Nokia Customer Care

6(a) - Baseband Troubleshooting

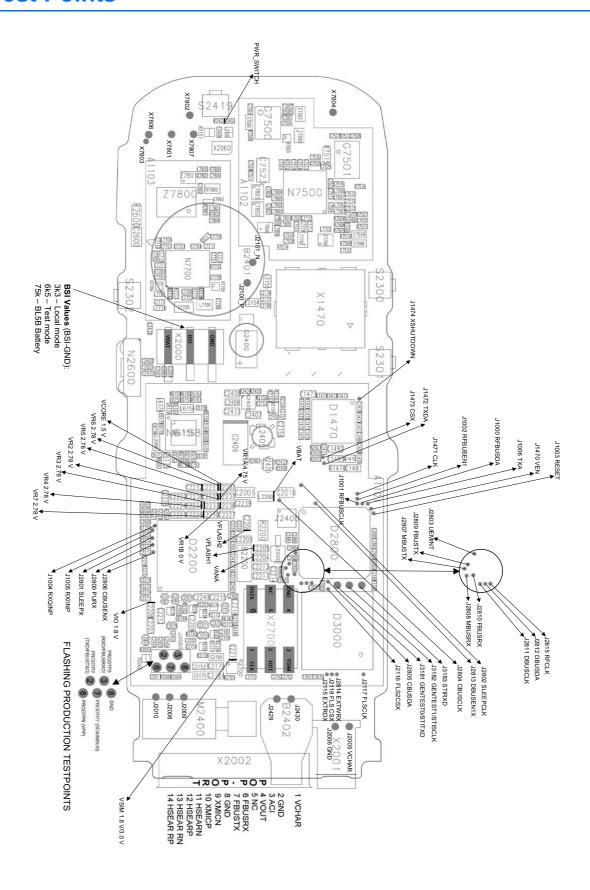
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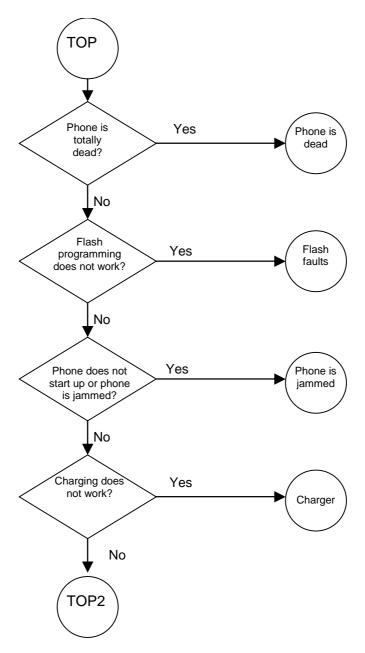
Test Points



