Firmware Patch Version F1-05-72 for USB Mini Modem

This Firmware Patch is only for the following modem models:

- Zoom V.92 USB Mini External, Model 3095
- Hayes Accura V.92 USB Mini External, Model H08-15356

How to Apply the Firmware Patch

This Firmware Patch is a 2-file process. These files must be loaded using a terminal emulation program that can communicate with modems/serial ports and transfer ASCII or text files. The port settings in the program must be configured to a baud rate (port speed) between 9600 and 115200 bps and hardware flow control (RTS/CTS) enabled.

Below are steps for loading the firmware files using HyperTerminal, which is included with Windows 95 through XP. These instructions assume you have installed the modem using the Zoom or Hayes drivers, depending on which modem model you have. Refer to the modem's Quick Start or User Guide if necessary. The driver installation automatically configures the port settings.

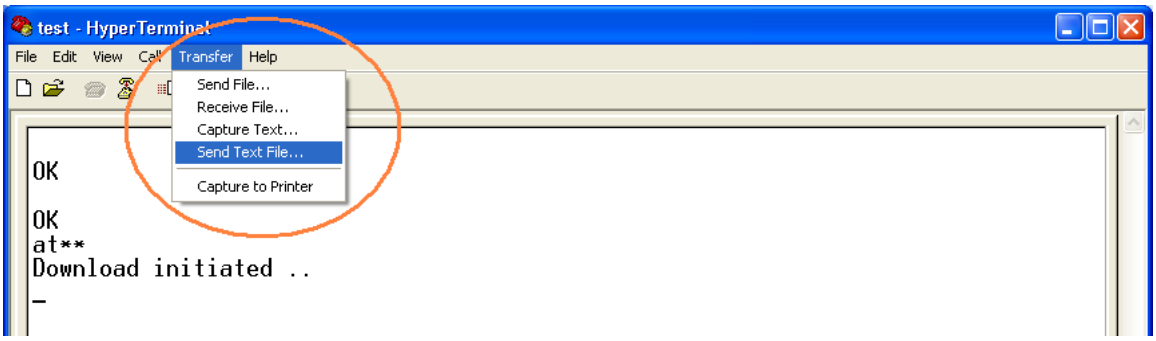
Windows Vista users will need to use a third-party terminal emulation program, such as the freeware TeraTerm Pro Web by Ayera Technologies (http://www.ayera.com).

Loading the Firmware Files Using HyperTerminal

1. From the **Start** menu, select **All Programs** (or **Programs**) → **Accessories** → **Communications** → **HyperTerminal** and open the **HyperTerminal** (or **Hypertrm.exe**) application.

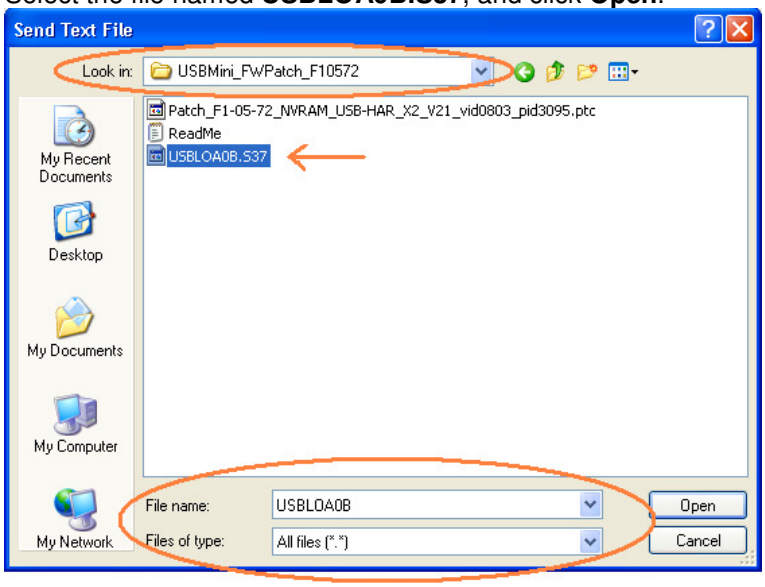
   Note: If HyperTerminal is not installed on your computer, from the **Start** menu, go to **Control Panel** (or **Settings** → **Control Panel**), open **Add/Remove Programs**, and click the **Windows Setup** tab. Select **Communications** and click the **Details** button. Select **HyperTerminal** and click **OK**, then **Apply**. You may be asked to insert your Windows installation disk.

