Agilent E7580A
ProBER2

Firmware Upgrade Guide

Agilent Technologies

Notices

Manual Part Number

Not Applicable

Edition

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1 Firmware Upgrade Procedure

This firmware upgrade procedure is suitable for ProBERs with build status 2.0 or greater. (See the label on the rear of the instrument).

You require a PC and a null modem cable, such as HP24542U or F1047-80002 or 5182-4794 and the firmware file.

The firmware file to obtain and upload is one of:
ESP.pfy for the English/Spanish/Portuguese language option
ECH.pfy for the English/Chinese language option

Step 1

Connect your PC serial port to the ProBER using the null modem cable. The serial port is usually designated as COM1 (or COM2 if there are two of them).

On the PC -

1 Run **Hyperteminal**. This is usually found under Programs -> Accessories -> Communications

2 Call your new connection **Prober**

3 Connect using **COM1**

4 Set the **COM1 Properties** as:

Bits per second: **19200**
Data bits: **8**
Parity: **None**
Stop bits: **1**
Flow control: **Hardware**

Step 2

On the ProBER -

1 Press the following keys in sequence:
<MENU> <UP> <MENU> <UP> <DOWN> <LEFT> <RIGHT> <MORE> <OTHER> <DOWN> <MORE> <MORE>

2 Press the **Software Upgrade** softkey, then press <DOWN>

3 Press the **Run Update** softkey.

Step 3

On the PC -

You should see something similar to:

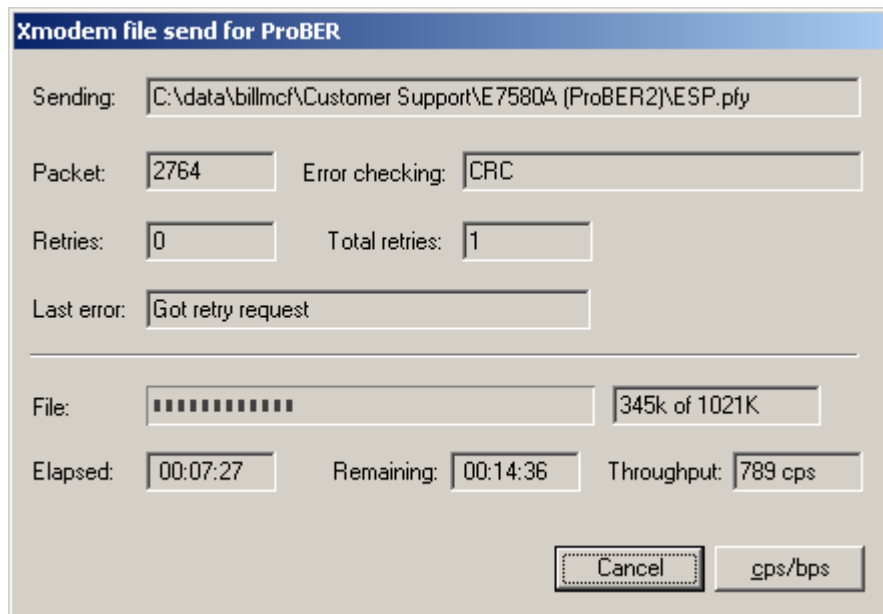**Preparing for X-modem File Transfer...**

Waiting...

CCCC

Letter "C"s should appear on the Hyperterminal indicating that the ProBER is waiting for the upgrade file.

4 From the Hyperterminal window, select **Transfer**

5 Select **Send File...**

6 Select **Filename** either ESP.pfy or ECH.pfy as described above

7 Select **Protocol: Xmodem**

8 Click **SEND** and the transfer begins. This is shown on the
ProBER by flashing LED's and information on the LCD.
Hyperterminal will display a progress dialog box with an
estimate of the download time remaining. The data transfer takes
between 20 and 30 minutes.

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In This Guide

This document contains the instrument software upgrade procedure for the Agilent E7580A ProBER 2.

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