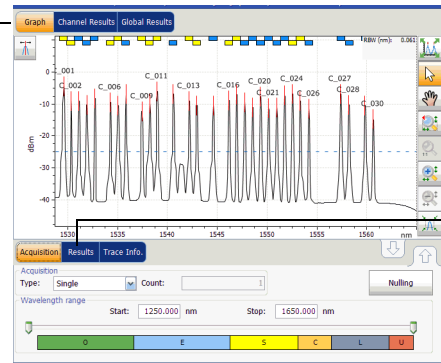


Managing Results WDM

Shows the X-Y plots of the spectral position, peak detection level, signal power and OSNR of the channel.

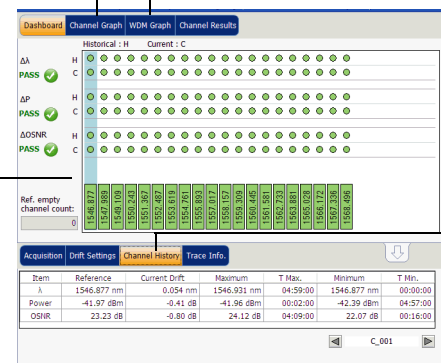


Shows the pass/fail status, as well as the results of the channel.

Drift

Shows the X-Y plots of the spectral position, signal power and OSNR of the channel.

Shows the spectrum for the last WDM acquisition in the drift measurement.



Displays current and historical pass/fail status of the central wavelength, signal power and OSNR of the channel.

Channel results for the current measurement.

Displays the historical results for the selected channel.

Spectral Transmittance

Complete information about spectral transmittance and global parameters



Output trace

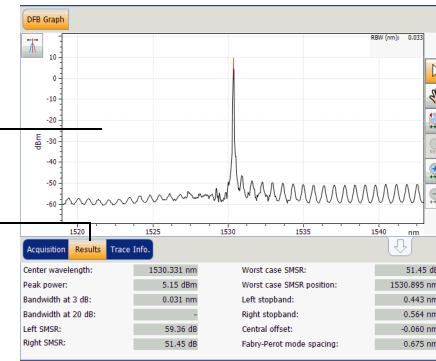
Calculated ST trace

Input trace

ST results for the current measurement.

DFB Sources

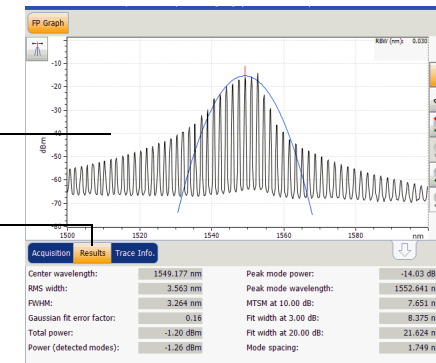
Shows the spectrum of the DFB source



DFB trace results

FP Sources

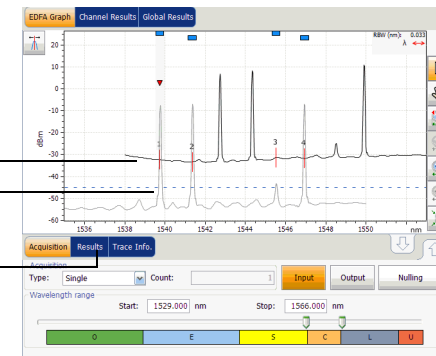
Shows the spectrum of the FP source



FP trace results

EDFA

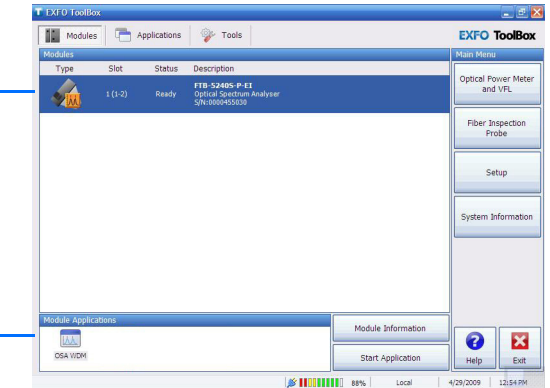
Output trace
Input trace
Channel results for the current measurement



