Generating a Report

You can generate a PDF report that contain your acquisition results.

Select a location. **2**

1 Tap.

Change the name of the file as needed. **3**

4 Tap.
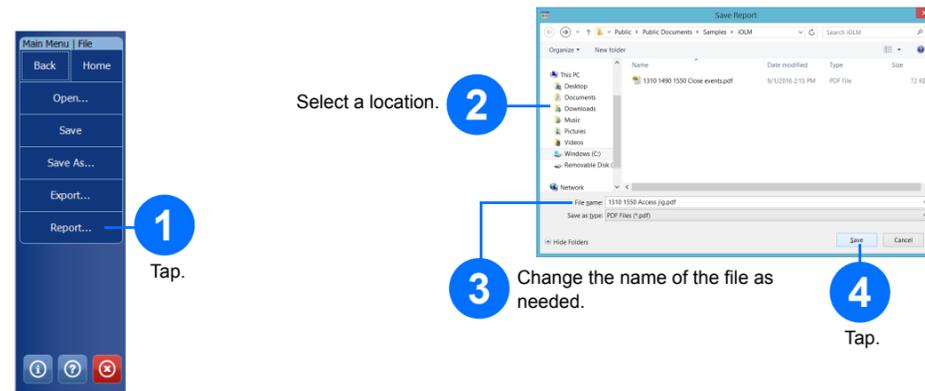
Viewing Results and Understanding Diagnostics

Once a measurement is performed, you can view the results in different tabs.
When the application detects problems or ambiguous measurement situations, a diagnostic is provided to give additional information about specific link element issues.

The **Elements** tab displays the details of the corresponding element or section selected in the link view.

Tap to view the corresponding diagnostic.

The **Link View** tab shows a representation of a specific link into a single view.

Diagnostic details

To navigate through the link.
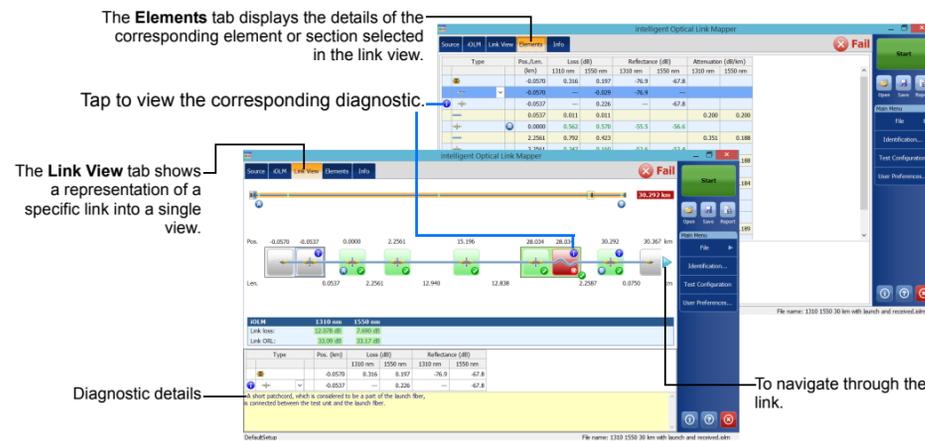
Using Your Module as a Source

You can operate the existing OTDR laser as a source to perform power meter measurements at the other end of the fiber.

3 Tap to start or stop light emission.

In the **Source** tab, select a wavelength. **1**

Select a modulation. **2**

Indicates that the source is active when red
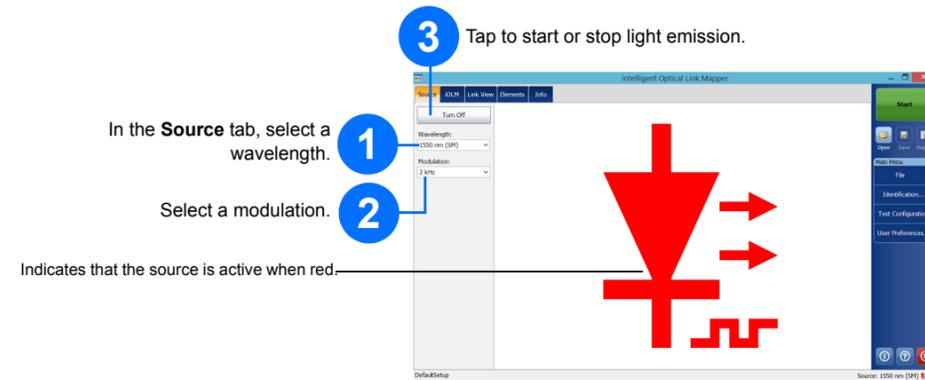
Using the Inline Power Meter

The inline power meter measures the power of the link through the singlemode live port, which is also used for iOLM measurements. It can be equipped with two-channels for taking the power meter measurements at multiple wavelengths at once.
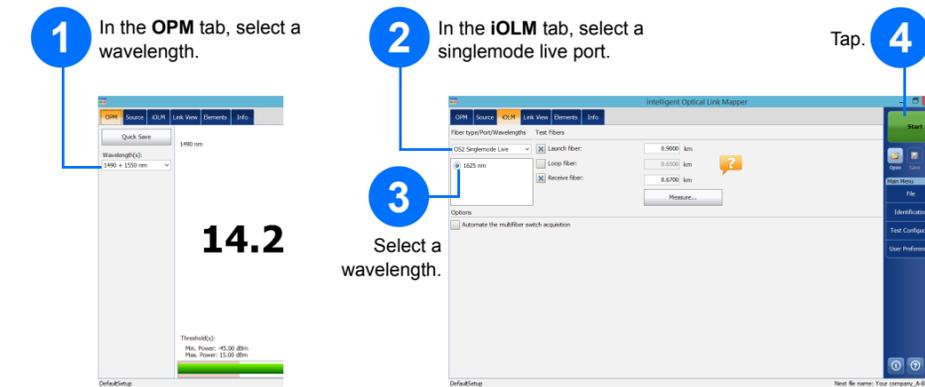
1 In the **OPM** tab, select a wavelength.

