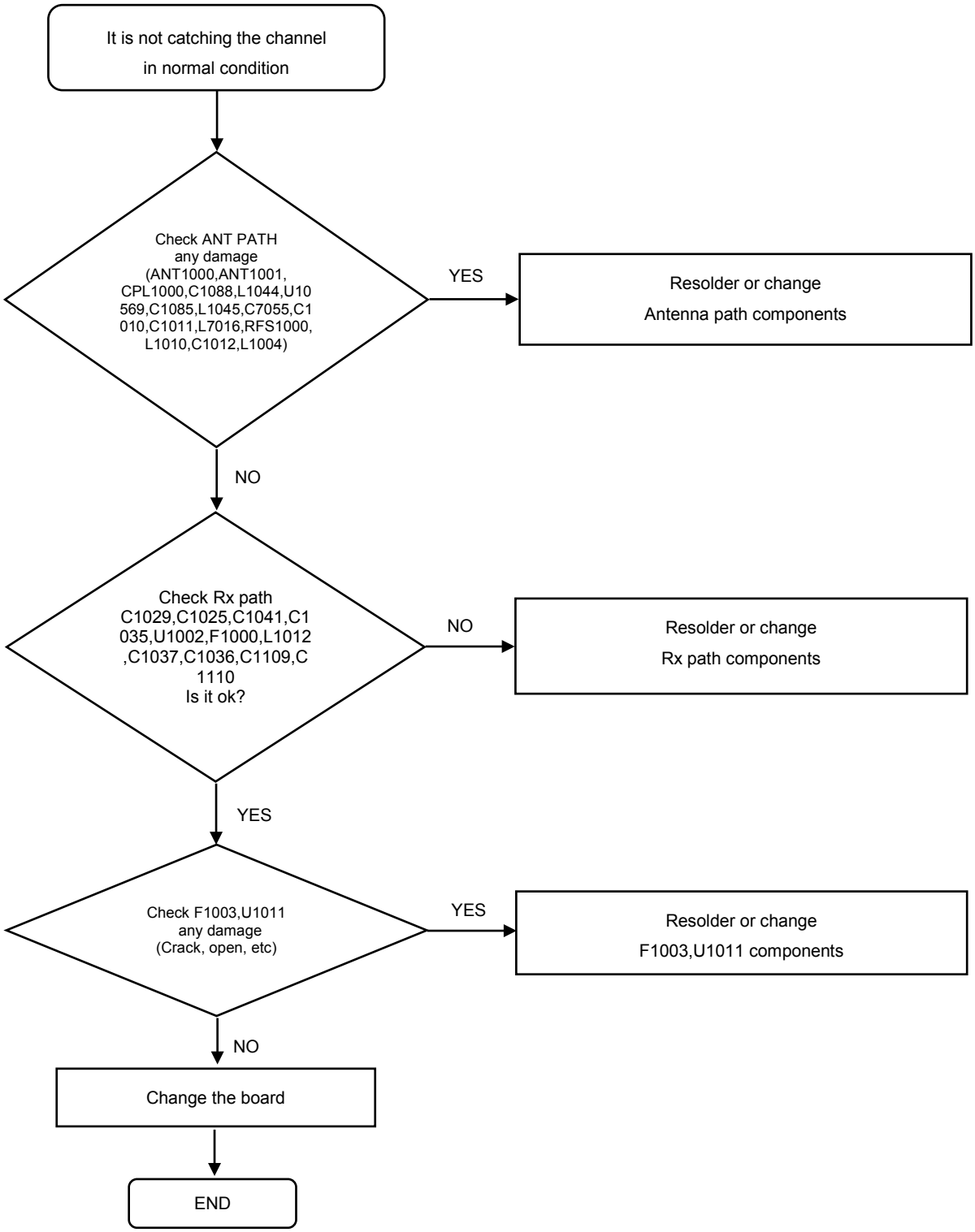
8-4-17. GSM 1800, 1900 / WCDMA 1900 / LTE B3 RX



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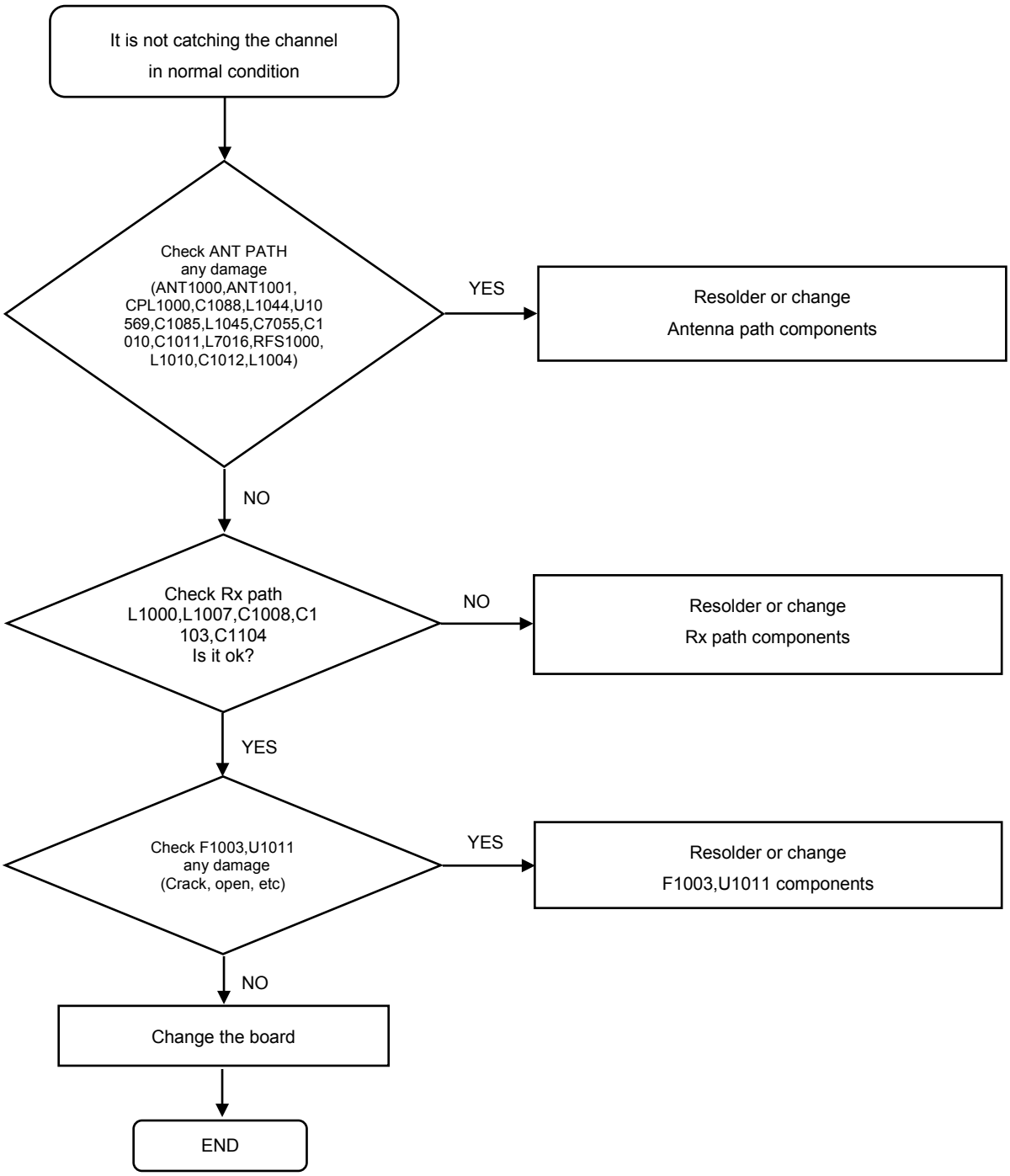
8-4-18. WCDMA 2100 / LTE B1 RX



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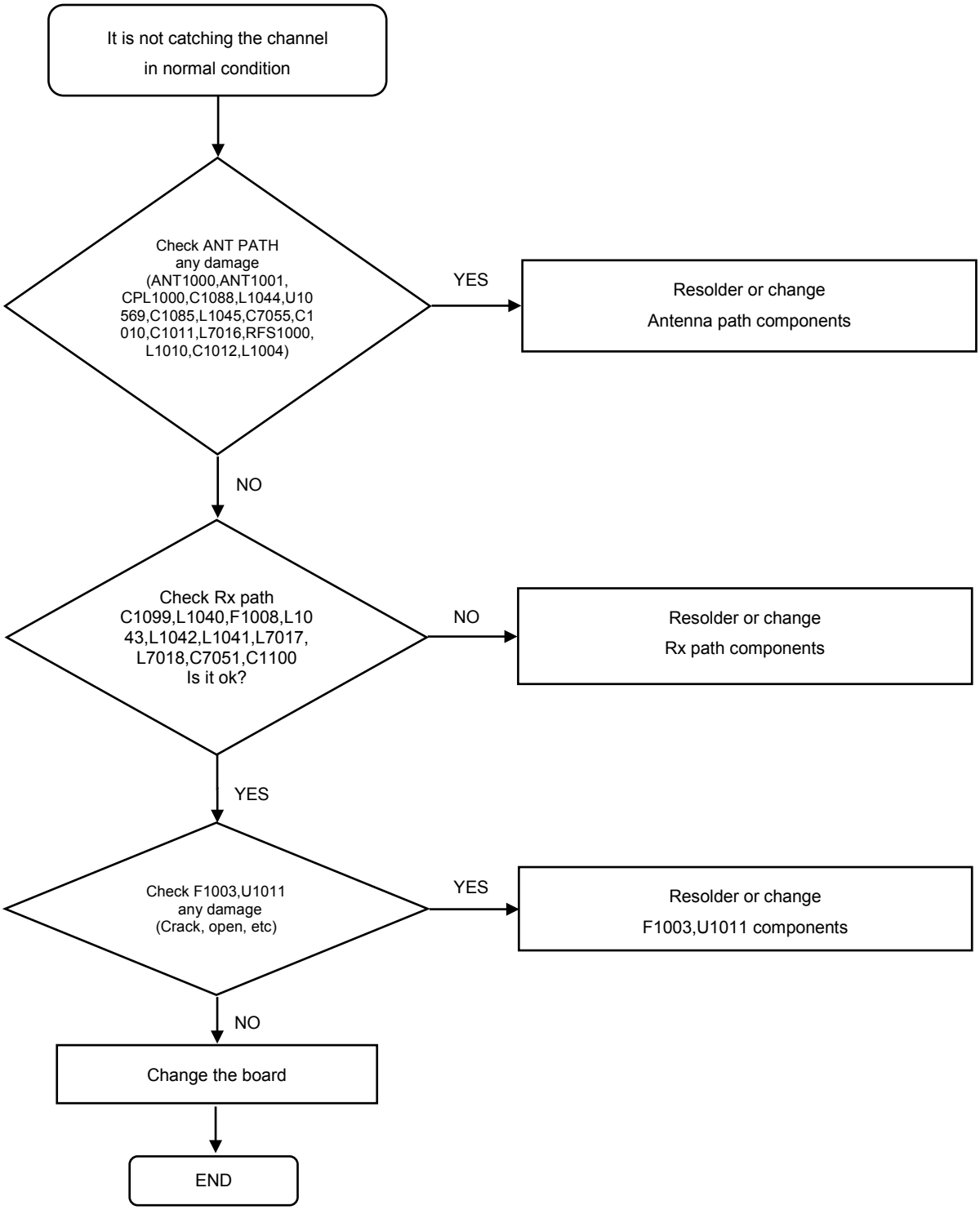
8-4-19. LTE B7 RX



