

9.4.12 firmware updating procedure.

The tool will be available for this location

<http://download.observator.com/files/?dir=Software/NEP59x/Windows%20configuration%20tool>

All available firmware will be available in this location

<http://download.observator.com/files/?dir=Software/NEP59x/NEP59x%20-%20Firmware>

The following instruction are designed to guide users on how to update NEP-595 software using the Flash Loader Demonstrator application and the new software available from the Analite website.

1. Download the updated NEP-595 software (*.hex) file from the Analite website.
 2. Download the “Flash Loader Demonstrator” application software from ST website and install it onto your Windows computer.
 3. Turn off NEP-595 power switch.
1. Connect NEP-595 to your PC using the Micro USB cable.
 2. Go to your computer device manager and find the correct COM port.

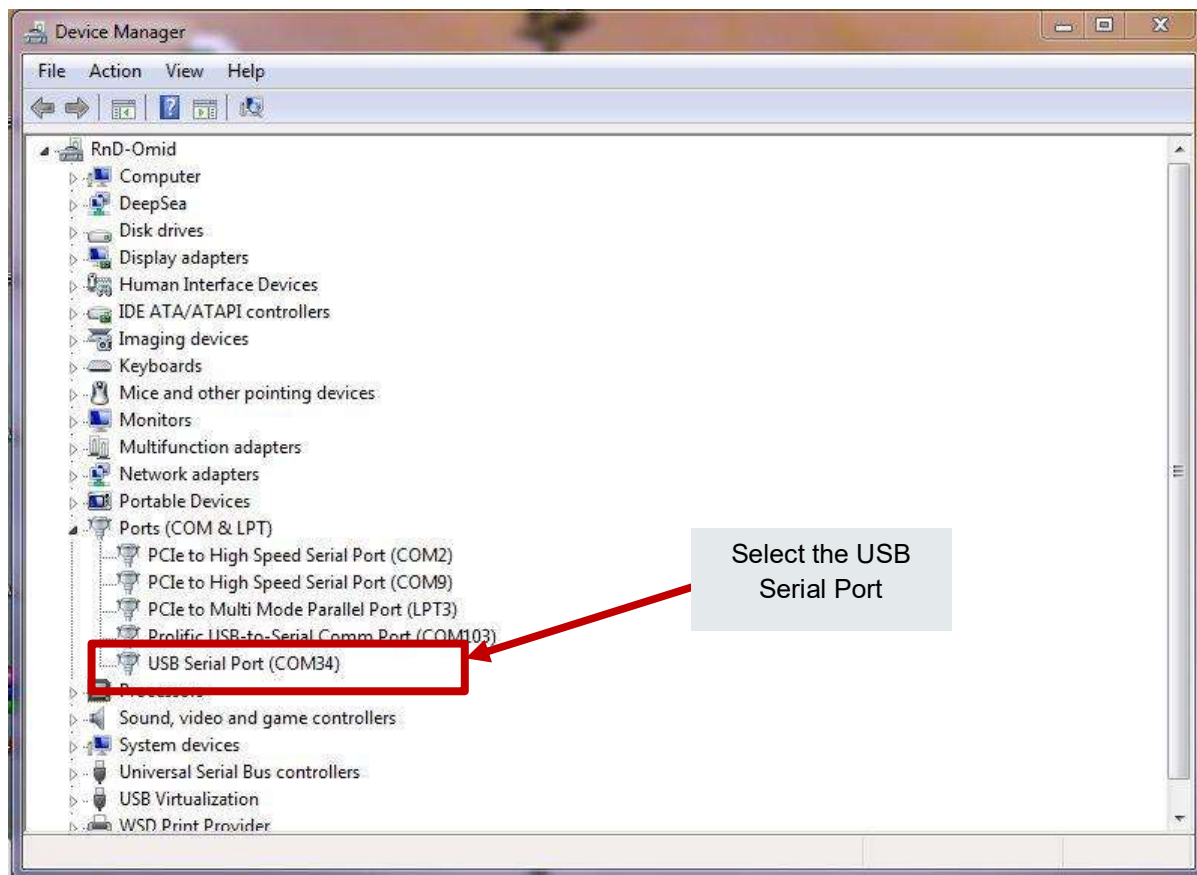


Figure 9.G: Identification of NEP-595 COM port

3. Press and hold the “Boot” button (also named “reset” in older versions) with a screw driver (or equivalent tool). While holding the “boot” button, turn on the power switch at the same time. After turning on, the button can be released (hold at least for 2 seconds).