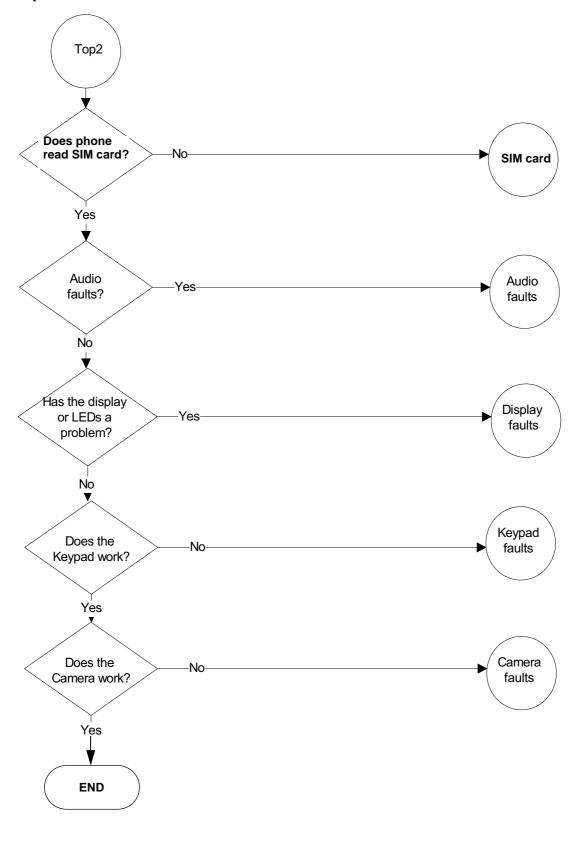


Troubleshooting

Top level flow 1



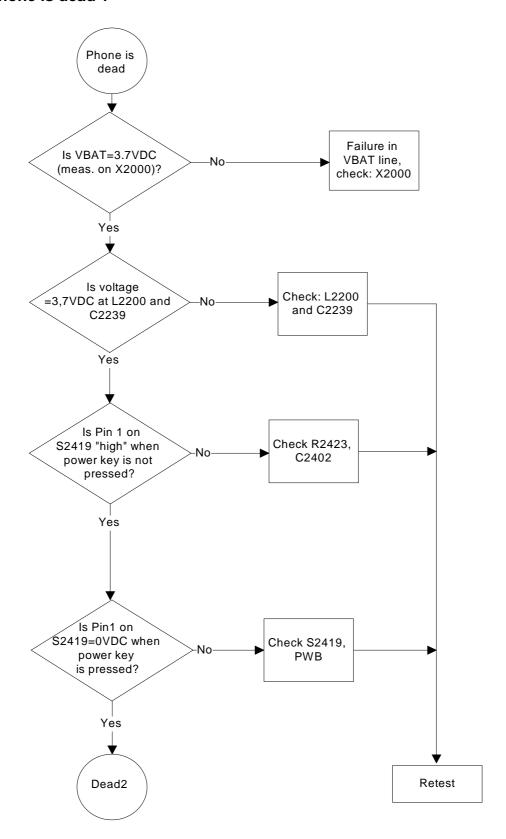
Top level flow 2



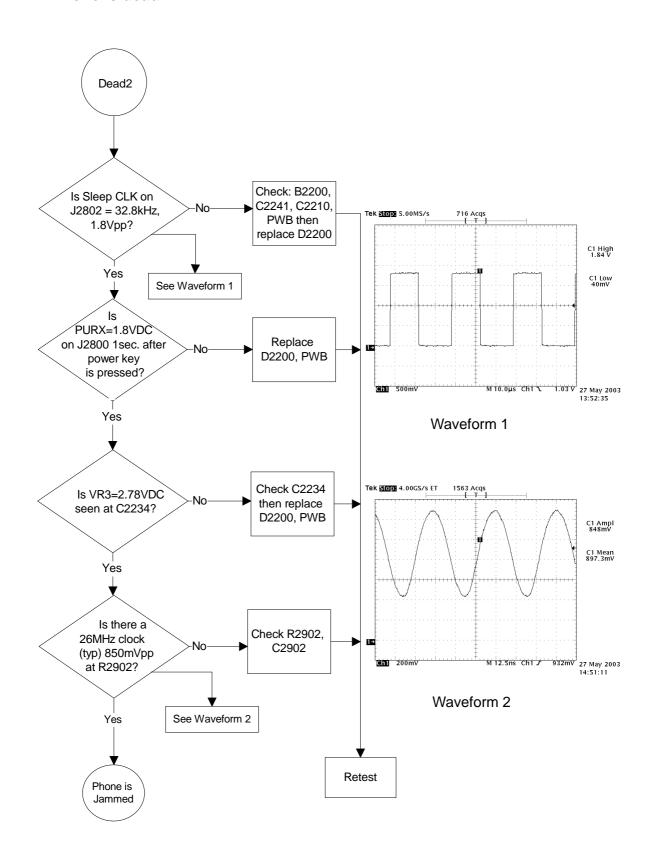


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Phone is dead 1

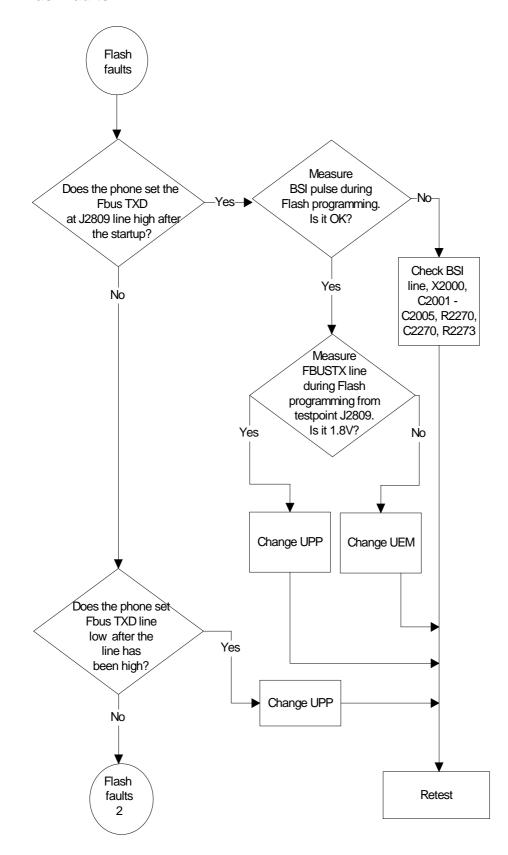


Phone is dead 2

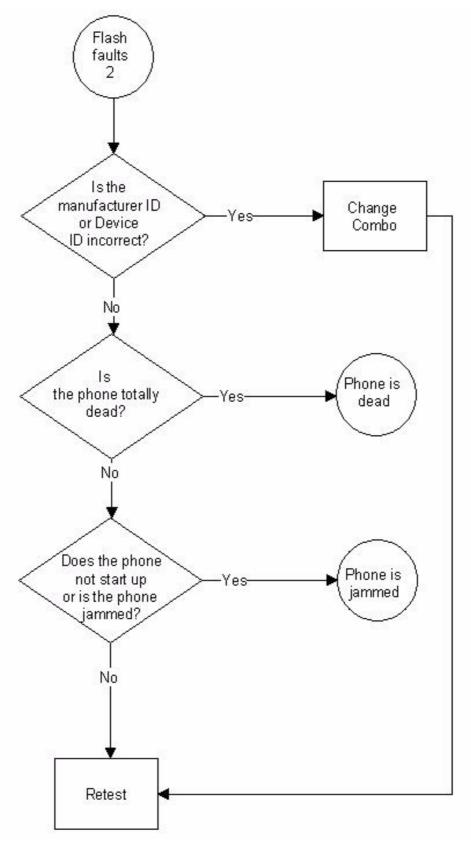


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Flash faults 1







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Phone is jammed 1 Tek (100) 5.00MS/s Phone C1 High 1.84 V is jammed C1 Low 40mV Measure