2. When the **Connection Description** window appears, enter any description (e.g., "test") in the **Name** field, accept the default icon, and click **Next**.
3. On the **Connect To** window, enter any number (e.g., "123") in the **Area Code** and **Phone Number** fields, select **USB Modem** from the **Connect using** drop-down menu, and click **Next**.
4. On the **Connect** window, click **Cancel**.
5. On the white screen with a blinking cursor, type **`AT&F`** (even if the command characters are not echoed on screen) and press **Enter**. The modem should respond **`OK`**.
   Note: The command characters are not case sensitive.
6. Type **`AT**`** and wait for the **`Download initiated ..`** response.
7. From the **Transfer** menu (top of the screen), select **Send Text File**.



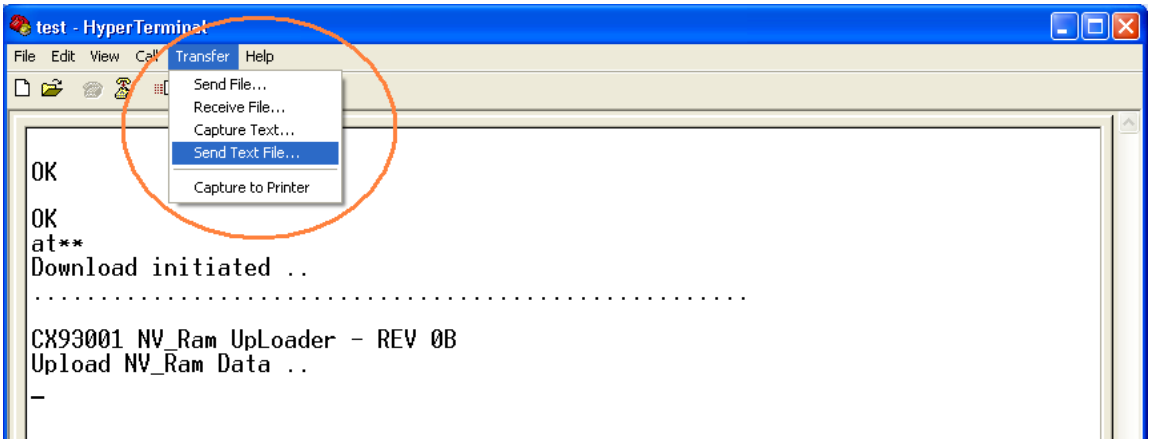
8 The **Send Text File** dialog box appears:

- Next to **Files of type**, select **All files**.
- Next to **Look in**, navigate to the folder named **USBMini_FWPatch_F10572**, and click **Open**.
- Select the file named **USBLOA0B.S37**, and click **Open**.



9 Wait for the modem to respond with **`Upload NV-Ram Data ..`**

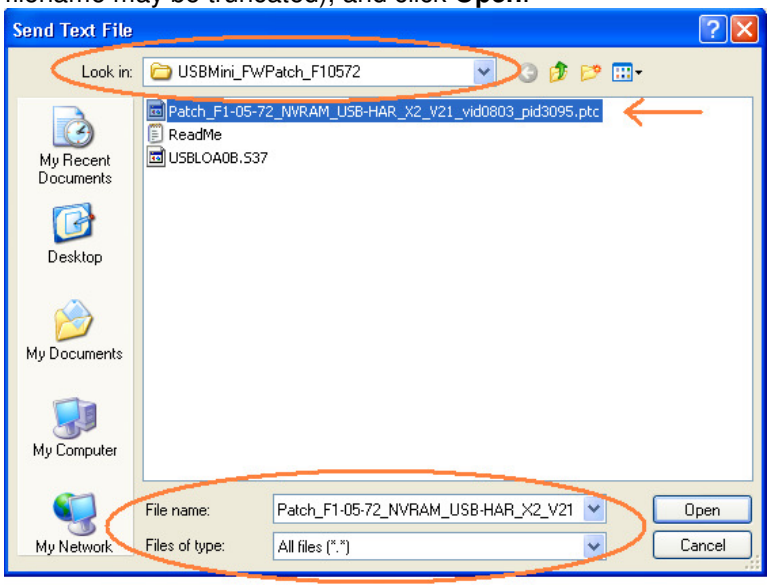
10 From the **Transfer** menu (top of the screen), select **Send Text File**.



