

8920A-05

S E R V I C E N O T E

SUPERSEDES: None

HP 8920A RF Communications Test Set

Serial Numbers: 3141A00996 / 3211A01331
(Refer to specific serial numbers in text)

Intermittent Oscillation of Spectrum Analyzer (Option 002)

Parts Required:

08920-69026, Exchange Assembly, A18 Spectrum Analyzer

Situation:

A problem has been noted in the A18 Spectrum Analyzer assembly which can result in a screen (CRT) full of noise or mis-calibration. The problem has been traced to parasitic oscillations caused by improper capacitive loading of the output buffer stage.

The following instruments are affected by this problem (Billings will NOT be accepted for units other than the serial numbers listed below):

8920A Serial Numbers

3141A00996	3207A01071	3207A01222	3207A01235
3207A01236	3207A01244	3207A01245	3207A01267-71
3207A01275	3207A01279	3207A01280	3207A01283
3207A01286	3211A01300	3211A01331	

Continued

DATE: 26 June 1992

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: 2.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	RESPONSIBLE UNTIL : 01 August 1997		
AUTHOR: LHL	ENTITY: 1000	ADDITIONAL INFORMATION: Utilize standard SMO Exchange Assembly process		



Solution/Action:

The A18 Spectrum Analyzer assembly has been re-designed to solve this problem. Replace the A18 Spectrum Analyzer assembly with an exchange assembly (see Parts Required). Chapter 10 of the 8920A Assembly Level Repair Manual contains removal and installation instructions for the A18 assembly. Re-calibration of the instrument is not required.