

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

SUPERSEDES: None

**8561A Portable Spectrum Analyzer****Serial Numbers:** 3040A00511, 3040A00412**Duplicate Service Notes:**

8560A-14

8561A-27

8561B-16

8562A-58

8562B-56

**Possible damage to video out buffer on A3 interface****Situation:**

A high level on the Video signal at pin 2 of transistor array A3U101 will cause transistor A3U101A to saturate. Damage will occur to this transistor due to excessive current flowing from +15 VF line on pin 1 to ground through diode A3CR104.

**Solution/Action:**

Diode A3CR104 needs to be removed. This diode is mounted on the circuit side of the board from pin 14 of A3U101 to one end of A3R110. A3U101 should also be replaced. The part number of the array is 1858-0032.

DATE: 07 November 1992

## ADMINISTRATIVE INFORMATION

|                                 |  |                    |   |             |   |
|---------------------------------|--|--------------------|---|-------------|---|
| SERVICE NOTE CLASSIFICATION:    |  |                    |   |             |   |
| <b>MODIFICATION RECOMMENDED</b> |  |                    |   |             |   |
| ACTION CATEGORY:                | <input type="checkbox"/> IMMEDIATELY<br><input type="checkbox"/> ON SPECIFIED FAILURE<br><input checked="" type="checkbox"/> AGREEABLE TIME        | STANDARDS:         | Labor 1.0 Hour  |             |   |
| LOCATION CATEGORY:              | <input checked="" type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br><input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: | <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input checked="" type="checkbox"/> SEE TEXT | USED PARTS: | <input type="checkbox"/> RETURN<br><input checked="" type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY:                   | PRODUCT'S SUPPORT LIFE   |                    | AGILENT RESPONSIBLE UNTIL: 07 November 1994   |             |   |
| AUTHOR: GPB                     | ENTITY: 5300   |                    | ADDITIONAL INFORMATION:   |             |   |