4. Run Flash Loader Demonstrator application (the software previously installed in [step 2](#)).

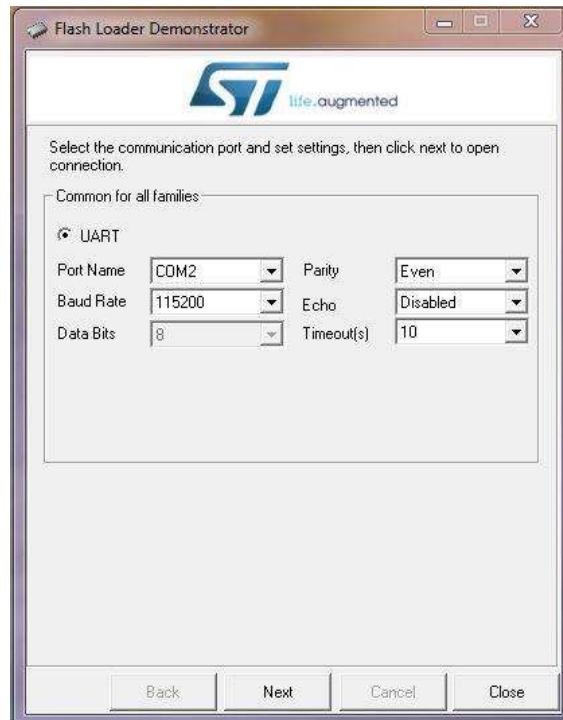


Figure 9.H: Run the Flash Loader Demonstrator

5. Select correct COM port in port name list (according to [step 5](#)) and click “Next”.

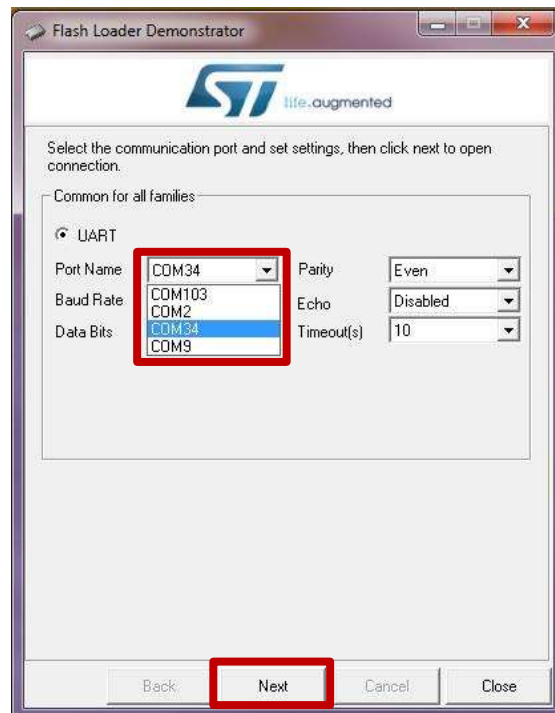


Figure 9.I: Select the correct COM port

6. If the bellow screen appeared it means connection is successful, click "Next".



