D9010SFPC SFP+ Compliance Test Application Software

Keysight D9010SFPC Software Version 1.31.3.0

Release Date:	April, 2024
Operating System:	Microsoft Windows 10
Instrument Software Version:	11.50.00601 (UXR/UXR-B Series)
	06.74.01101 (90000 Series, 90000 X-Series, 90000 Q-Series, V-Series, and Z-Series)
File Name:	SetupD9010SFPC_SFP_1.31.3.0.exe
License:	Please see the product data sheet on Keysight.com

Issues Fixed:

- Fixed incorrect results reported for **Transmitter Waveform Dispersion Penalty for Cu (TWDPc)** test for 90000 Series oscilloscope.

- Fixed incorrect test algorithm stated in the Methods of Implementation document for **Single-Ended Voltage Range** test.

KEYSIGHT

Keysight D9010SFPC Software Version 1.31.1.0

Release Date:	February, 2024
Requirements Category (e.g., operating system):	Microsoft Windows 10
Requirements Category (e.g., instrument software version):	11.50.00601 (UXR/UXR-B Series) 06.74.00402 (90000 Series, 90000 X-Series, 90000 Q-Series, V-Series, Z-Series)
File Name:	SetupD9010SFPC_SFP_1.31.1.0.exe
License:	Please see the product data sheet on Keysight.com

Bug Fix:

- Fixed Incorrect pattern detected error message prompt when using data rate below 10.3125GHz for PRBS9 tests.

Keysight D9010SFPC Software Version 1.31.0.0

Release Date:	April 17, 2023
Requirements Category (e.g., operating system):	Microsoft Windows 10
Requirements Category (e.g., instrument software version):	11.50.00601 (UXR/UXR-B Series) 06.74.00402 (90000 Series, 90000 X-Series, 90000 Q-Series, V-Series, Z-Series)
File Name:	SetupInfSFP01310000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports UXR-B Series oscilloscope.

Modification:

- Update Keysight License Manager 5.
- Increase the number of worst trial images saves from 5 to 25.

Bug Fix:

- Fixed invalid results for Rise/Fall time test using InfiniiSim.
- Fixed constant test result value "9.313dBe" for TWDPc test on UXR scope model.
- Fixed 4th order Bessel Thomson filter type not working in debug mode.
- Fixed abnormal eye mask generated in Eye Mask Hit Ratio test.

Known issue:

- User will experience saving screen image error while running the tests with Infiniium Offline.

   *Workaround: User will need to enable the offline acquisition in the User Preferences (Utilities menu -> User Preferences).

KEYSIGHT

Keysight D9010SFPC Software Version 1.30.11.0

Release Date:	July 01, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 10, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	11.25.00202 (UXR Series) 06.71.00001 (90000 Series, 90000 X-Series, 90000 Q-Series, V-Series, Z-Series)
File Name:	SetupInfSFP01300011.exe
License:	Please see the product data sheet on Keysight.com

Bug Fix

- Different measurement results for Data Dependent Pulse Width Shrinkage (DDPWS)(p-p) test between 11.20 and 11.25 Infiniium versions.

Known Issue

- Error message will be prompted while saving oscilloscope image after running tests using Pattern 8180.

Keysight D9010SFPC Software Version 1.30.0.0

Release Date:	February 11, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 10, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	11.20.00201 (UXR Series) 06.71.00001 (90000 Series, 90000 X-Series, 90000 Q-Series, V-Series, Z-Series)
File Name:	SetupInfSFP01300000.exe
License:	Please see the product data sheet on Keysight.com

New Features / Enhancements

- The hardware InfiniiSim graph will be turned off when tests are running with InfiniiSim related settings on a UXR oscilloscope.
- The "Accelerated Mask Test" option will be turned off when running any related mask tests on a UXR oscilloscope.

Bug Fixes

- Replaced RP Histogram with TJ Composite Histogram for jitter related tests.
- Fixed the issue of "Eye Mask Hit Ratio" test being unable to run in offline mode.
- Fixed the issue of negative value reporting while running "Eye Mask Hit Ratio" test.
- Fixed the issue of missing images in the PDF report.
- Fixed the issue of app being unable to run any tests after creating a new project.
- Removed the option to set the acquisition bandwidth using Acquisition Setup and allow user to set the acquisition bandwidth in debug mode.

Know Issue

- Error message will be prompted while saving oscilloscope image after running tests using Pattern 8180.