2 In the **iOLM** tab, select a singlemode live port.

Tap. **4**

3 Select a wavelength.

14.2

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iOLM
intelligent Optical Link Mapper

The iOLM is an optimized application for access/FTTx network characterization. This OTDR-based application uses multipulse acquisitions and advanced algorithms to deliver detailed information on every element on a link.

The iOLM module can be equipped optionally with an inline power meter. Optionally, you can measure the power levels for two wavelengths in a single acquisition if two wavelengths are used for testing.

Note: *Depending on the model and options you have purchased, some features may not be available.*

Setting User Preferences

2 Customize the appearance and behavior of your iOLM application, including the default storage folder, reports, and sound notifications.

1 Tap.

3 Tap.
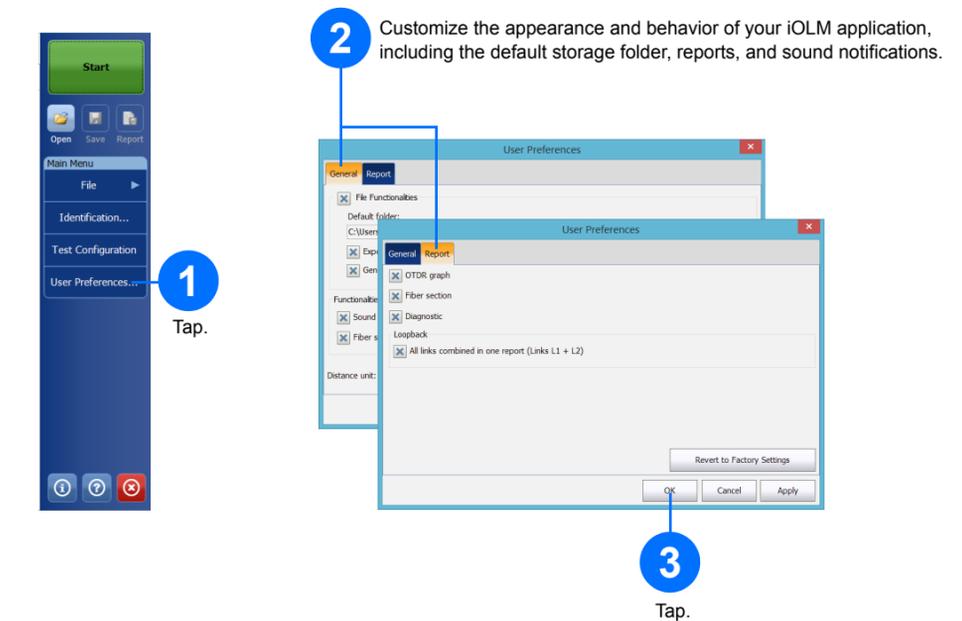
For more information, refer to the user guide.

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Identifying Measurements

The autonaming feature is useful to make a relevant naming scheme for your tests.

Tap.

➤ Current acquisition: If you are working with standard loopback or bidirectional loopback measurements files, there are two **Value** columns, one for each fiber.

➤ Next acquisition: only one **Value** column is displayed.

Items that can be included in the name.

To modify the order of appearance of the selected identifiers in the name.

This preview is updated automatically as you make your selections.

To select the separator between identifiers.

To set the incrementation values:

Activates auto incrementation for identifier.

Set the start, stop and step values as needed.

Using Test Configurations

A predefined default setup configuration is available when you purchase your unit. You can also create your own test configurations that will meet your specific needs.

2 Select the configuration you want to use for the next measurement.

1 Tap.

Indicates that the test configuration is in read only mode.

Configuration used for current acquisition.

Copies the selected configuration so you can create a new one.

3 Tap to change the configuration settings.

Saves configuration so it can be used on another unit.

Adds configurations to the list from an external device.

4 Modify the settings for your configuration as needed.

Configuring Test Parameters and Starting an Acquisition

The iOLM performs the acquisition on the port and wavelengths you have selected and the values are preserved for the next acquisition.
Different test types, such as the standard mode or the loopback mode, are available to suit your needs.

1 In the **iOLM** tab, select the port and the fiber type.

2 Select the wavelength.

3 To calibrate the launch and receive fiber lengths automatically, tap **Measure**.
OR
To specify the values manually, select the checkboxes according to your testing needs and enter the values.

Note: The Loop fiber checkbox allows you to test in loopback mode.

4 Select the option you will be working with (multifiber switch or bidirectional loopback).

5 Tap **Start** or **Start OptiMode**.

Select to work with the multifiber optical switch.

Select to perform bidirectional loopback acquisitions.

Select **One** or **Two** depending on which direction you want to test first.