Figure 9.J: Connection is successful

7. Wait a few seconds for the application to recognise the device and click "Next".

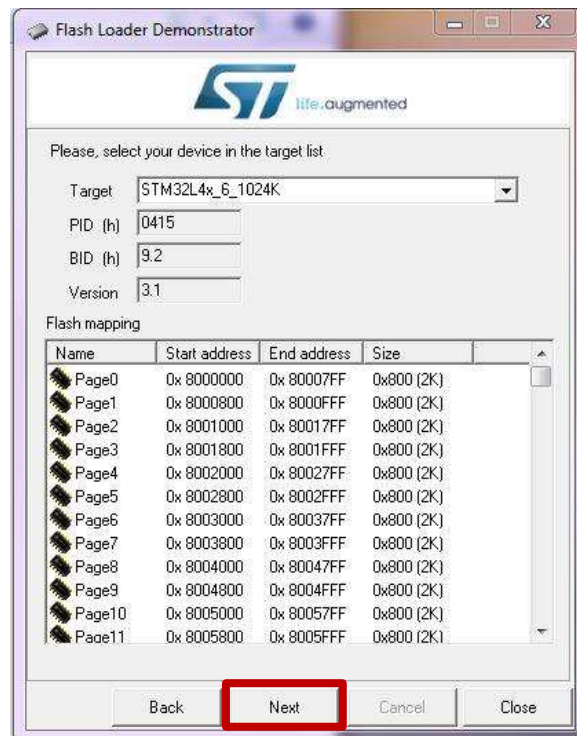


Figure 9.K: Click "Next"

8. Select "Download to device" and click on the "open button" to address the ".hex" file.

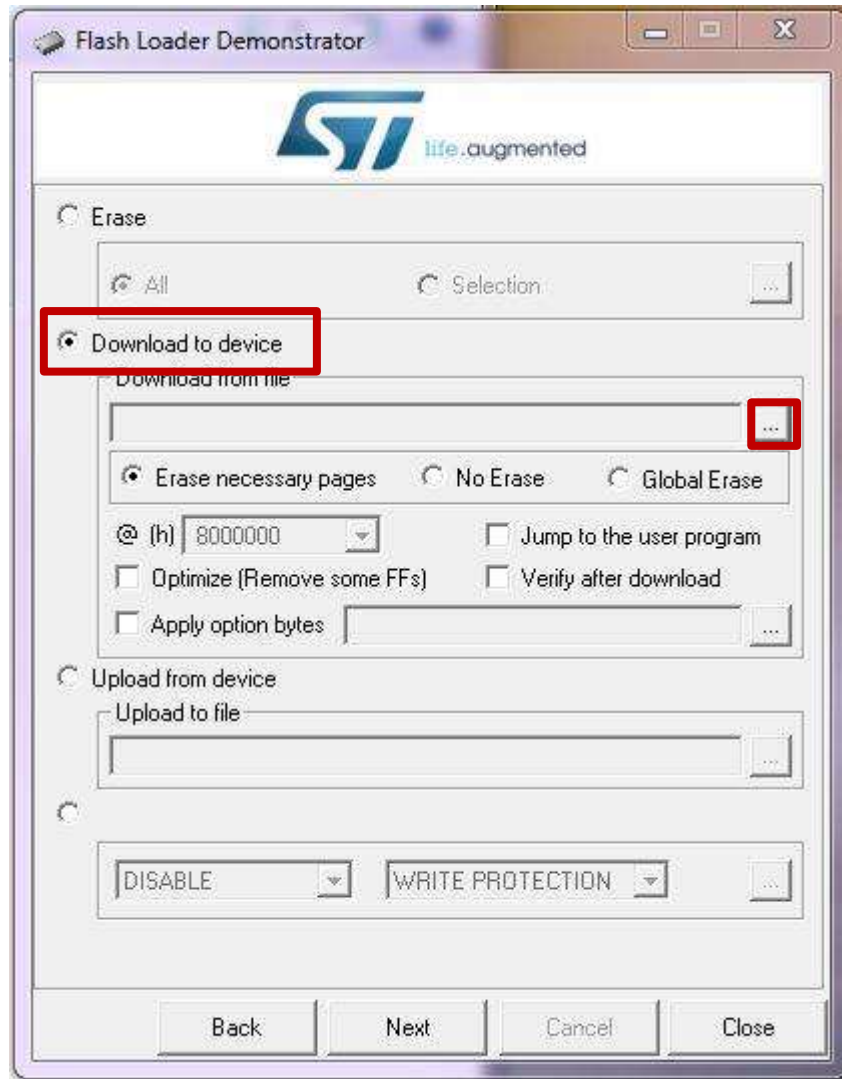


Figure 9.L: Select "Download to device"

