J-Reporter

User's Guide

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About This Guide

The topics discussed in this section are as follows:

– “Purpose and Scope” on page vi
– “Assumptions” on page vi
– “Related Information” on page vi
– “Conventions” on page vii
– “Technical Assistance” on page viii

Purpose and Scope

The purpose of this guide is to help you successfully use the J-Reporter features and capabilities. This guide includes task-based instructions that describe how to install, configure, use, and trouble-shoot the J-Reporter. Additionally, this guide provides a complete description of JDSU's warranty, services, and repair information, including terms and conditions of the licensing agreement.

Assumptions

This guide is intended for novice, intermediate, and experienced users who want to use the J-Reporter effectively and efficiently. We are assuming that you have basic computer and mouse/ track ball experience and are familiar with basic telecommunication concepts and terminology.

Related Information

Use this guide in conjunction with the following information:

J-Reporter Installation Guide — This guide provides instructions on the system requirements for J-Reporter and how to install the J-Reporter software on your computer.

Conventions

This guide uses typographical and symbols conventions as described in the following tables.

Table 1 Text formatting and other typographical conventions

Item(s)	Example(s)
Buttons, keys, or switches that you press or flip on a physical device.	Press the **On** button. Press the **Enter** key. – Flip the **Power** switch to the on position.
Buttons, links, menus, menu options, tabs, or fields on a PC-based or Web-based user interface that you click, select, or type information into.	Click **Start**. – Click **File > Properties**. – Click the **Properties** tab. – Type the name of the probe in the **Probe Name** field.
Directory names, file names, and code and output messages that appear in a command line interface or in some graphical user interfaces (GUIs).	`$NANGT_DATA_DIR/results` (directory) – `test_products/users/defaultUser.xml` (file name) – `All results okay.` (output message)
Text you must type exactly as shown into a command line interface, text file, or a GUI text field.	– Restart the applications on the server using the following command: **`$BASEDIR/startup/npiu_init restart`** Type: **`a:\set.exe`** in the dialog box.
References to guides, books, and other publications appear in *this typeface*.	Refer to ***Newton's Telecom Dictionary***.
Command line option separators.	`platform [a|b|e]`
Optional arguments (text variables in code).	`login [platform name]`
Required arguments (text variables in code).	`<password>`

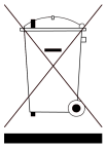
Table 2 Symbol conventions

This symbol represents a general hazard. It may be associated with either a DANGER, WARNING, or CAUTION message. See Table 3 for more information.

This symbol represents hazardous voltages. It may be associated with either a DANGER, WARNING, or CAUTION message. See Table 3 for more information.

This symbol represents a risk of explosion. It may be associated with either a DANGER, WARNING, or CAUTION message. See Table 3 for more information.

This symbol indicates a note that includes important supplemental information or tips related to the main text.



This symbol, located on the equipment, battery, or the packaging indicates that the equipment or battery must not be disposed of in a land-fill site or as municipal waste, and should be disposed of according to your national regulations.

Table 3 Safety definitions

CAUTION	Indicates a situation that, if not avoided, could result in loss of data or a disruption of software operation.

Technical Assistance

Table 4 lists contact information for technical assistance. For the latest TAC information, go to www.jdsu.com or contact your local sales office for assistance. Contact information for regional sales headquarters is listed on the back cover of this manual.

Table 4 Technical assistance centers

Region	Phone Number	
Americas	1-855-ASK-JDSU (option #3) 1 301 353 1560	(1-855-275-5378, option #3) tac@jdsu.com
Europe, Africa, and Mid-East	+49 (0) 7121 86 1345 (JDSU Germany)	hotline.europe@jdsu.com
Asia and the Pacific	+852 2892 0990 (Hong Kong) +86 10 6655 5988 (Beijing-China)	

During off-hours, you can request assistance by doing one of the following: leave a voice mail message at the Technical Assistance number, e-mail the North American Technical Assistance Center, tac@jdsu.com, or submit your question using our online Technical Assistance Request form at www.jdsu.com.

1

Introduction

This chapter describes the system requirements and how to start J-Reporter. The topics discussed in this chapter are as follows:

– “About J-Reporter” on page 2
– “Running the Program” on page 2

Please ensure JDSU J-Reporter has been installed into you workstation before you proceed further. Please refer to Installation Guide for detailed instructions on how to obtain and install J-Reporter.

About J-Reporter

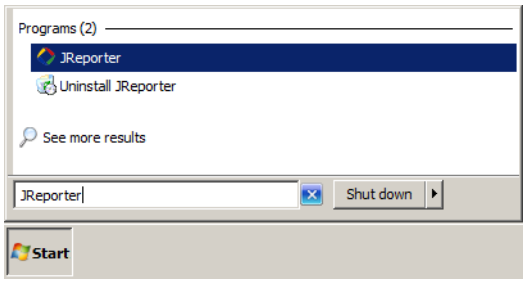
J-Reporter is a software program that works seamlessly with JDSU's Certifier40G. This software has undergone numerous qualitative and functional tests to ensure the latest version meets the latest industrial standards and trend requirements.

This guide contains information about and instructions on how to use the J-Reporter software.

System requirements are listed in the *J-Reporter Installation Guide*.

Running the Program

1 Double click on the J-Reporter shortcut icon on your desktop to start the program. You may also click the Windows Start button and enter `JReporter` into the search box.



2 The program will start by displaying the version number as shown below.

2

Project Management

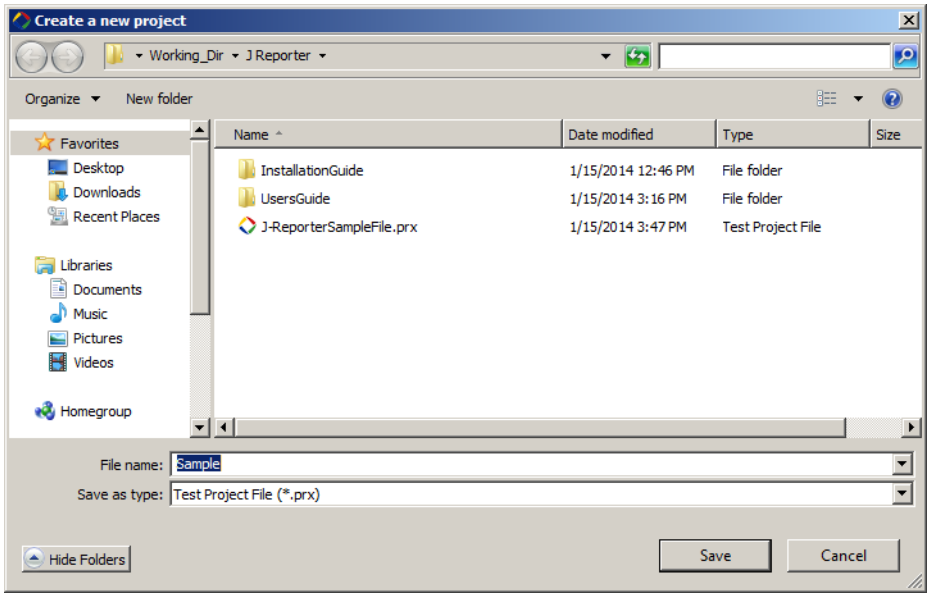
This chapter describes how to use the J-Reporter to manage projects and import, export, and view the test results. The topics discussed in this chapter are as follows:

– “Creating a New Project” on page 4
– “Opening an Existing Project” on page 5
– “Importing the Test Results from a Device” on page 6
– “Importing the Test Results from a USB Flash Drive” on page 8
– “Exporting the Test Results” on page 9
– “Viewing the Device on your Workstation” on page 10

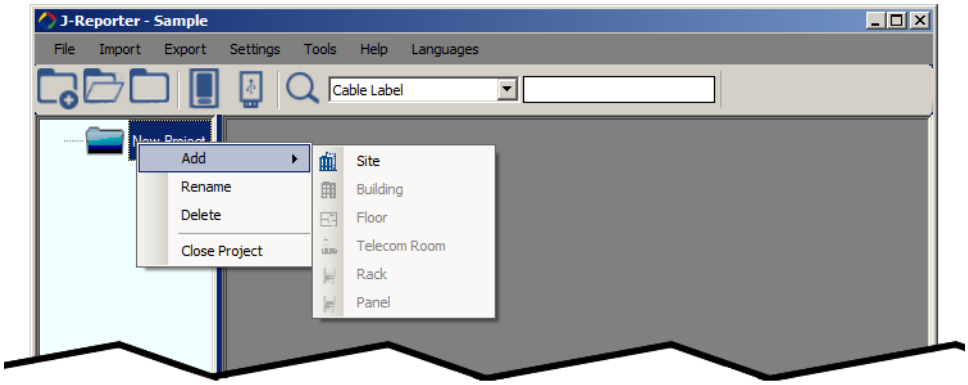
Creating a New Project

1 By default, a new project will be created when you run the program. Alternatively, select **File** > **New Project** or click the New Project icon.

2 You will be prompted to save your file when you create a new project. Choose where the new project file will be saved and click 'Save' to proceed.



