

# Keysight InfiniiVision 1000A X-Series Oscilloscopes

## Oscilloscope Firmware Version 1.20

Release Date:	9 July 2019
Instrument software version:	Revision 1.20
File Names:	1000XSeries.01.20.2019061038.ksx

### Enhancements

- Frequency Response Analysis (FRA):
  - o The sweep frequency range is no longer limited to decade values – it can now be set to any frequency within the WaveGen’s limits.
  - o The “points per decade” setting has been changed to “total points” for ease of use.
  - o Chart:
    - Minor gridlines for the horizontal axis are now shown to improve readability of the plot.
    - The chart’s horizontal display range is now independent of the Start/Stop Frequency setting in the Setup Menu.

### Bug Fixes

- A SPI decode issue where an incorrect number of clocks might be shown after a reboot has been corrected.
- An issue where the Tracking Marker’s Y2 source label was showing Y1’s source has been corrected.

- An issue where new channel labels might not be redrawn immediately has been corrected.

## Oscilloscope Firmware Version 1.10

<b>Release Date:</b>	<b>5 March 2018</b>
<b>Instrument software version:</b>	<b>Revision 1.10</b>
<b>File Names:</b>	<b>1000XSeries.01.10.2018012838.ksx</b>

### Enhancements

- The following Frequency Response Analysis enhancements were added:
  - o The minimum sweep frequency has been lowered to 10Hz.
  - o The number of points per decade in a sweep is now selectable up to 50.
  - o The ability to selectively hide the Gain and Phase plot was added.

### Bug Fixes

- A Frequency Response Analysis issue with a random glitch on the Phase plot has been addressed.
- An issue inhibiting the inverted graticule mode when saving or printing screenshots has been corrected.
- An issue preventing a full waveform export in Roll-mode has been corrected.
- An issue with the Delta-Y marker readout incorrectly showing “%” instead of “V” has been corrected.
- Saving a CSV file of a Math function in Running Mode now no longer resets the oscilloscope.
- An issue with the inverted channel not working correctly after a reboot has been corrected.
- An issue with the INKSaver feature has been corrected.

## Oscilloscope Firmware Version 1.01.0000

Release Date:	28 September 2016
Instrument software version:	Revision 01.01
File Name:	1000XSeries.01.01.2016092801.ksx

Initial Release

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