PicoQuant Laser Driver
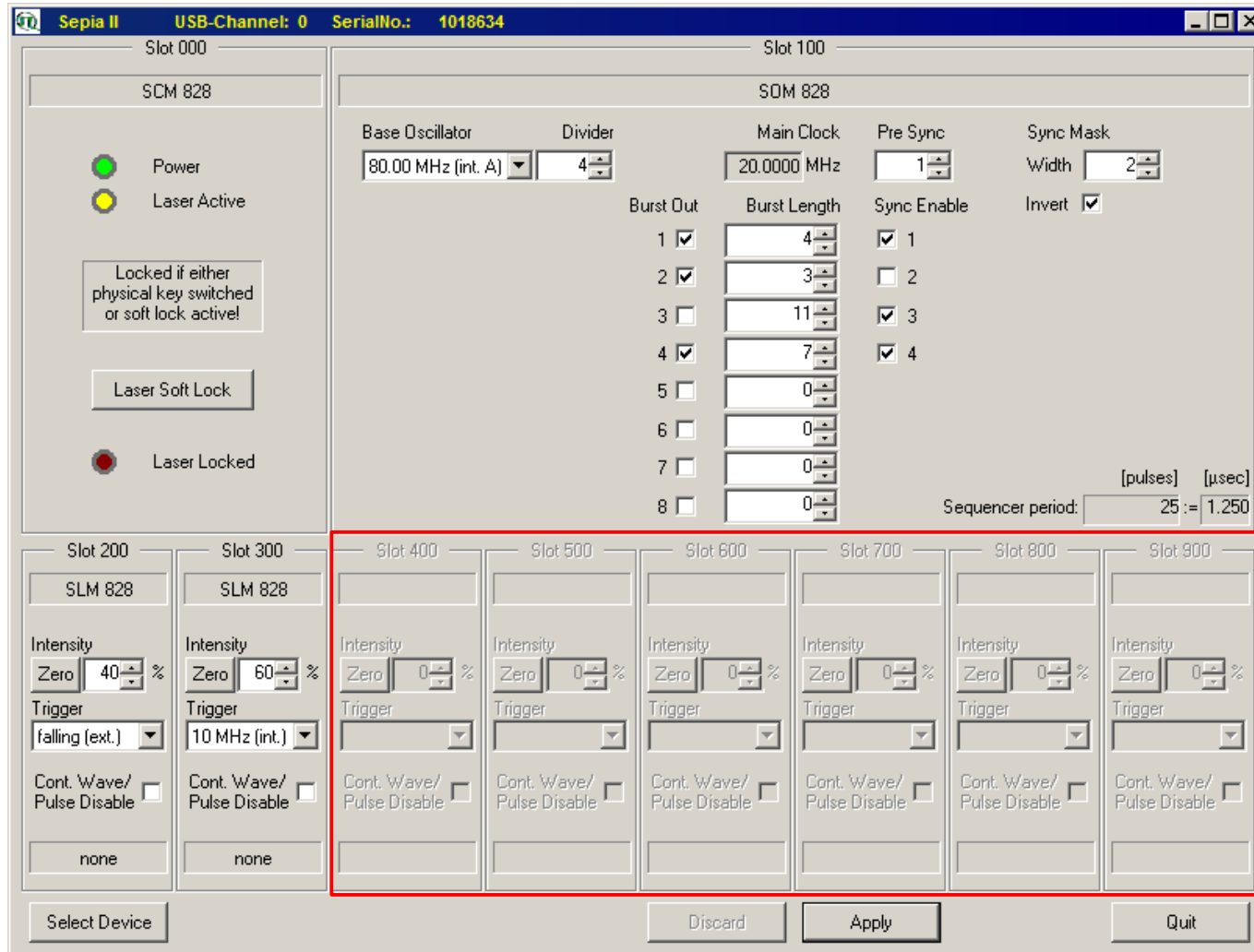# *PQLaserDrv*

A new Graphic User Interface (GUI) for the *PDL 828 "Sepia II"* with a generic driver for all computer controlled lasers from PicoQuant

Fixed layout independent from the configuration of the device.

