

S E R V I C E N O T E

SUPERSEDES: 8560E-06

**8560E Portable Spectrum Analyzer**

**Serial Numbers:**

8560A-28A: 3146A01932 / 3413A02687  
 8560E-06A: 0000A00000 / 3425A01033  
 8561E-05A: 0000A00000 / 3425A00723  
 8562A-68A: 3148A06894 / 3337A07664  
 8563A-21A: 3146A00562 / 3413A02911  
 8563E-07A: 0000A00000 / 3425A00476  
 8564E-08: 0000A00000 / 3425A00182  
 8565E-08: 0000A00000 / 3425A00183

**Modification to improve focus reliability**

**Duplicate Service Notes:** See Above

**Parts Required:**

| Part No.  | Qty. | Description        |
|-----------|------|--------------------|
| 0160-6420 | 2    | 0.0047uf Capacitor |
| 1901-1214 | 2    | Diode, 600V        |

*Continued*

DATE: August 1996

ADMINISTRATIVE INFORMATION

|                               |                                                                                                                                                    |                                                                                                                         |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| SERVICE NOTE CLASSIFICATION:  |                                                                                                                                                    |                                                                                                                         |
| <b>MODIFICATION AVAILABLE</b> |                                                                                                                                                    |                                                                                                                         |
| ACTION CATEGORY:              | <b>AGREEABLE TIME</b>                                                                                                                              | <input type="checkbox"/> PERFORMANCE ENHANCEMENT<br><input checked="" type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT |
| LOCATION CATEGORY:            | <input checked="" type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br><input checked="" type="checkbox"/> SERVICE CENTER | AVAILABLE UNTIL: Life of Product                                                                                        |
| AUTHOR: GPB                   | ENTITY: 5300                                                                                                                                       | ADDITIONAL INFORMATION:                                                                                                 |

**Situation:**

The breakdown voltage of two diodes used on the A17 CRT Driver assembly can be exceeded. A possibility exists that, if this voltage is exceeded, the diode may be damaged and focus will be degraded. Using diodes with a higher breakdown voltage will improve focus reliability. Changing the diodes alone, however, can cause the intensity at low levels to flicker.

**Solution/Action:**

Replaces A17CR10 and A17CR30 with part number 1901-1214. Also replace A17C11 and A17C30 with 0.0047uf capacitors, part number 0160-6420.