VIO, VCORE, VFLASH1, No-Check L2200, VANA, VR3 voltages. C2239, Are they Waveform 3 BSI/BTEMP lines OK? and VBATT lines Check VBATT1-6, VIO, VCORE, VFLASH1, VANA, Retest Yes VR3 lines. Tek **Stop:** 5.00MS/s Are they ok? 24 Acqs C1 High 1.42 V Check BSI/BTEMP C1 Low -20mV lines. If OK UEM regulators are not Yesworking. Change UEM. Measure 32.8kHz Sleep Clk from testpoint J2802. Is it OK? No See Waveform 4 Waveform 4 Measure 32.8 kHz Sleep Clk from C2241. Is it OK? Yes No See Waveform 3 Yes

Check B2200,

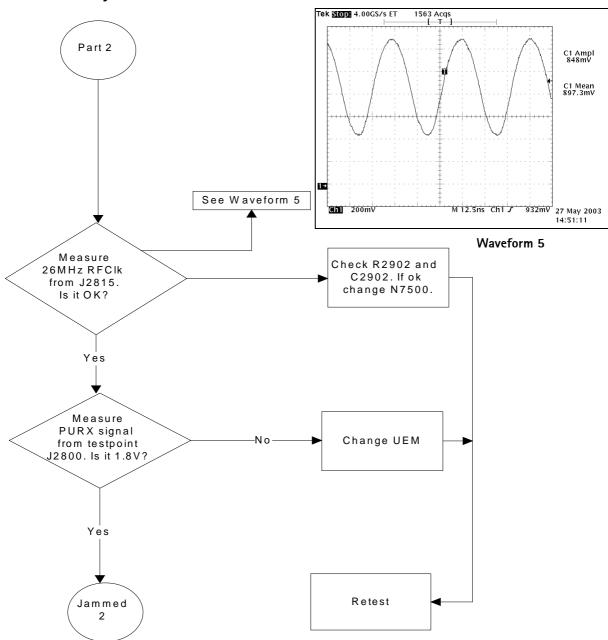
C2210, C2241.

