Teseo-LIV3F
Firmware Upgrade

Version 1.1

Contents

Download the firmware

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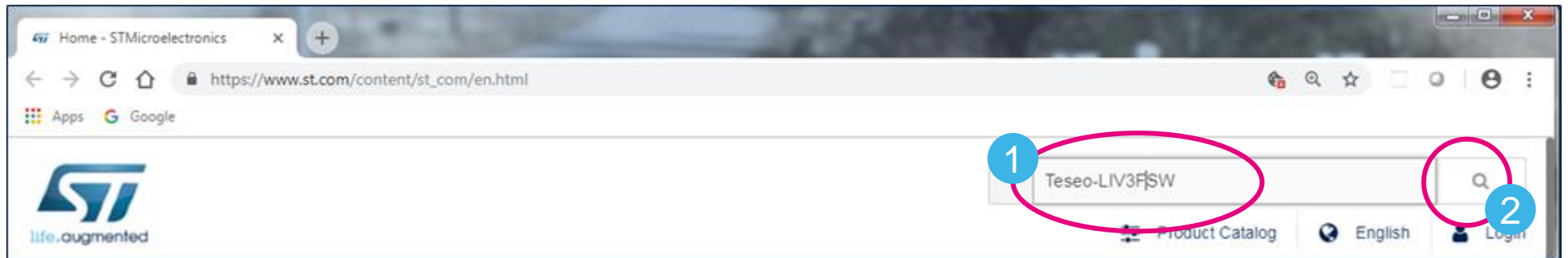|	
3	Upgrade Teseo-LIV3F on X-Nucleo-GNSS1A1

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Search the firmware

1 Search for TESEO-LIV3FSW in st.com

2 Execute the query

3 Select the correct entry

	Part Number	Status	Type	Category	Description
☐ ST (1)					
3	Teseo-LIV3FSW	Target	Embedded Software	Automotive Infotainment and Telematics Software	Teseo-LIV3F GNSS firmware

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Download the firmware to the PC

