

E8257D-29

S E R V I C E N O T E

Supersedes:
None

E8257D Analog Signal Generator

Serial Numbers:

MY00000000/MY49280000 and US00000000/US49280000

A self-test error 1203 occurs when replacing a 40 GHz doubler with replacement part 5087-7717.

Parts Required:

None

ADMINISTRATIVE INFORMATION

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

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Situation: The new 40 GHz Doubler, part number 5087-7717 is replacing 5087-7064. When replacing part 5087-7064 with the new part number 5087-7717, the upper self-test limit of “DBLR bias off” needs to be updated. The upper self-test limit is 0.1.

Solution/Action:

1. When the 5087-7717 is replaced and self-test 1203 fail, verify the self-test limit by pressing: Utility, Instrument Information/Help Mode, Self-Test, and View Test Info.
2. Using the RPG or up and down arrow keys scroll to self-test 1203. Press: Run Highlighted Test.
3. When self-test is completed press: View Details. Using the RPG or up and down arrow keys scroll to the “DBLR bias off” upper limit should be 0.1.

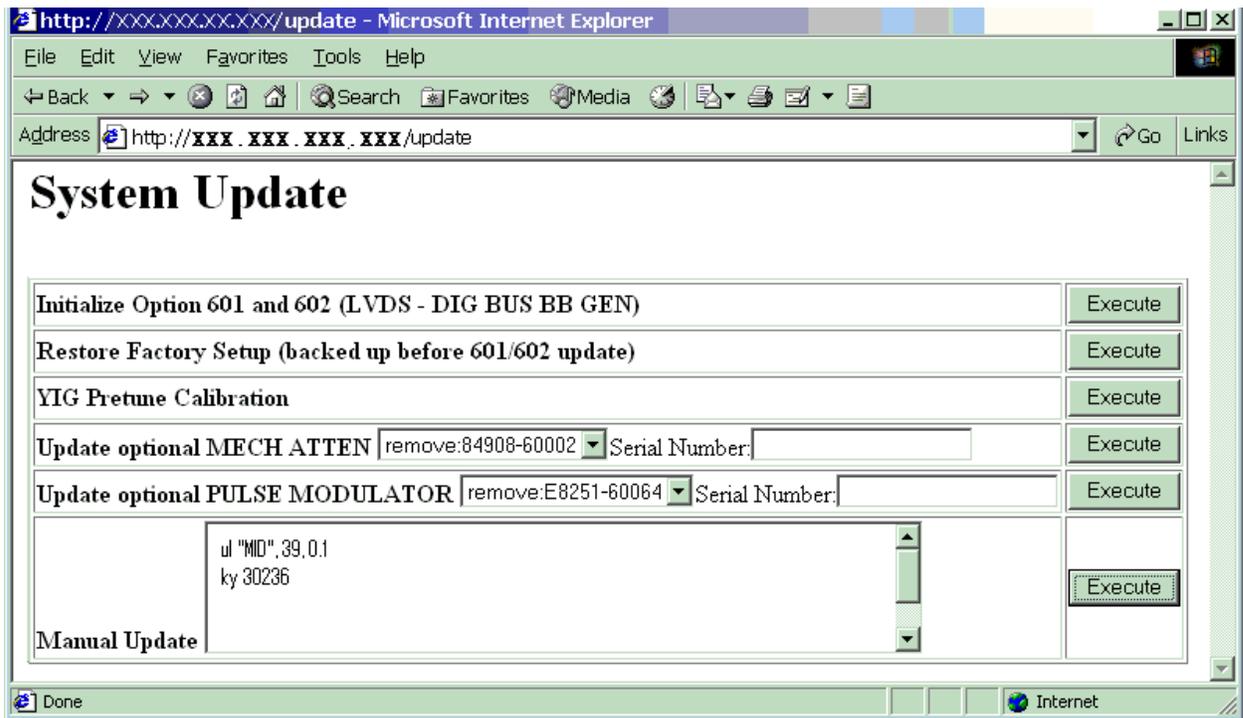
“DBLR bias off” Lower = -7 Upper = 0.1

4. If the upper self-test limit is correct continue to troubleshoot the problem using the troubleshooting procedure in the service guide.
5. If the upper self-test limit is not correct, update the self-test limit.

Procedure to update the upper self-test limit:

- 1) Configure LAN: Connect the unit to LAN, E8257D press: Menu [Utility], [GPIB/RS-232/LAN], [LAN setup], [DHCP] [Proceed with reconfiguration] [confirm Change].
Get IP address press: Menu [Utility], [GPIB/RS-232/LAN], [LAN setup]
IP Address: xxx.xxx.xxx.xxx
- 2) Open a browser window and type in the instrument IP address: http:// xxx.xxx.xxx.xxx/update.
Copy and paste the scrip below in the **Manual Calibration and Self-Test Update** box.

ul "MID", 39, 0.1
ky 30236



- 3) Click Execute.
- 4) When “Operation completed” is shown, cycle power and re-run self-test.