

S E R V I C E N O T E

SUPERSEDES: 8566B-19

**8566A Spectrum Analyzer  
85660A RF Section**

**8566B Spectrum Analyzer  
85660B RF Section**

**Serial Numbers:**

85660A RF Section 0000A00000 / 9999A99999  
85660B RF Section 0000A00000 / 9999A99999

**Exceptions:** None

**RF Attenuator with Calibration ROM Replacement**

**To Be Performed By:** Agilent-Qualified Personnel

**Parts Required:** Attenuator Retrofit kit, part number 85660-60336.

**Situation:**

Replacing early RF step attenuators in 85660A or 85660B spectrum analyzer Rf sections requires modification of the A6A10 Miscellaneous Bias/Driver Assembly and replacement of the A6A2W1 attenuator control cable. Instruments which require these modifications are 85660A RF sections serial number 2722A03646 and below, and 85660B RF sections with serial number prefix 2729A and below.

*Continued*

DATE: 02 March 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION AVAILABLE</b>		
ACTION CATEGORY:	<b>AGREEABLE TIME</b>	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: Support Life
AUTHOR: BS	ENTITY: 5300	ADDITIONAL INFORMATION:

The RF attenuator and attenuator calibration ROM are the only parts needed when replacing the RF attenuator on later instruments or instruments which have been previously modified. Although the Attenuators on these later instruments are being replaced and not retrofitted, the Attenuator Retrofit Kit is still used for the repair.

**Solution/Action:**

The RF Attenuator Retrofit Kit, part number 85660-60336 includes all parts and instructions required to install the RF attenuator (included in the kit) into any 85660A or 85660B spectrum analyzer RF section. Each RF attenuator is accompanied by a customized attenuator calibration PROM which provides attenuator correction data necessary to achieve the instrument's specified amplitude accuracy. Each RF attenuator is individually characterized so replacement PROMS are not separately available. The PROM (A12U8) installs into a 16-pin DIP socket on the A12 RF Interface Assembly.