

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

8753ET-05

S E R V I C E N O T E

Supersedes:
NONE

8753ET RF Network Analyzer

Serial Numbers: ALL

The connectors of the ribbon cable (Agilent part number 8120-8409) that connect the front panel display to the front panel interface board can loosen, causing a display failure, unless a new assembly procedure is followed.

**Parts Required:
NONE**

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY
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ADDITIONAL INFORMATION:

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Situation:

The connectors of the ribbon cable (Agilent part number 8120-8409) that connect the front panel display to the front panel interface board can loosen, causing a display failure, unless a new assembly procedure is followed. If the ribbon cable's connectors are loosely joined, the display may appear:

- Inverted
- Mirror-imaged
- White
- Distorted
- Flickering

Solution/Action:

If there is any rework done in or around the front panel display, or if there is a display-related failure, verify that the ribbon cable's connectors are fully joined by using the following assembly procedure.

New Assembly Procedure for Connecting Ribbon Cable 8120-8409:

1. Firmly push the ribbon cable's female connector into its male connector. If making a first-time connection, push until a click is heard, indicating that the connector parts are fully joined together. If the connection has previously been made and is secure, you will not hear a click.
2. After the connection is made, the ribbon cable may lift-up just behind its connector. This exerts force on the connector that can eventually cause it to loosen. To avoid this, push down on the ribbon cable where it lifts up just behind its connector so that the ribbon cable is made to lie flat near the connector.
3. It is all right if the ribbon cable lifts up again further away from the connector.
4. Repeat step 1 to ensure the connector parts remain fully joined together.