

S E R V I C E N O T E

SUPERSEDES: 8563E-07

8563E 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.