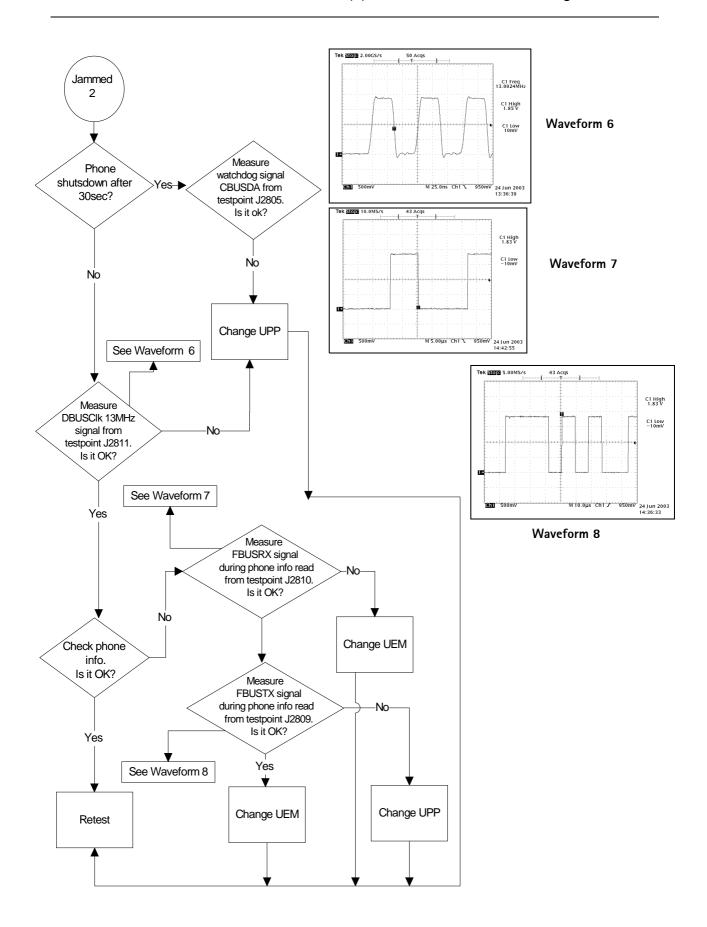
Retest

Change UEM

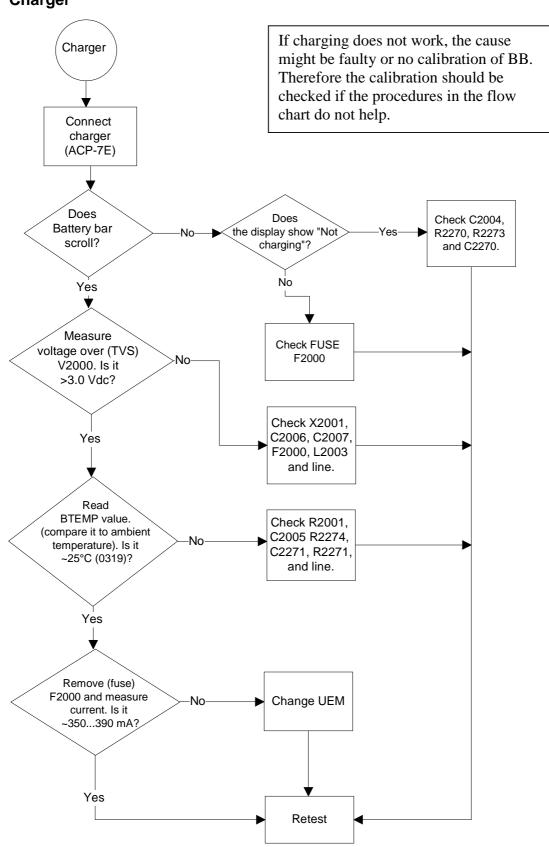
Goto Part 2

Phone is jammed 2

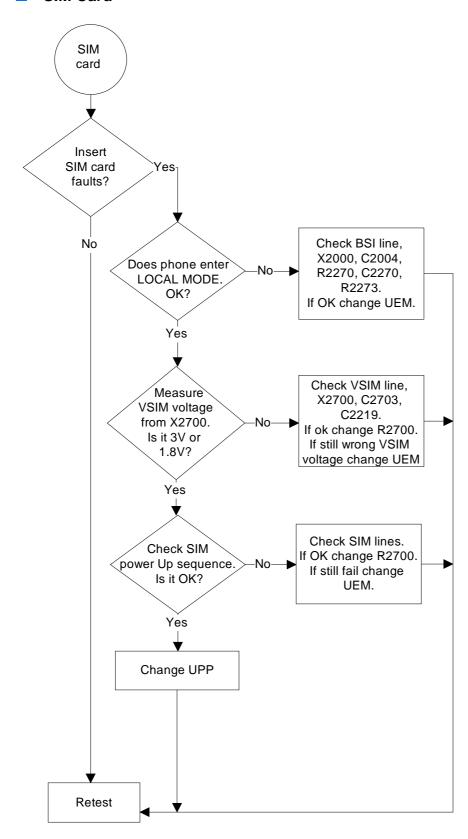