Inactive modules were greyed

Flexible layout. Only active modules are shown. Inactive modules disappear
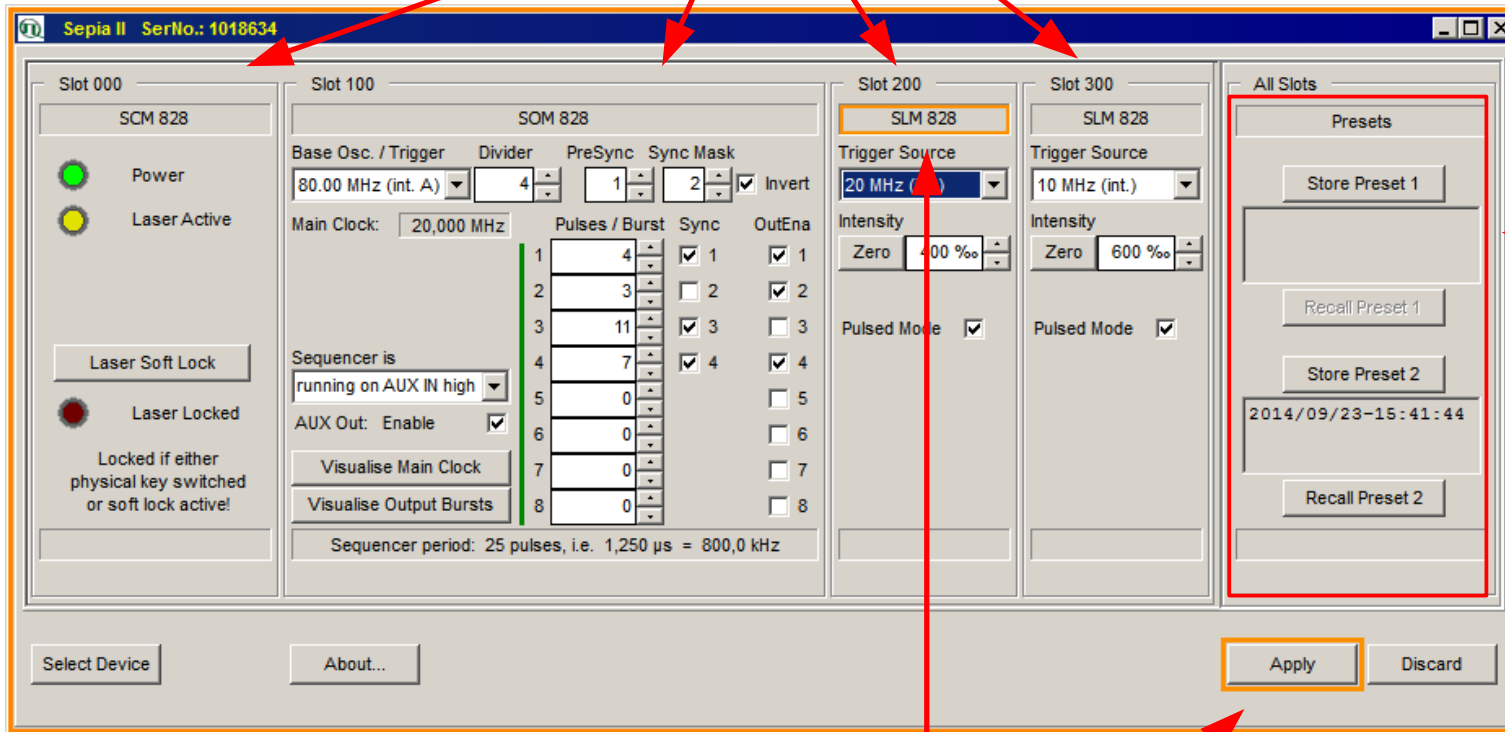
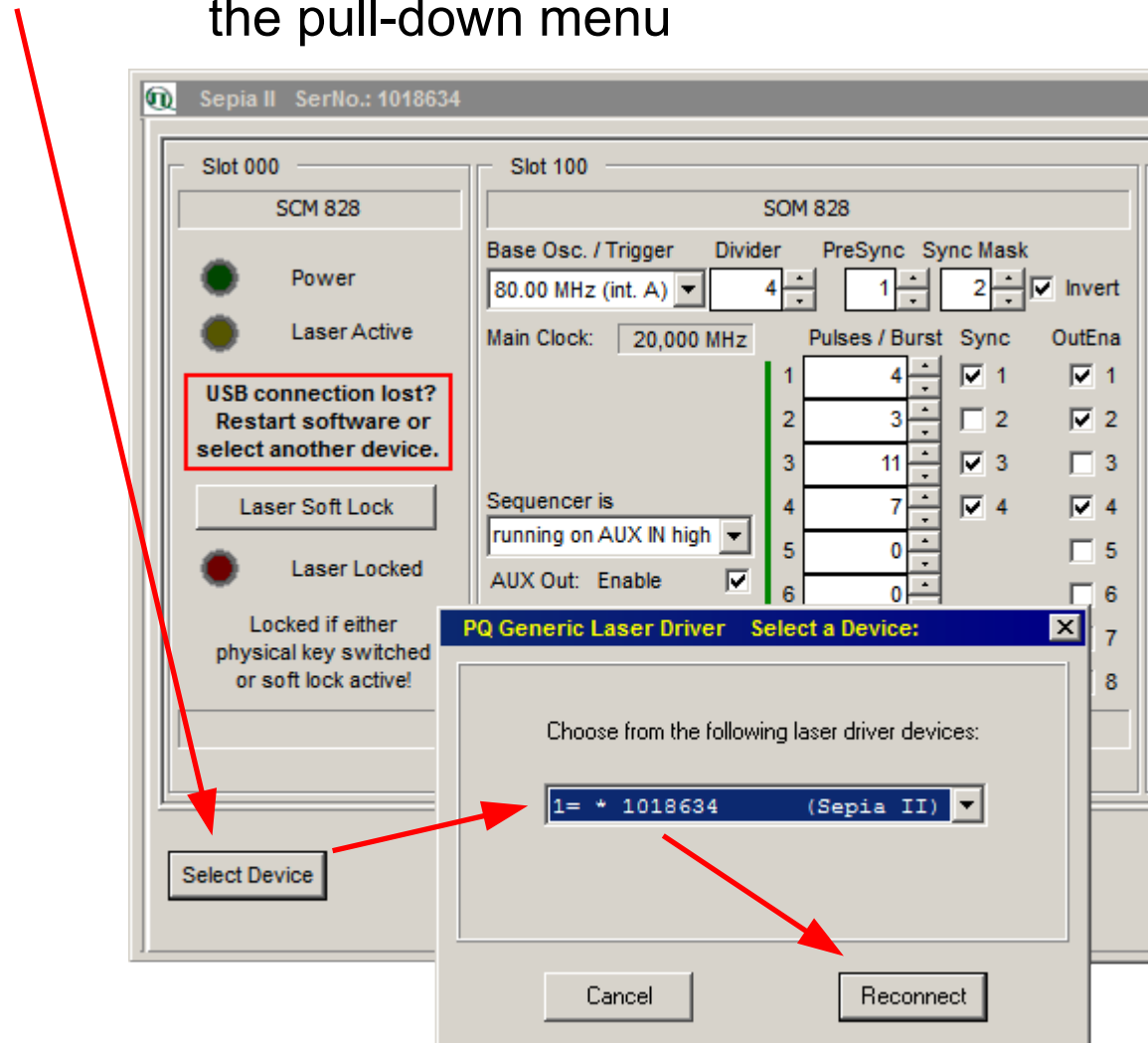New *Presets* function to store and recall settings

