# <u>SERVICE NOTE</u>

Supersedes: None

E8257C-02

## E8257C PSG Analog Signal Generator

Serial Numbers: E8257C : MY43000266 to MY43000377, MY43000162, MY43000198 Suspect part 5087-7061 serial numbers: 4843, 4846, 4849, 4852, 4855, 4857, 4858, 4859, 4860, 4869

The 5087-7061 (A30 Mod/Filter) serial numbers listed above have a potential reliability problem and should be replaced when the instrument is in the service center.

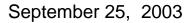
To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required: P/N	Description	Qty.
5087-7061	A30 Mod/Filter	1

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
MODIFICATION RECOMMENDED				
ACTION	[[]] IMMEDIATELY	STANDARDS:		
CATEGORY:	[[]] ON SPECIFIED FAILURE	LABOR: Inspection .5 Hours		
		Replacement required 3.5 hrs		
	x AGREEABLE TIME			
LOCATION	[[]] CUSTOMER INSTALLABLE	SERVICE [[]] RETURN	USED x RETURN	
CATEGORY:	[[]] ON-SITE	INVENTORY: [[]] SCRAP	PARTS: [[]] SCRAP	
	x SERVICE CENTER	x SEE TEXT	[[]] SEE TEXT	
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL:	October 1, 2005	
AUTHOR: DMc	PRODUCT LINE: 15			
ADDITIONAL INFORMATION:				
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### Situation:

A FET used in the 5087-7061 assemble has the potential for an early failure. All suspect parts but those listed above were caught before being shipped.

### Solution/Action:

When an E8257C a suspect serial number is returned to the service center for repair or calibration, remove the external cover and inspect the 5087-7061 serial number. Use the PSG Service Guide Replaceable Parts section to determine the location of the A30 Mod/Filter. If the A30 Mod/Filter microcircuit has a suspect serial numbers, replace the microcircuit under warranty. If the A30 Mod/Filter microcircuit serial number does not match one of the suspect serial numbers, do not replace the microcircuit.

Disposal: Clearly mark all suspect parts as "5087-7061 Service Note Replacement" and return the part using the BOPP process. In addition, send an email to "PGU, Sources" and title the email "5087-7061 Service Note Replacement". In the email include the instrument model and serial number and the microcircuit serial number.