3 Right-clicking the icons in the left panel will display the following options:



> **Add** – Adds a new site to the selected project

>> **Building** – Adds a new building sub-item to the selected site

>>> **New Floor** – Adds a new floor sub-item to the selected building

>>>> **New Room** – Adds a new room sub-item to the selected floor

>>>>> **New Rack** – Adds a new rack sub-item to the selected room

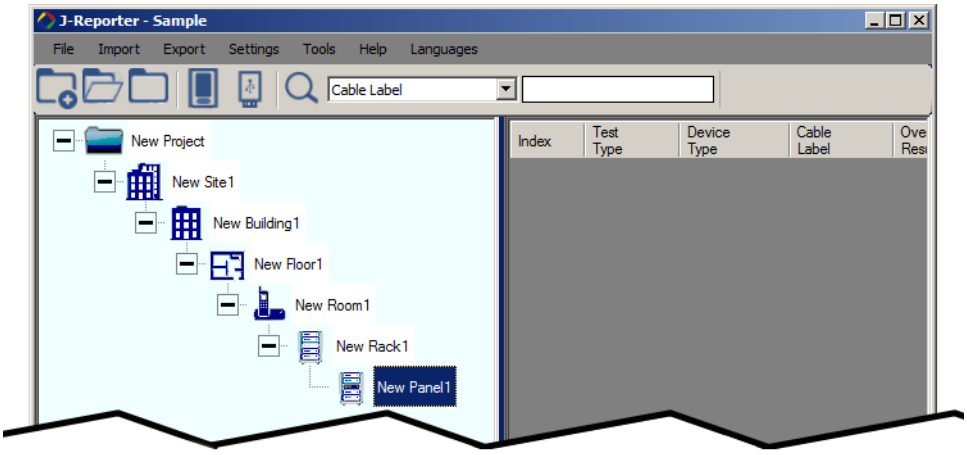
>>>>>> **New Panel** – Adds a new panel sub-item to the selected rack

> **Rename** – Renames the selected item

> **Delete** – Deletes the selected item

> **Close Project** – Closes the selected project

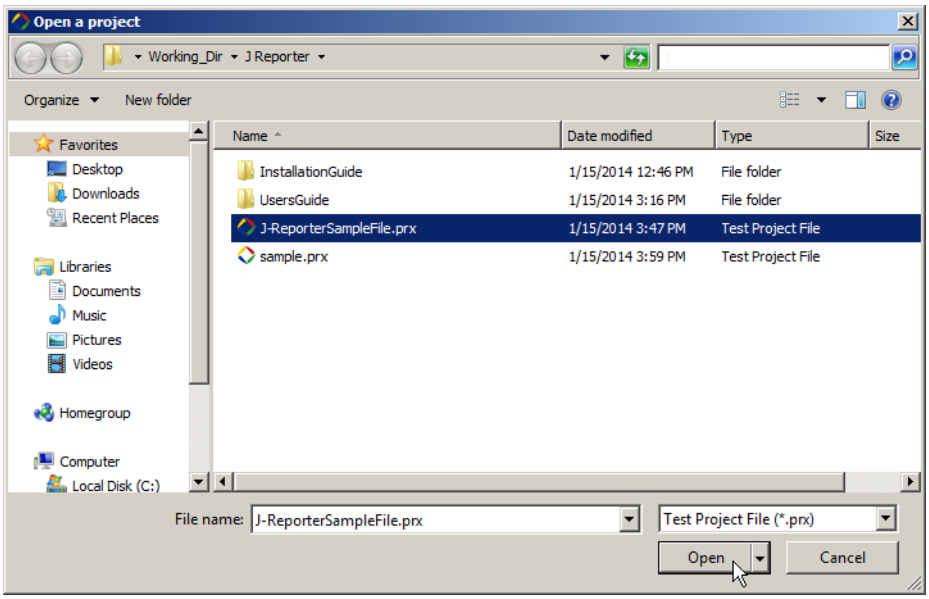
Once the menu hierarchy is selected, the left panel can resemble the following.



Opening an Existing Project

1 Select **File** > **Open** or click the Open Project icon.

Locate your project (*.prx) file and click 'Open' to proceed.



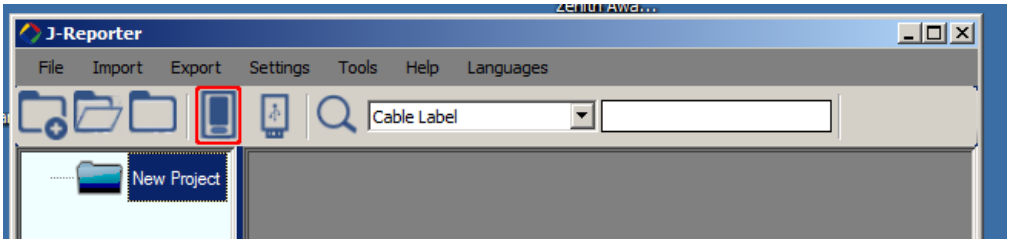
Importing the Test Results from a Device

1 Ensure Certifier40G is connected to your workstation via an USB cable.

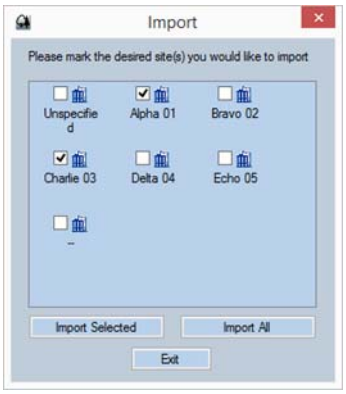
2 You may be prompted to install Microsoft Windows Mobile Device Center. Click 'Accept' to install the required drivers.

3 The Status bar will indicate "Connected" once your workstation is linked to the device.

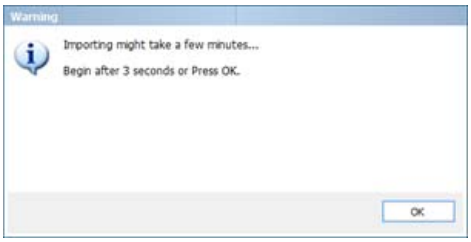
4 Select **Import** > **Device** or click the 'Device' icon as shown below.



5 Select the test results you wish to import and click ‘Import Selected’ to proceed or you can click ‘Import All’ to import all test results.



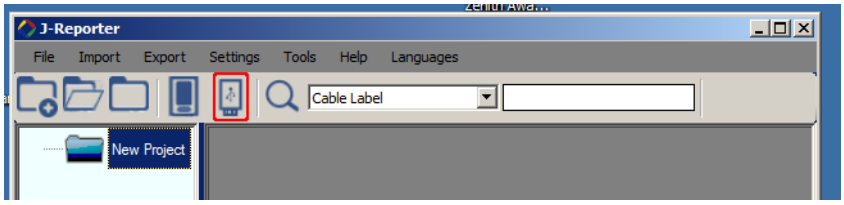
6 Please wait while the import process begins or click ‘OK’ to start it.



7 The Status bar will display the “Transferring” message during the import process.

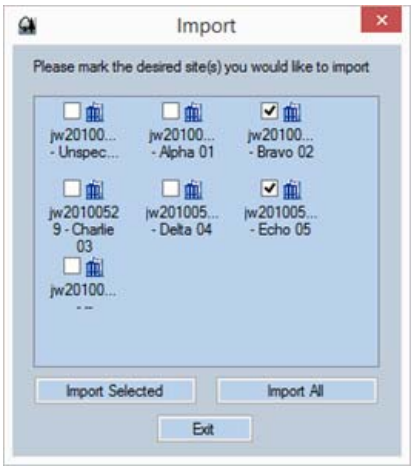
Importing the Test Results from a USB Flash Drive

1 Select **Import** > **USB Flash Drive** or click the 'USB Flash Drive' icon as shown below.



2 Select the drive you wish to import the test results from. Click 'Import' to proceed.

3 Select the test results you wish to import and click 'Import Selected' to proceed or you can click 'Import All' to import all test results.

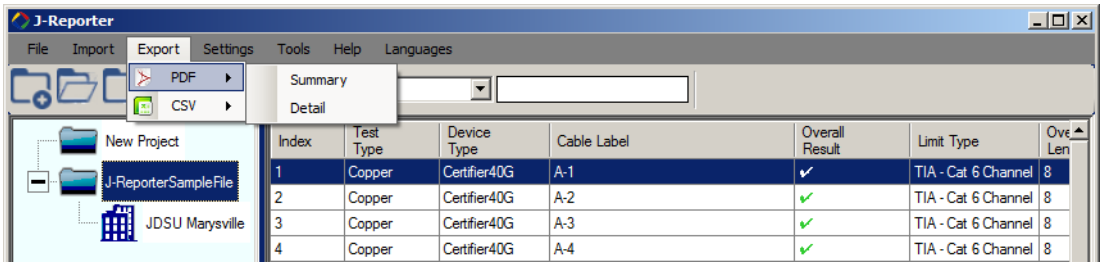


4 The Status bar will display the "Transferring" message during the import process.

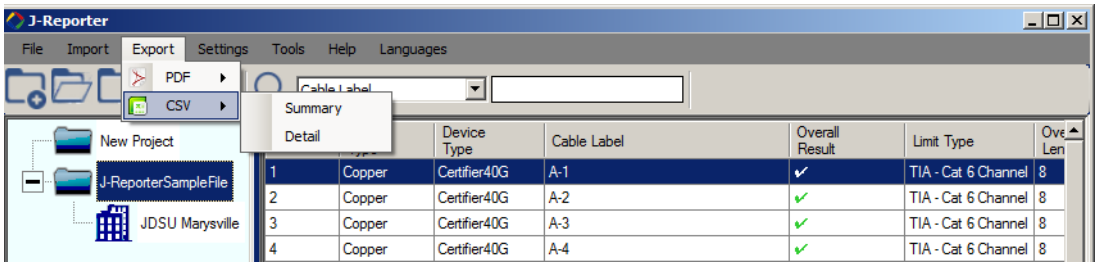
Exporting the Test Results

1 Export the selected test report based on the file format.

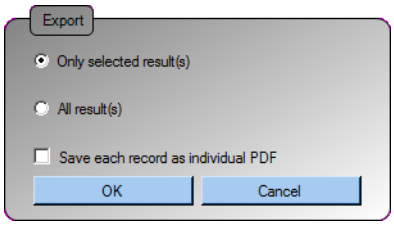
– Select **Export** > **PDF** to export the selected test report in PDF format.