Setting **modification** are clearly **highlighted** (orange circled)

No need to restart the software in case another laser device needs to be set-up or in case the USB-connection is lost.
A simple click on *Select Device* and *Reconnect* the desired device chosen in the pull-down menu
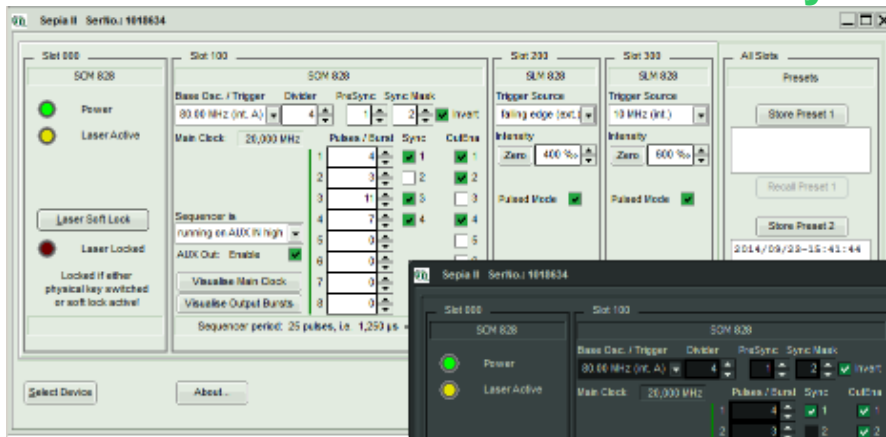
All relevant **support information** regarding Software, Firmware & Hardware