

S E R V I C E N O T E

SUPERSEDES: None

8563E Portable Spectrum Analyzer

Serial Numbers:

3350A01905 3350A01906 3350A01908
 3350A01909 3350A01910 3350A01911
 3350A01912 3350A01913 3350A01914
 3350A01940

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

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	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: May 1995		
AUTHOR: GPB	ENTITY: 5300		ADDITIONAL INFORMATION:		