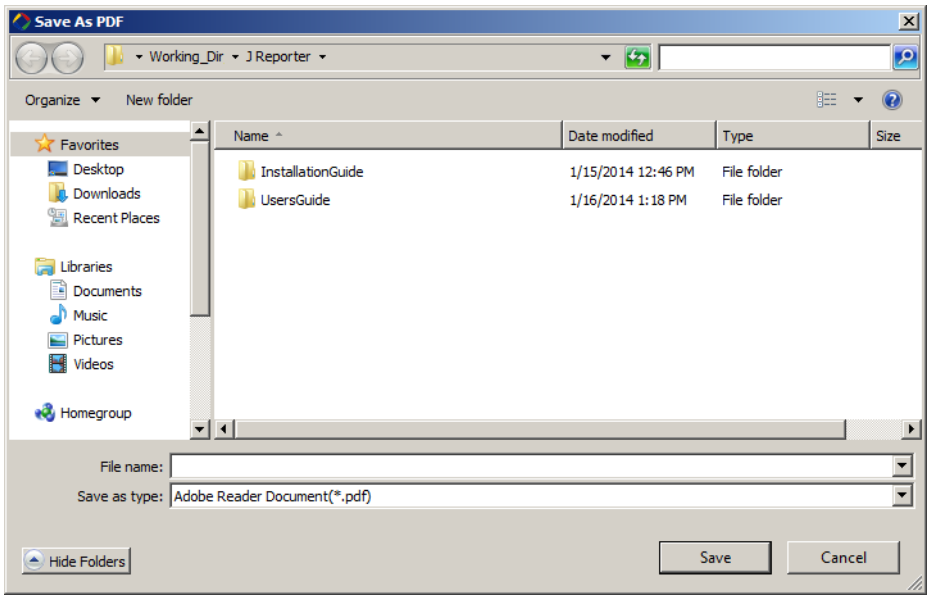
– Select **Export** > **CSV** to export the selected test report in CSV format.



2 You will be given the option to import “Only selected result(s)” or “All result(s)” after selecting either ‘Summary’ or ‘Detailed’ test results. Select the required test report options and click ‘OK’ to proceed.



3 You will be prompted to save the exported results after selecting either ‘Summary’ or ‘Detail’. Choose the directory in which to save the results, enter a file name and click ‘Save’ to proceed.



Viewing the Device on your Workstation

1 After Certifier40G is connected to your workstation, click the device icon next to the Connected indicator on the status bar as shown below.

2 Choose ‘Device Information’ to view the device’s serial number, software version and calibration date.

3 Choose ‘Remote Display’ to access the Local unit remotely via your workstation.

Accessing this option will allow advanced functions such as screen capturing (image), action recording (video), screen magnifying (zoom), etc.

3

Data Management

This chapter describes the functionality of the J-Reporter software. Topics discussed in this chapter are as follows:

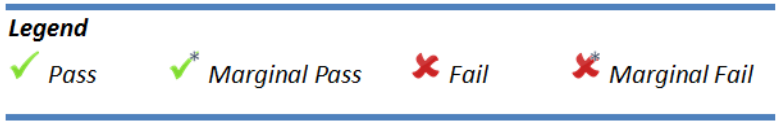
– “Viewing the Test Results” on page 12
  – “Viewing the Test Results – Inverting Y Axis” on page 16
  – “Viewing the Test Results – Linear & Logarithmic” on page 17
  – “Viewing the Test Results – Markers” on page 18
– “Editing Information” on page 19
– “Searching for Information” on page 22

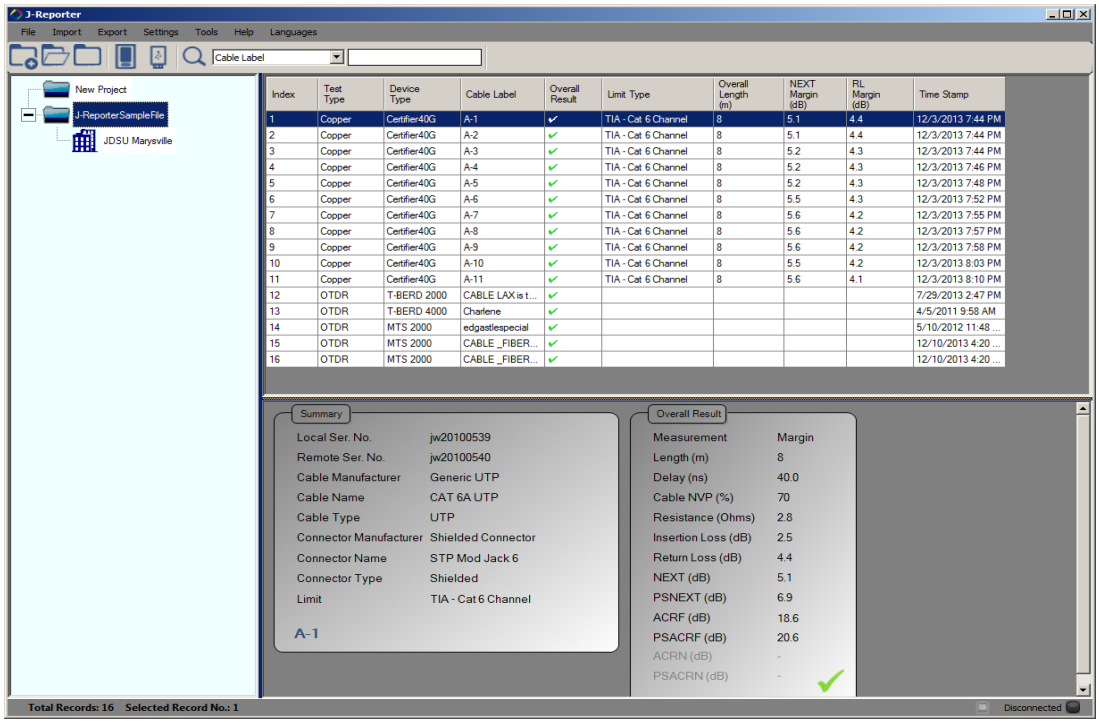
Viewing the Test Results

1 After importing the test results, summarized data will be displayed.

– Clicking on the Project name displays all test results.

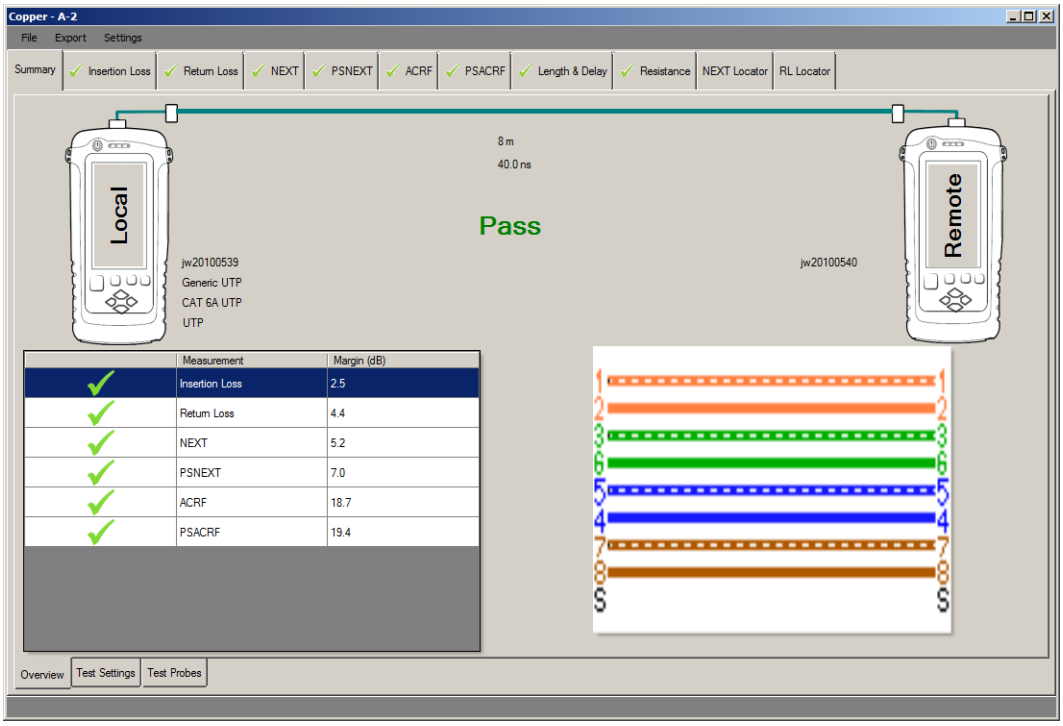
– Clicking on the Site name displays only test results saved within the site.



