

S E R V I C E N O T E

SUPERSEDES: None

6627A Multiple Output DC Power Supply

Serial Numbers: See Below

Replacing the GPIB or LCD Display

Duplicate Service Notes:

- 6621A-11 Serial Numbers: 3737A03086 / 9999Z99999
- 6622A-09 Serial Numbers: 3736A04021 / 9999Z99999
- 6623A-13 Serial Numbers: 3736A05451 / 9999Z99999
- 6624A-09 Serial Numbers: 3735A13801 / 9999Z99999
- 6625A-08 Serial Numbers: 3738A01389 / 9999Z99999
- 6626A-08 Serial Numbers: 3737A02259 / 9999Z99999
- 6627A-03 Serial Numbers: 3735A02356 / 9999Z99999
- 6628A-08 Serial Numbers: 3738A00683 / 9999Z99999
- 6629A-08 Serial Numbers: 3738A00968 / 9999Z99999

To Be Performed By: Agilent-Qualified Personnel

Continued

DATE: October 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
GS	2100	

Parts Required:

Description	P/N	Qty.
Tested GPIB	5063-4835	1
LCD Display	5063-3472	1

Situation:

The LCD (P/N 5063-2304) has been replaced by an LCD without a translator chip (P/N 5063-4835) and the decoding has been moved to the GPIB board (which has also been changed). Therefore the older LCD/GPIB board is not compatible with the newer GPIB board/LCD. The older GPIB has P/N 5060-3437 while the new GPIB has P/N 5063-4835.

Solution / Action:

When inventory is depleted and the older GPIB board needs to be replaced, replace both the GPIB board and the LCD with their newer versions.

LCD 5063-2304 with the translator chip is still available.

The newer GPIB is compatible for all 662X products, but the on-board switch (Cir. Ref. SW1) on assembly 5063-4835 must be set differently according to the model number. The DIP switch has four positions. Position 1 is the selector and is ON or up for all 6621A, 6622A, 6623A, 6624A, and 6627A and OFF or down for all 6625A, 6626A, 6628A, 6629A. Positions 2 and 3 are for CAL LOCKOUT and SKIP SELF TEST respectively. They are OFF or down normally. Position 4 is not used.

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cal lockout_____ skip self test
select__|_|_|_|_|not used
         _|_|_|_|_|
<----GPIB on | 1 2 3 4 |
Connector off|_____|

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