

## S E R V I C E N O T E

SUPERSEDES: None

**83623B Swept Signal**

Serial Numbers: 0000A00000 / 9999Z99999

**Auto-tracking/peaking error due to an incorrect cal constant value with firmware 29 Feb 96 and newer.****Duplicate Service Notes:**

|           |           |
|-----------|-----------|
| 83620A-06 | 83620B-07 |
| 83621A-03 | 83621B-04 |
| 83622A-05 | 83622B-06 |
| 83623A-06 | 83623B-07 |
| 83623L-07 | 83624A-05 |
| 83624B-06 | 83630A-07 |
| 83630B-07 | 83630L-07 |
| 83631A-04 | 83631B-04 |
| 83640A-07 | 83640B-08 |
| 83640L-08 | 83650A-07 |
| 83650B-07 | 83650L-07 |
| 83651A-03 | 83651B-05 |

**Situation:**

Several instruments have failed auto-tracking/peaking due to an incorrectly set cal constant. The default value for cal constant 249 changed from 0 to 2048 with firmware revision 29 Feb 96.

*Continued*

DATE: September 1999

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

DM

ENTITY:

5320

ADDITIONAL INFORMATION:



**Solution / Action:**

If an tracking/peaking problem occurs and the firmware revision is 29 Feb 96 or newer, check and set if necessary cal constant 249 to 2048. Also, when replacing A15 CPU or firmware, pay close attention to the all the steps in the instructions included with the replacement assembly.