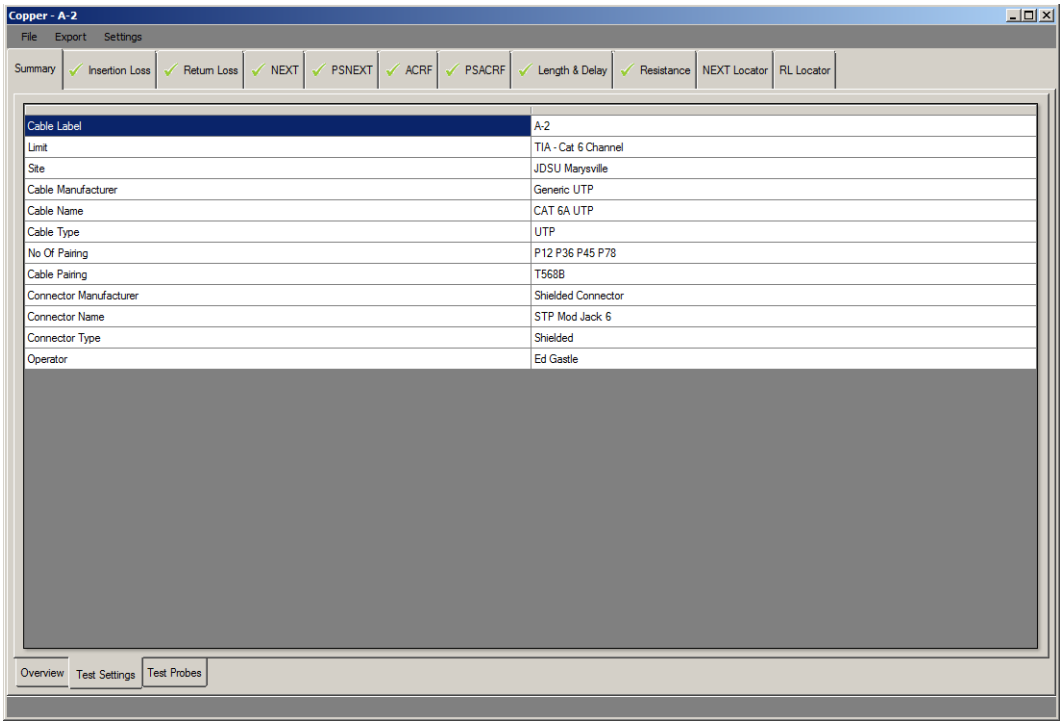


2 Double clicking a test result will display more comprehensive results of the test.

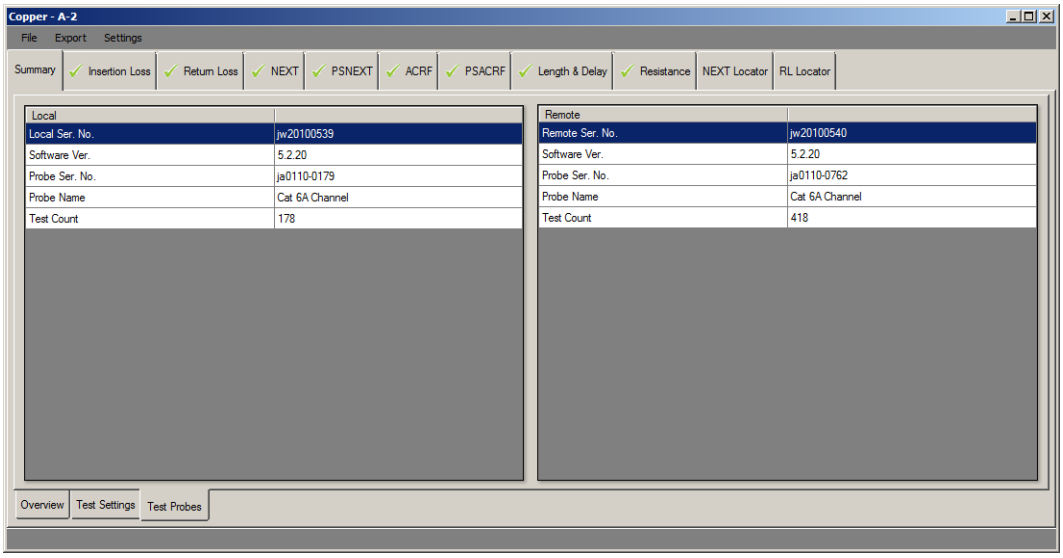
– The ‘Overview’ tab displays the summary of the selected results.



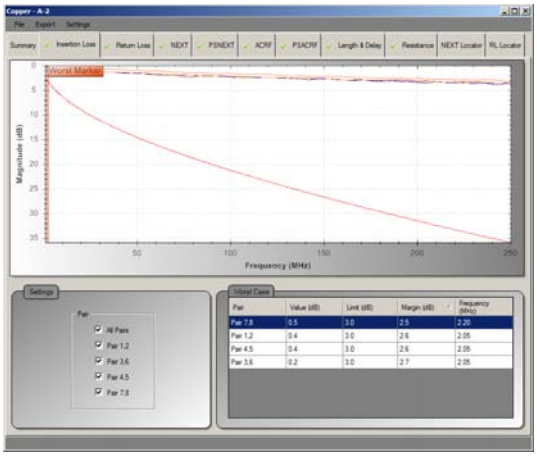
– The ‘Test Settings’ tab displays the configurations used for the selected results.



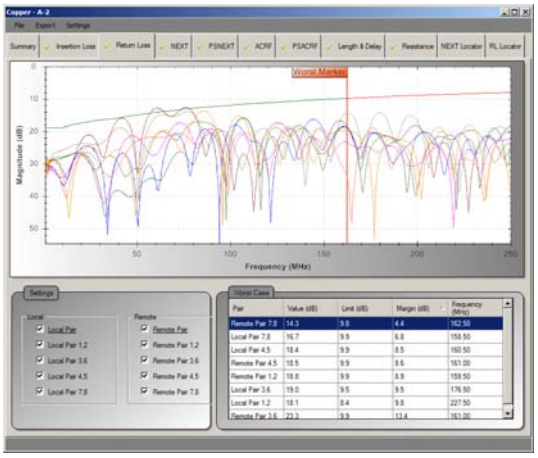
– The ‘Test Probes’ tab displays information on the hardware used to obtain the results.



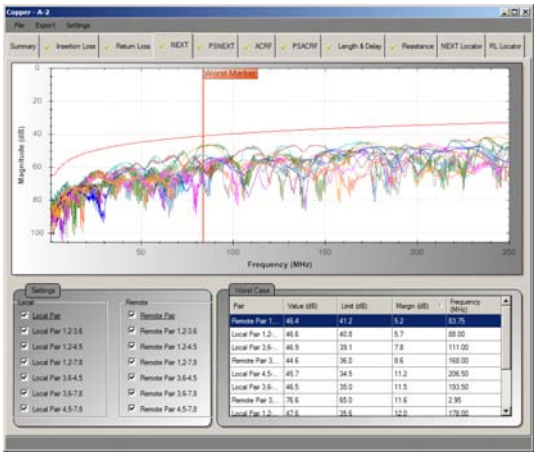
3 Click on the individual tab to display chart, worst marker and other detailed information. Examples of each of the ten tabs are displayed in the following table.



