8564EC-08

S E R V I C E   N O T E

Supersedes:
NONE

8560EC Series Spectrum Analyzer

Serial Numbers: 4439A00884 – 4439A00946

(See http://sa.tm.agilent.com/8560/service_notes/8560EC-08.html for exact coverage)

Unstable Noise Floor and/or 500 series Error Messages

To Be Performed By: Agilent-Qualified Personnel

Possible Parts Required:

P/N	Description	Qty.
08563-60174	A3 Interface Board	1
08563-60178	A5 10.7 MHz IF Board	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	[[]] IMMEDIATELY **X** ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS: LABOR: 2.0 Hours	
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE [[]] ON-SITE **X** SERVICE CENTER	SERVICE [[]] RETURN INVENTORY: **X** SCRAP [[]] SEE TEXT	USED [[]] RETURN PARTS: **X** SCRAP [[]] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: March 2008	
AUTHOR: MPM	PRODUCT LINE: 12		
ADDITIONAL INFORMATION:			

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Situation:

A problem has been found which was caused by contamination getting inside of radial leaded capacitors installed on both the A3 Interface and A5 10.7 MHz IF boards. The result is that of having an unstable noise floor which is often accompanied by multiple series 500 error messages.

Since the exact instruments that have the potential of being exposed to this problem have been closely identified, go to **http://sa.tm.agilent.com/8560/service_notes/8560EC-08.html** and enter the instrument model and serial number to see what extend it is covered by this service note, or if it has already been applied.

Solution/Action:

Replace the assemblies that the web site listed above authorizes for the particular instrument being repaired. If the web site determines that this instrument is not covered by this service note or that it has already been fully applied the instrument does not qualify for this service note.

If any assemblies are replaced due to this service note refer to the instrument service guide for information on what adjustments and performance verification tests need to be run to ensure proper functionality and performance.