1 On the Teseo-LIV3FSW page

2 Click Get Software to download the firmware (Login and License agreement are required)

Prepare the binary file

1 In the User/Download folder

2 Find the file

3 Unzip the file
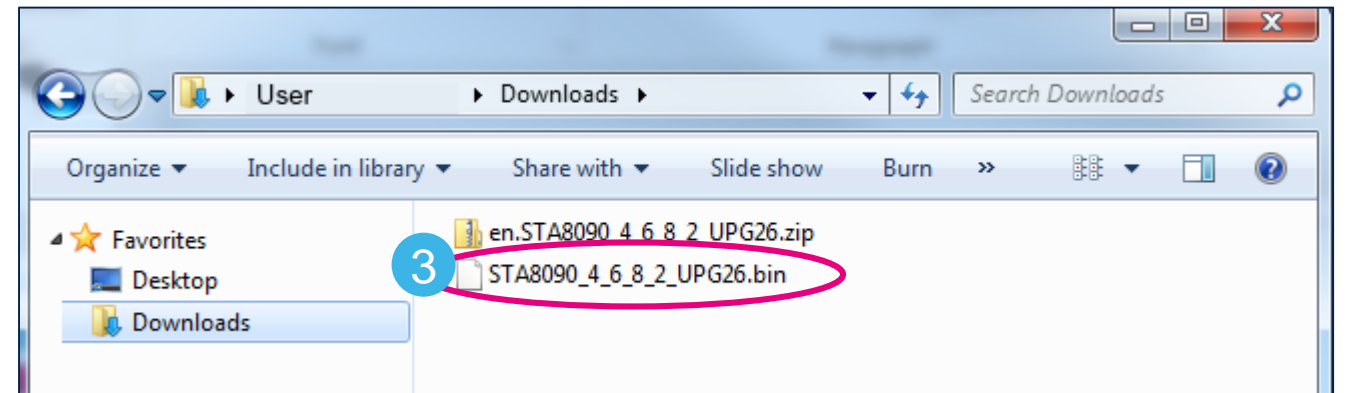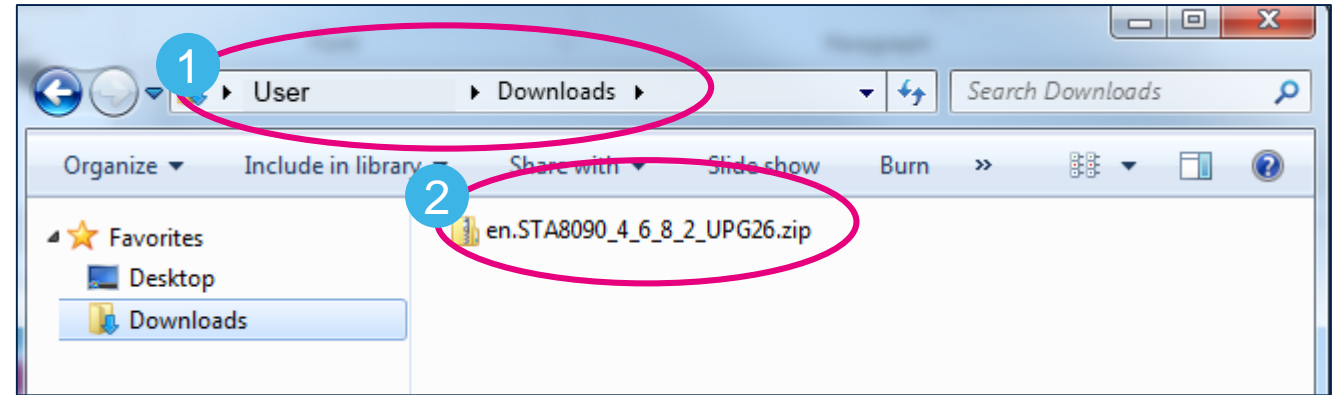
Upgrade EVB-LIV3F

1	Download the firmware

2	Upgrade Teseo-LIV3F on EVB-LIV3F

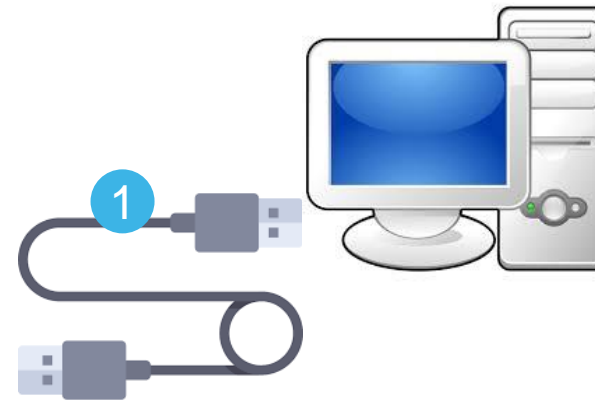| 3	Upgrade Teseo-LIV3F on X-Nucleo-GNSS1A1