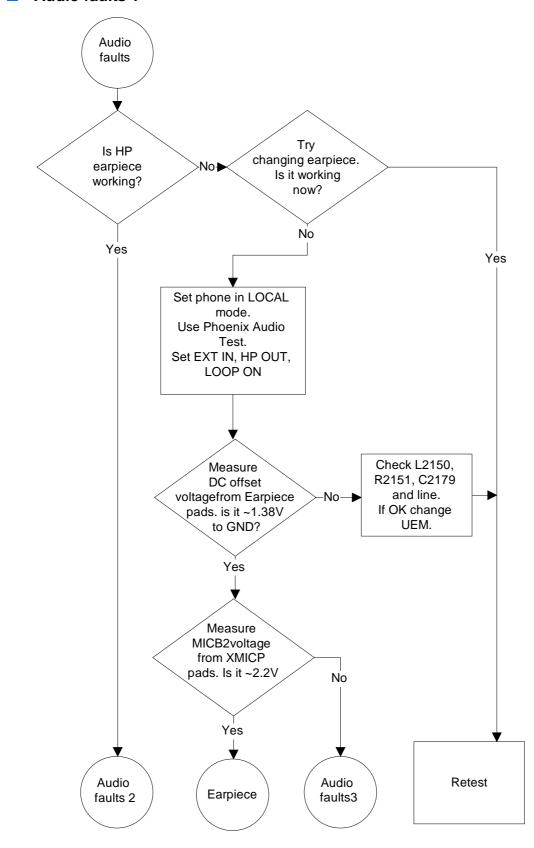


Charger



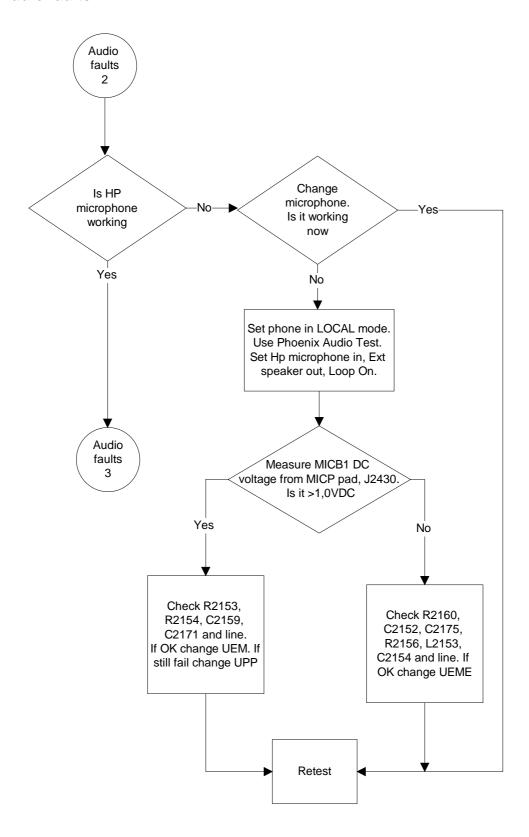
SIM Card



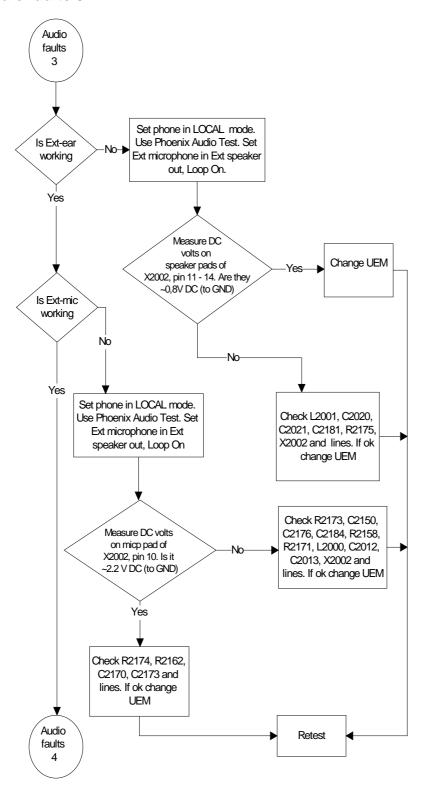