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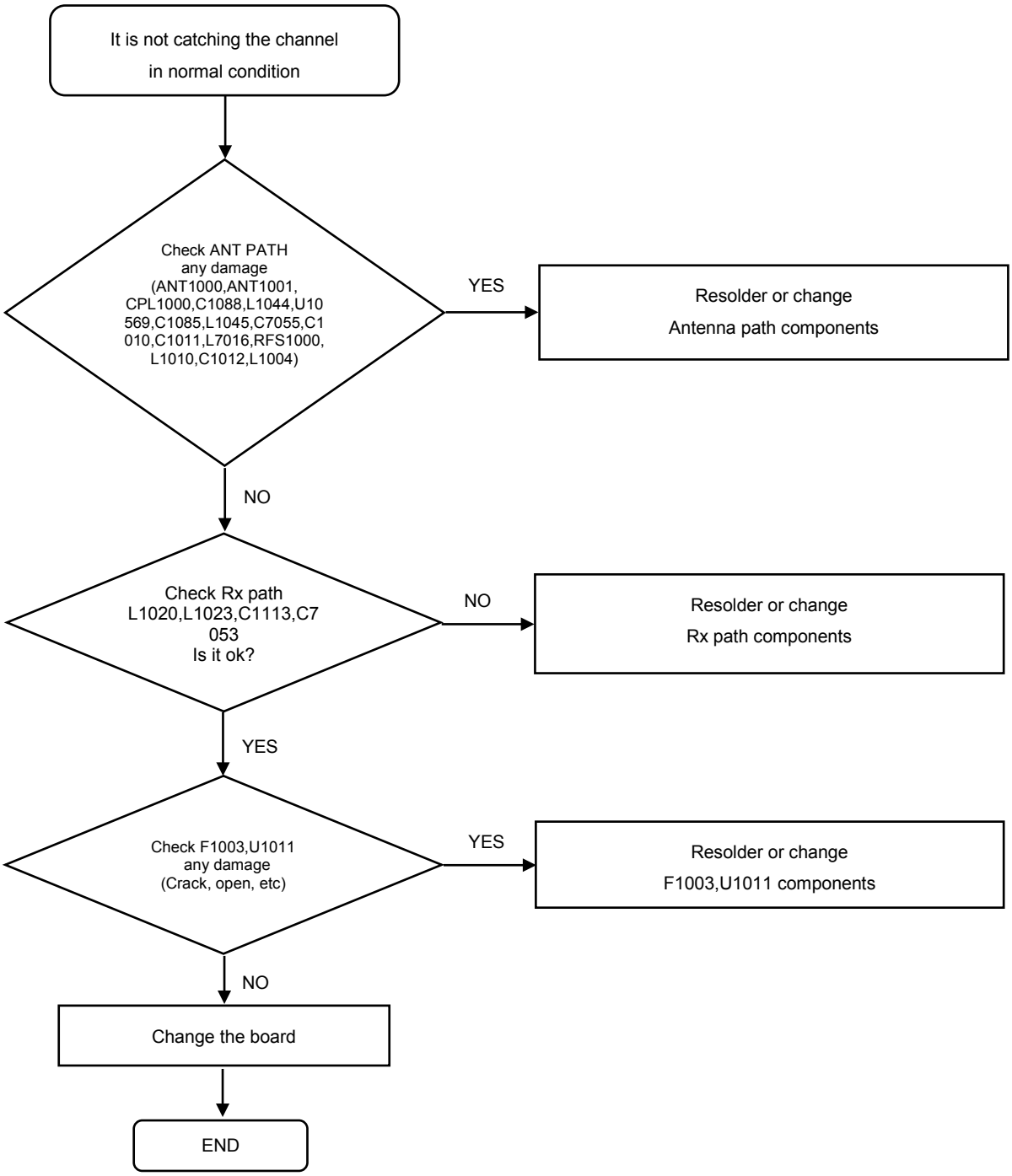
8-4-20. LTE B20 RX



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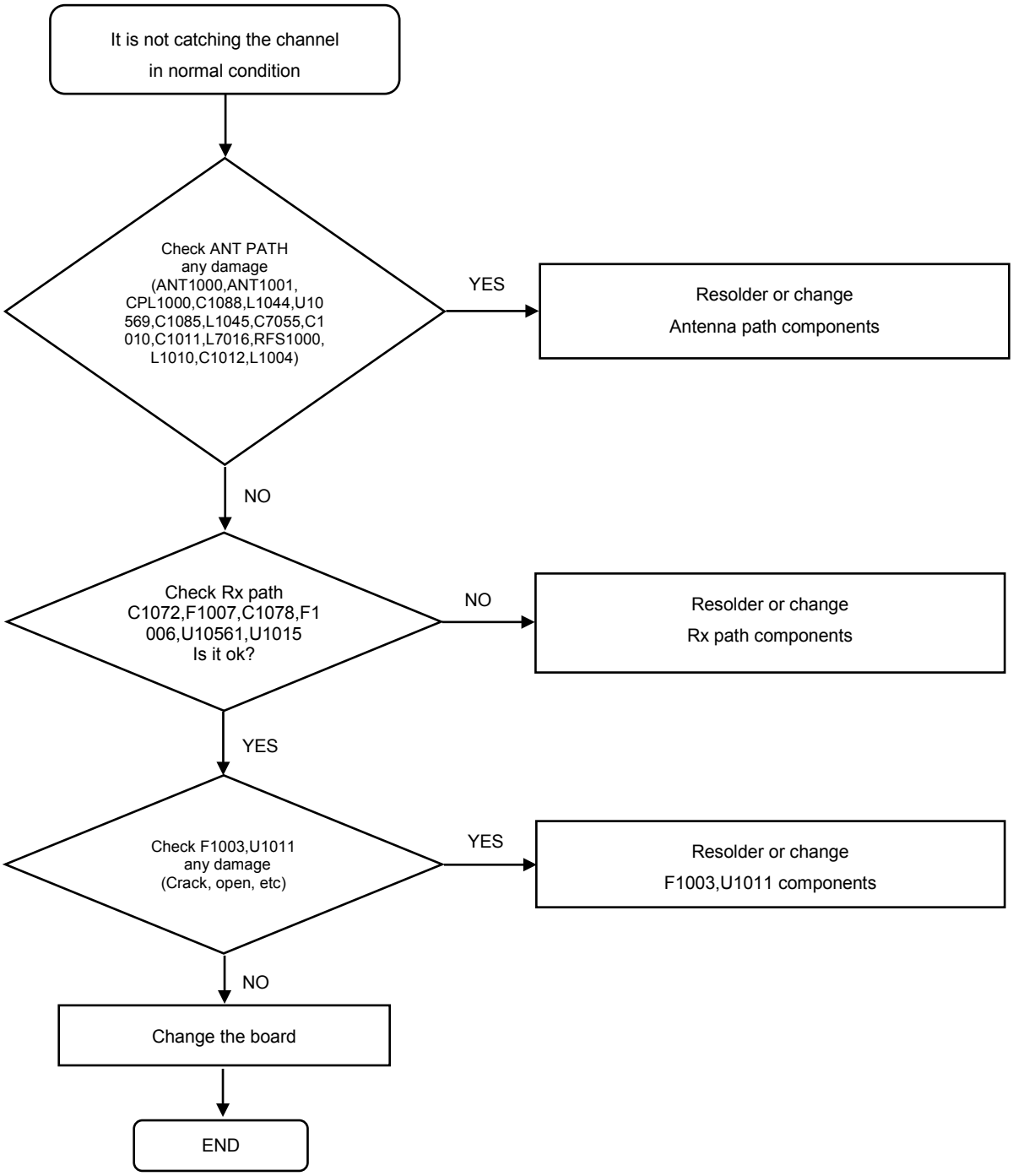
8-4-21. LTE B28 RX



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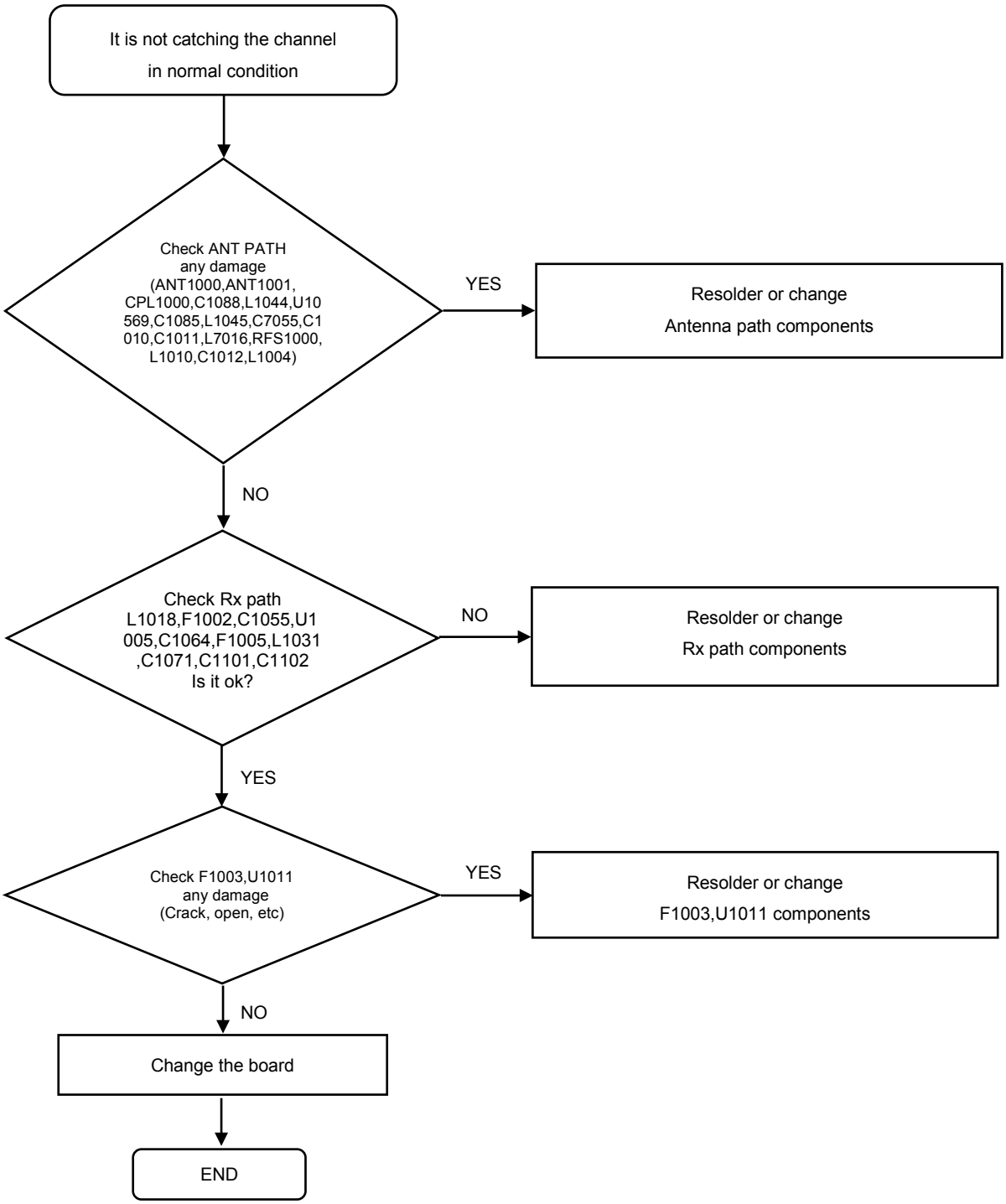
8-4-22. LTE B38 RX