Insertion Loss

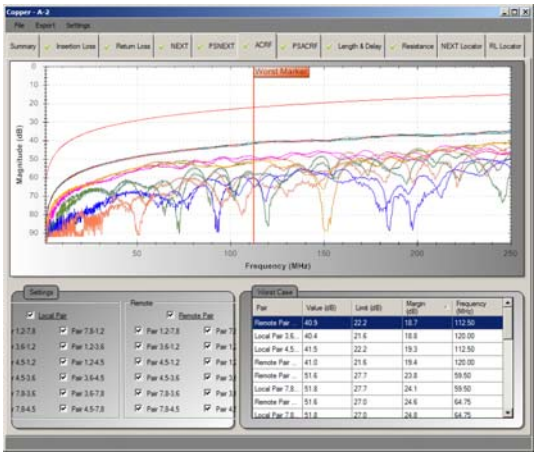


Return Loss



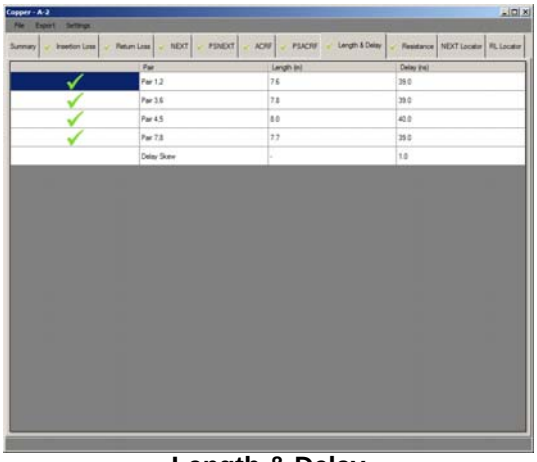
NEXT

PSNEXT

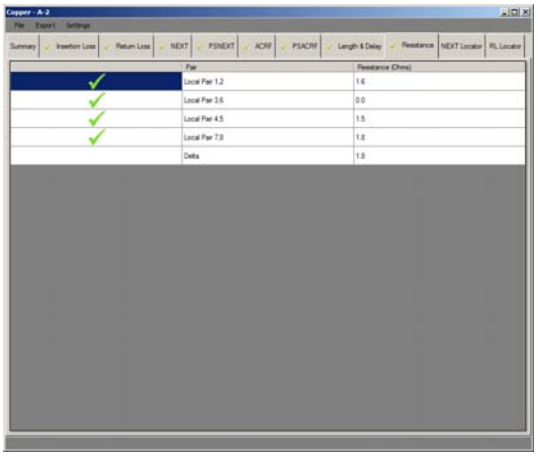


ACRF

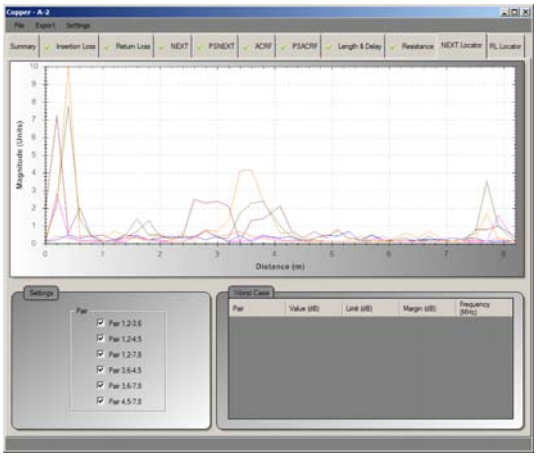
PSACRF



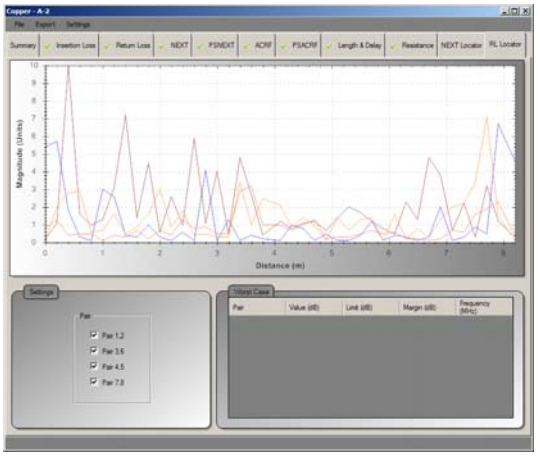
Length & Delay



Resistance



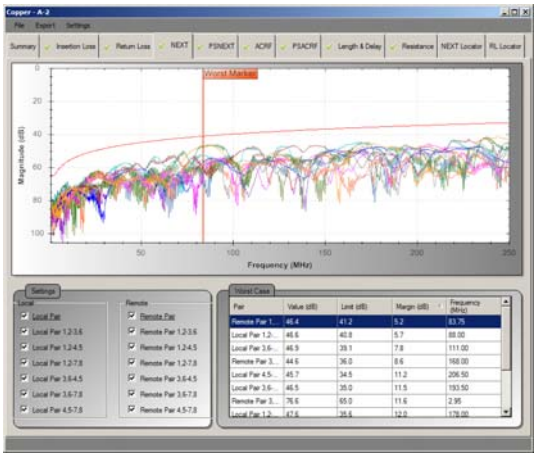
NEXT Locator



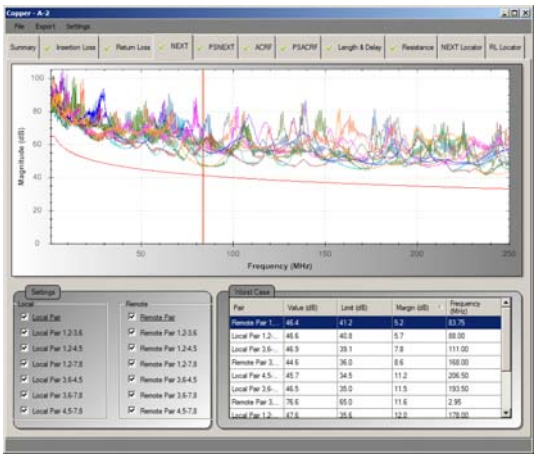
RL Locator

Viewing the Test Results – Inverting Y Axis

Select **Settings** > **Y Axis (Vertical) Orientation** > **Inverted** to display the test results table inverted along the Y axis



Default Chart

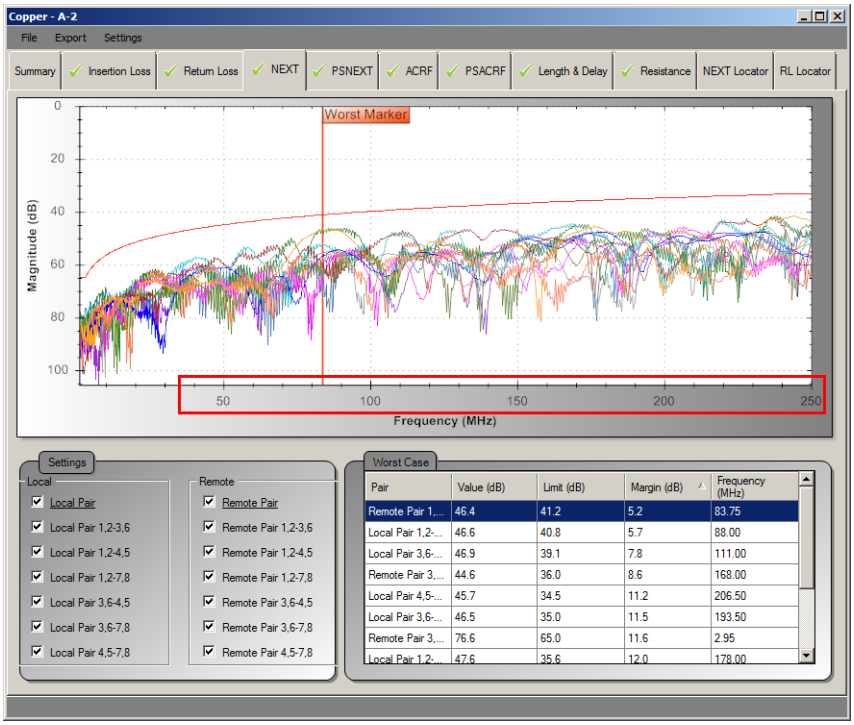


Inverted Chart

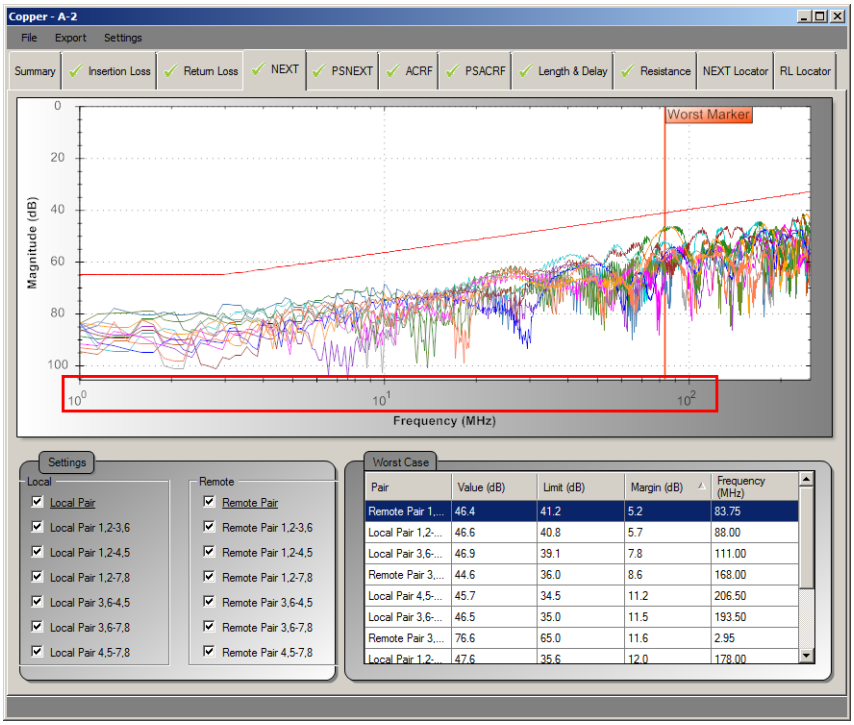
Viewing the Test Results – Linear & Logarithmic

Select **Settings** > **X Axis (Horizontal) Orientation**

Linear – default



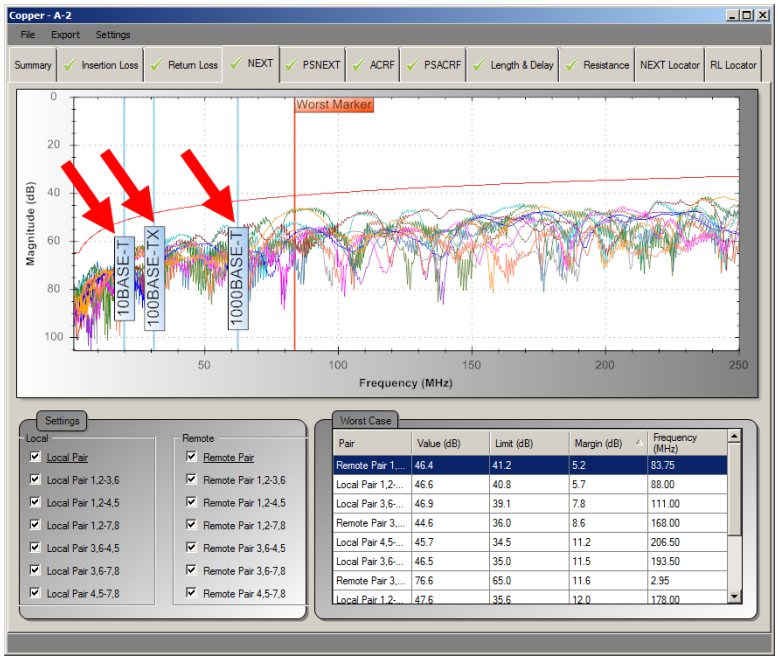
Logarithmic



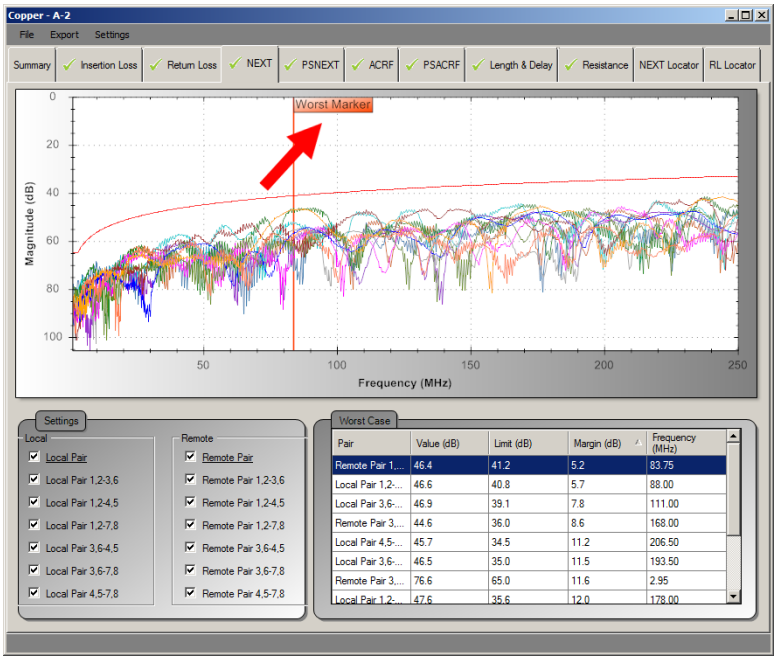
Viewing the Test Results – Markers

Select **Settings** > **Markers**

Ethernet Standards – Additional markers indicating frequencies of various Ethernet standards will be indicated for reference. E.g, 10BASE-T, 100BASE-T, 10GBASE-T & 40GBASE-T.