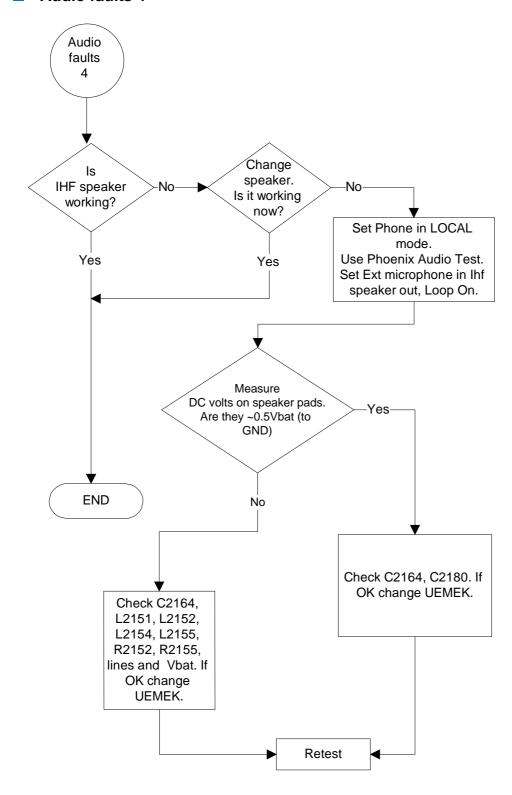


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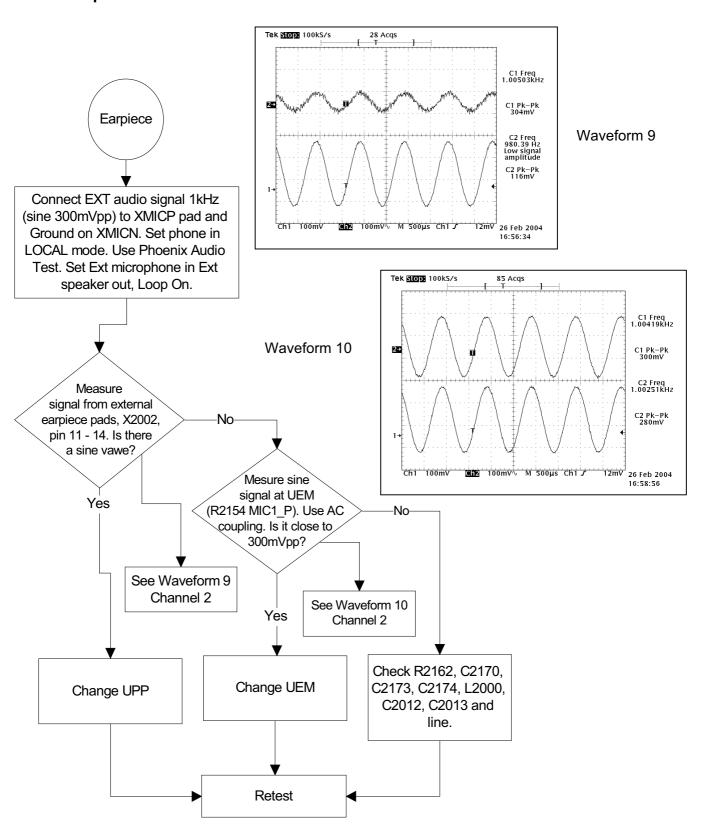




