

S E R V I C E N O T E

SUPERSEDES: NONE

8561E Portable Spectrum Analyzer**8560E-11 Serial Numbers:** 3406A00768 / 9999A99999**8561E-08 Serial Numbers:** 3406A00570 / 9999A99999**8563E-12 Serial Numbers:** 3406A02642 / 9999A99999**8564E-06 Serial Numbers:** 3406A00168 / 9999A99999**8565E-06 Serial Numbers:** 3406A00176 / 9999A99999**VCO adjustment for later "1X6" A15 RF assemblies****Duplicate Service Notes:** 8560E-11, 8561E-08, 8563E-12, 8564E-06, 8565E-06**To Be Performed By:** Agilent-Qualified Personnel, Customer**Situation:**

On the original A15 assemblies, the 300MHz and 600MHz signals were derived from a 600MHz SAW oscillator. This was redesigned to use a 100MHz PLL whose output is multiplied. At introduction the Service Guide for these instruments did not contain a procedure for the new adjustments relating to this change.

Solution/Action:

Disconnect the W33 (81) cable from the A15J701, the 2nd LO OUT. Connect the input of a spectrum analyzer or power meter with a frequency range greater than 600MHz to A15J701. Adjust A15C750 VCO ADJUST for a maximum signal level. Adjust A15C751 TRIPLER ADJUST for a maximum signal level. Repeat these adjustments until the highest signal level is achieved.

DATE: January 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:

GPB

ENTITY:

5320

ADDITIONAL INFORMATION: