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Subject: 8568B-8A

Creator: Sally CARSTENSEN / HP5300/M0

Dated: 02/25/93 at 1752.

8568B-8A

PRELIMINARY SERVICE NOTE

SUPERSEDES: 8568B-8

HP 8568B Spectrum Analyzer
HP 85680B RF Section

Serial Numbers:

85680B RF Section 0000A00000 / 999A99999

Exceptions: None

RF ATTENUATOR WITH CALIBRATION ROM REPLACEMENT

To Be Performed By: HP-qualified personnel

Parts Required: Attenuator Retrofit Kit, HP part number
85680-60228.

Situation:

HP 85680B spectrum analyzer RF sections serial prefix 2732A and below require changing the attenuator power cable (W42) when replacing the RF step attenuator A5AT1 and attenuator calibration PROM A12U17. The W42 attenuator power cable is include in the Attenuator Retrofit Kit.

Solution/Action

The RF Attenuator Retrofit Kit, HP part number 85680-60228 includes all parts and instructions required to install the RF attenuator (included in the kit) into an HP 85680B 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 (A12U7) installs into a 16-pin DIP socket on the A12 RF Interface Assembly.

Date: 22 February 1993

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MODIFICATION AVAILABLE

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* REASON: PERFORMANCE ENHANCEMENT _____*

* or _____*

* SERVICEABILITY/RELIABILITY ENHANCEMENT X_____*

* LOCATION CATEGORY: CUSTOMER INSTALLABLE X_ ON-SITE _____*

* HP LOCATION _____*

* AVAILABLE UNTIL: Support Life _____*

* AUTHOR/ENTITY: Bill Scharf 5300 _____*

* ADDITIONAL INFO: _____*
