

2.3 Software Solutions

2.3.1 StarLab

StarLab turns your PC into a laser power/energy multi-channel station

Extensive Graphic Display of Data

- Line Plot, Histogram, Bar chart, Simulated Analog Needle
- Multiple data sets on one graph or separate graphs on the same screen

Advanced Measurement Processing

- Power/Energy Density, Scale Factor, Normalize against a reference
- Multi-channel comparisons
- User defined mathematical equations: channels A/B, (A-B)/C etc.
- Position & size measurement with BeamTrack sensors

Data Logging for Future Review

- Can be displayed graphically or saved in text format
- Easily exported to an Excel spreadsheet

Fully supports Vega, Nova-II, Pulsar, Juno, USBI, and Quasar devices with all standard Ophir sensors

Flexible Display Options with StarLab

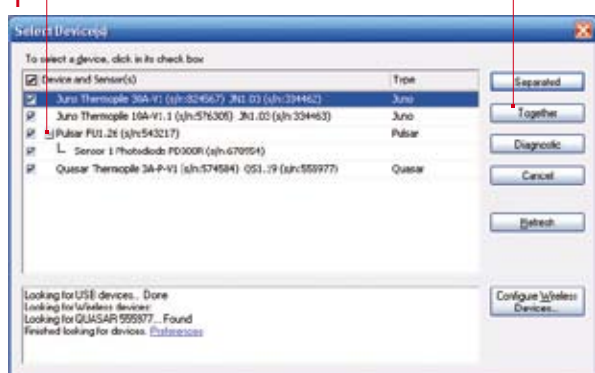
Each sensor displayed separately

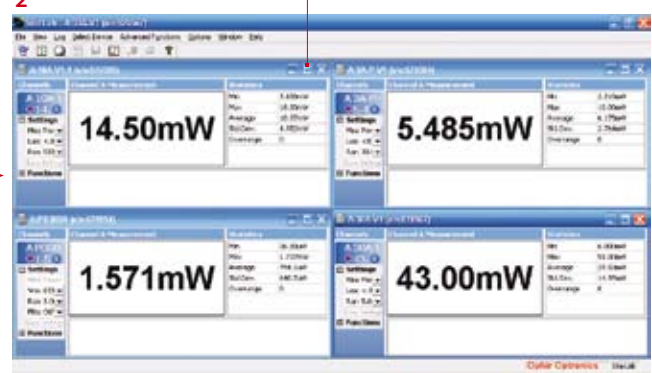
Choose which channels to display

Then choose separate or together

1

2





Setup Screen

Choose sensor settings

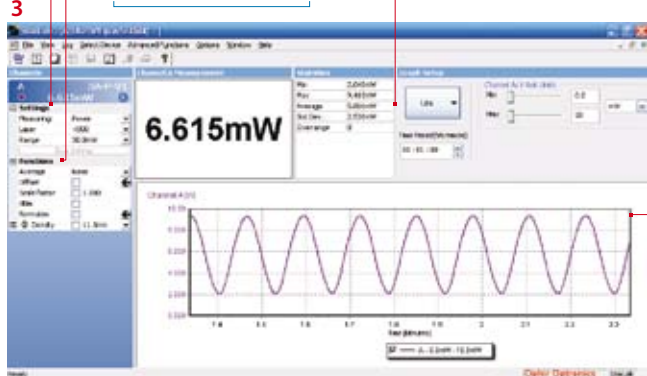
Choose display and graph settings

3

Choose line graph or bargraph

or histogram

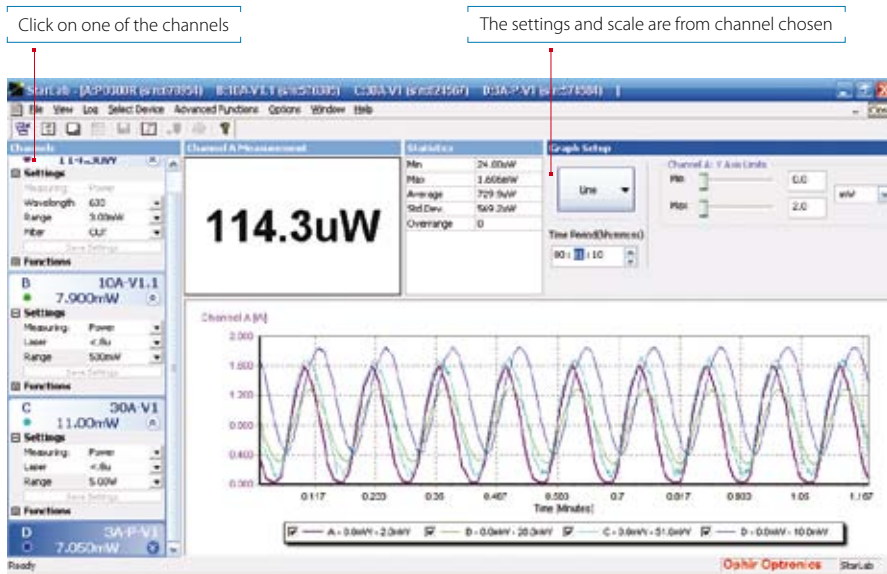
or needle display



One of above screens maximized

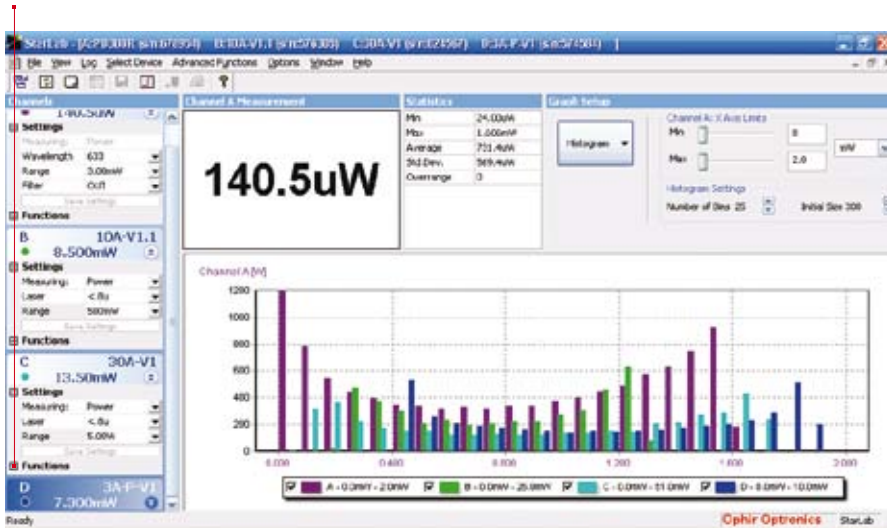


Multiple sensors displayed together



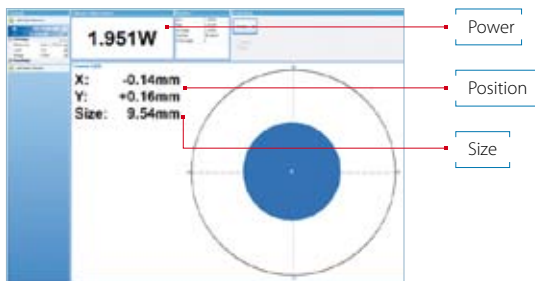
Here multi line graph display has been chosen

Settings and functions may be opened to adjust then minimized as needed



Here multi line histogram display has been chosen

BeamTrack Power/Position/Size sensor



Here a BeamTrack position and size graph is shown