

8751A-10

S E R V I C E N O T E

SUPERSEDES

HP 8751A Network Analyzer

Serial Numbers: 3123J00388/3123J00415
(Firmware Revision 3.00 Only)

Modification to prevent test failure after adjustment

To Be Performed By: HP-qualified personnel

Situation:

When you don't turn the instrument OFF after upgrading the Fractional-N Pretune Correction Constants or the STEP Oscillator Pretune Correction Constants, the HP 8751A doesn't output the proper frequencies and the frequency corresponding performance tests may fail.

Continued

DATE: 26 June 1991

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: TM	ENTITY: 3355	RESPONSIBLE ENTITY: 3355 UNTIL: June 1992
ADDITIONAL INFORMATION:		

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Parts Required:

If the HP 8751A is NOT equipped with Option 002:

HP P/N	Qty.	Description
08751-86501	1	ROM Set (Rev. 3.01)

If the HP 8751A is equipped with Option 002:

HP P/N	Qty.	Description
08751-86202	1	ROM Set (Rev. 3.01)

Solution/Action:

Perform the following steps to solve the above problem.

1. Remove the top cover and shield plate.
2. Remove the A1 board.
3. Remove the programmed ROMs from the A1 board.
4. Install the new ROMs into the ROM sockets as follows:

If the HP 8751A is NOT equipped with Option 002:

Reference Designator	Part Number	Description
0 (A1U43)	08751-85501	ROM (Rev. 3.01)
1 (A1U44)	08751-85502	ROM (Rev. 3.01)
2 (A1U45)	08751-85503	ROM (Rev. 3.01)
3 (A1U46)	08751-85504	ROM (Rev. 3.01)

If the HP 8751A IS equipped with Option 002:

Reference Designator	Part Number	Description
0 (A1U43)	08751-85211	ROM (Rev. 3.01)
1 (A1U44)	08751-85212	ROM (Rev. 3.01)
2 (A1U45)	08751-85213	ROM (Rev. 3.01)
3 (A1U46)	08751-85214	ROM (Rev. 3.01)
4 (A1U47)	08751-85215	ROM (Rev. 3.01)
5 (A1U48)	08751-85216	ROM (Rev. 3.01)

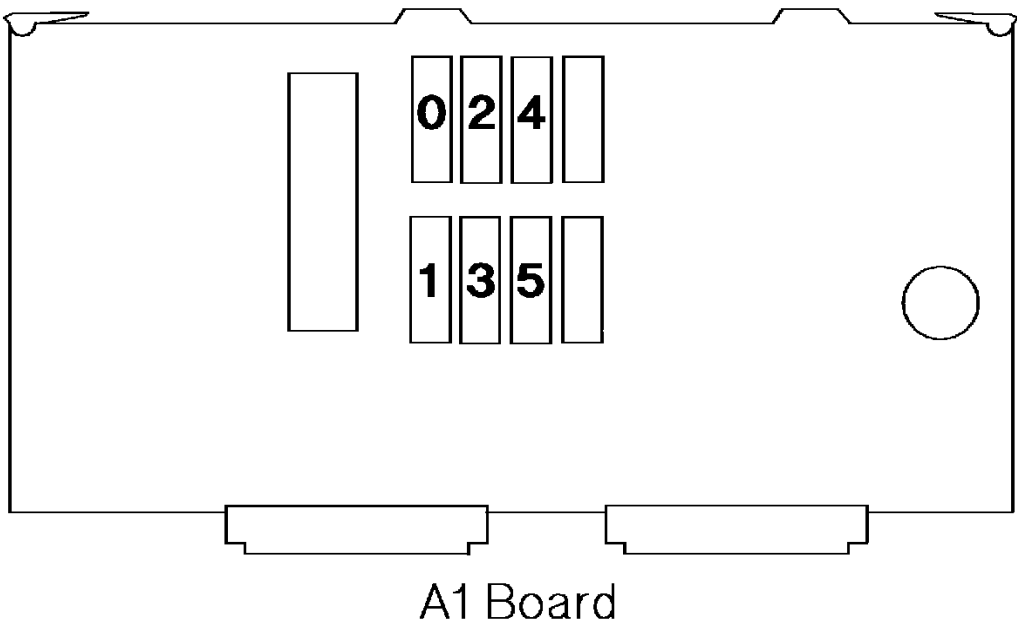


Figure 1. A1 CPU Board

5. Reinstall the A1 board.
6. Turn the HP 8751A ON. Confirm that the "POWER ON TEST FAILED" message is NOT displayed.
7. Press [SYSTEM], 'SERVICE MENU', and 'FIRMWARE REVISION'. Confirm that the firmware revision is 3.01.
8. Turn the HP 8751A OFF.
9. Reinstall the shield plate and the top cover.