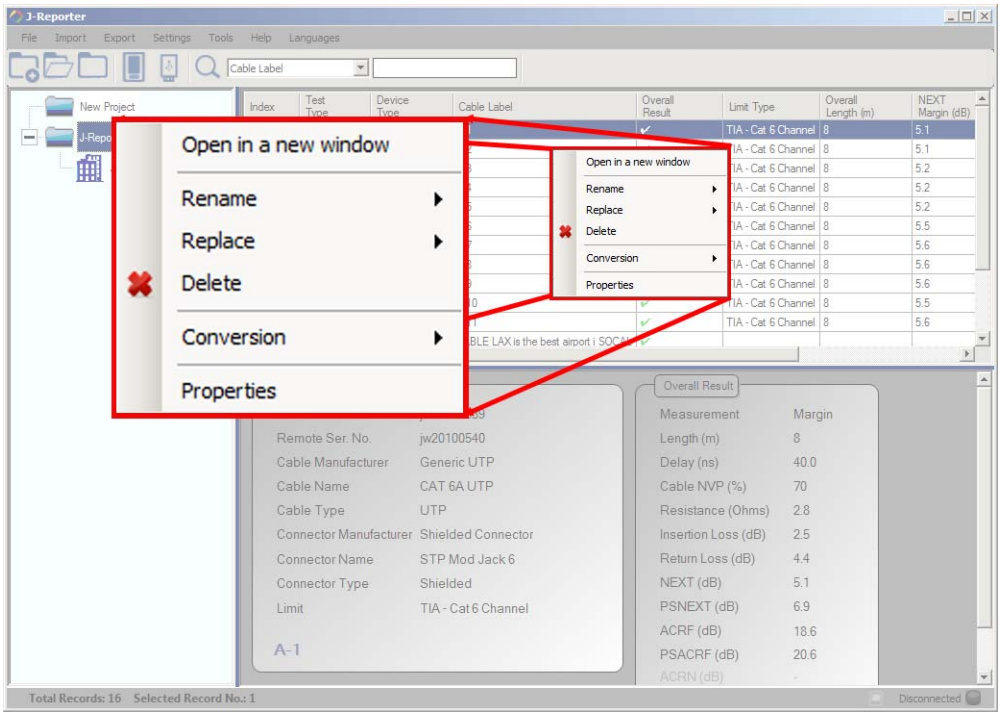


Worst Markers – Default

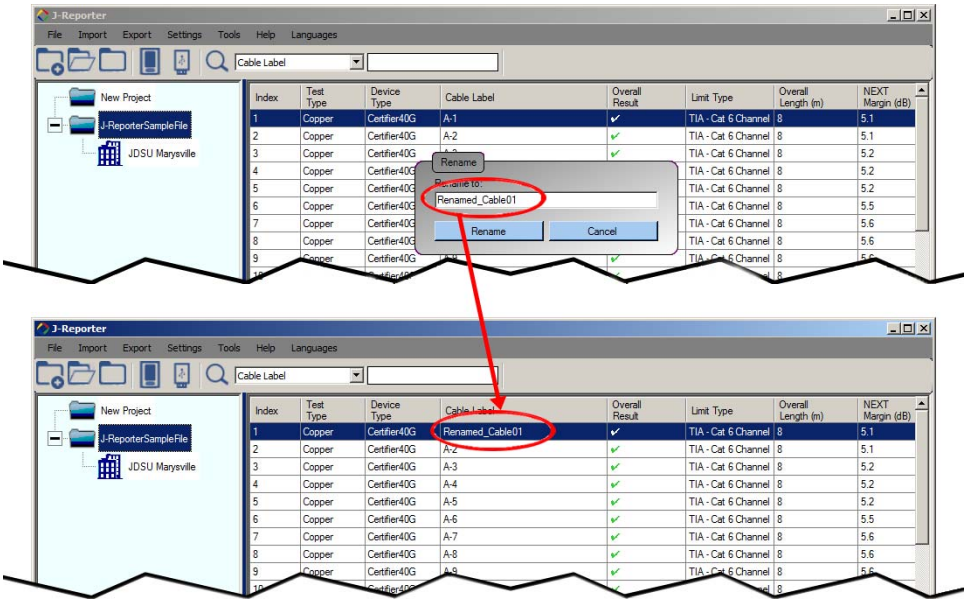


Editing Information

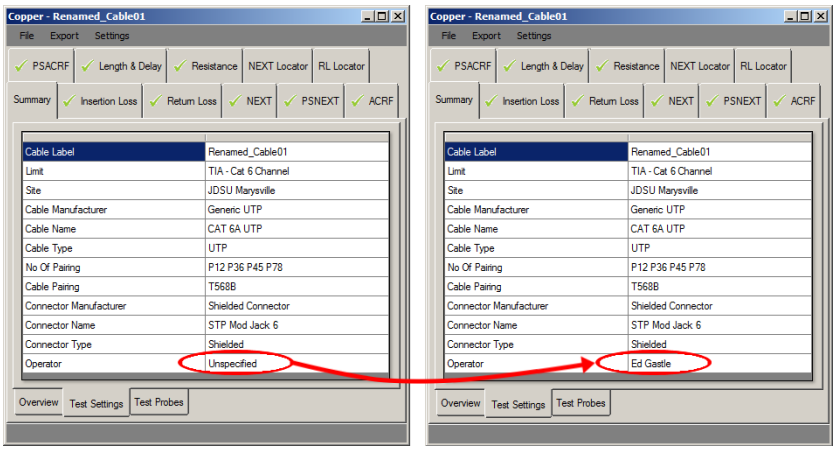
1 Right click at the results selection screen (right panel).



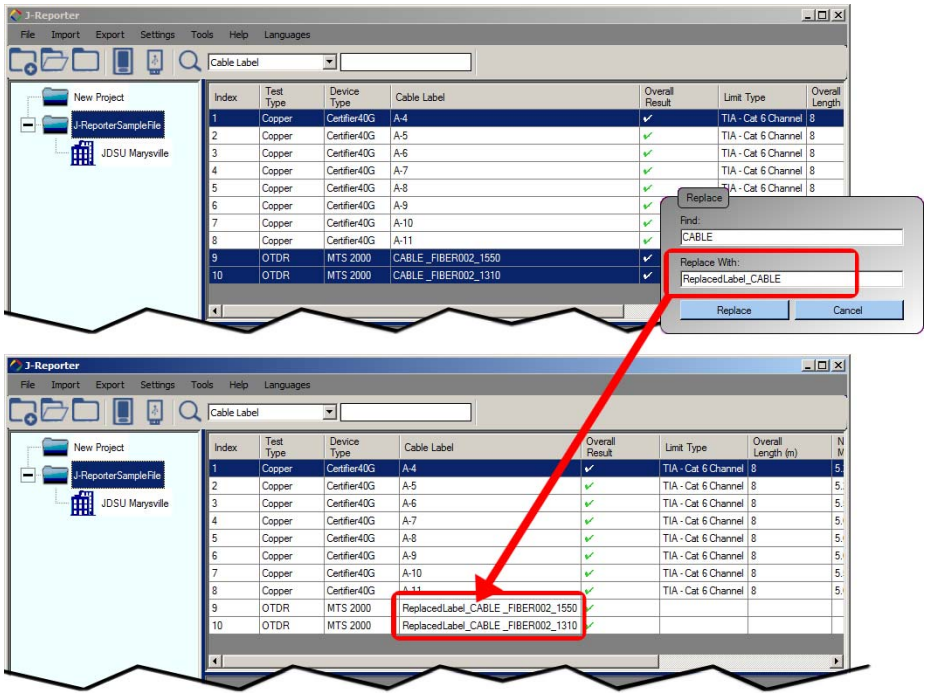
2 Select **Rename** > **Cable Label** to rename the selected result as shown.



3 Select **Rename** > **Operator Name** to rename the selected result.
The renamed Operator Name will be reflected at the 'Test Settings' tab in the detail results.

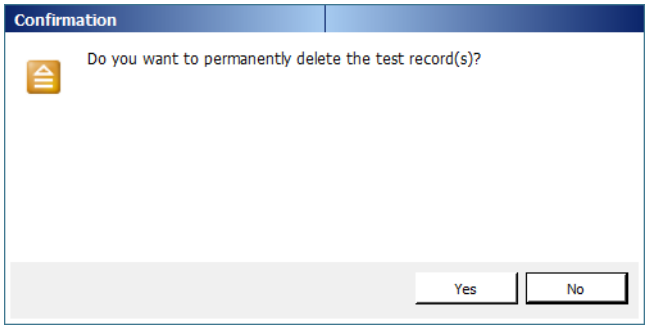


4 Select **Replace** > **Cable Label** to find words you wished to replace on the selected result(s).

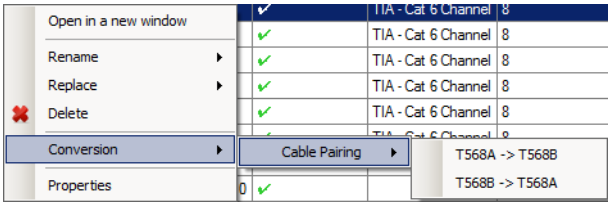


5 Select **Replace** > **Operator Name** to rename the selected result.
As with the renamed operator described in step 3 above, the replaced Operator Name will be reflected at the 'Test Settings' tab in the detail results.

