

S E R V I C E N O T E

Supersedes:

8656A-10

HP MODEL 8656A SIGNAL GENERATOR**Serials Prefixed 2124A and Below****MODIFICATION to CORRECT for SPURIOUS SIDEBANDS 60-110 MHz VCO**

Spurious sidebands on the output of the 60 to 110 MHz Low Frequency Loop VCO signal can be corrected by adding a capacitor between the output and the input of the FM Deviation amplifier A10U17 in parallel with the feedback resistors A10R63 and 64. Capacitor HP Part Number 0160-4386, CD3, CF 33pf 5% 200Vdc is required. The Reference Designator for the capacitor is A10C29.

INSTALLATION PROCEDURE

1. Remove the side covers that secure the top and bottom covers.
2. Remove the top and bottom covers.
3. Locate A10U17 FM Deviation Amplifier.
4. Connect and solder the capacitor between pin 6 and 7 of A10U17.
5. Check the FM Deviation Adjustment, reference page 5-24 of the Operating and Service Manual.
6. Install the top, bottom and side covers.

Correct the Replacement Parts List and Schematic in the Operating and Service Manual.

D/OF/WA

9/81-10/LS



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.