

N108xA IEEE 802.3 Ethernet KR/CR Compliance Test Application Software

Keysight Software Version 03.00.0000

Released Date:	3 Sept 2018
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInfIEEE802303000000.exe

Modifications

- Add N109xA, N1046A, N1060A support.
- Add N1076/77A support.
- Add Cygnet support.

Keysight Software Version 02.50.0004

Released Date:	22 Mar 2018
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInfIEEE802302500004.exe

Modifications

- Update from 32 bit to 64 bit app

Keysight Software Version 02.50.0001

Released Date:	31 Oct 2017
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInflEEE802302500001.exe

Modifications

- Fixed deskew calibration on N1045A to use same SIRC settings as application

Keysight Software Version 02.50.0000

Released Date:	11 Aug 2017
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInflEEE802302500000.exe

Modifications

- Add N1076/77A support
- For Tx Disable test, turn InfiniiSim off and don't autoscale
- Changed eye measurements to jitter mode
- Change eye to use probability terms rather than BER.
- Add Initialize coefficient tests

Keysight Software Version 02.00.0004

Released Date:	2 Aug 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInflEEE802302000004.exe

Modifications

- Fixed PTB for SQ8 pattern when using IPTB and N1045A or N1055A.

Keysight Software Version 02.00.0003

Released Date:	4 June 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInfIEEE802302000003.exe

Modifications

- Fixed CAUI-4 Single-Ended InfiniiSim usage.

Keysight Software Version 02.00.0001

Released Date:	4 June 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInfIEEE802302000001.exe

Modifications

- Fixed CAUI-4 Common-mode to divide by 2.

Keysight Software Version 02.00.0000

Released Date:	4 May 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.31
File Name:	SetupInfIEEE802302000000.exe

Modifications

- CAUI-4 application added

Keysight Software Version 01.05.0000

Released Date:	1 April 2016
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	5.20
File Name:	SetupInf\EEE802301050000.exe

Modifications

- 10GBASE-KR – Fixed the edge find for SQ8 pattern for coef update tests when step sizes are larger and require signal reset.
- nPPI – reduced jitter measurement wait time
- All – fixed intermittend voltage error on signal verification

Keysight Software Version 01.04.0000

Released Date:	30 Sept 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	4.53
File Name:	SetupInf\EEE802301040000.exe

Modifications

- This is the last supported XP version.

Keysight Software Version 01.03.0000

Released Date:	25 Sept 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	4.53
File Name:	SetupInf\EEE802301030000.exe

Modifications

- Added N0155A option for TDR measurements
- Added the ability to use simulation signals for all electrical measurements (set in config)
- The steady state, linear fit, step size, and cursor tests would only allow for PRBS9. Updated to allow for any pattern if disable pattern check is set in the config tab.

- Fixed step size reporting to use same number of decimal places
- Fixed common mode scaling
- Fixed 100GBASE-KR4 Rm calculation

Keysight Software Version 01.02.0007

Released Date:	20 Mar 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	4.21
File Name:	SetupInfIEEE802302000007.exe

Modifications

- Added option to equalize pulse on KR4 measurements – this is for fixtures etc that are added between TPO and probing.
- Updated Coef Step size to subtract after-before

Keysight Software Version 01.02.0006

Released Date:	20 Feb 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	4.21
File Name:	SetupInfIEEE802302000006.exe

Modifications

- Added view demo mode start menu option

Keysight Software Version 01.02.0000

Released Date:	20 Feb 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	4.21
File Name:	SetupInfIEEE802302000000.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 for 100G KR4 and CR4 and far end noise for 40G CR4
- Added internal PTB
- Added selectable data rate in config tab
- Added .s4p support
- Rebrand

Agilent N108xA Software Version 01.01.0000

Released Date:	20 Feb 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7
Requirements category (e.g., instrument software version):	2.51
File Name:	SetupInfIEEE802301010000.exe

Modifications

- Updated 100GBASE-KR4 and 100GBASE-CR4 from spec release IEEE802.3bj D2.2 to IEEE802.3bj D3.2
- Added Max RMS error test for 40GBASE-CR4 and 100GBASE-CR10
- Fixed issue with save project file where default directory name contained “\”
- Updated steady state voltage test.

Agilent N108xA 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:	SetupInf100GBASEKR401000000.exe

Initial Release

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