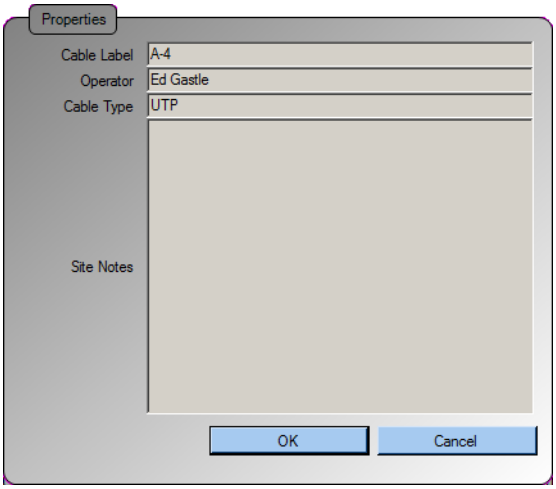
6 Select **Delete** to permanently delete a test result. Click 'Yes' to proceed.



7 Select **Conversion** > **Cable Pairing** to change between T568A to T568B cable pairing and T568B to T568A pairing. Default setting uses the T568B cable pairing.

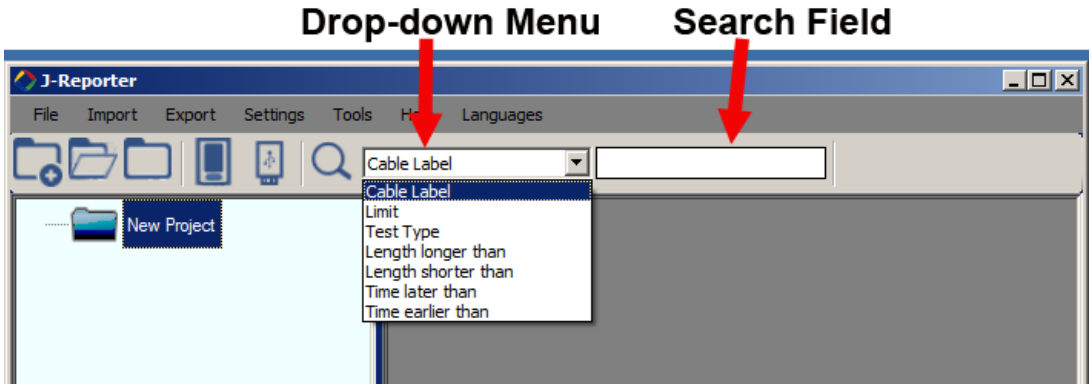


8 Select **Properties** to view user editable information on the selected result.



Searching for Information

1 Select type of search from the drop-down menu and input search value in the search field or select from the additional search options.



2 Press ‘Enter’ or click the ‘Search’ icon on the left to begin search.

4

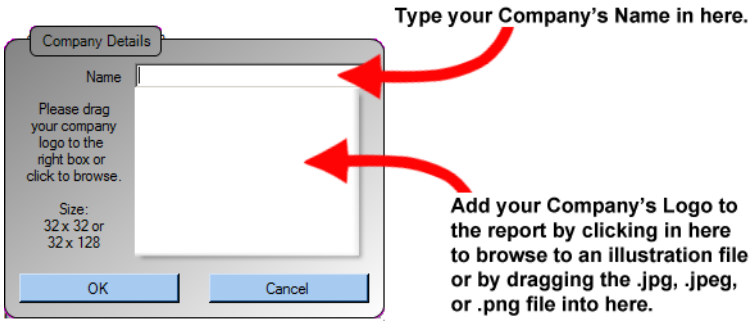
Setting Preferences

This chapter provides instructions for setting your preferences used by J-Reporter. Topics discussed in this chapter are:

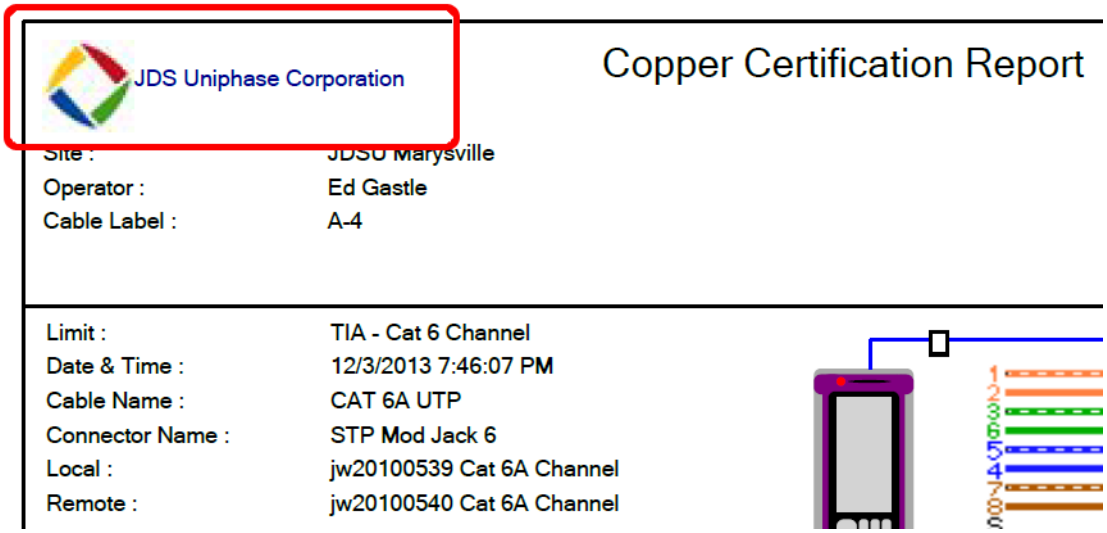
– “Personalizing the Test Results” on page 24
– “Choosing the Length Units” on page 25
– “Choosing the Report Format” on page 26
– “Selecting the Language” on page 27

Personalizing the Test Results

1. Select **Settings** > **Company Details** to personalize test results with your corporate logo and company name.
2. Enter your company's name and click on the empty space to browse for image of the logo. Recommended size for logo – 32 x 32px or 32 x 128px. Click 'OK' to save.

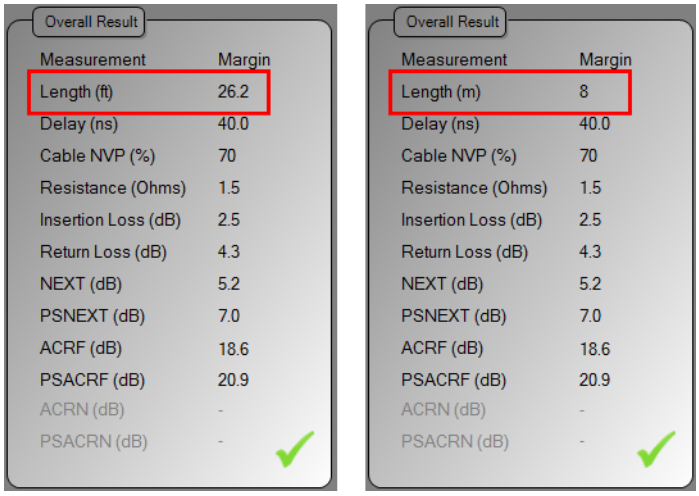


3. Your company's name and corporate logo will be displayed on the top left hand corner of the next result exported.



Choosing the Length Units

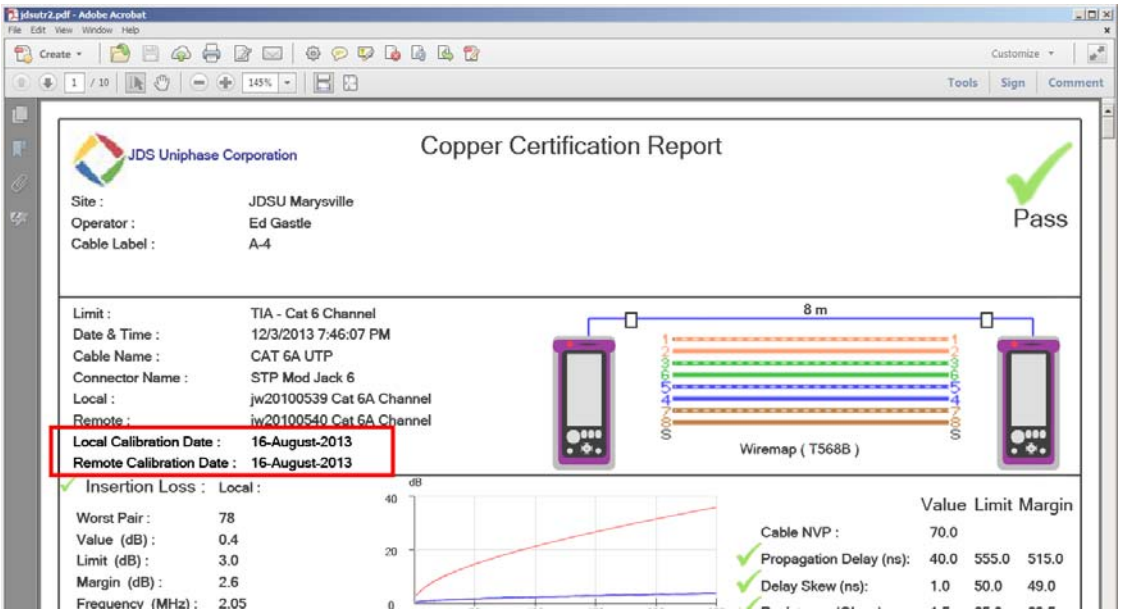
1 Select **Settings** > **Length Unit** to choose the length units to be displayed in either Meters or Feet on the test results.