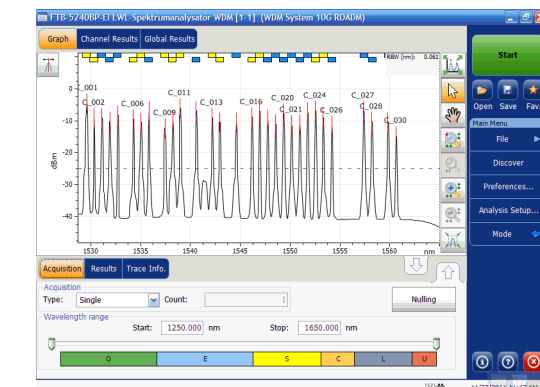
Starting the Application

1 Select the module.

2 Press to start the application.



Selecting a Test Mode

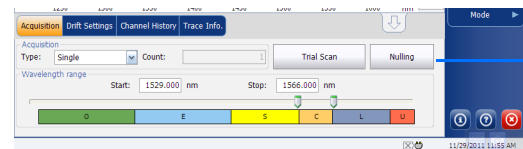


Press, then select the desired test mode. The FP and DFB modes are located under Sources.

Note: The illustrations in this quick reference guide may differ slightly from those on your unit depending on the resolution and platform type.



Nulling Electrical Offsets

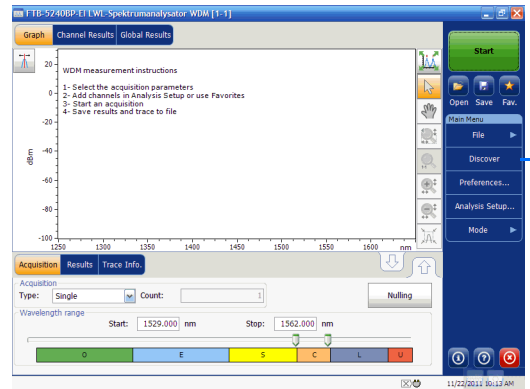


Press to start the nulling process.

Note: A nulling is performed automatically each time you start the OSA application, and at regular intervals afterwards.

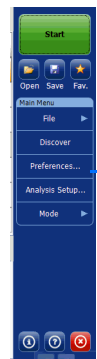
Using the Discover Feature

This feature allows you to automatically build an analysis setup (scan range, channel list, analysis parameters, etc.) based on the signal being detected on the input port of your module.



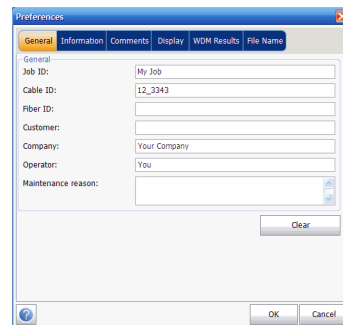
Press to start the discovery process.

Defining Preferences



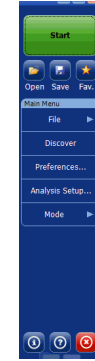
1 Press.

2 The tabs will differ depending on the test type you have chosen. Enter or change the information as needed in the tabs.



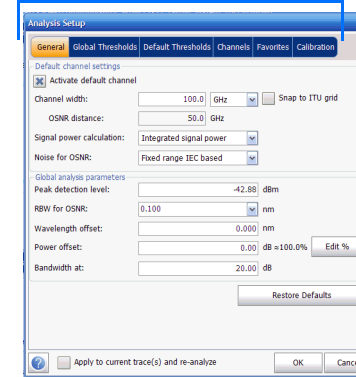
Setting up Analysis Parameters

You can set analysis parameters according to your preferences.



1 Press.

2 Use the different tabs to set the parameters (WDM mode shown).



Setting up Acquisition Parameters

From the main window, select the **Acquisition** tab.

1

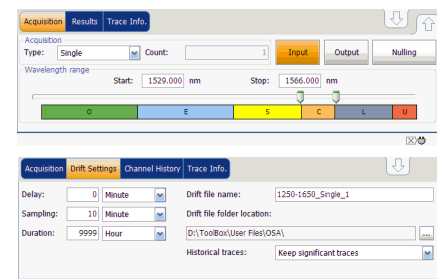
Select the acquisition type.