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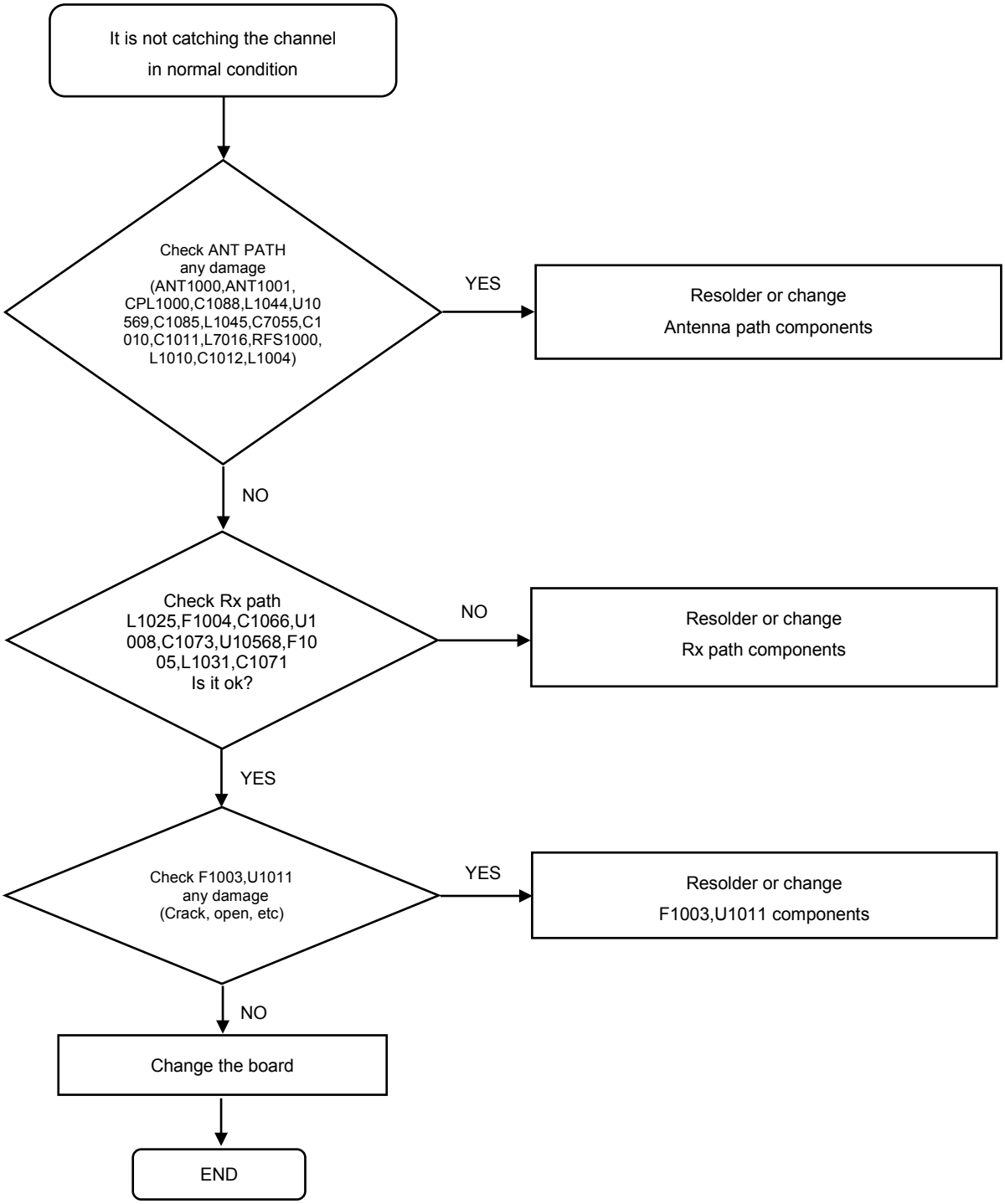
8-4-23. LTE B40 RX



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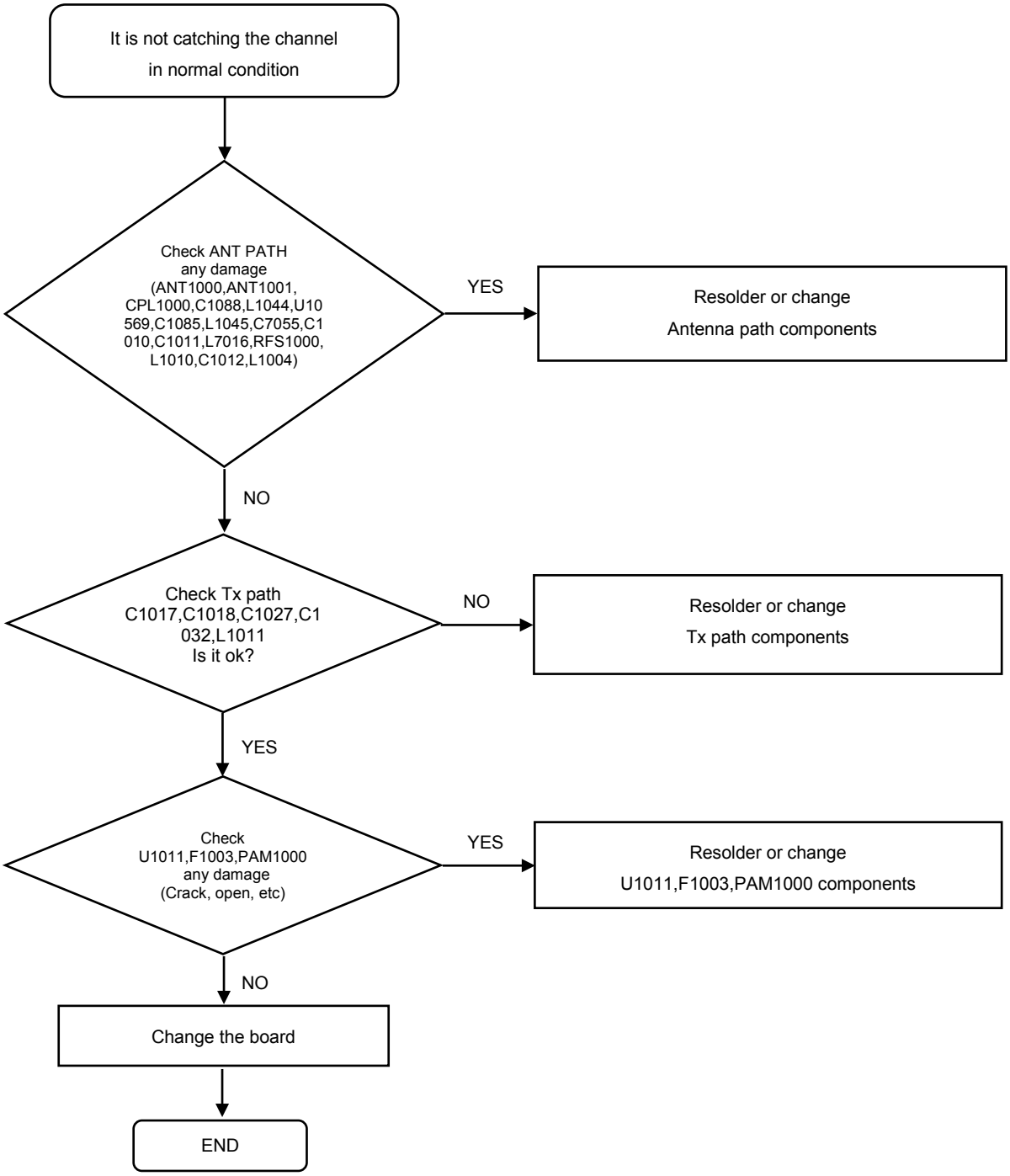
8-4-24. GSM850/GSM900 TX



