

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

SUPERSEDES: None

**37907A Signaling Advisor**

Serial Numbers: GB00000001/GB00002000 Inclusive

**This note describes the process used to upgrade the Data Acquisition Bandwidth. This upgrade will allow a customer to use the latest applications eg. 4 x Gb links.**

To Be Performed By: Aligent Qualified Personnel

**Tools Required:**

Small posi drive screwdriver  
 Small flat edge screwdriver  
 3/16 inch hex driver  
 1/4 inch hex driver  
 #10 Torx driver

**Supplied by customer:**

37907A, Interface Modules (if possible) and 15827A Opt 005 upgrade kit.

**Situation:**

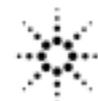
Some new Signaling decodes and applications require more bandwidth to process all the data. This upgrade replaces the DAB card to provide this.

*Continued*

DATE: July 2001

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION AVAILABLE</b>		
ACTION CATEGORY:	AGREEABLE TIME	<input checked="" type="checkbox"/> PERFORMANCE ENHANCEMENT <input type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: October 2002
AUTHOR: EM	ENTITY: E610	ADDITIONAL INFORMATION: Factory paid installation with the upgrade product purchase.



**Note:**

This upgrade product includes the installation labour for the new hardware. The installation labour should be billed to TNTD warranty as a field installation 02F. The recommended labour time including Self-Test is 2-3 hours.

**Solution/Action:**

Installation of the new DAB card.

1. Use the Mainframe Disassembly Procedure located at [http://nsqfxp01.britain.agilent.com/intradoc/groups/Agilent/documents/Service\\_Documentation/XPD001204.doc](http://nsqfxp01.britain.agilent.com/intradoc/groups/Agilent/documents/Service_Documentation/XPD001204.doc) to replace the DAB card.

**Note:**

Be careful not to bend the connector pins on the Multi-pin interconnector.

2. Reassemble the Signaling Advisor and fit the "Enhanced B/W" label (if supplied) to the rear panel.
3. Check that the Interface Modules fit properly and the locking mechanism works correctly. Keep the Interface Module(s) fitted as it can be used for Self Test later.
4. To verify correct operation run the instrument Self Tests as follows:
  - a) Double-click on the "Signaling Advisor" icon in the Desktop area of the display.
  - b) Click the "Post Capture" button.
  - c) Click on the "Tools menu" then select "Self Tests".
  - d) Click the "All Tests" button.

**Note:**

Some Self-Tests require Loopback cables to be fitted. If you do not have these cables then you can individually deselect these tests before running.

- e) Click "Run Tests".
  - f) At the end of the tests "No Errors" should be displayed and the indicator should be green.
5. Use the same packaging that the unit and upgrade kit came in to return the unit and software to the customer.

Keep the old DAB boards for spares.