

S E R V I C E N O T E

SUPERSEDES: None

8563E Portable Spectrum Analyzer

Serial Numbers: 0000A00000 / 3327A01304

Duplicate Service Notes: None

I.F. errors falsely displayed at cold temperatures before OCXO is warmed up**To Be Performed By:** Agilent-Qualified Personnel or Customer**Parts Required:** The most recent firmware upgrade kit for 856XE analyzers.**Situation:**

Various 500 series IF errors may be seen when the instrument is first powered up, especially at low temperatures. The errors go away after as much as five minutes or after the oven oscillator (OCXO) warms up. The IF errors occur if the right conditions exist between frequency offsets in the OCXO and the IF filters. Only an error 906 OVEN COLD should be observed before the OCXO warms up. After the error messages disappear, the instrument functions normally.

Solution/Action:

Install firmware revision 930715 or later. See the latest version of service note 8563E-04x for information on the latest firmware upgrade kits.

DATE: 08 September 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	<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 checked="" type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: 01 August 1995
AUTHOR: GPB	ENTITY: 5300	ADDITIONAL INFORMATION: