

S E R V I C E N O T E

SUPERSEDES: NONE

8563E Portable Spectrum Analyzer

Serial Numbers: See Below

Reducing 300 kHz Sidebands**Duplicate Service Notes:**

8560E-17 Serials: 3632A02407 / 3743A03259

8562E-05 Serials: 0000A00000 / 3743A00561

8563E-17 Serials: 3645A06020 / 3743A07920

8564E-12 Serials: 3641A00611 / 3743A01005

8565E-12 Serials: 3641A00533 / 3743A00793

To Be Performed By: Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
08564-60026	A6A2 Regulator Ay.	1 ea.

Continued

DATE: December 1997

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 0.5 Hours
LOCATION CATEGORY:	<input checked="" 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: 5320	AGILENT RESPONSIBLE UNTIL:	December 1999
		ADDITIONAL INFORMATION:	

Situation:

Some instruments may fail the Spurious Response spec at 300 kHz offset from a signal. This can be the result of inadequate filtering on the -5 Volt bias supply to the A8 Low Band Mixer.

Solution / Action:

Replace the older A6A2 Regulator assembly 08564-60009 with part number 08564-60026 or later. Later regulator assemblies have added filtering on the -5 volt supply. This modification can also improve performance of instruments which already meet the Spurious Response specifications.