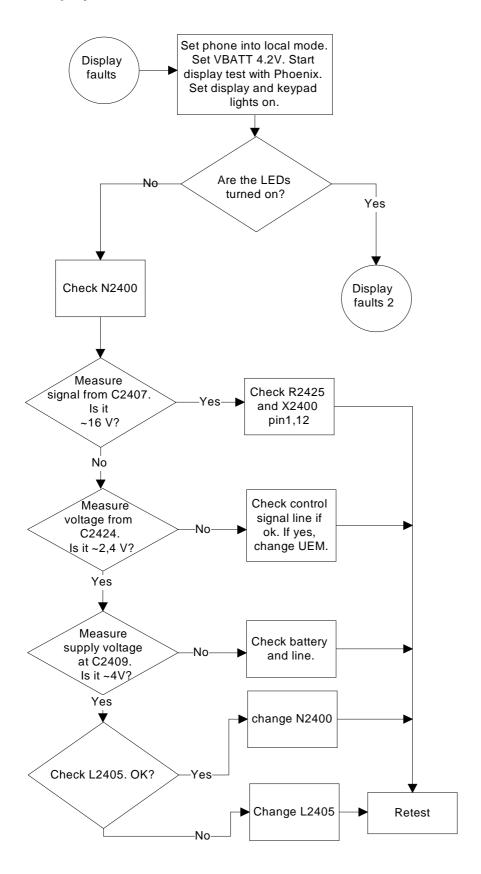


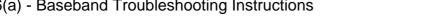


Earpiece

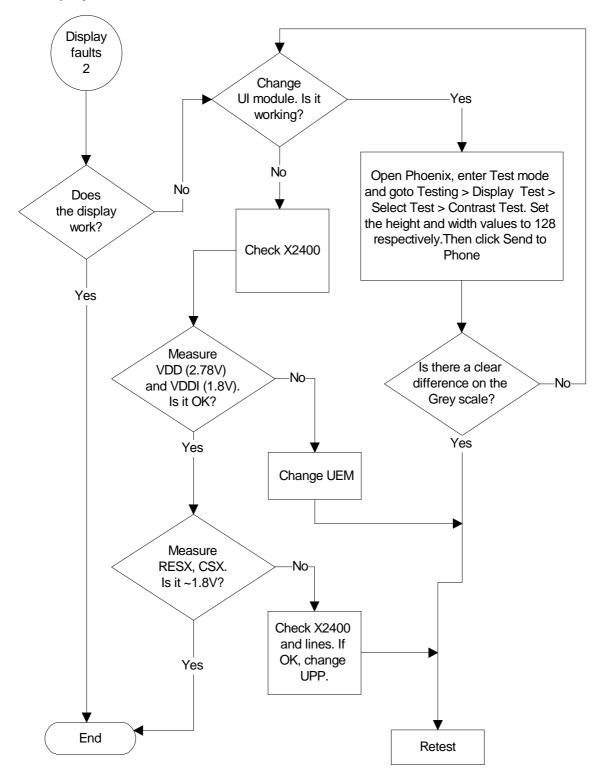


Display faults 1



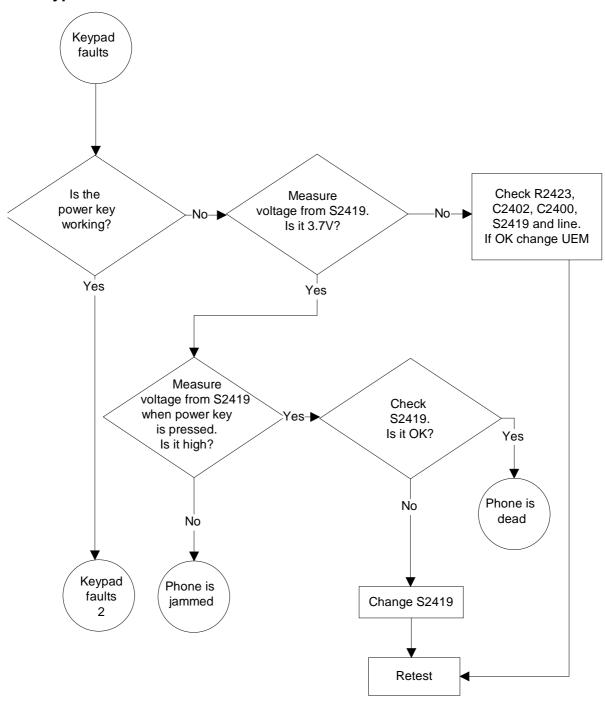


Display faults 2

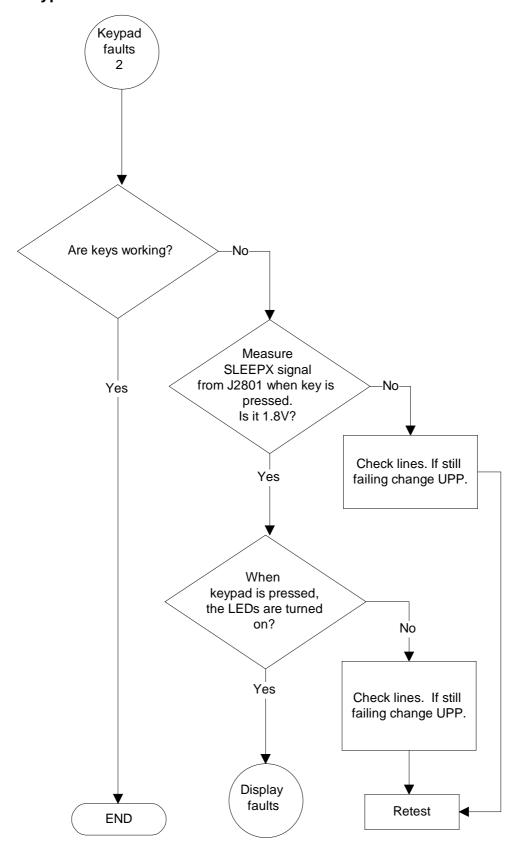


