

8920A-08

S E R V I C E N O T E

SUPERSEDES

HP 8920A RF Communications Test Set

Serial Numbers: 3207A01244/3248A02535
(Refer to specific serial numbers in text)

Incorrect RF Diagnostics Results (Option 007)

Parts Required: 08920-61058, Firmware Upgrade Kit

Situation:

HP 8920As with serial numbers noted below were built with Option 007. This option provides low-level RF power measurement capability at the RF In/Out port. This is achieved by removing the high-power 14dB attenuator located between the RF In/Out connector and the A23 Input Assembly.

These instruments may report failures of the input step attenuator when internal RF diagnostics are run. These failures occur because the RF In/Out port is not terminated into 50 ohms by the high-power attenuator. Diagnostics included in firmware revision A.09.04 and above correct this problem by adding instructions to place a 50 ohm load on the RF In/Out connector before running the Input tests. The instruments meet all performance specifications and are not faulty.

Continued

DATE: 07 May 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:					
MODIFICATION RECOMMENDED					
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input 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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: 01 July 1998			
AUTHOR: LHL	ENTITY: 1000	ADDITIONAL INFORMATION:			

Serial Numbers:

3207A01244	3235A02123	3248A02280	248A024353	3235A02001	3235A02129
3248A02324	3248A02448	3235A02002	3235A02176	3248A02332	3248A02458
3235A02003	3235A02177	3248A02334	3248A02507	3235A02030	3248A02161
3248A02351	3248A02508	3235A02031	3248A02163	3248A02359	3248A02522
3235A02032	3248A02265	3248A02387	3248A02523	3235A02089	3248A02267
3248A02396	3248A02535	3235A02121	3248A02278		

Solution/Action:

Check the firmware revision currently installed in the instrument. If the firmware revision is A.09.01 or below, install the HP 8920A Firmware Upgrade Kit, P/N 08920-61058. If the firmware revision is A.09.04 or above, do not implement this Service Note. Billings will not be accepted for units other than those listed above. Recalibration is not required.