Keysight D9010SFPC SFP+ Compliance Test Application Software Release Notes

Keysight D9010SFPC Software Version 1.24.3.0

Release Date:	April 10, 2020
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	10.25.00902 (UXR Series) 06.55.00504 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01240003.exe
License:	Please see the product data sheet on Keysight.com

Bug Fix

- Fixed the Test Report Comment does not show in the report.

Know Issue

- General:
  o The test value for informative Tests will not show in the report Summary.
- UXR:
  o Signal disappears and thereby timeout for subsequent tests after executing the Qsq Test
    Workaround: Relaunch the Infiniium after executing the Qsq test.
- Signal not trigger properly will happen intermittently for UJ (RMS) test.

Keysight D9010SFPC Software Version 01.24.0001

Release Date:	Dec 20, 2019
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	10.12.05302 (UXR Series) 6.50.00906 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01240001.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports Cygnet
- Adds 6dB attenuation when performing Single Ended Voltage (Positive) and Single Ended Output Voltage (Negative) at UXR scope.

Keysight D9010SFPC Software Version 01.24.0000

Release Date:	Jun 03, 2019
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	10.10.04514 (UXR Series) 6.40.00714 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01240000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Updates the product number from N6468A to D9010SFPC to support PPKS licenses.
- Supports for Infiniium Oscilloscope Software version 10.10.04514 for UXR-Series Oscilloscope.
- Supports for Infiniium Oscilloscope Software version 6.40.00714 for 90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series.

Known Issues

- There is no license found message when user clicks on Tools > Infiniium > InfiniSim or Precision Prob if InfiniiSim & Precision Prob are unavailable in the scope.
- Cygnet feature is not supported in this release.
- Image is missing for PDF file if user would like to export the results in PDF format.
- The "Error saving scope image" will occur intermittently while executing tests.

Keysight N6468A Software Version 01.23.0000

Release Date:	December 21, 2018
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	10.00.03902 (UXR Series) 6.30.00701 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01230000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports for Infiniium Oscilloscope Software version 10.00.03902 for UXR–Series Oscilloscope.

Keysight N6468A Software Version 01.21.0000

Release Date:	March 30, 2018
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	6.20.00615 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01210000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports for Infiniium Oscilloscope Software version 6.20.

Keysight N6468A Software Version 01.20.0000

Release Date:	March 29, 2017
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	6.00.00537 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01200000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports for Infiniium Oscilloscope Software version 6.00.

Bug Fixes

- Fixed timeout error when testing rise/fall time using 8180 patterns.
- Fixed the wrong placement if the zoom window issue of Voltage Modulation Amplitude for Cu(vma)(p-p).

Keysight N6468A Software Version 01.11.0000

Release Date:	April 17, 2015
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	4.60 (90000 Series, 90000 X-Series, 90000 Q-Series, Z-Series)
File Name:	SetupInfSFP01110000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports for Infiniium Oscilloscope Software version 5.50.

Bug Fixes

- Fixed error when XLPPI mode is selected.

Agilent N6468A Software Version 01.10.0000

Release Date:	May 15, 2014
Requirements Category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	4.60 (90000 Series, 90000 X-Series, 90000 Q-Series)
File Name:	SetupInfSFP01100000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- Supports for Infiniium Oscilloscope Software version 5.00.

Agilent N6468A Software Version 01.01.0000

Release Date:	May 15, 2014
Requirements Category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	4.20 (90000 Series, 90000 X-Series, 90000 Q-Series)
File Name:	SetupInfSFP01010000.exe
License:	Please see the product data sheet on Keysight.com

New Features

- TWDPc test using user-built Matlab script.
- Added support for simultaneous testing using 2 differential channels, 4 single-ended channels and a maximum of 6 devices when using switch matrix (SFP).
- Added 2 new CPRI rates (9.8304G, 10.1376G).

Keysight D9010SFPC SFP+ Compliance Test Application Software Release Notes

Bug Fixes

- Fixed issue where in switch matrix mode, app does not tell you to change the pattern.

- Fixed issue where PRBS9 pattern checking would hang up the app if incorrect pattern used.

Note: This will be the last version to support Infiniium 80000 Series and Infiniium Oscilloscope Baseline Version 4.20.

Agilent N6468A Software Version 01.00.0000

Release Date:	November 15, 2013
Requirements Category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements Category (e.g., instrument software version):	4.20 (90000 Series, 90000 X-Series, 90000 Q-Series)
File Name:	SetupInfSFP01000000.exe
License:	Please see the product data sheet on Keysight.com

Initial Release