

N109310CA SFF-8431 FlexDCA Compliance Test Application

Keysight N109310CA Software Version 1.20.3.0

Release Date:	April 5, 2024
Operating System:	Microsoft Windows 10
Minimum Instrument Software Version:	A.07.41.27
File Name:	SetupN109310CA_SFF-8431_1.20.3.0.exe
License:	Please see the product data sheet on Keysight.com.

Modification / Change

- Included updated "Notices" file.

Known Issue

- The app will throw an exception and crash when clicking on **Help > License Agreement > Open Folder**.

Keysight N109310CA Software Version 1.20.2.0

Release Date:	December 08, 2023
Operating System:	Microsoft Windows 7 and Windows 10
Minimum Instrument Software Version:	A.07.41.27
File Name:	SetupN109310CA_SFF-8431_1.20.2.0.exe
License:	Please see the product data sheet on Keysight.com.

Modification / Change

- Application upgraded to support the F-JSA license.

Note / Recommendation

- This is the last version that supports the Microsoft Windows 7 operating system.

Keysight N109310CA Software Version 1.20

Release Date:	May 01, 2023
Operating System:	Microsoft Windows 7 and Windows 10
Minimum Instrument Software Version:	A.07.00.763
File Name:	SetupInfSFFTTest01200000.exe
License:	Please see the product data sheet on Keysight.com .

Modifications / Changes

- Updated the software to support latest version (5.5.1.81) of Keysight License Manager 5.
- Fixed the tests that were not using correct channel when InfiniiSim was applied.
- Fixed the “Eye Mask test” under **Host Transmitter Output** by applying 12 GHz Gaussian response filter.
- Included MCR 7.10 as pre-requisite installer.
- Fixed the file transfer issue in Return Loss tests
- Fixed the remote command issue related to external instrument configuration.

Keysight N109310CA Software Version 1.15

Release Date:	18 Sept 2019
Operating System:	Microsoft Windows 7
Minimum Instrument Software Version:	A.06.40.429
File Name:	Setup_FlexDca_App_N109310CA SFF-8431_v1.15r
License:	Please see the product data sheet on Keysight.com.

Modifications / Changes

- Product number is changed from “N1014A” to “N109310CA”.
- Support PPKS licenses.

Keysight N109310CA Software Version 1.14

Release Date:	
Operating System:	Microsoft Windows 7
Minimum Instrument Software Version:	86100D Infiniium DCA-X Mainframe
File Name:	Setup_Application_N1014A SFF-8431_v1.14r.exe
License:	Please see the product data sheet on Keysight.com.

New Features / Additions

- Added N1045B support

Issues Fixed

- Fixed the tests not run with N4877A issue.
- Fixed SE Output Voltage test abort issue.
- Fixed JSA doesn't turn on issue.

Keysight N109310CA Software Version 1.13

Release Date:	
Operating System:	Microsoft Windows 7
Minimum Instrument Software Version:	86100D Infiniium DCA-X Mainframe
File Name:	Setup_Application_N1014A SFF-8431_v1.13r.exe
License:	Please see the product data sheet on Keysight.com.

New Features / Additions

- Added N1076/77A support.
- Added N1046A support.
- Added DCA-M support.
- Added N1060A support.
- Added Cygnet support.

Issues Fixed

- Fixed issue while uploading results on Cygnet.
- Fixed Output TWDPC-Host Cu test getting Abort.
- Fixed tests are running with non-compliant test patterns.
- Fixed the issue unable to detect pattern if it is changed during the test run.
- Fixed Common Mode voltage issue.
- Fixed incomplete issue in calculating Signaling rate.
- Fixed Eye Mask test unable to generate the results.
- Fixed Differential VMA, Host Rec'r Linear, SR/LR aborts when run along with Differential VMA,
Host Rec'r Linear, LRM test.
- Fixed wrong error message in UJ and TJ test.

- Fixed Transmitter Qsq-Host test aborts when run along with TJ test.
- Fixed Total Jitter test gets aborted with wrong message when run along with Waveform tests.
- Fixed Crosstalk Source Amplitude- Host test do not give results if run with other tests.
- Fixed error evaluating expression in DDPWS- Host Receiver Limiting test.

Keysight N109310CA Software Version 1.12

Release Date:	
Operating System:	Microsoft Windows 7
Minimum Instrument Software Version:	86100D Infiniium DCA-X Mainframe
File Name:	Setup_Application_N1014A SFF-8431_v1.12r.exe
License:	Please see the product data sheet on Keysight.com.

New Features / Additions

- Added support for N1045A and N1055A.
- Added support for 86100D internal PTB option.
- Changed the Instrument protocol connection to Socket connection for ENA.
- Changed the connection instructions for ENA.

Issues Fixed

- Fixed Differential VMA, Host Stress Gen group tests crash.
- Fixed Total Jitter-Host tests failed issue when run in combination with certain other tests.
- Fixed Total Jitter does not use RJ from Jitter mode in the measurement.
- Fixed Output AC Common Mode Volatge-Host test crashes.
- Fixed Termination Mismatch test.
- Changed External instrument from “Agilent” to “Keysight”.

Keysight N109310CA Software Version 1.10

Release Date:	
Operating System:	Microsoft Windows 7
Minimum Instrument Software Version:	86100D Infiniium DCA-X Mainframe
File Name:	Setup_Application_N1014A SFF-8431_v1.10r.exe
License:	Please see the product data sheet on Keysight.com.

New Features / Additions

- Total jitter tests and 99% Jitter tests will now use the internal 401 Advanced Eye instead of the 401 excel script.
- Added SIRC support.

Issues Fixed

- Enable pattern lock for Transmitter Qsq-Host test.
- Made sure the test was going into osc mode at start so that Module tests can run standalone.
- Added check to ignore 86107A and N4877A if PTB and CDR are set to off.
- Fixed bug for Common Mode RL measurement when using PNA.

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