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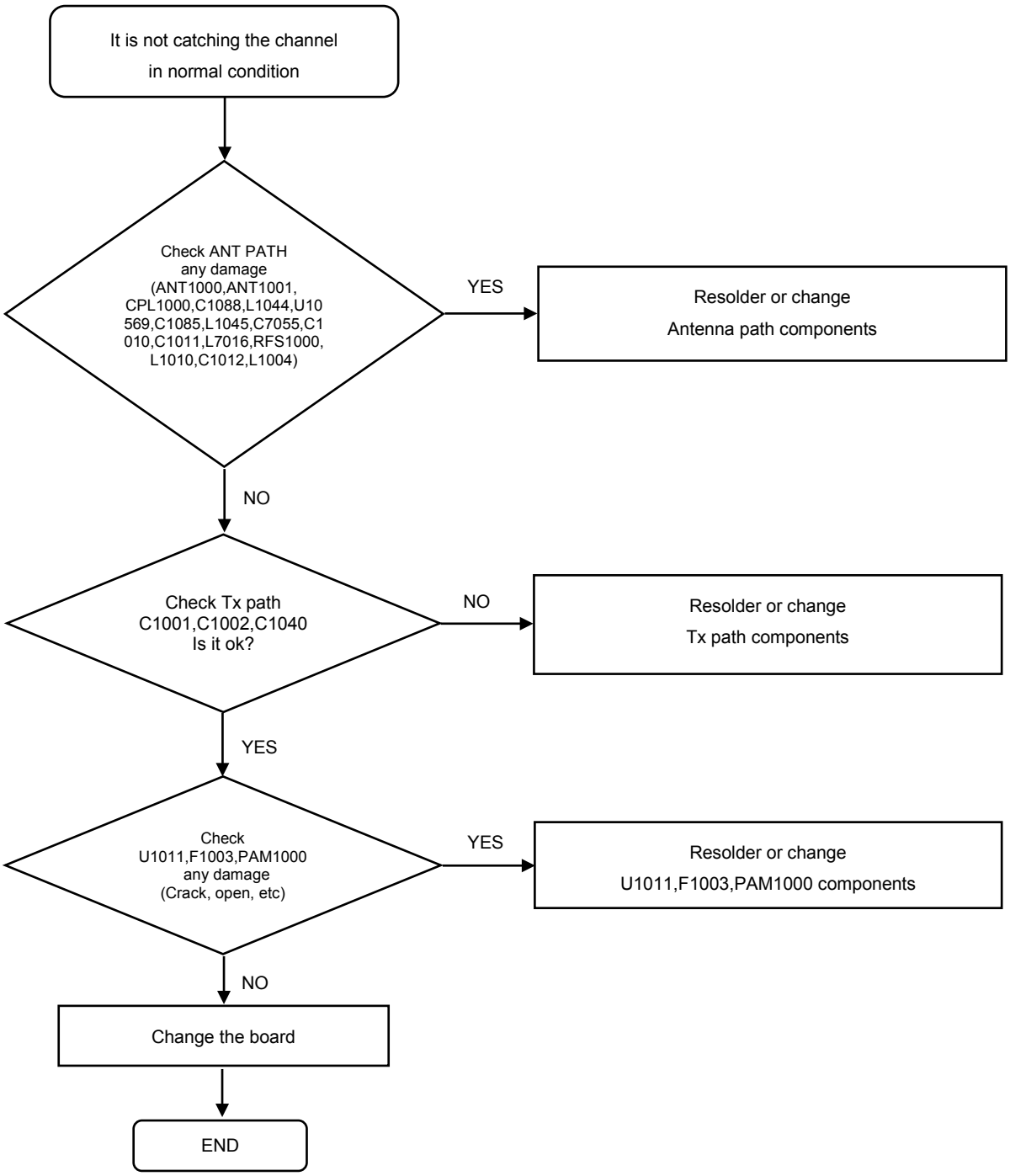
8-4-25. GSM1800/GSM1900 TX



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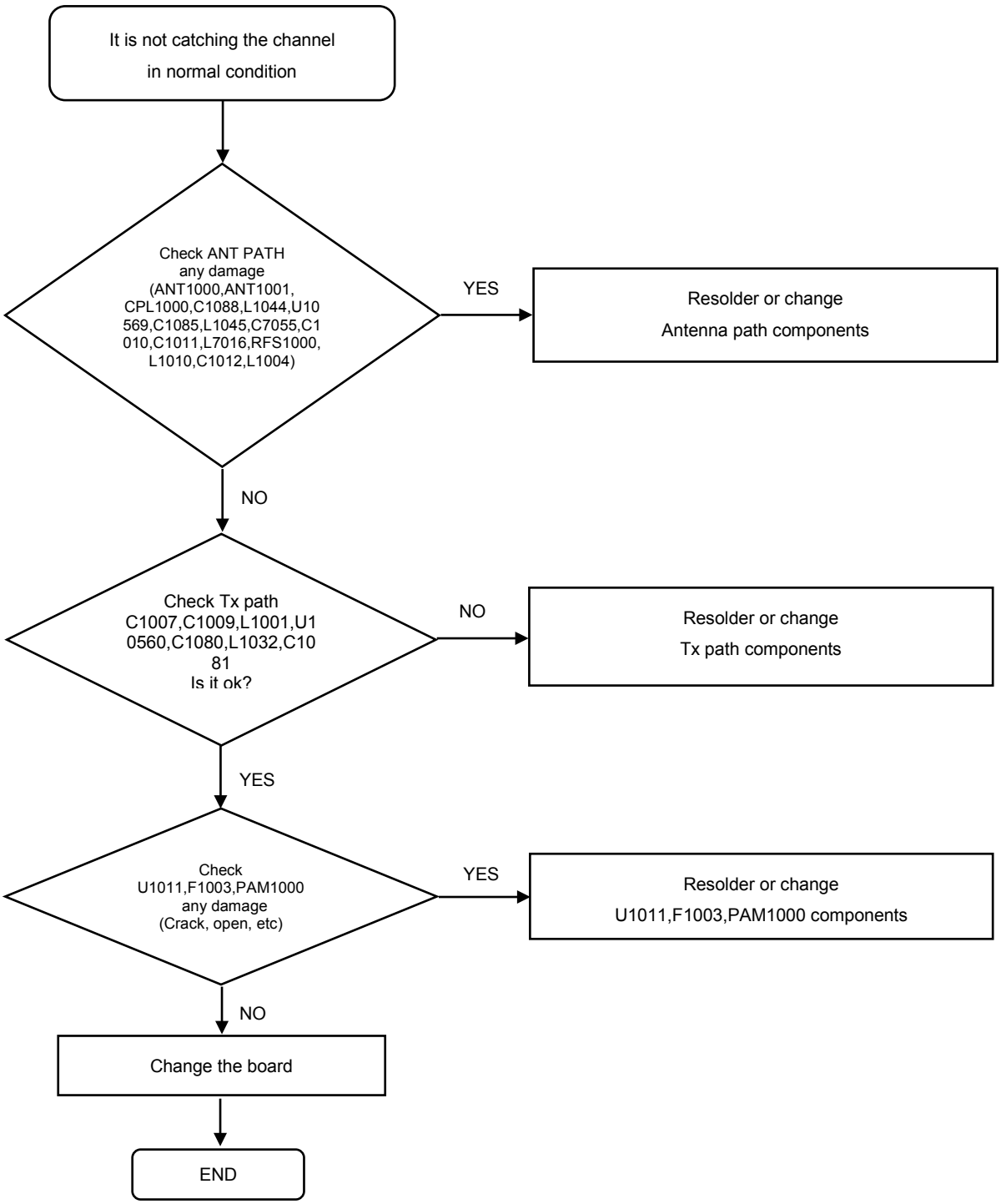
8-4-26. WCDMA2100/LTE B1 TX



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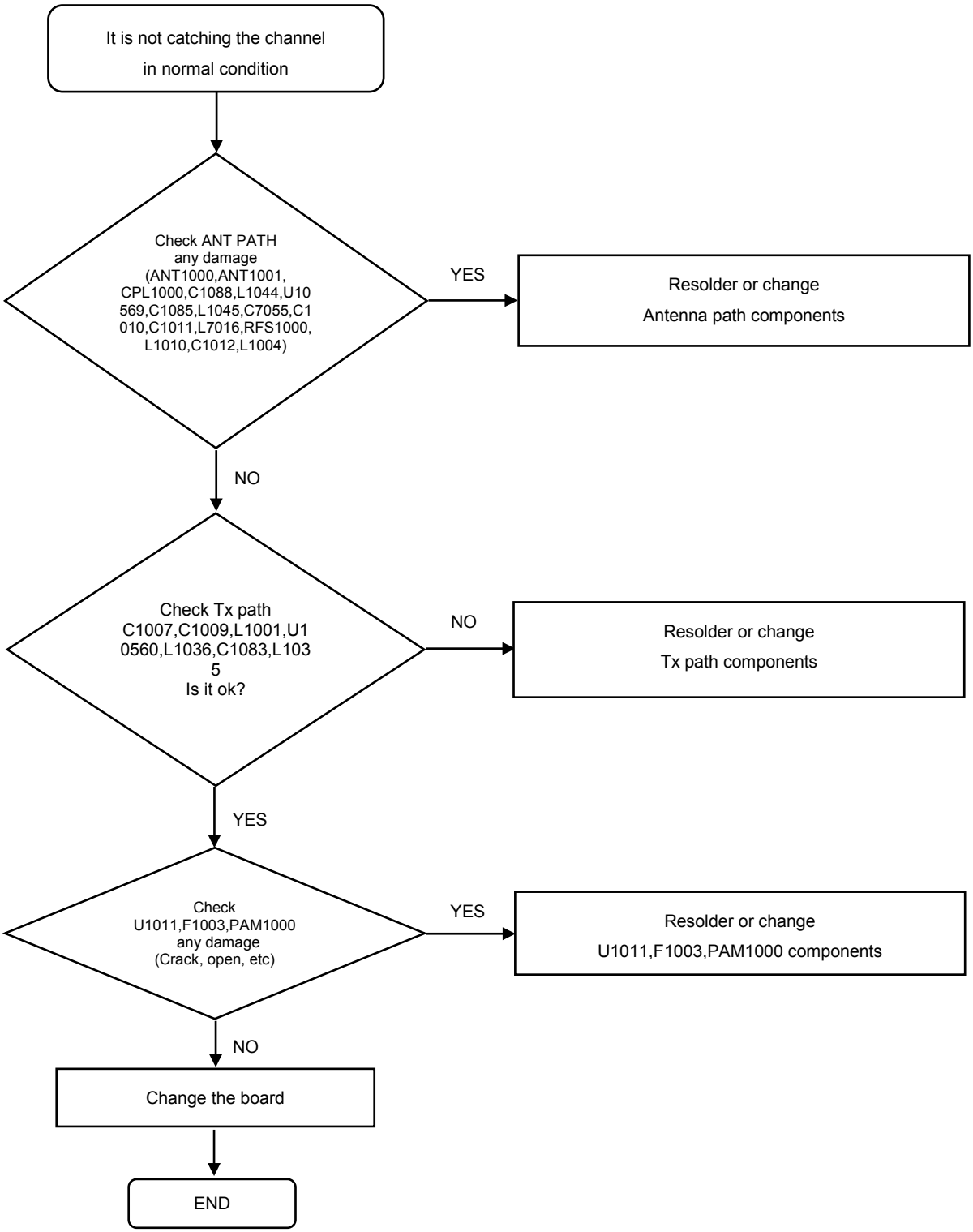
8-4-27. WCDMA1900 TX



