

S E R V I C E N O T E

SUPERSEDES: None

**8564E Portable Spectrum Analyzer**

**Serial Numbers:**

8560E-14: 3551A01928 / 3623A02328  
 8561E-11: 3551A01255 / 3623A01513  
 8562E-01: 0000A00000 / 3623A00125  
 8563A-24: 3514A03520 / 3610A04018  
 8563E-14: 3551A04201 / 3623A05352  
 8564E-09: 3551A00394 / 3623A00543  
 8565E-09: 3551A00367 / 3623A00473

**Duplicate Service Notes:** See Above

**A17 CRT Driver Reliability Improvement**

**To Be Performed By:** Agilent-Qualified Personnel

**Situation:**

The A17 CRT Driver assembly employs high-voltage capacitors whose technology exhibits a characteristic “curing” where they will momentarily short once or twice during their early life. The voltage spike which results from this curing can cause the Op Amp A17U1 to latch up and draw excessive supply current, causing it to overheat and smoke. This phenomenon can also electrically damage other assemblies in the instrument.

**Solution/Action:**

Replace the A17 assembly part number 08563-60077 with 08563-60101.

DATE: October 1996

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 Hour		
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: October 1998		
AUTHOR: GB	ENTITY: 5320	ADDITIONAL INFORMATION:			