

S E R V I C E N O T E

SUPERSEDES: 8563A-21

8563A 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: | | |
| 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: 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.