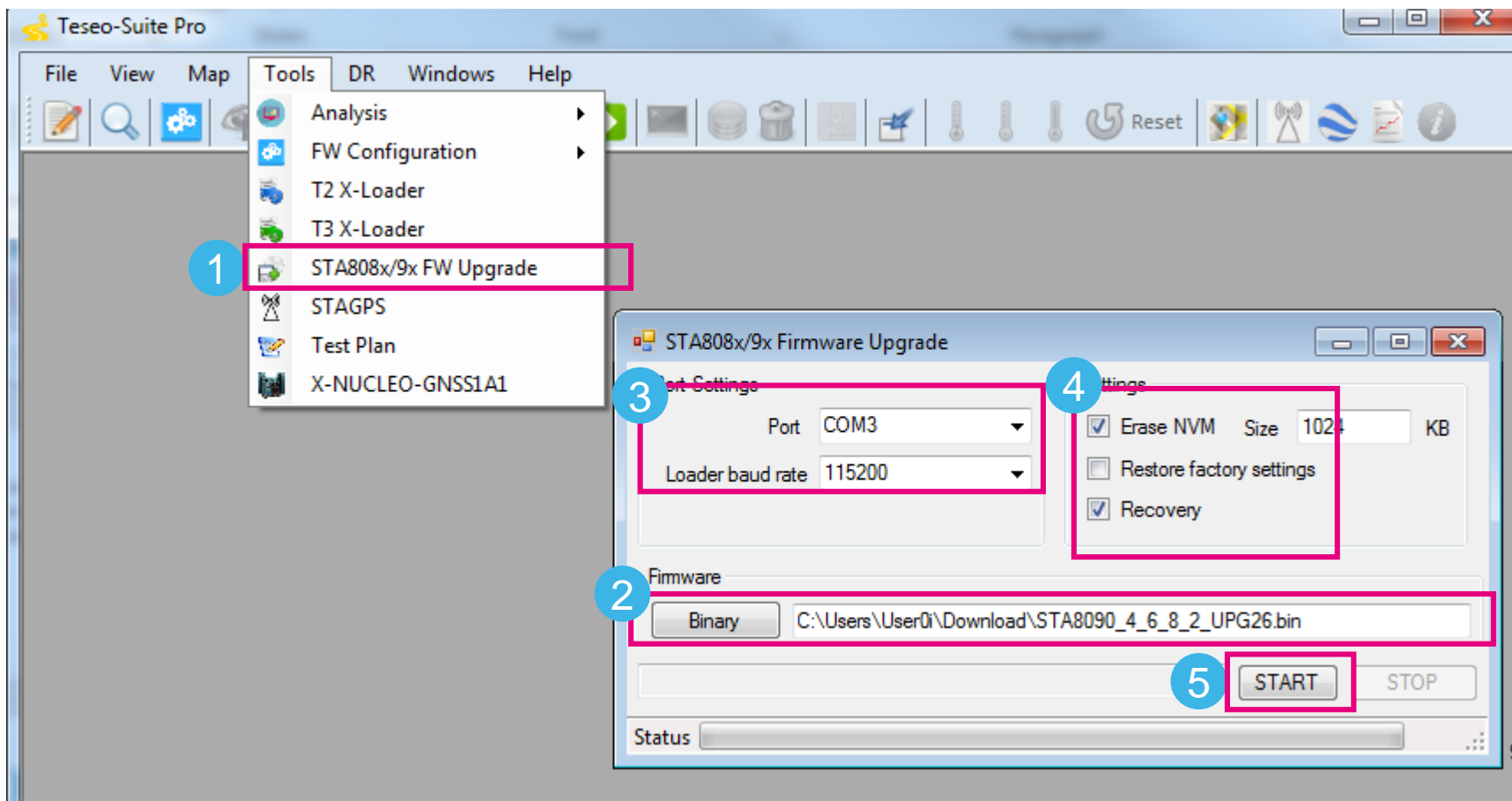| 4	Documents & related resources

Connect and start EVB-LIV3F

1. Connect the USB cable between your PC and the UART port of the EVB-LIV3F evaluation board

2. Press the evaluation board's power-on button

3. Verify that the RED Power LED is ON

Teseo-Suite: Firmware Update

1. Open the **Firmware Upgrade** panel in the Teseo-Suite PC software tool

2. Select the binary file from the file directory

