

MODIFICATION RECOMMENDED

E6651A-03

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

Supersedes:  
NONE

E6651A Mobile WiMAX™ Test Set

Serial Numbers: MY49140101 / MY49140115

**Instrument Display Not Properly Aligned**

**Parts Required:**

| P/N  | Description | Qty. |
|------|-------------|------|
| NONE |             |      |

ADMINISTRATIVE INFORMATION

|   |   |   |
|---|---|---|
| SERVICE NOTE CLASSIFICATION:  |   |   |
| <b>MODIFICATION RECOMMENDED</b>   |   |   |
| ACTION CATEGORY:  | x ON SPECIFIED FAILURE<br><input type="checkbox"/> AGREEABLE TIME   | STANDARDS<br>LABOR: 0.5 Hours   |
| LOCATION CATEGORY:  | <input type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br>x SERVICE CENTER<br><input type="checkbox"/> CHANNEL PARTNER | SERVICE INVENTORY: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br>x SEE TEXT<br>USED PARTS: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br>x SEE TEXT |
| AVAILABILITY:   | PRODUCT'S SUPPORT LIFE  | NO CHARGE AVAILABLE UNTIL: 31-December-2011   |
| AUTHOR:   | FC  | PRODUCT LINE: 13  |
| ADDITIONAL INFORMATION:<br>Service inventory is unaffected by this modification as no parts are used. |   |   |

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**Situation:**

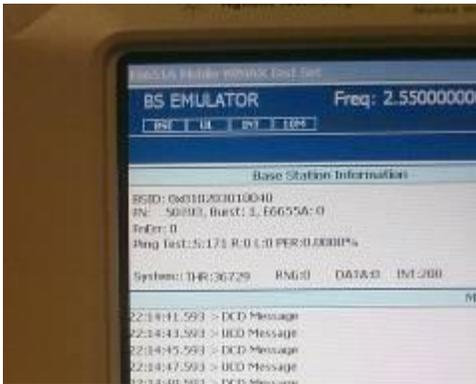
The E6651A display is auto-aligned by a step that was recently added to the manufacturing process. Instruments shipped before this step was added may exhibit a slight offset in their display.

If the display is not offset, then there is no need to take the action identified in this Service Note.

**Solution/Action:**

Figure 1 shows an example of an instrument that has not been auto-aligned. In this instance the display is visibly shifted to the left by several pixels, causing the leftmost columns to be cropped.

Figure 2 shows the same instrument display after auto-alignment. The leftmost characters are now clearly visible, as is the grey border around the “BS EMULATOR” frame.

*Figure 1**Figure 2*

This auto-alignment procedure can only be carried out at a Service Center, as some disassembly is required in order to access the front panel control buttons.

1. Remove the screws attaching the front panel to the chassis.
2. Extend the front panel on its sliding rail.
3. Switch on the instrument, and wait for it fully boot-up.
4. Briefly press the second button below the LED (see Figure 3).
5. The display will immediately be auto-aligned, and a few seconds later the “OK / Cancel” popup message will disappear.
6. Switch off the instrument and re-attach the front panel to the chassis.

*Figure 3***Note:**

This procedure does not affect measurement performance of the instrument. No adjustments or additional tests are required after the instrument has been re-assembled.