

S E R V I C E N O T E

SUPERSEDES: 8568B-10A

**HP 8568B Spectrum Analyzer
 HP 85662A IF Section
 HP 85680B RF Section**

Serial Numbers:

85680B RF Sections 0000A00000 / 2714A03282
 85662A IF Display Sections 0000A00000 / 3340A21346

Duplicate Service Notes: 8566B-10B

Option 462 6 dB resolution bandwidths

Situation:

The 8568B Option 462 has been redefined due to MIL-STD 462D. MIL-STD 462D specifies 6 dB resolution bandwidths. Early 8568B Option 462 instruments had impulse bandwidths from 3 MHz to 1kHz, and 6 dB bandwidths from 300Hz to 10 Hz.

The Option 462 Impulse Bandwidth instrument and the retrofit kit used to install impulse bandwidths in a standard instrument are no longer available. Replacement parts for the impulse bandwidth instrument will continue to be available.

Customers who already own MIL EMI receivers which contain 8568B Option 462 Impulse Bandwidth instruments, and customers who wish to retrofit 6 dB bandwidths into a standard 8568B can do so by installing a retrofit kit.

Continued

DATE: 21 December 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
BS	5300	

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Solution / Action:

A standard instrument can be retrofitted to an Option 462 6dB instrument by installing the HP 8568B 6 dB Bandwidth Retrofit Kit, HP part number 08568-60126. The kit includes three bandwidth boards, an IF control board, firmware, manuals, a dress front panel and an installation note. Installation time is 2-3 hours.

An Option 462 Impulse Bandwidth instrument can be retrofitted to an Option 462 6dB Bandwidth instrument by installing the HP 8568B IBW to 6 dB Bandwidth Retrofit Kit, HP part number 08568-60127. The kit includes the A4A7 bandwidth board, firmware, a dress front panel, manuals, and an installation note. Installation time is 2 hours.

The 6 dB bandwidth adjustment procedure and performance tests are in the 8568B Performance Tests and Adjustments Manual included in the retrofit kits.