3. Select the correct COM Port and baud rate (115200)

4. Set **Erase** and **Recovery**

5. Click Start to update the firmware

6. Press **Reset** on the EVB-LIV3F board

Upgrade X-NUCLEO-GNSS1A1

1	Download the firmware

2	Upgrade Teseo-LIV3F on EVB-LIV3F

3	Upgrade Teseo-LIV3F on X-NUCLEO-GNSS1A1

4	Documents & related resources

Teseo-Suite: X-NUCLEO-GNSS1A1
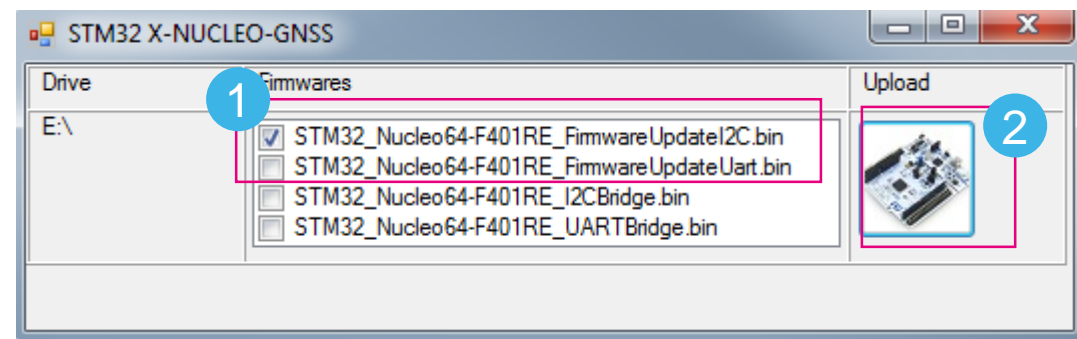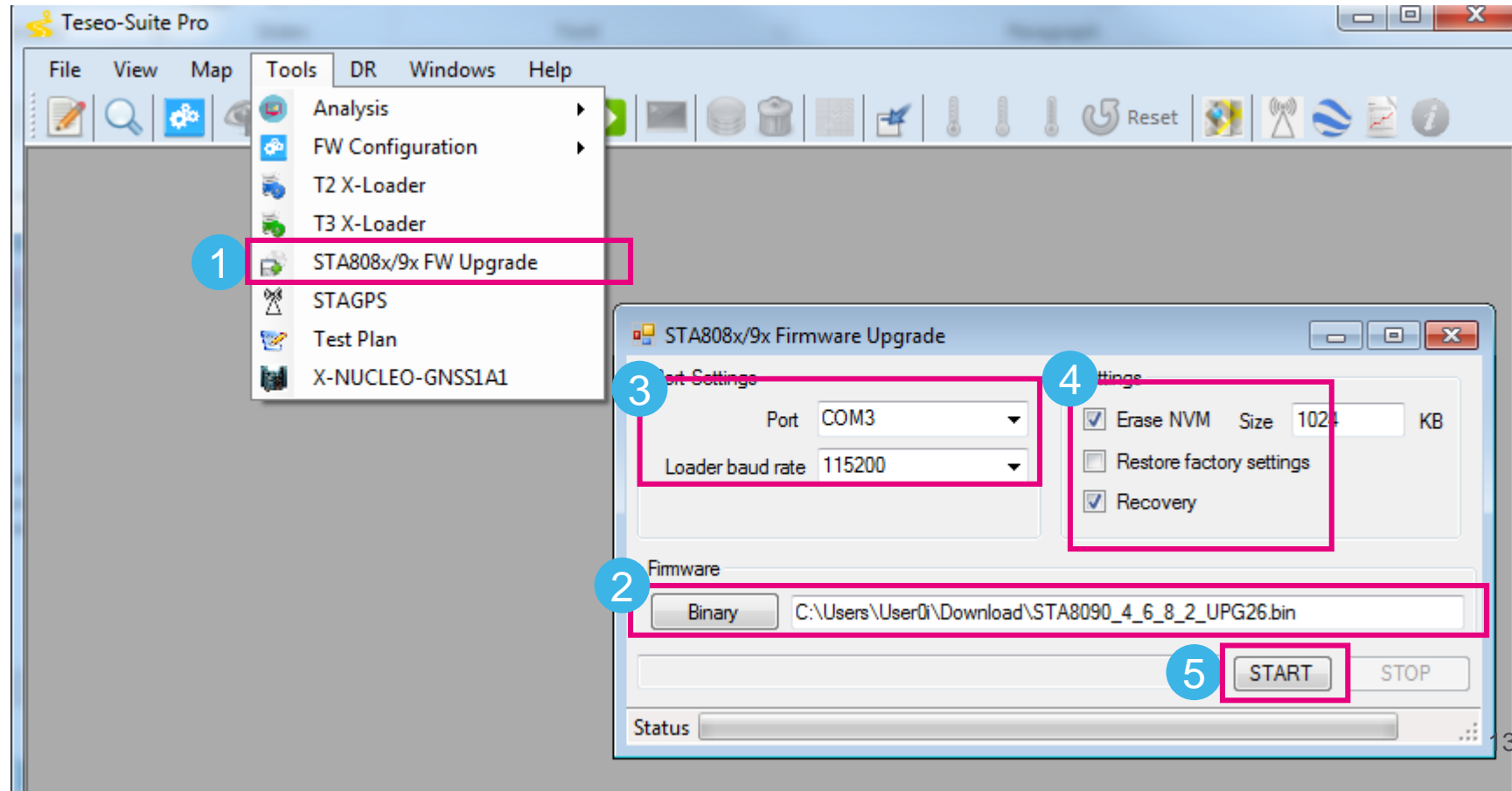
1 Select "X-NUCLEO-GNSS1A1"