9. Change (*.s19) files to (*.hex) file, in file type section.

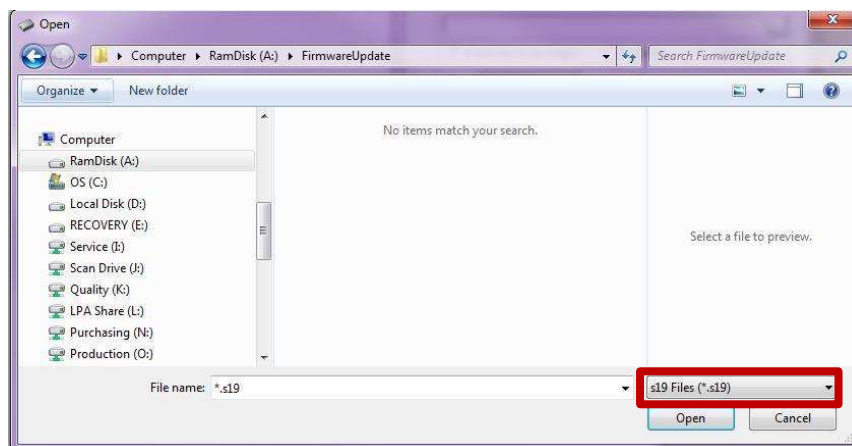


Figure 9.M: Enable (*.hex) visibility

10. You can now select the right file and click open.

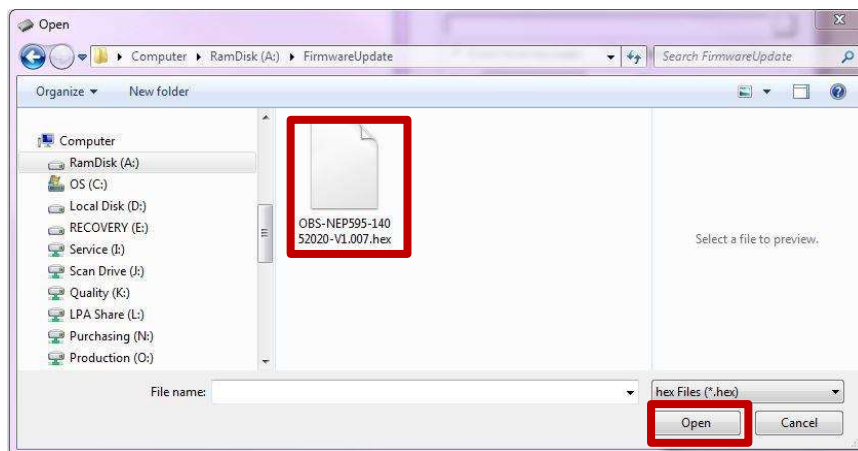


Figure 9.N: Select (*.hex) file

11. Click "Next".

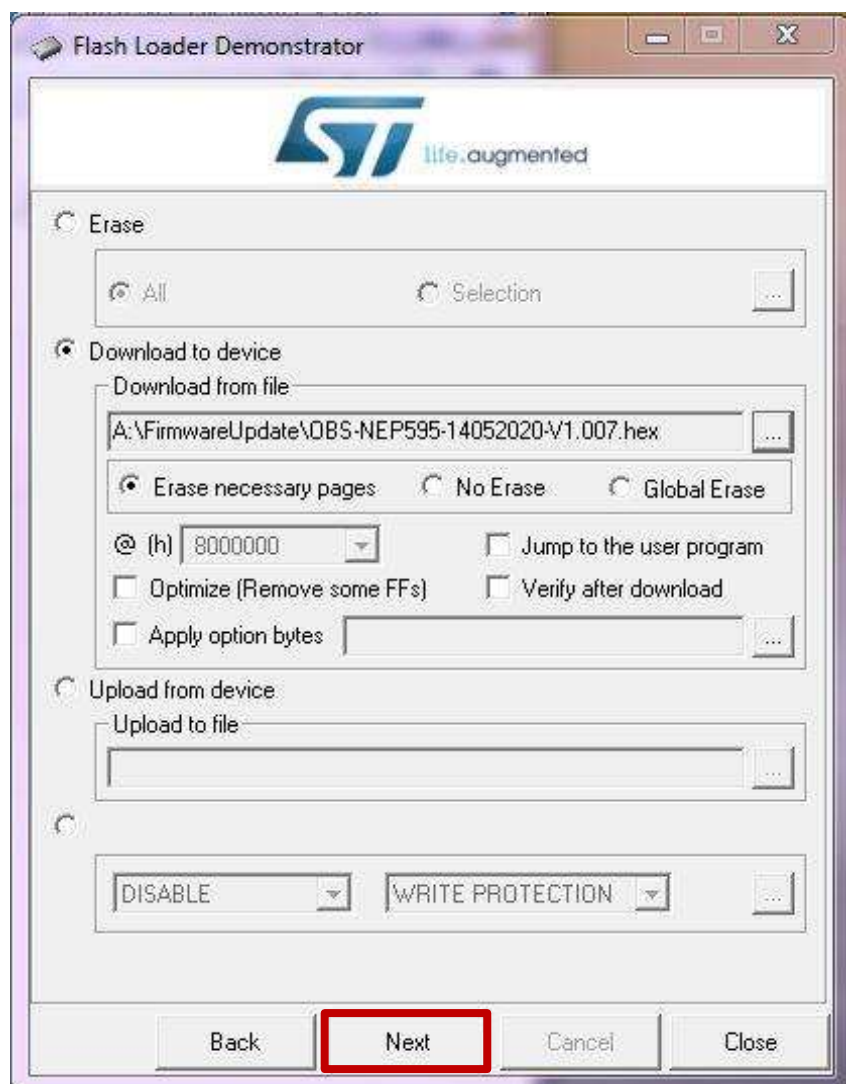


Figure 9.O: Select "Next"

12. Wait a few seconds for the updating process to finish.