11 The **Send Text File** dialog box appears:

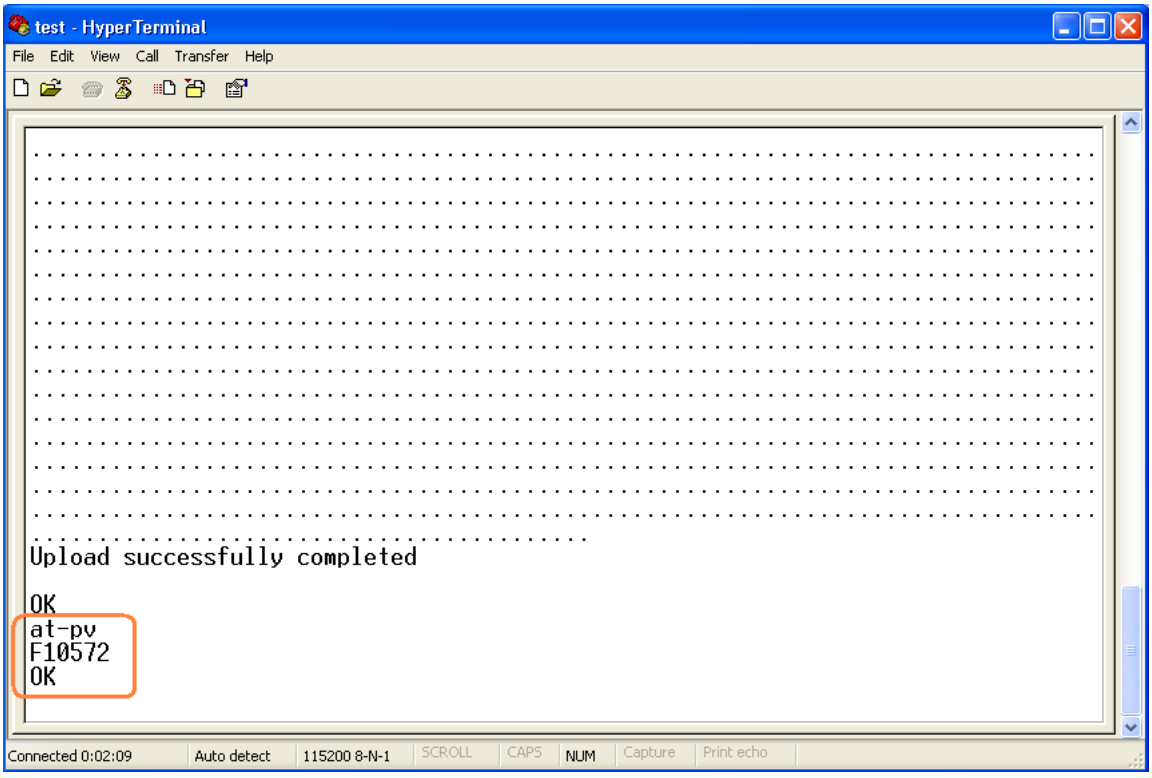
- Next to F**iles of type**, select **All files**.

- Next to **Look in**, navigate to the folder named **USBMini_FWPatch_F10572**, and click **Open**.
- Select the file named **Patch_F1-05-72_NVRAM_USB-HAR_X2_V21_vid0803_pid3095.ptc** (this filename may be truncated), and click **Open**.



12 The modem will display a series of dots. This could take several minutes. Please wait for the modem to respond with **`Upload successfully completed...`** and **`OK`**.

13 To confirm the patch was loaded successfully, type **`AT-PV`** and press **Enter**. The modem should respond with **`F10572`**.



14 To close HyperTerminal, select **File** then **Exit**. It is not necessary to save the connection.