



E6651A Mobile WiMAX™ Test Set Firmware Upgrade Procedure

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Firmware Upgrade

This is the firmware upgrade procedure for Agilent E6651A Mobile WiMAX Test Sets with installed firmware version 5.0.1.0 or later. It can be used to install E6651A BS Emulation or E6653A MS Emulation firmware.

Note: Do not attempt to upgrade a Test Set with currently installed firmware earlier than 5.0.1.0. To upgrade from an earlier version of firmware please contact your local Agilent sales office. Local Agilent sales offices are listed at <http://www.agilent.com/find/assist>.

Procedure:

Before starting the upgrade procedure, please ensure you have the following available:

- a. A PC with the WinZip application installed (www.winzip.com)
 - b. A USB Flash Memory Stick – 128MB capacity is adequate
1. For E6651A BS Emulation firmware, browse to the E6651A web page at <http://www.agilent.com/find/e6651a>. Select the **Drivers and Software** link from the **Technical Support** tab. Click the E6651A Series Instrument Firmware & Application Software link.

Note: For E6651A firmware revisions required for use with N6430A series Protocol Conformance Test (PCT) applications and the E6653A MS Emulation firmware (for PCT applications only), go to the PCT page at <http://www.agilent.com/find/pctdownloads>.

2. Click the required firmware version to start the download process. Save the file (for example; setup-E6651A-x.y.z.zip or setup-E6653A-1.2.3.4.zip) to a temporary location on your computer.
3. Insert the USB memory stick into your PC.
4. Using WinZip, *Extract* the files in the downloaded firmware Zip archive file to the root directory of the USB memory stick. (For example, right-click on the downloaded file, Select **WinZIP>**, **Extract to...** and select the USB memory stick as the destination folder in the pop-up window.)
 - a. Confirm a new directory called 'setup.inno' is at the root level of the memory stick.
 - b. Confirm that the one file within that directory is called 'Setup.cab'.
5. Insert the USB Memory stick into a USB port on the E6651A Test Set.
6. On the E6651A press **System > More** and select **Application Update**.
7. Select **Yes** when prompted "Do you want to install Application version X.x.x.x?" The installation process now continues automatically.

On completion, (about 1 minute from pressing **Yes**) the E6651A starts using the new firmware. The Firmware Upgrade process is now complete.

Note: Following installation of the new firmware on the E6651A test set, it is recommended that you upload the latest version of any required profiles. New versions of firmware may include updated profiles so it is necessary to check the profile list. New firmware may not operate correctly with an older profile.

When released, E6651A BS Emulation firmware updates will be available for download from <http://www.agilent.com/find/E6651A>. E6653A MS Emulation firmware releases for PCT test are available at <http://www.agilent.com/find/pctdownloads>.