D9010BJCC 100GBASE–CR4 Compliance Test Application

Keysight D9010BJCC Software Version 3.70.18.0

Release Date:	April 27, 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 Z-Series)
File Name:	SetupInf100GBASECR46403700018.exe
License:	Please see the product data sheet on Keysight.com.

New Feature

- Support UXR-B Series oscilloscope.

Modification

- Update Keysight License Manager 5.

KEYSIGHT

Keysight D9010BJCC Software Version 3.70.11.0

Release Date:	July 1, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements Category (e.g., instrument software version):	11.30.00406 (UXR-Series)
	06.73.00102 (90000 Z-Series)
File Name:	SetupInf100GBASECR46403700011.exe
License:	Please see the product data sheet on Keysight.com.

Issue Fixed

- Fixed the **Even Odd Jitter** Test to provide consistent measurement results on both 11.20 and 11.25 versions of Infiniium.

Known Issues

- While running **Signal to Noise Distortion Ratio** Test using single ended offline waveforms, the test will either get aborted or will produce incorrect results on a UXR oscilloscope.

- Results will not be appended to the existing results in the following two cases:

  o If the **Results** tab already contains the results for a single lane test, and then the next test is run in multi-lane mode using a Switch Matrix.

  o The vice-versa is also true, that is, if the **Results** tab already contains results for a multi-lane test run using Switch Matrix, and then the single lane measurement is executed, the results for the multi-lane will not be appended to the single lane test.

- Effective BUJ/TUJ are not measured at specific transition edges.

- 'Saved Waveform Setup' settings will not reset to default when a new project is created.

- App will not launch in demo mode.

Keysight D9010BJCC 100GBASE-CR4 Software Version 3.70.0.0

Release Date:	October 15, 2021
Requirements Category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements Category (e.g., instrument software version):	11.15.00203 (UXR-Series)
	06.70.00001 (90000 Z-Series)
File Name:	SetupInf100GBASECR46403700000.exe
License:	Please see the product data sheet on Keysight.com.

New Features / Additions

- Added Coefficient Initialization Tests.

Modifications / Changes

- Revised the connection diagrams for the **Return Loss** Tests.

- Revised the common mode connection diagrams by adding two 5 kΩ resistors.

- The graph of hardware InfiniiSim is turned off when running any tests with InfiniiSim related settings on a UXR oscilloscope.

- Fixed the issue wherein different results were obtained using single ended offline waveform and differential offline waveform for the Signal to Noise Distortion Ratio Test on a Z-Series oscilloscope.

- Fixed the issue in which wrong value was displayed in the **Results** tab > **Actual Value** column for the **Normalized Coefficient Step Size** Test.

Known Issues

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- Results will not be appended to the existing results in the following two cases:

  o If the **Results** tab already contains the results for a single lane test, and then the next test is run in multi-lane mode using a Switch Matrix.

  o The vice-versa is also true, that is, if the **Results** tab already contains results for a multi-lane test run using Switch Matrix, and then the single lane measurement is executed, the results for the multi-lane will not be appended to the single lane test.

- Effective BUJ/TUJ are not measured at specific transition edges.

- 'Saved Waveform Setup' settings will not reset to default when a new project is created.

- App will not launch in demo mode.

Keysight Software Version 3.60.0.0

Released Date:	18 June, 2021
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	06.60.00504/11.10.00202
File Name:	SetupInf100GBASECR46403600000.exe

Modifications

- Fixed issue while removing the incorrect unit used in the Normalized Coefficient Step Size tests.

- Fixed issue while using the wrong S parameters while running the Return Loss Measurement tests

- Added DC blocks in the connection diagram for UXR model.

- Fixed jitter test reported 0UI issue.

Keysight Software Version 3.50.15.0

Released Date:	26 June, 2020
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	06.55.00504/10.25.00902
File Name:	SetupInf100GBASECR46403500015.exe

Modifications

- Fixed app not response when running with offline waveform.

- UXR (2 Channels)

  - Fixed wrong channel pairing in Infiniisim.

  - Fixed issue while creating new project in 2 channels scope after loading the 4 channels project file.

KEYSIGHT

Keysight Software Version 03.50

Released Date:	31 July, 2019
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.40.00714/10.10.04514
File Name:	SetupInf100GBASECR403500007.exe

Modifications

- New licensing

- Added averaging for steady state

- Verified for Infiniium 6.40 and 10.10

Keysight Software Version 02.01.0009

Released Date:	11 May 2017
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	6.00
File Name:	SetupInf100GBASECR402010010.exe

Modifications

- Added Precision Probe support

Keysight Software Version 02.01.0009

Released Date:	28 MAr 2017
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	6.00
File Name:	SetupInf100GBASECR402010009.exe

Modifications

- Updated Matlab Version for Infiniium 6.0

Keysight Software Version 02.01.0008

Released Date:	22 Feb 2017
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.50
File Name:	SetupInf100GBASECR402010008.exe

Modifications

- Fixed waveform file issue with steady state and linear fit tests

Keysight Software Version 02.01.0005

Released Date:	2 Aug 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.50
File Name:	SetupInf100GBASECR402010005.exe

Modifications

- Fixed Pre and Post cursor test pop-up text to correct coef settings.

Keysight Software Version 02.01.0004

Released Date:	13 June 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.50
File Name:	SetupInf100GBASECR402010004.exe

Modifications

- Updated thresholds on Jitter to scan for tighter threshold edges. Jitter was sometimes missing single bits.

Keysight Software Version 02.01.0001

Released Date:	31 July 2015
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.50
File Name:	SetupInf100GBASECR402010002.exe

Modifications

- Added offline waveform (.wfm,.h5) capabilities. Select "Saved Waveform Setup" on setup tab

- Fixed step size sign

- Config option to select any data rate

- Updated thresholds

Keysight Software Version 02.00.0001

Released Date:	20 Feb 2015
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.20
File Name:	SetupInf100GBASECR402000001.exe

Modifications

- Fixed SteadyState voltage and linear fit measurements.

- Updated step size tests to optional loop as many steps needed for given coef

- Added SNDR

- Made Single Lane default

Agilent N8830A Software Version 01.00

Released Date:	7 July 2014
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.10
File Name:	SetupInf100GBASECR401000000.exe

Initial Release