

N1091BSCB IEEE 802.3 bs/cd Test Application Software

Keysight N1091BSCB Software Version 3.4.0.0

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| Released Date: | 5 Aug 2022 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | A.06.91.29 |
| File Name: | SetupInfIEEE400GDC A03040000.exe |

- Support Subscription Bundle License “SW00DCAI” – For more information, see the Data Sheet.

Keysight N1091BSCB Software Version 3.3.0.0

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| Released Date: | 20 July 2022 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | 6.91.29 |
| File Name: | SetupInfIEEE400GDC A03030000.exe |

- Fixed the issue of incorrect steady-state voltage test limit in 50GBASE-CR, 100GBASE-CR2, and 200GBASE-CR4.
- Fixed the issue of incorrect eye probability of Eye Measurement in NRZ signal type.
- Support Remote Interface Hint for “Set Channel Skew” and “ERL File Setup” features.
- Support the remote handle of “Restore recovered data” prompt.

Known issues:

- The “Close“ button in Help Menu -> About is not responding in Windows 10.
Workaround: press the [Escape] key to close the About window.
- The results of Return Loss will not get appended if run using different instruments (PNA/N1055A).
- Connection diagrams are not updated as per connected module
- Observed error intermittently while saving the project.

Keysight N1091BSCB Software Version 3.2.0.0

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| Released Date: | December 2021 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | 6.81.26 |
| File Name: | SetupInfIEEE400GDCA03020000.exe |

- Fixed the issue of unable to select the scope channel when using InfiniiSim.
- Fixed the issue of unable to run the Eye measurements with 86100D legacy licenses.
- Fixed the issue of app still able to proceed for measuring the transition time tests although the app unable to find the correct sequence.
- Fixed the issue of incorrect screen capture for Far-end Eye Height test when it runs together with Far-end pre-cursor ISI ratio test.
- Fixed the issue of pattern lock is not locked when the tests run in Simulation Mode.
- Fixed the issue of app failed to run in simulation mode when MegaModule is connected.
- The “CRE Jitter Optimization“ config is created
- Fixed the issue of RL test limits no display when run using PNA.

Known issues:

- The “Connect to FlexDCA“ option missing in File menu.
- The “Close“ button in Help Menu -> About is not responding in Windows 10.

Workaround: press the [Escape] key to close the About window.

- The setup tab parameters like “Select Lane Number” and the dropdown menu of Network Analyzer will not get reset to default when New project is created.
- The warning message “Path failed to acknowledge empty” will be observed intermittently while running the tests.
- The selection of Network Analyzer dropdown menu in Set Up tab will be reset to default when changing the mode in config tab (from Compliance to Debug or vice-versa).

Keysight N1091BSCB Software Version 3.1.0.0

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| Released Date: | April 2021 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | 6.60.378 |
| File Name: | SetupInfIEEE400GDCA03010000.exe |

- Fixed Rise/Fall time image in report.
- Supported NRZ EOJ tests to have 2 repetitions of PRBS9 pattern.
- Support N1040A Remote Head module.
- Fixed issue on incorrect signaling rate reported.
- Included Coefficient Range test and Coefficient Initialization test in 50G-CR standard.
- Fixed the incorrect setting for LAUI-2 NRZ transition time measurement.

Keysight N1091BSCB Software Version 03.00

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| Released Date: | 20 Aug 2020 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | 6.50.287 |
| File Name: | SetupInfIEEE400GDCA03000001.exe |

- Add N1055A support for return loss
- Fixed issue with N1060A on step size tests – the PTB would lose sync after an update, add sync PTB

- Update Loop Bandwidth Tuning feature
- Known issues: When using an N1092C, Run Simulation signals does not work – all other modules work as expected with simulation signals.
- Multi-lane testing has not been varified in this version.

Keysight N1091BSCB Software Version 02.00

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| Released Date: | 12 Sept 2019 |
| Requirements category (e.g., operating system): | Microsoft Windows 7, Windows 10 |
| Requirements category (e.g., instrument software version): | 6.4 |
| File Name: | SetupInfIEEE400GDC A02000000.exe |

- Initial release