

## S E R V I C E N O T E

SUPERSEDES: NONE

**HP 8561E Portable Spectrum Analyzer**

Serial Numbers: 3635A01604 / 3720A01914

**Intermittent Error 337 (Frac-N Unlock) Under Certain Conditions****Duplicate Service Notes:**

8560E-16, 8562E-04, 8563E-16, 8564E-11, 8565E-11

**To Be Performed By:** HP-Qualified Personnel**Parts Required:**

HP P/N	Description	Quantity
08560-60086	Firmware Upgrade Kit	1 ea.

**Situation:**

An intermittent error 337 (Frac-N Unlock) may appear under certain tuning conditions where the Fractional-N phase lock loop is quickly tuned across its entire range during retrace. This condition sets up a ringing which can momentarily cause the loop voltage to swing beyond the limits set by earlier firmware.

**Solution / Action:**

Install firmware revision 970326 or later. If the part number listed above is not current, it has been superseded by a later part number.

DATE: July 1997

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: GPB	ENTITY: 5320	HP RESPONSIBLE UNTIL: July 1999	
		ADDITIONAL INFORMATION:	