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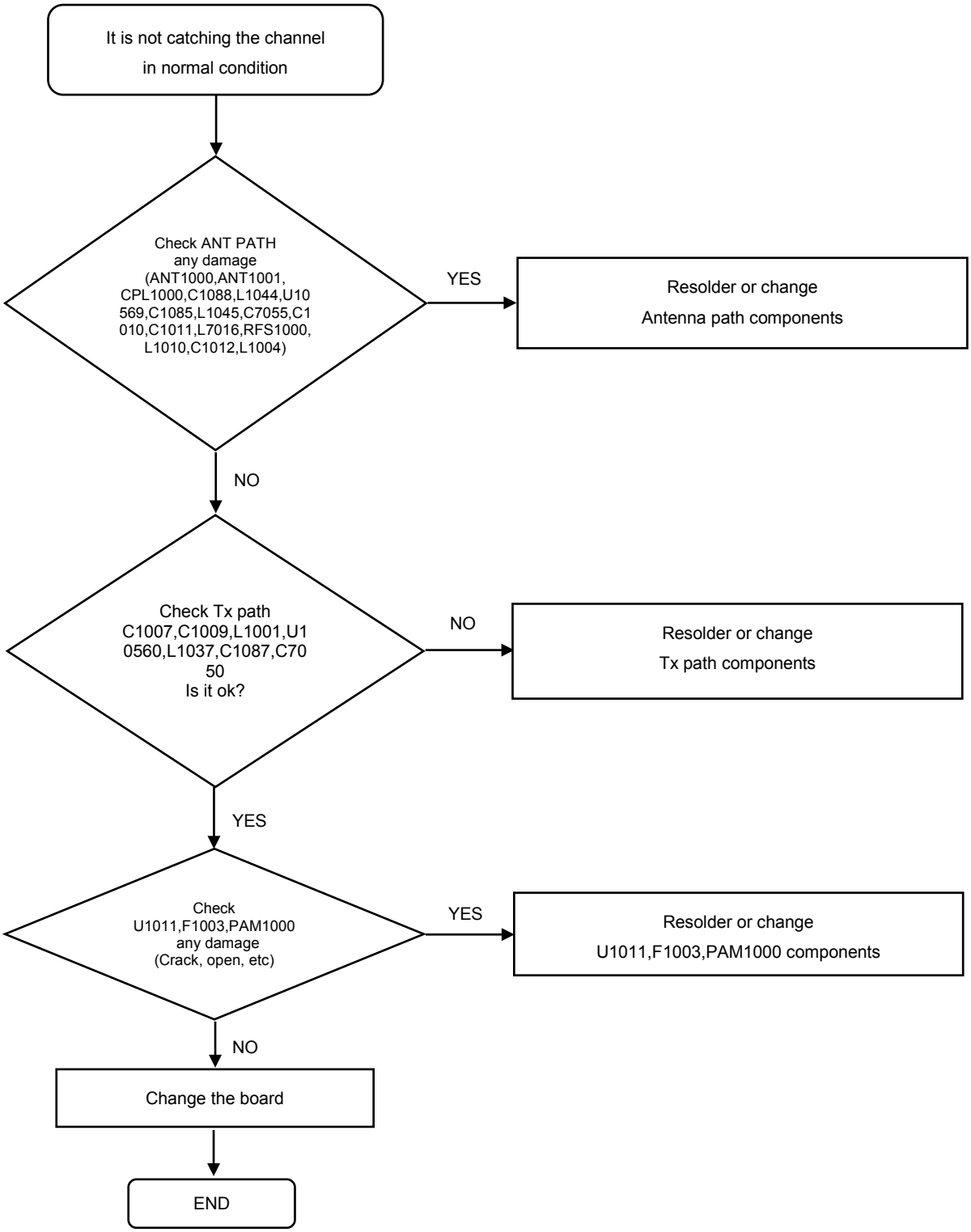
8-4-28. LTE B3 TX



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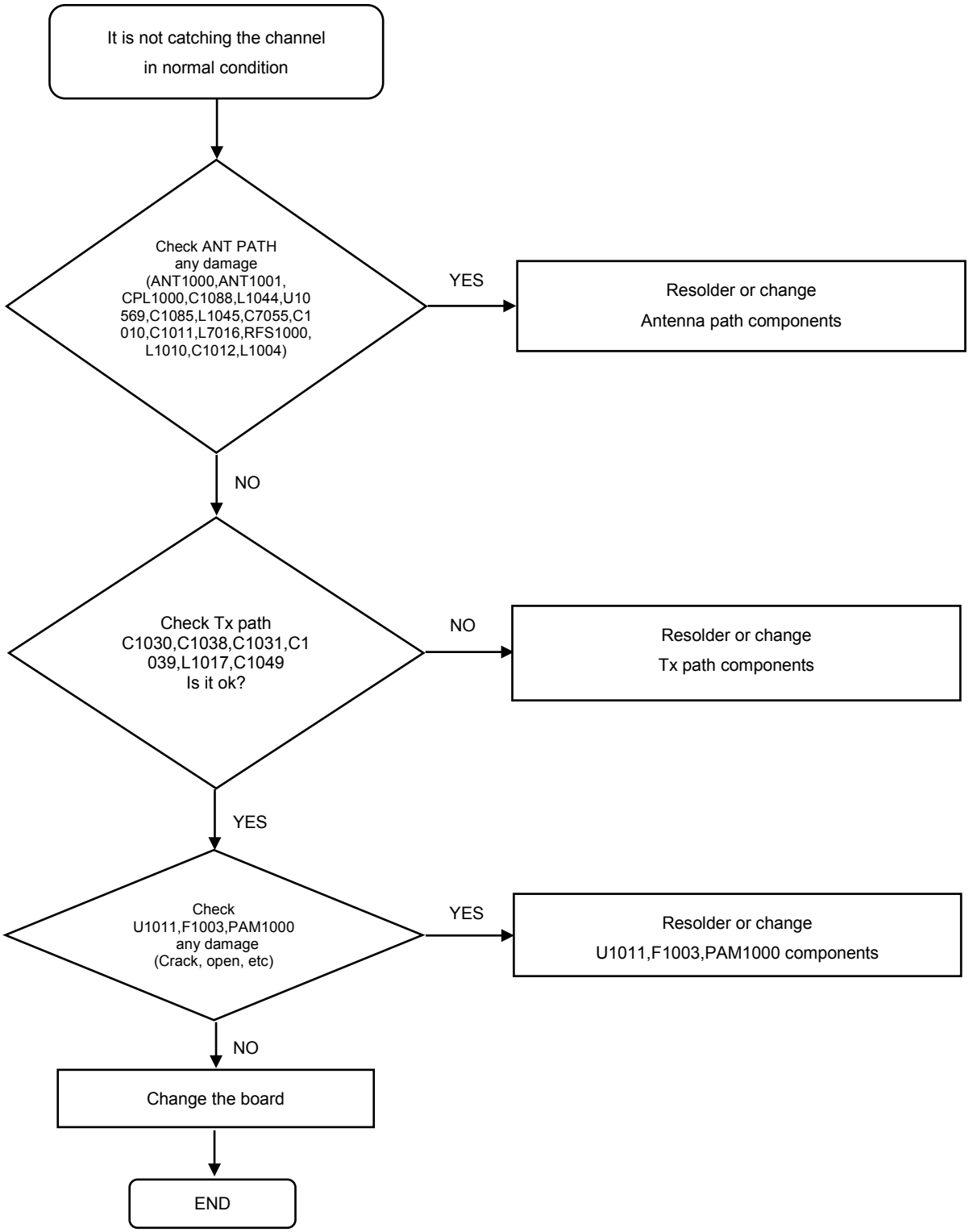
8-4-29. WCDMA850/LTE B5 TX



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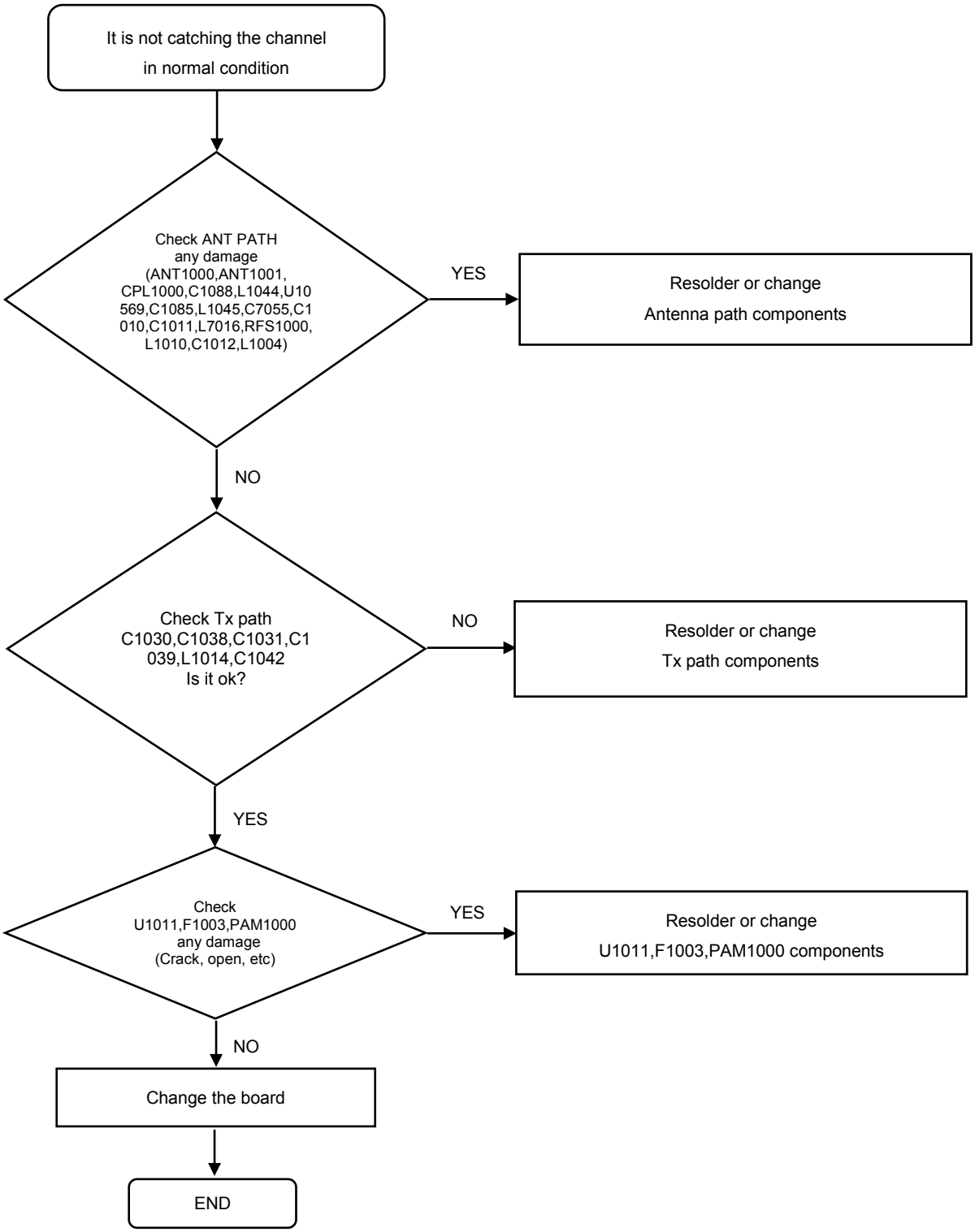
8-4-30. WCDMA900/LTE B8 TX



