

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E8247C-01

S E R V I C E N O T E

Supersedes:
None

E8247C PSG Analog Signal Generator

Serial Numbers:

E8247C : MY43000233 to MY43000280, MY43000001, MY43000173

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 CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: Inspection .5 Hours Replacement required 3 hrs	
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 checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> 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 E8247C 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.