of the device can be generated in a diagnostic datafile by a simple mouse click on the new *About...* button.
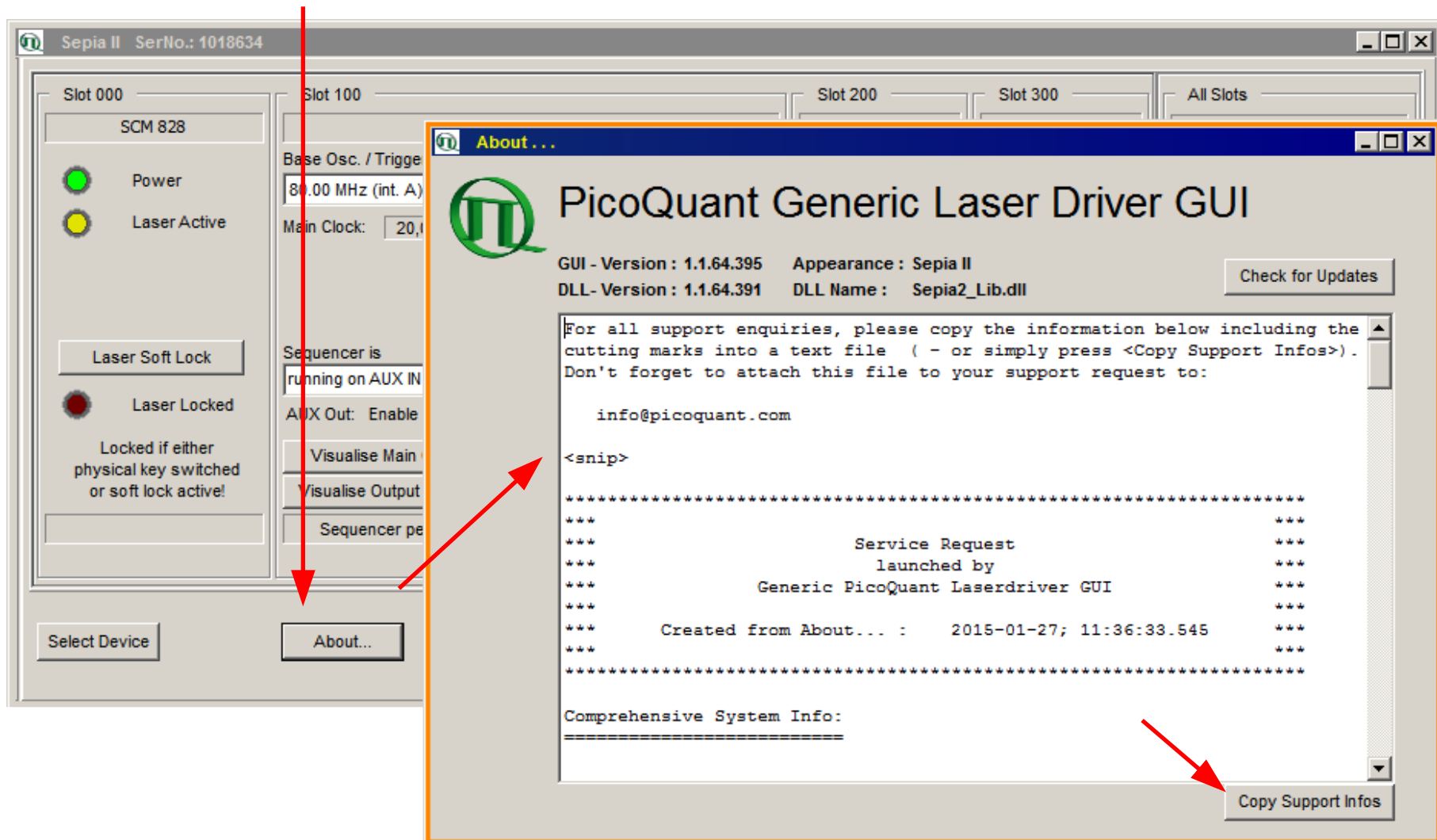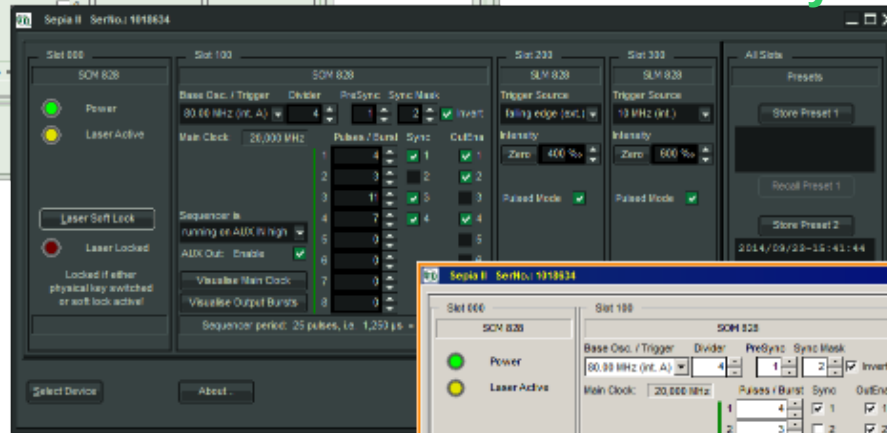
The GUI can be displayed in several colour shemes, PicoQuant Bright PicoQuant Dark or Windows configuration (can be changed in windows control panel).
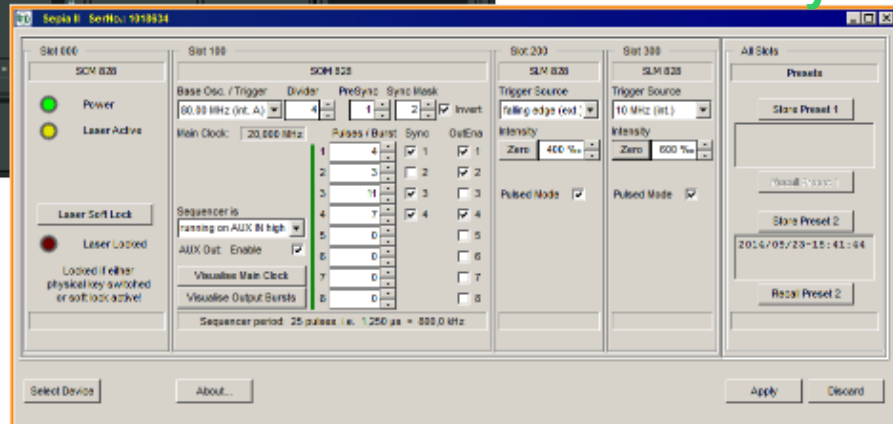
-style=bright

