

S E R V I C E N O T E

SUPERSEDES: None

8560E Portable Spectrum Analyzer

Serial Numbers:

3350A00755 3350A00756 3350A00758 3350A00759
 3350A00760 3350A00761 3350A00762 3350A00763
 3350A00764 3406A00768 3406A00771 3406A00773
 3406A00774

High displayed average noise level in wide bandwidths

Duplicate Service Notes:

8560E-10
 8561E-07
 8563E-09

Situation:

Some instruments which use early versions of the 08563-60054, 08563-60055 and 08563-60056 A15 RF assemblies may experience high Displayed Average Noise Levels (DANL) in 1MHz and 2MHz bandwidths. The high DANL results from a spurious signal on the third LO.

Solution/Action:

The spurious signal on the third LO can be eliminated by using a later version of the A15 RF assembly. Later versions have an added filter in the third LO signal path.

To recognize an A15 assembly with the added filter, verify that there is a surface-mount inductor attached to the top of capacitor A15C590.

DATE: May 1994

ADMINISTRATIVE INFORMATION

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| SERVICE NOTE CLASSIFICATION: | | | |
| MODIFICATION RECOMMENDED | | | |
| ACTION CATEGORY: | <input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS: | Labor 1.0 Hour |
| LOCATION CATEGORY: | <input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: | <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT |
| AVAILABILITY: | PRODUCT'S SUPPORT LIFE | USED PARTS: | <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT |
| AUTHOR: GPB | ENTITY: 5300 | AGILENT RESPONSIBLE UNTIL: May 1995 | |
| | | ADDITIONAL INFORMATION: | |