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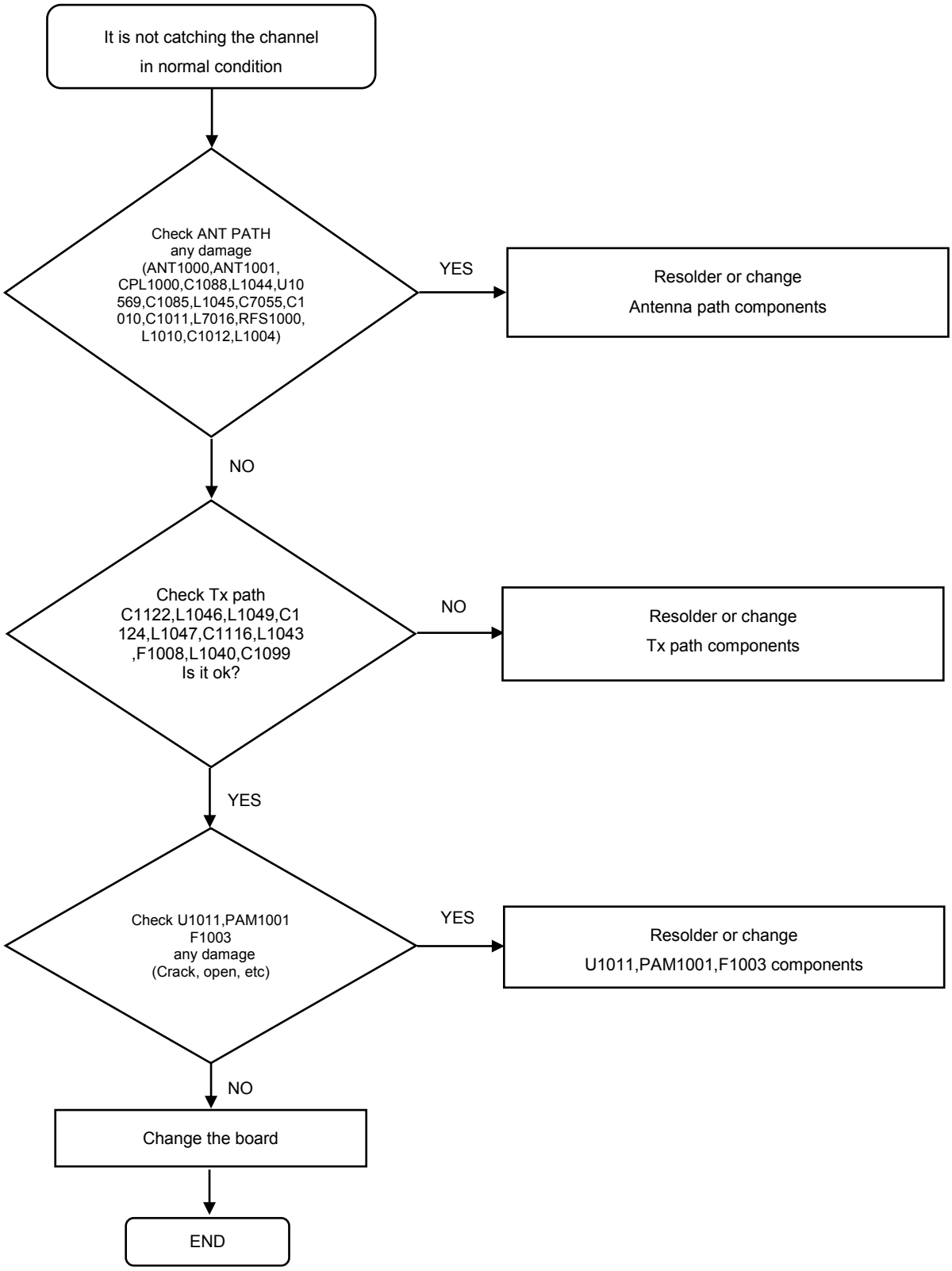
8-4-31. LTE B7 TX



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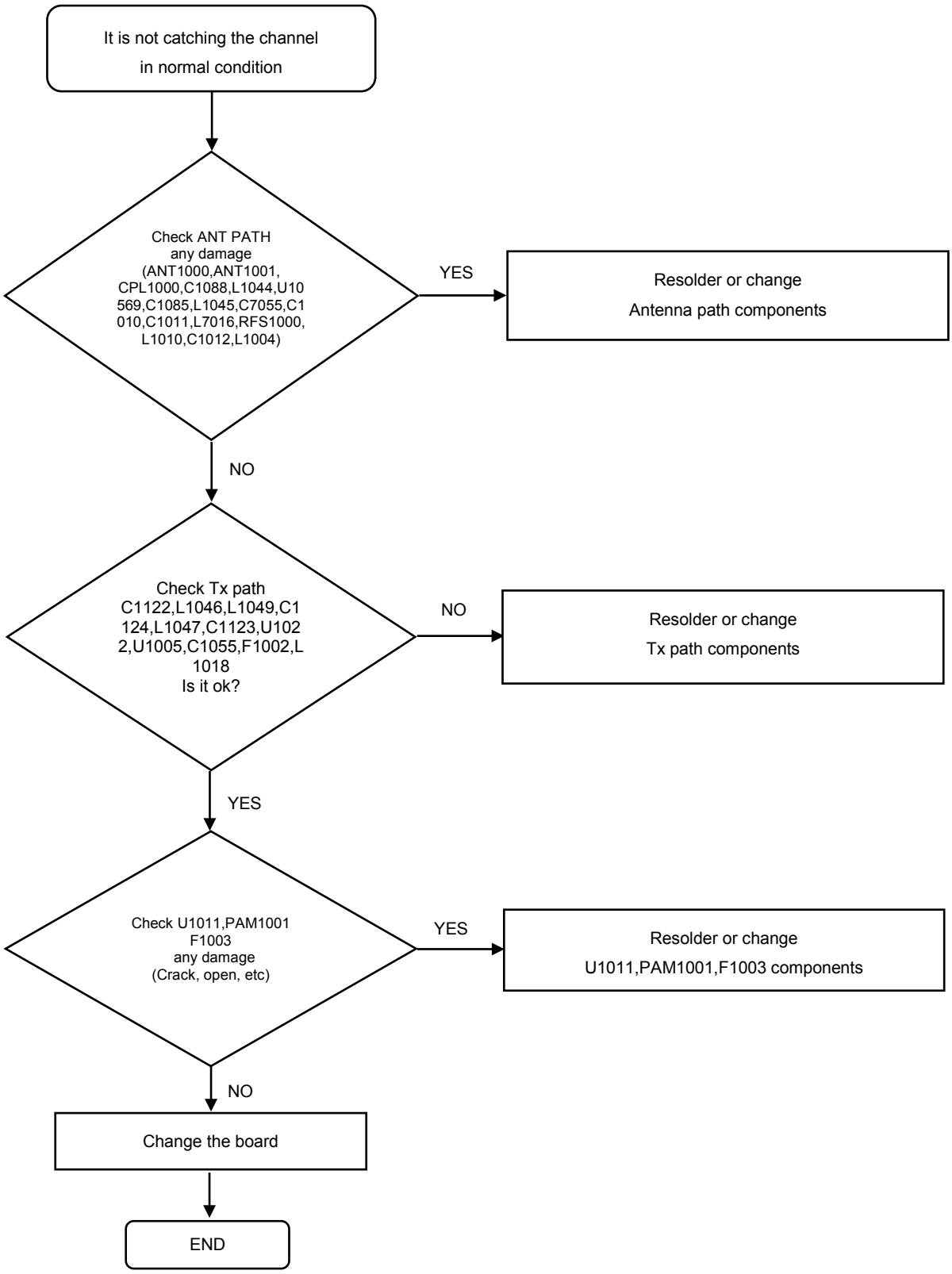
8-4-32. LTE B38 TX



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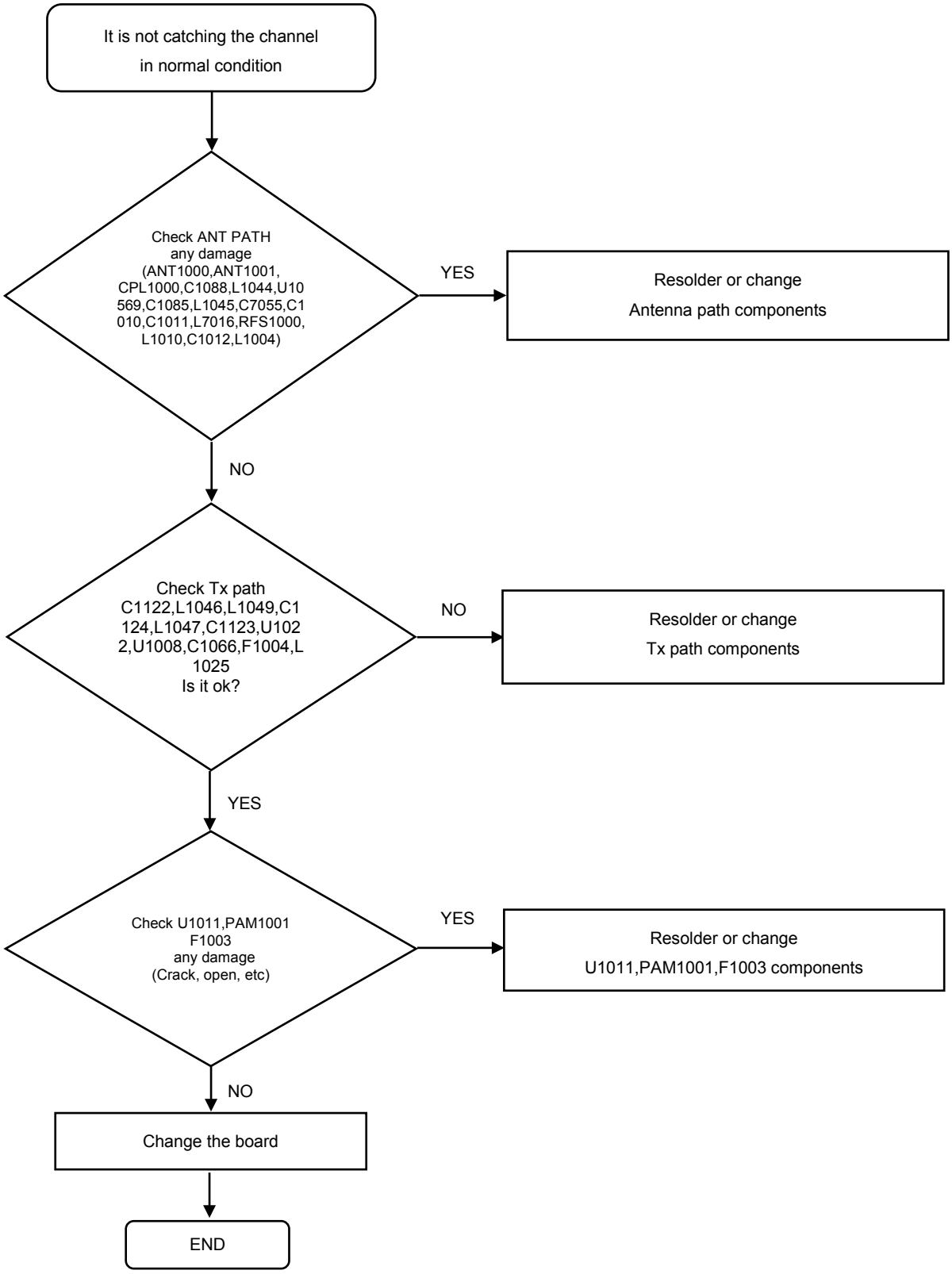
8-4-33. LTE B40 TX