-style=dark

-style=windows

These colours shemes are similar to the ones used in our software SymPhoTime 64.

New GUI – New Oscillator Functions

The sequencer can be controlled with the Auxiliary Input in several modes:
- Free running (AUX IN has no infulence)
- Running on AUX IN = High Level
- Running on AUX IN = Low Level

The Auxiliary Output signal can now be enabled or disabled

The pulse train of the **Main-Clock** and the **Output Bursts** of the respective trigger outputs can be visualized (see next page)
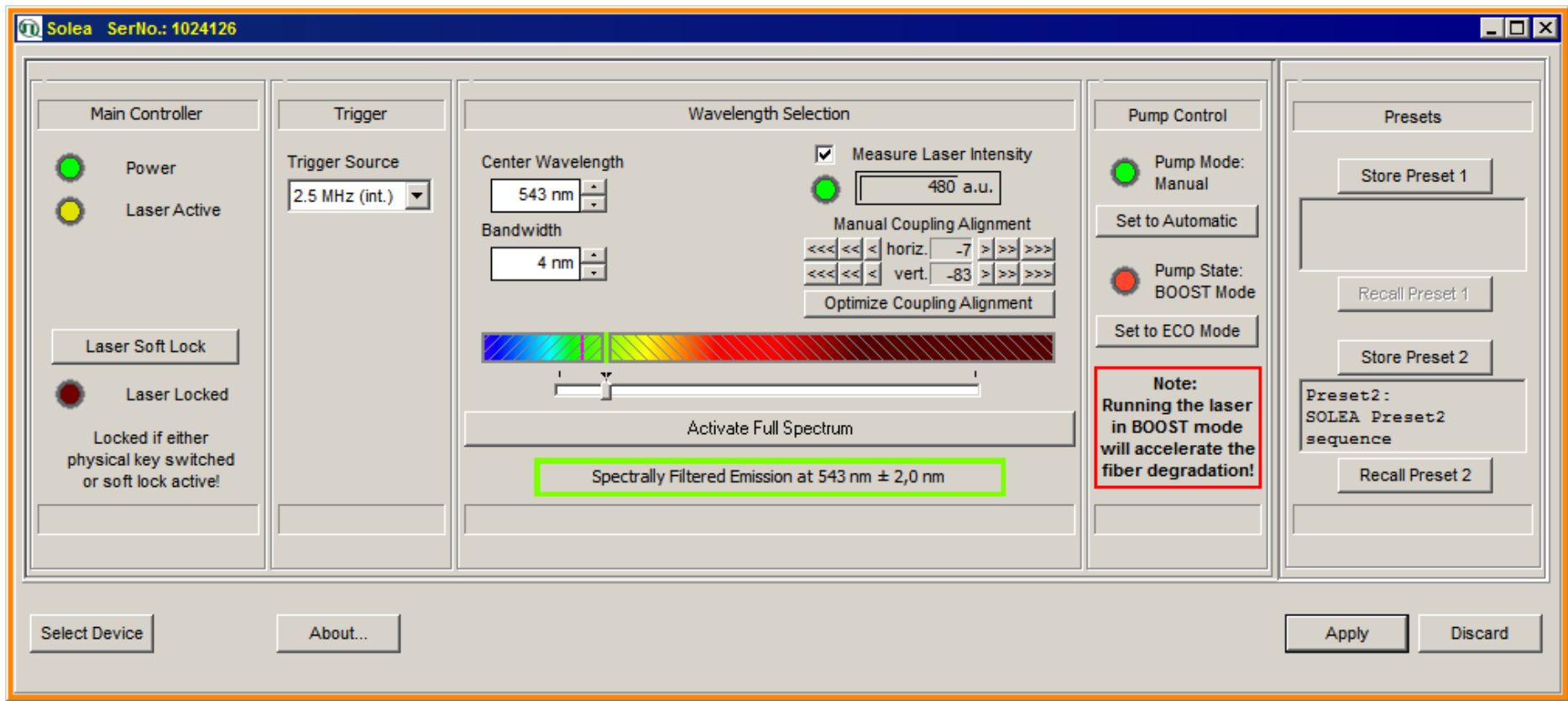
Main-Clock & Pre-Sync Visualization

