8648C-03S E R V I C E N O T E

Supersedes: NONE

8648C Signal Generator

Serial Numbers: ALL

Ensuring the correct motherboard part number is entered when using the Motherboard Repair Utility.

Parts Required:

P/N Description Qty.

NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
AUTHOR: PY	PRODUCT LINE: 15
ADDITIONAL INFORMATION:	

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Situation:

After replacement of the motherboard, you will be required to use the 8648 Motherboards Utility which will download information into the controller portion of motherboard. Motherboard part number is 08648-60314 (for serial number prefix < 3836A/3836U) and 08648-60614 (for serial number prefix => 3836A/3836U). Currently 08648-60614 board is ordered with part number 08648-60053. Entering the motherboard part number to **0053** as the last 4 digit of the motherboard part number in the Motherboard Repair Utility will cause the instrument AM modulation not functioning below 1GHz.

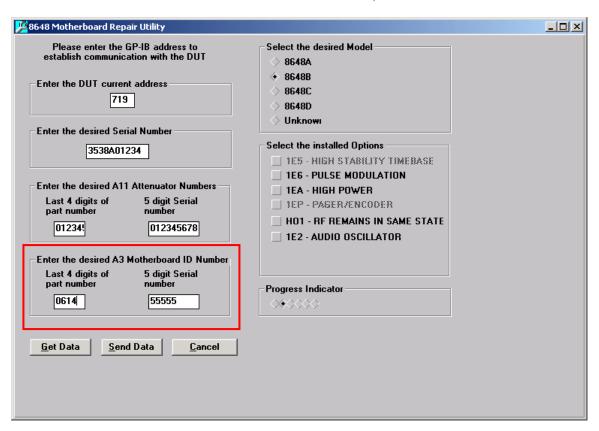
Solution/Action:

After opening the Motherboard Repair Utility, you are required to enter the correct instrument serial number, model number and ensure the options installed are correct. For the 8648B/C/D models, enter the last 4 digits of the A11 attenuator serial number.

On the A3 Motherboard ID number portion, use the following guide below when entering the last 4 digits of part number

For serial number prefix < 3836A/3836U, the last 4 digits is "0314"

For serial number prefix => 3836A/3836U, the last 4 digits is "**0614**" (do not enter 0053 as the last 4 digits or else the AM modulation function below 1GHz will not work)



For more information, you can refer to Chapter 7 of the Service Guide, in the 'Motherboard Repair Utility' section. (this is a big file, will take awhile to download) http://cp.literature.agilent.com/litweb/pdf/08648-90048.pdf