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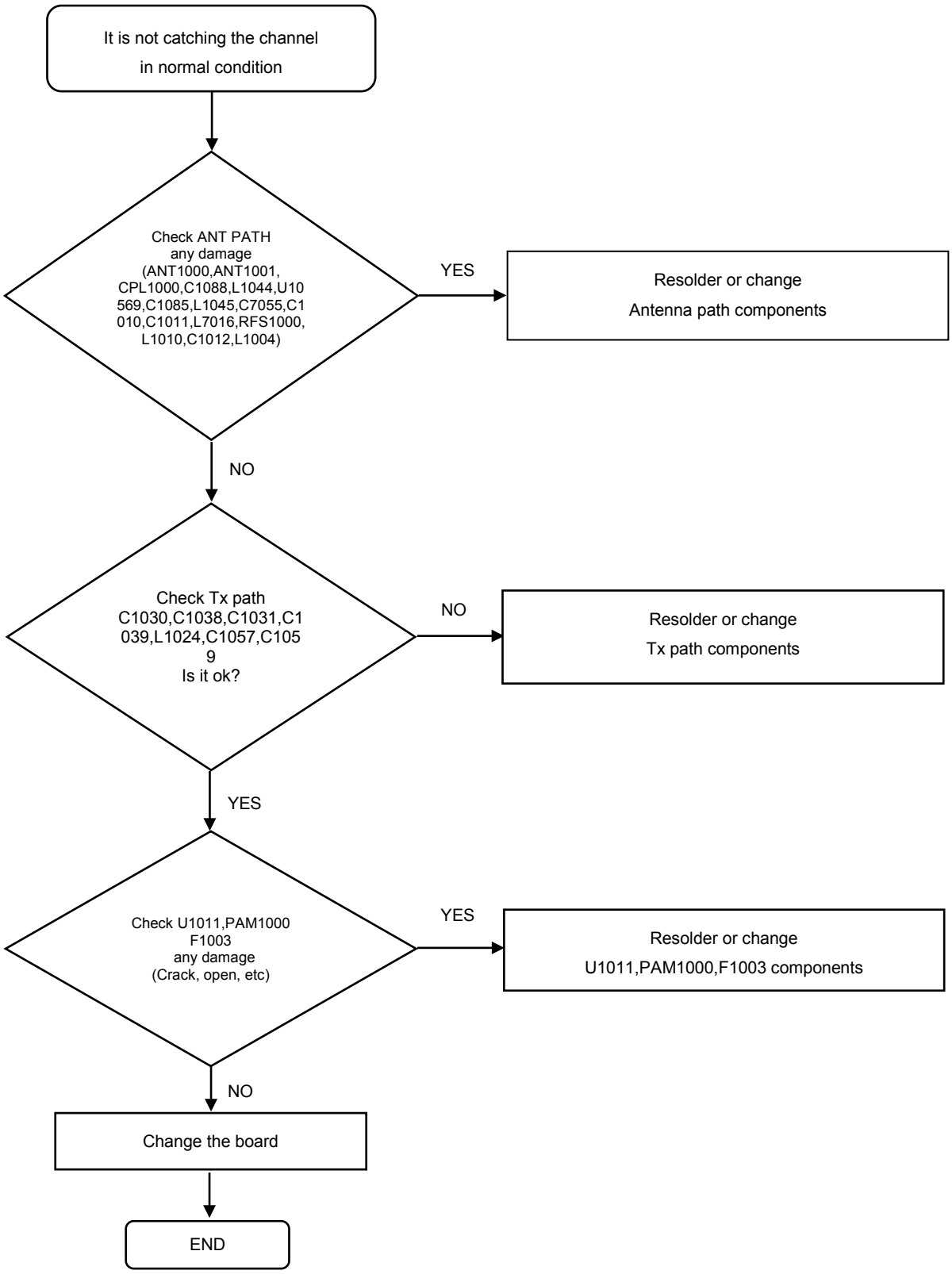
8-4-34. LTE B20 TX



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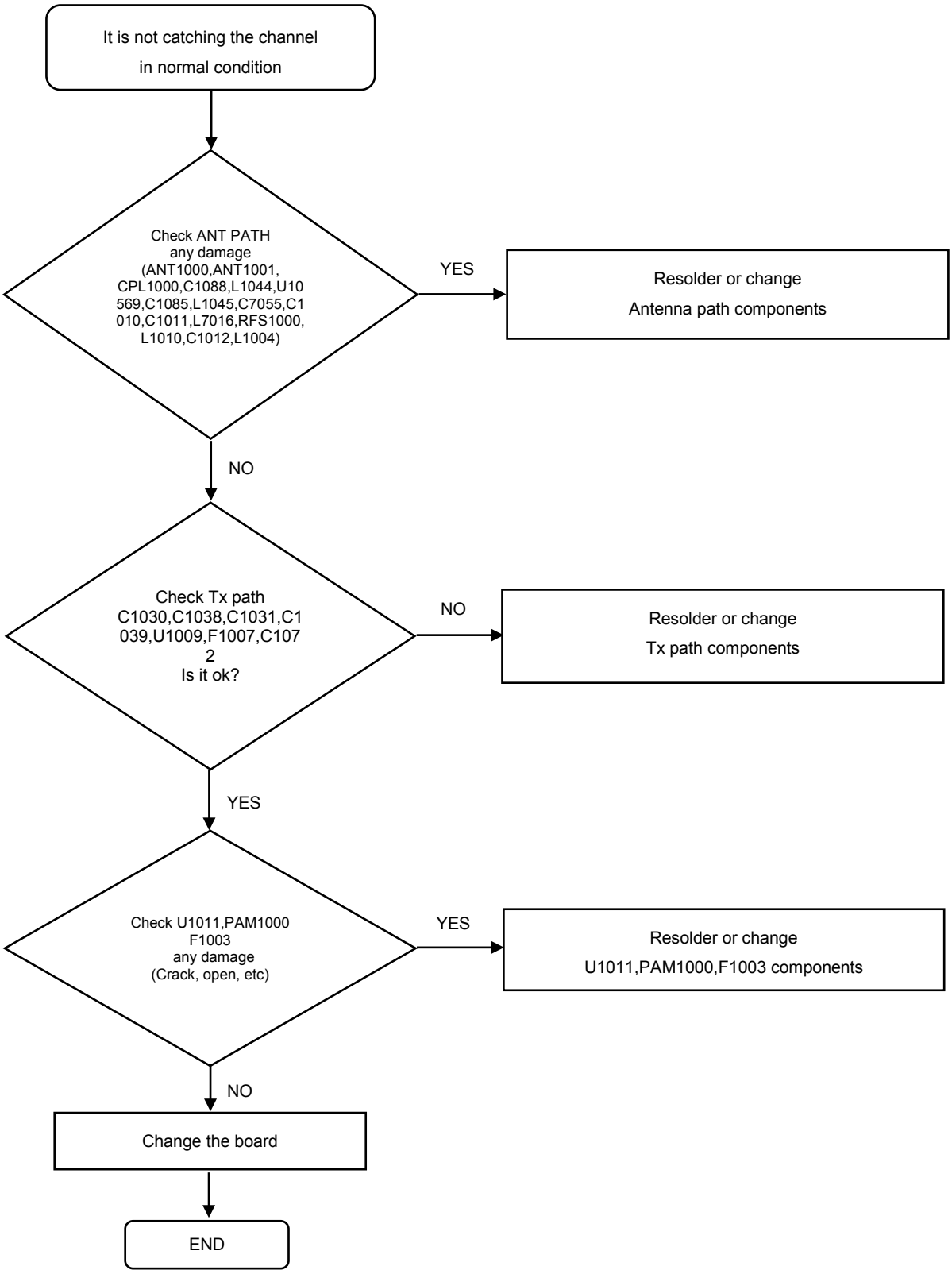
8-4-35. LTE B28 TX