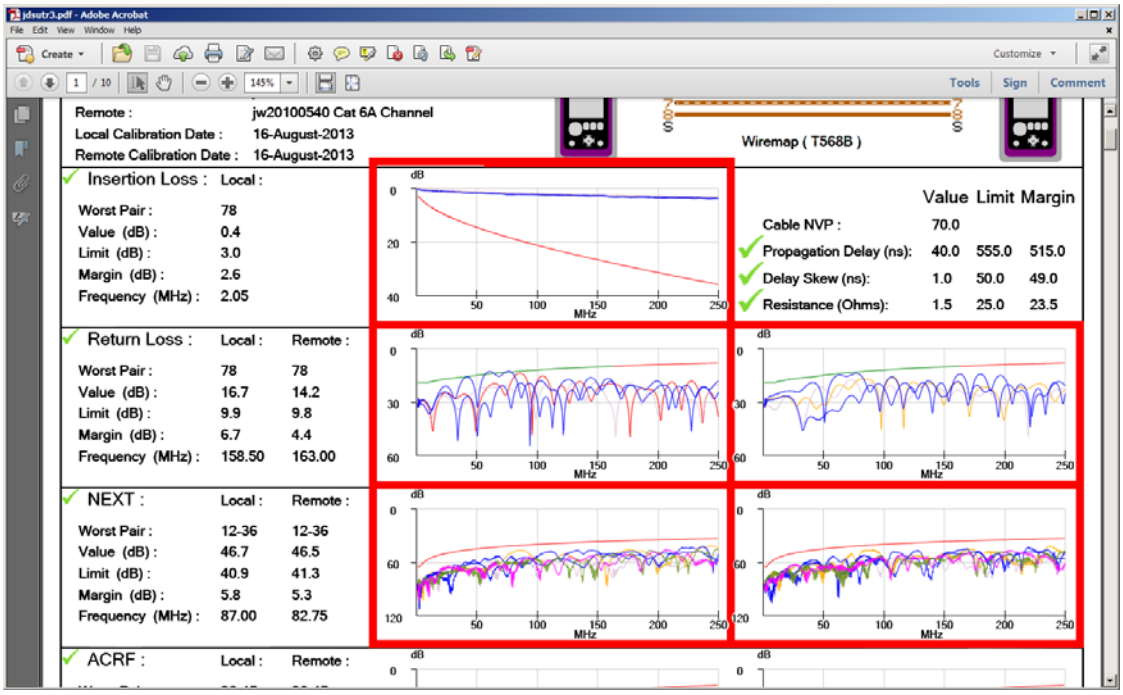
Choosing the Report Format

1 Select **Settings** > **Report Format** to choose the format of the report.

– **Calibration Date** (default) – last calibration date of the Certifier40G will be indicated on the report



– **Y-axis Inverted** – all test results will generate charts with the Y-axis inverted

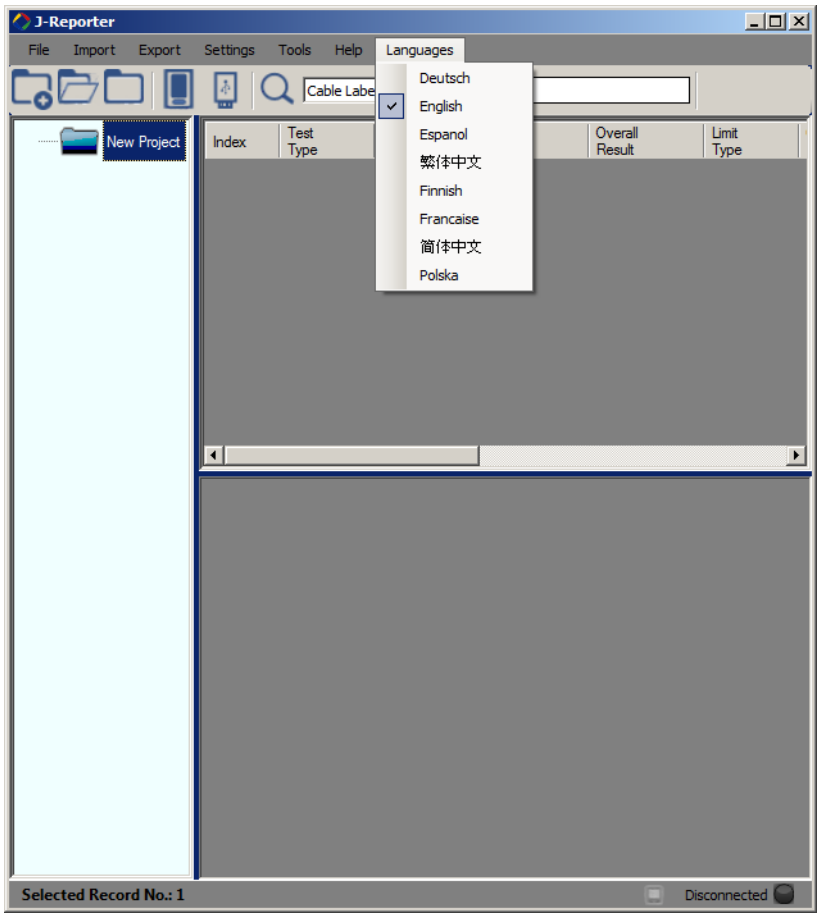


Selecting the Language

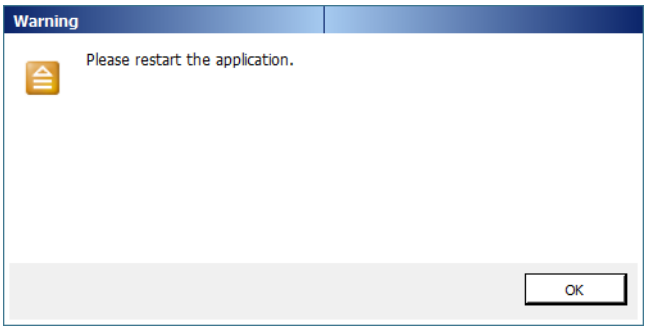
In addition to English, the default language, the following languages are available:

Deutsch, Espanol, Simplified & Traditional Chinese, Finnish, Francaise, and Polska

1 Select **Languages** and choose your preferred language.



2 Once you select a language, you will be prompted to restart J-Reporter. Click ‘OK’ to restart.



5

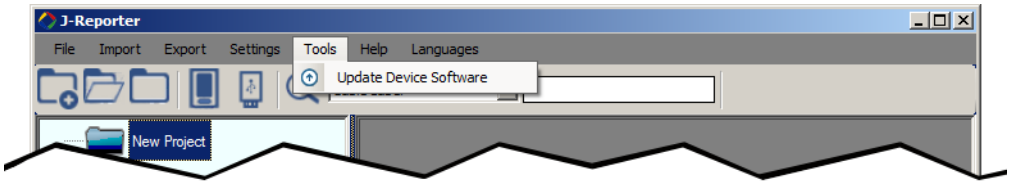
Updating Device Software

This chapter describes how the J-Reporter software can be updated when new versions are available. Topics discussed in this chapter are as follows:

– “Updating the Device Software” on page 30

Updating the Device Software

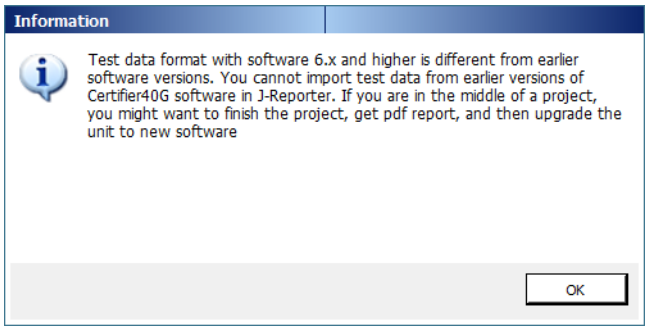
1 Select **Tools** > **Update Device Software**.



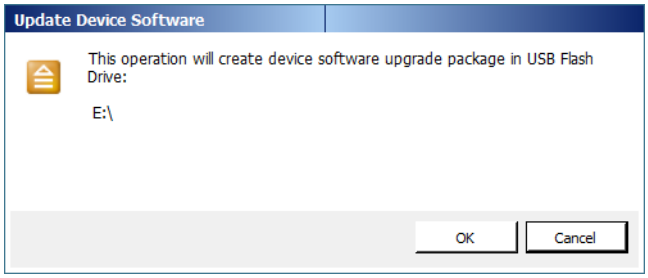
2 Ensure a USB flash drive has been connected to your workstation before proceeding with update.

In the event the USB flash disk is not present, you will be reminded to insert one.

3 Click ‘OK’ after reading the information message to proceed.

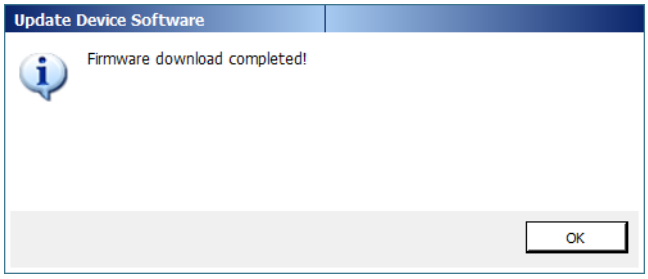


4 Click ‘OK’ to proceed with the update.

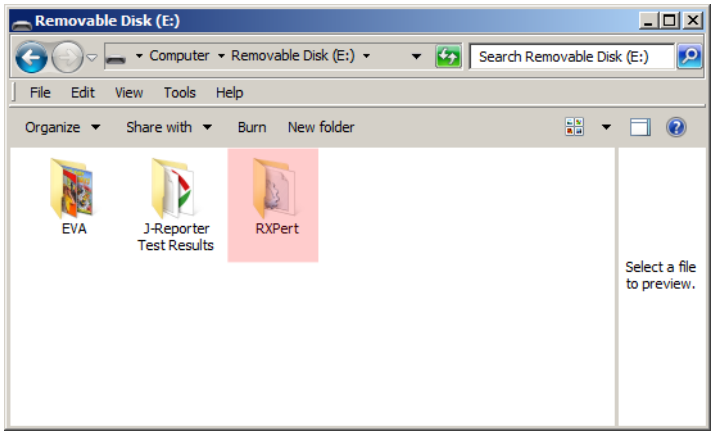


5 The Status bar will display the “Processing” status during the upgrade.

6 You will be informed when the upgrade is complete. Click ‘OK’ to proceed.



7 The files are now stored in folder “RXPert” folder on the USB flash disk.



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P/N 22057094, Rev. 0
March 2014
English