

S E R V I C E N O T E

SUPERSEDES: NONE

8720B Vector Network Analyzers**Serial Numbers:** 0000A00000 / 9999A00000**Change to the ALC OFF adjustment in the 8720A/B 8719A Service Manual****Parts Required:** None**Situation:**

Some cases of intermittent phase lock failure have been traced to an insufficient level of RF power during retrace. This level is adjusted by the ALC OFF adjustment in the service manual. In a few instruments we have found that the adjustment procedure in the service manual will not result in sufficient power to reliably phase lock under all circumstances.

Solution/Action:

The following procedure replaces step 1 of the AUTOMATIC LEVELING CONTROL ADJUSTMENT in the Adjustments section of the 8719A 8720A/B service manual.

1. Press [PRESET]{SYSTEM}{SERVICE MENU}{ALC OFF}{INPUT PORTS}{R}[MKR]. Slowly adjust the ALC OFF down until a phase lock error occurs. Note the marker value. Adjust ALC OFF up to 6 dB above the marker reading previously noted. Press [MENU]{CW FREQ} and continue with step 2 of the AUTOMATIC LEVELING CONTROL ADJUSTMENT in the adjustments section of the 8719A 8720A/B service manual.

DATE: 26 MARCH 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR: JK	ENTITY: 4500	ADDITIONAL INFORMATION:
--------------------------	----------------------------	--------------------------------