

# D9010BJAC 40GBASE-CR4 and 100GBASE-CR10 Compliance Test Application

Keysight D9010BJAC Software Version 3.20.3.0

Release Date:	April 19, 2024
Operating System:	Microsoft Windows 10
Instrument Software Version:	6.74.00402 (9000 Series, S-series, 90000 Series, 90000 X-Series, 90000 V-Series, 90000 Q-Series, and 90000 Z-Series) 11.51.00102 (UXR Series)
File Name:	SetupD9010BJAC_40GBASE-CR4_and_100GBASE-CR10_App_Test_3.20.3.0.exe
Licenses:	Please see the product data sheet on Keysight.com.

## Issues Fixed

- Corrected wrong information message regarding prerequisites for linear fit pulse test.
- Fixed missing test for 100G-CR10 ("Far-End Transmit Output Noise" test group).
- Fixed incorrect results for "Random Jitter" and "Duty Cycle Distortion" test.
- Fixed repeated test names for 40G-CR4 ("Far End Transmit Output Noise" test group).
- Fixed issues with reported items when running "Max RMS Normalized Error" tests in groups.
- Fixed jitter measurement issue wherein the result returned all zeros.

## Known Issue

- Stopping the run after multiple runs is taken as an internal error.

## Keysight D9010BJAC Software Version 3.20.2.0

Release Date:	March 27, 2023
Requirements Category (e.g., operating system):	Microsoft Windows 10
Requirements Category (e.g., instrument software version):	6.74.00402(9000 Series, S-series, 90000 Series, 90000 X-Series, 90000 V-Series, 90000 Q-Series, 90000 Z-Series) 11.50.00102 (UXR Series)
File Name:	SetupInf40GBASE03200002.exe
Licenses:	Please see the product data sheet on Keysight.com.

### Modification

- Update Keysight License Manager 5.

## Keysight D9010BJAC Software Version 3.20.1.0

Release Date:	November 25, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 10
Requirements Category (e.g., instrument software version):	6.73.00102(9000 Series, S-series, 90000 Series, 90000 X-Series, 90000 V-Series, 90000 Q-Series, 90000 Z-Series) 11.30.00406 (UXR Series)
File Name:	SetupInf40GBASE03200001.exe
Licenses:	Please see the product data sheet on Keysight.com.

### Issues Fixed

- Fixed incorrect title name stated in the MOI for 3.20.0.0 version.

## Keysight D9010BJAC Software Version 3.20.0.0

Release Date:	November 18, 2022
Requirements Category (e.g., operating system):	Microsoft Windows 10
Requirements Category (e.g., instrument software version):	6.71.00001(9000 Series, S-series, 90000 Series, 90000 X-Series, 90000 V-Series, 90000 Q-Series, 90000 Z-Series) 11.30.00406 (UXR Series)
File Name:	SetupInf40GBASE03200000.exe
Licenses:	Please see the product data sheet on Keysight.com.

### Modification / Changes

- Updated the methodology of jitter related tests according to the latest specification.

### Issues Fixed

- Fixed error message prompt that appeared during auto-screenshot phase of the test run while running “Differential Peak to Peak Output Voltage Test with TX disable”.
- Fixed the Output Waveform Test abort issue while using newer Infiniium version.

## Keysight D9010BJAC Software Version 3.10.4.0

Release Date:	July 05, 2019
Requirements Category (e.g., operating system):	Microsoft Windows 10 and Windows 7
Requirements Category (e.g., instrument software version):	06.55.00504 (9000 Series, S-series, 90000 Series, 90000 X-Series, 90000 V-Series, 90000 Q-Series, 90000 Z-Series) 10.10.04514 (UXR Series)
File Name:	SetupInf40GBASE03100004.exe
Licenses:	Please check the product data sheet on Keysight.com.

### Modifications / Changes

- Updated to new Keysight GUI.
- Update to new product number D9010BJAC

## Keysight D9010BJAC Software Version 2.01.0000

Release Date:	May 10, 2015
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	6.00
File Name:	SetupInf100GBASEKR402000002.exe
Licenses:	Please check the product data sheet on Keysight.com.

### Modifications / Changes

- Updated Matlab to current mcr.

## Keysight D9010BJAC Software Version 2.00.0001

Release Date:	February 20, 2015
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	5.20
File Name:	SetupInf100GBASEKR402000001.exe
Licenses:	Please check the product data sheet on Keysight.com.

### Modifications / Changes

- Fixed SteadyState voltage and linear fit measurements.
- Updated step size tests to optional loop as many steps needed for given coef
- Added Max RMS Normalized error
- Made Single Lane default

## Agilent N8828A Software Version 01.00

Release Date:	July 07, 2014
Requirements Category (e.g., operating system):	Microsoft Windows 7
Requirements Category (e.g., instrument software version):	5.10
File Name:	SetupInf100GBASEKR401000000.exe
Licenses:	Please check the product data sheet on Keysight.com.

Initial Release

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