2 Click "Update my STM32-Nucleo board…"
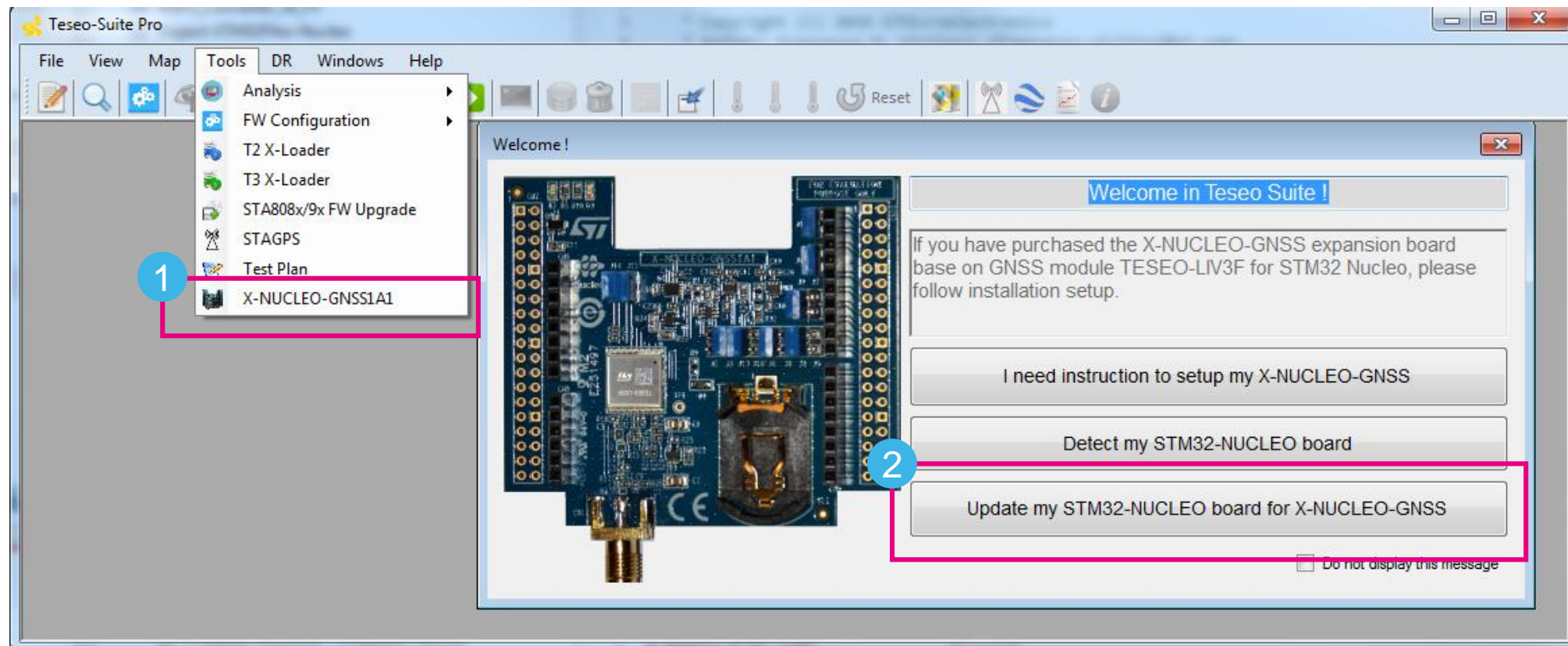
Select STM32 firmware

1 Select the required STM32 firmware based on the platform:

- xxx_FirmwareUpdateI2C.bin: to update firmware on a Teseo III Module via the STM32.I2C port
- xxx_FirmwareUpdateUART.bin: to update firmware on a Teseo III Module via the STM32.UART port

2 Install the STM32 firmware

Teseo-Suite: Firmware Update

1. Open the **Firmware Upgrade** panel in the Teseo-Suite PC software tool

2. Select the binary file from the file directory

3. Select the correct COM Port and baud rate (115200)

4. Set **Erase** and **Recovery**

5. Click Start to update the firmware

6. Press **Reset** on the X-Nucleo board

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Documents and related resources

1	Download the firmware

2	Upgrade Teseo-LIV3F on EVB-LIV3F

3	Upgrade Teseo-LIV3F on X-Nucleo-GNSS1A1

4	Documents & related resources

Documents & related resources

All documents are available on:
www.st.com/gnss

- ## Teseo-LIV3F: Webpage
  - Datasheet
  - User Manuals

- ## X-Nucleo-GNSS1A1: Webpage
  - Datasheet

- ## Teseo-Suite: Webpage
  - Datasheet
  - Install program