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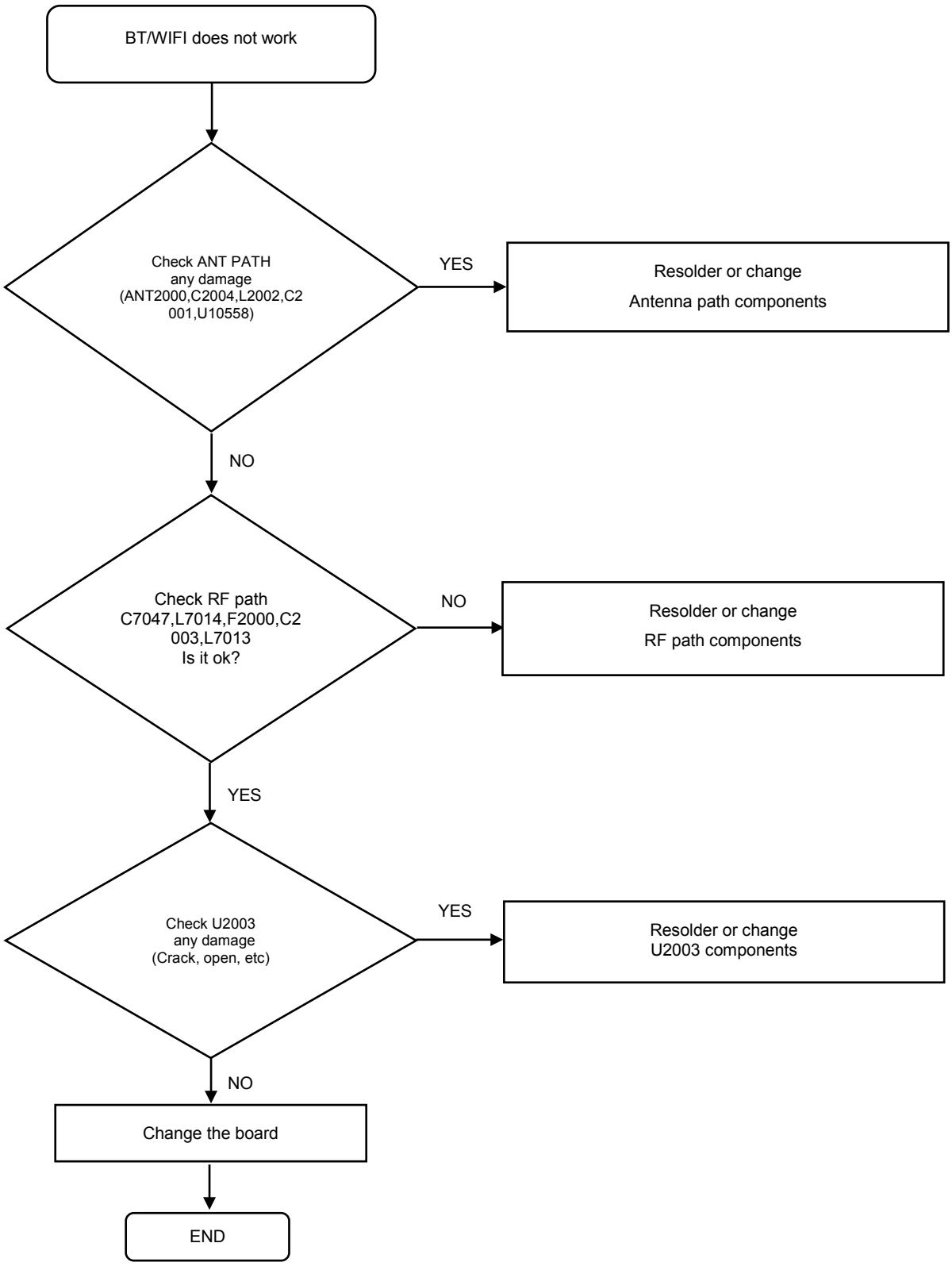
8-4-36. BT/WLAN



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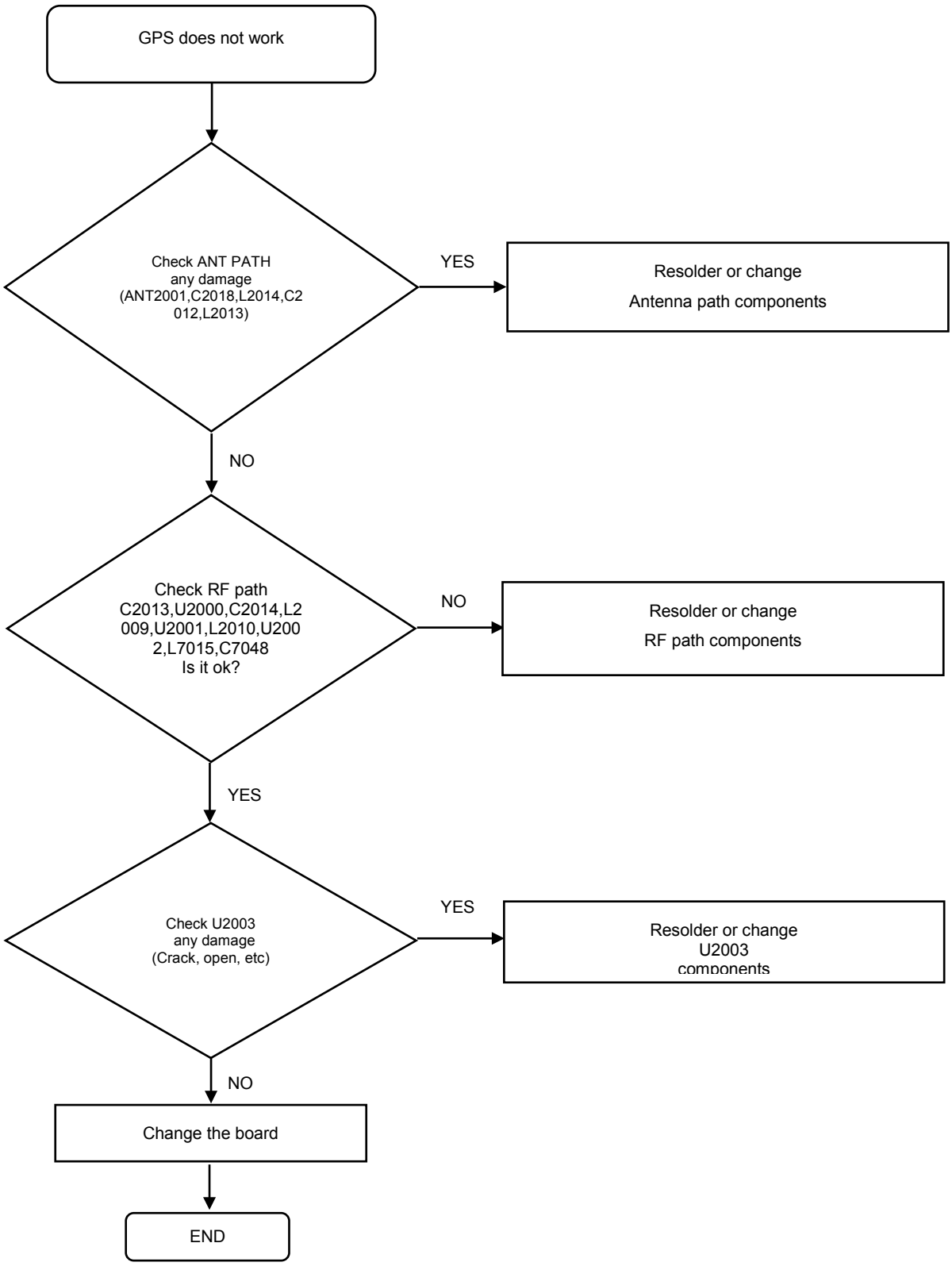
8-4-37. GPS



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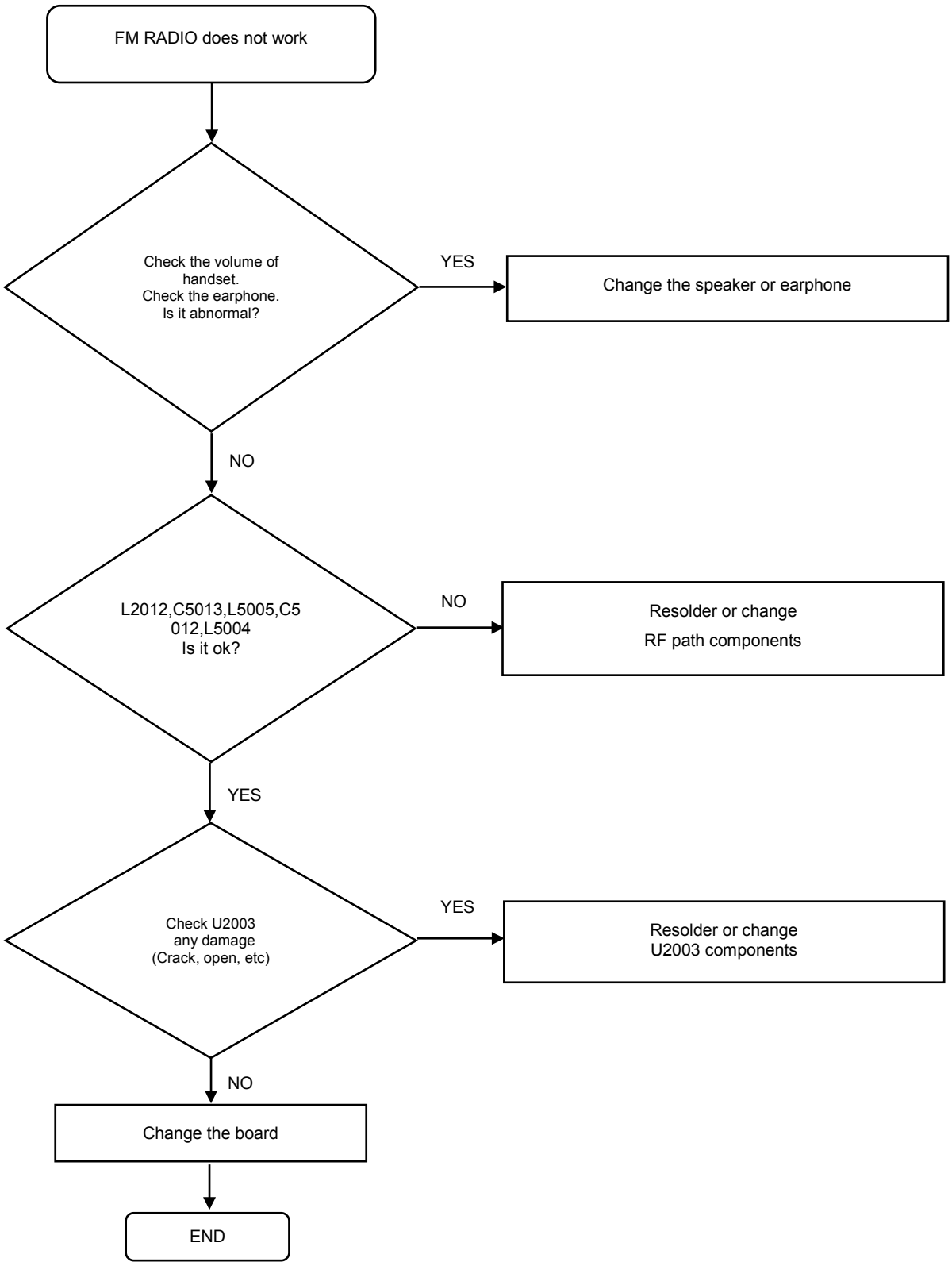
8-4-38. FM RADIO



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