

S E R V I C E N O T E

SUPERSEDES: 8566B-10A

8566B Spectrum Analyzer
85662A IF Section
85660B RF Section

Serial Numbers:

85660B RF Sections 0000A00000 / 2937A06183
 85662A IF Display Sections 0000A00000 / 3340A21346

Option 462 6 dB resolution bandwidths

Duplicate Service Notes:

8566B-10B
 8568B-10B

Situation:

The 8566B Option 462 has been redefined due to MIL-STD 462D. MIL-STD 462D specifies 6 dB resolution bandwidths. Early 8566B Option 462 instruments had impulse bandwidths from 3 MHz to 1kHz, and 6 dB bandwidths from 300Hz to 10Hz.

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.

Continued

DATE: 21 December 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
BS	5300	

Customers who already own MIL EMI receivers which contain 8566B Option 462 Impulse Bandwidth instruments, and customers who wish to retrofit 6 dB bandwidths into a standard 8566B can do so by installing a retrofit kit.

Solution/Action:

A standard instrument can be retrofitted to an Option 462 6dB instrument by installing the 8566B 6 dB Bandwidth Retrofit Kit, part number 08566-60016. 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 8568B IBW to 6dB Bandwidth Retrofit Kit, part number 08566-60017. The kit includes the A4A7 bandwidth board, firmware, a dress front panel, manuals, and an installation note. Installation time is 2 hours.

The 6dB bandwidth adjustment procedure and performance tests are in the 8566B Performance Tests and Adjustments Manual included in the retrofit kits.