

S E R V I C E N O T E

SUPERSEDES: None

**8665A Synthesized Signal Generator
A5 LF Driver**

Serial Numbers: See Below

Deceptive LF Driver failure codes

Duplicate Service Notes:

8664A-06 Serial Numbers: 0000A00000 / 3546A99999

8665A-07 Serial Numbers: 0000A00000 / 3546A99999

8665B-05 Serial Numbers: 0000A00000 / 3546A99999

To Be Performed By: Agilent-Qualified Personnel

Situation:

When activating special 320 (service diagnostics), certain result codes sometimes appear falsely in the instruments with serial numbers listed above. These codes may not appear using Special Functions 170 through 172.

Continued

DATE: December 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: December 1999
AUTHOR: MW	ENTITY: 5320	ADDITIONAL INFORMATION:

-10,138,xxx
-10,144,xxx
-10,150,xxx
-10,156,xxx

The problem may be with the diagnostic firmware's set voltage limits, and not the instrument's performance.

Solution / Action:

- A. The first recommended solution to this problem is a firmware upgrade (to version 4.2.2 or higher). If the firmware upgrade does not correct the problem, then replace the LF Driver assembly (P/N 08665-61205). Do not order the LF Driver Upgrade Kit (P/N 08665-60328) if the firmware is already at version 4.2.2 or higher.
- B. As a result of this firmware change, and the subsequent elimination of an old LF Driver assembly (08665-61005), it is necessary to upgrade the firmware to version 4.2.2 or higher when replacing the LF Driver. A universal LF Driver Upgrade Kit (P/N 08665-60328) is available, which includes the new LF Driver assembly and firmware upgrade kits.