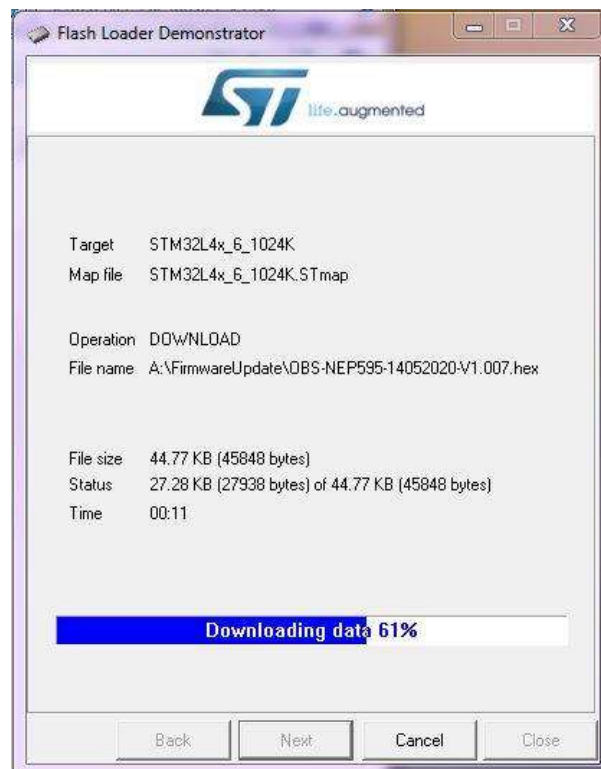


Figure 9.P: Updating in progress

13. When the software is fully updated, the following window will appear.



Figure 9.Q: Software has been updated

14. NEP-595 logger is now updated.
15. Click close and turn off the power switch.
16. Disconnect USB cable from computer.
17. Close NEP-595 protective cap.

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