Burst-Pattern Visualization
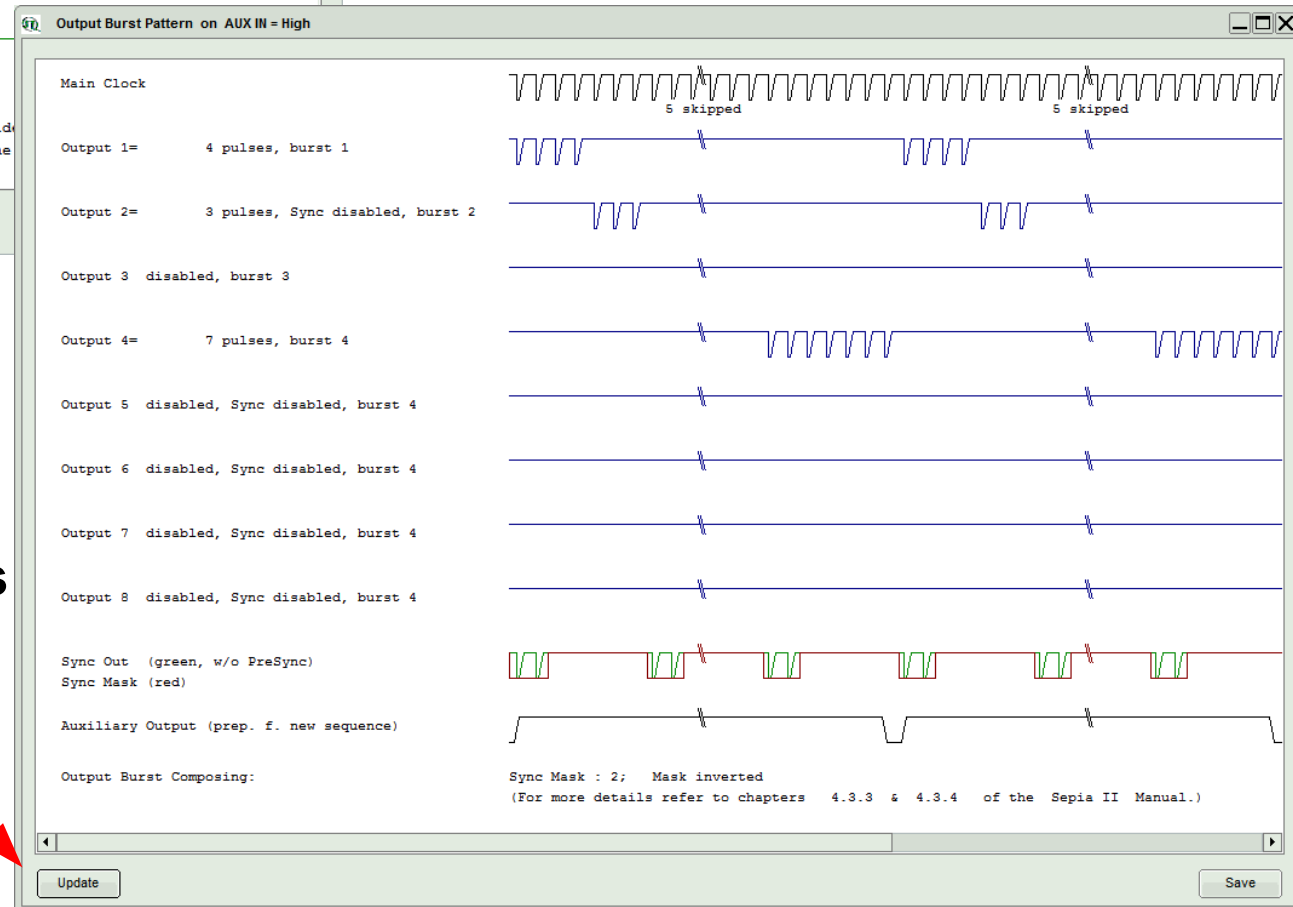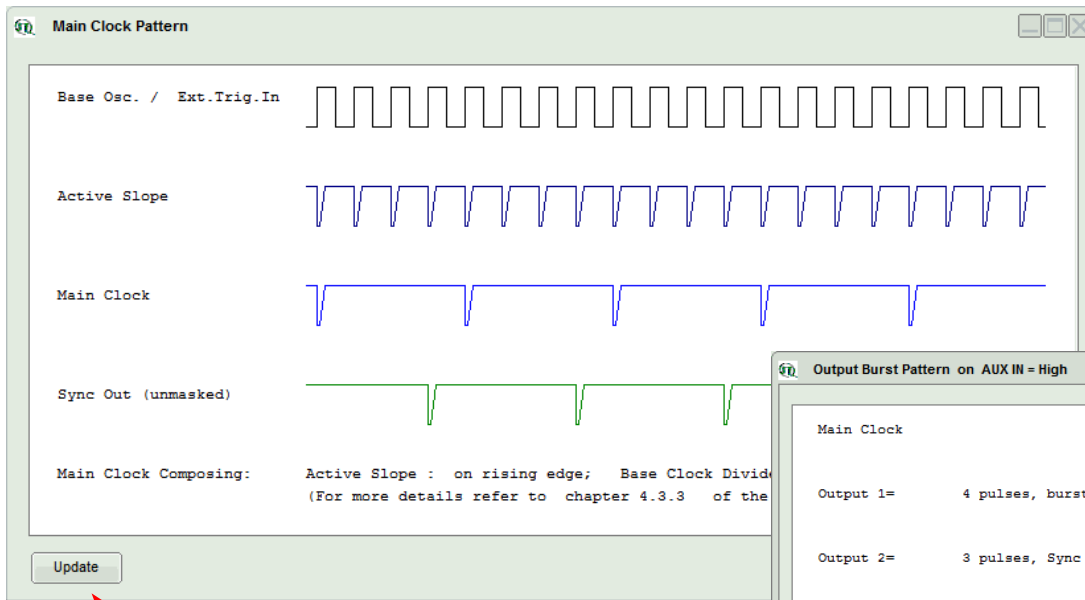
The visualization can be updated anytime while changing oscillator parameters

PicoQuant Laser Driver also controls the supercontionuum laser Solea and the PPL 400.

GUI Solea