

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

SUPERSEDES: None

**8594E Spectrum Analyzer 9kHz to 2.9GHz**

Serial Numbers: 0000A00000 / 9999Z99999

**New firmware corrects display annotation**

Display annotation is cut off at the top or bottom and/or Display can not be adjusted to place RES BW or the remainder of the line on the Display.

**To Be Performed By:** Agilent Personnel or Qualified Customer Personnel

**Duplicate Service Notes:**

8590D-07  
 8590L-03  
 8591C-04  
 8591E-07  
 8592D-05  
 8592L-03  
 8593E-09  
 8594E-09  
 8595E-09  
 8596E-09

**Parts Required:** Firmware Replacement Kit, part number 08590-60382

*Continued*

DATE: May 1995

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION AVAILABLE</b>		
ACTION CATEGORY:	<b>AGREEABLE TIME</b>	<input checked="" type="checkbox"/> PERFORMANCE ENHANCEMENT <input type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: May 1997
AUTHOR: PS	ENTITY: 5300	ADDITIONAL INFORMATION:

**Situation:**

When NTSC (SYNC NRM NTSC) is selected, the analyzer display will shift and elongate somewhat. If the Time Date is on, it will be placed within the display window at the top. This is normal. Repositioning of the display may be necessary to center the annotation vertically and horizontally.

When returning to Normal Sync (SYNC NRM NTSC), the Time Date will return to the top of the display. When the display is repositioned, the "RES BW" annotation and the remainder of the line can not be displayed.

**Solution/Action:**

The solution is to replace the firmware with Firmware Replacement Kit, part number 08590-60382. The firmware in this kit has been revised to save and then recall the NRM position locations when Normal Sync is re-selected. There is a work-around, that is to press DEFAULT SYNC instead of SYNC NRM NTSC. This will recall the locations also in any version of the firmware.