- If you are performing a single, real-time or *i*-InBand acquisition, you cannot modify the number of scan counts.
- If you are performing an averaging or InBand acquisition, enter the number of scans to perform.

2

3

Select a wavelength or frequency range either directly in the boxes or using the sliders.

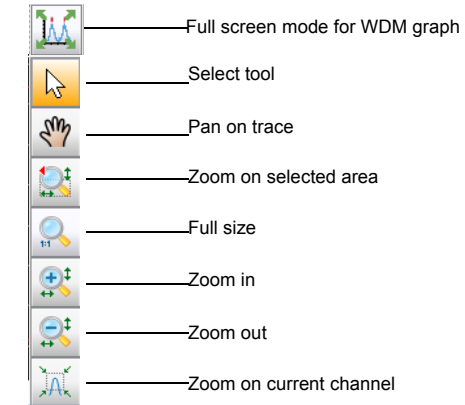


If you are working in spectral transmittance or EDFA modes, select whether you want to store the next acquisition as an input or output trace.

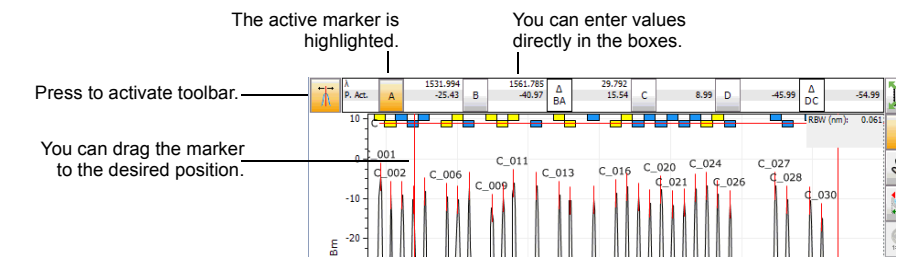
If you are working in drift mode, set the other drift acquisition parameters in the **Drift Settings** tab.

- Enter a duration for the acquisition delay. The application waits for that time before taking the first acquisition.
- Set a sampling rate for your acquisition.
- Set a duration for the measurement.
- Enter a name and location for your result file.
- Select whether you want to keep historical traces or not.

Using Zoom Controls



Using Markers

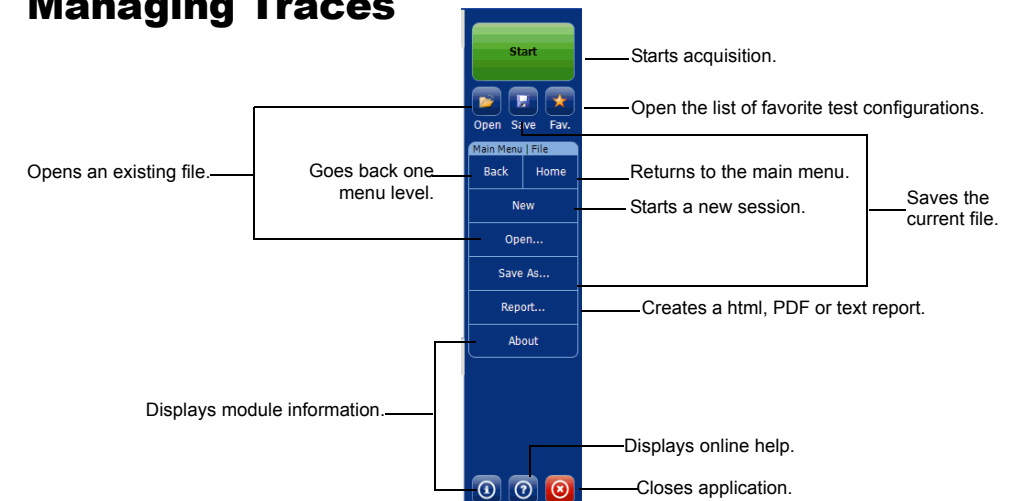


Press to activate toolbar.

You can drag the marker to the desired position.

The active marker is highlighted. You can enter values directly in the boxes.

Managing Traces



Opens an existing file.

Goes back one menu level.

Starts acquisition.

Open the list of favorite test configurations.

Returns to the main menu.

Starts a new session.

Saves the current file.

Creates a html, PDF or text report.

Displays module information.

Displays online help.

Closes application.