

Supersedes:

NONE

**HP MODEL 8568A SPECTRUM ANALYZER****IF Section Serial Prefix 2005A and Below****RF Section Serial Prefix 1921A and Below****3 MHz RESOLUTION BANDWIDTH****PROBLEM:**

Adjustment of the 3 MHz resolution bandwidth to a nominal 3 MHz is tedious on instruments with IF Section prefix 2005A and below. Adjustment A4A9R60 "3 MHz" may have insufficient range. On instruments with RF Section prefix 1921A and below the 3 MHz resolution bandwidth may be too narrow. This is particularly noticeable if RF Sections and IF Sections are interchanged.

**CAUSE:**

8568A RF Sections with prefix 1921A and below can have insufficient bandwidth at 21.4 MHz. The IF Section with those instrument compensates by having the 3 MHz resolution bandwidth adjusted wide for an overall 3 MHz resolution bandwidth of approximately 2.6 MHz.

**SOLUTIONS:**

For insufficient adjustment range on A4A9R60 "3 MHz" change A4A9R51 to 1.47k (HP Part Number 0757-1094). The 3 MHz resolution bandwidth accuracy problem is fixed by replacing A19 with HP Part Number 85680-60039.

RO/eg/WN

3/80-45



**FOR MORE INFORMATION, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE** or East (201) 265-5000 • Midwest (312) 255-9800 • South (404) 955-1500 • West (213) 970-7500 or (415) 968-9200; **OR WRITE**, Hewlett-Packard, 1501 Page Mill Road, Palo Alto, California 94304. **IN EUROPE, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE OR WRITE**, Hewlett-Packard S.A., 7, rue du Bois-du-Lan, P.O. Box, CH-1217 MEYRIN 2 - Geneva, Switzerland. **IN JAPAN**, Yokogawa-Hewlett-Packard Ltd., 9-1, Takakura-cho, Hachioji-shi, Tokyo, Japan 192.