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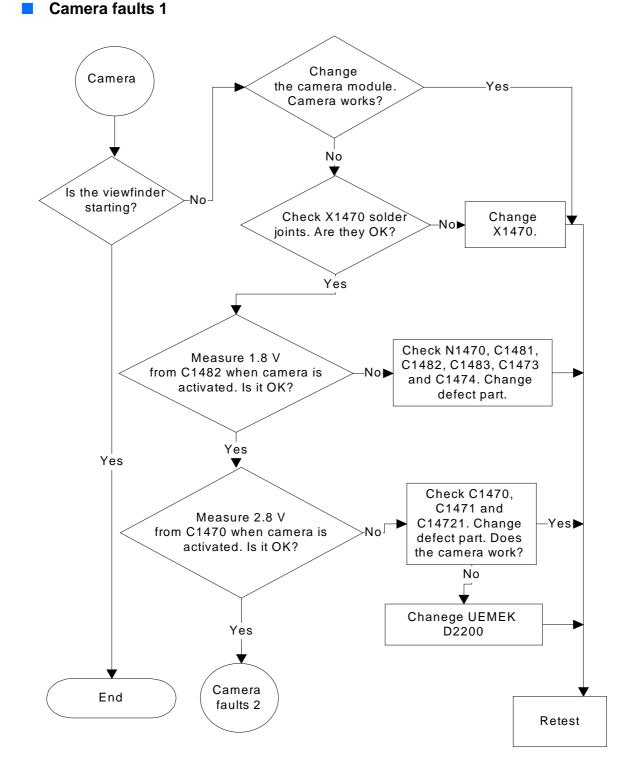
Keypad faults 1



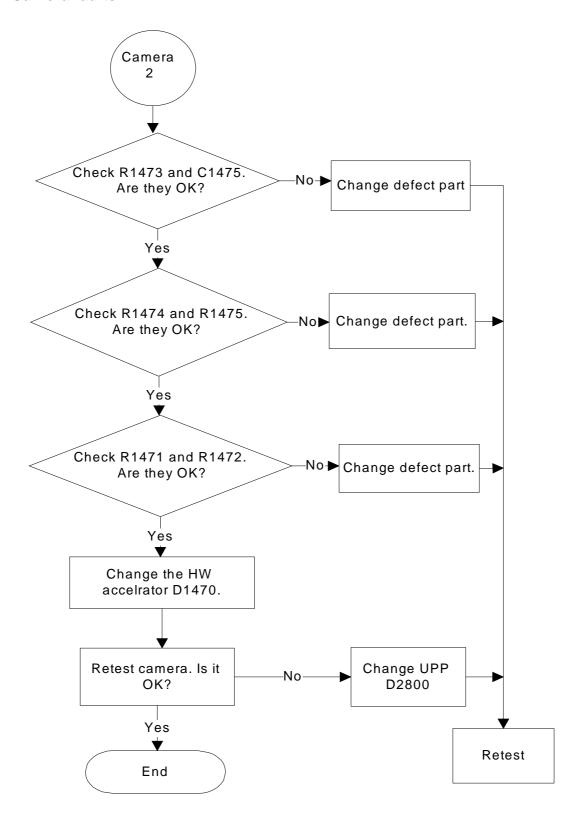
Keypad faults 2



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Self test

