

## E5080A Network Analyzer Firmware Software Revision History

Rev. 20180520

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**Note:**

The purpose of this document is to provide an overview of important changes that could affect a majority of customers. If you have any concerns about a specific issue, contact your local Keysight representative.

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**Revision A.12.60.03** ... Released May 2018

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - Support ECal N4690D, N4691D, N4692D, N4693D, N4694D, N4696D
  - Enhance Equation Editor Speed
- Bug fixed
  - Time Domain Gating values don't respect Electrical Delay or Port Ext with fixturing off

**Revision A.12.55.09** ... Released August 2017

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - Support Cal Pod
  - Support Auto Fixture Removal
  - Support Gain Compression Application
- Bug fixed
  - Power level is incorrect with Log sweep & Zero span at frequency band
  - Response thru + Isolation calibration does not work correctly

**Revision A.12.55.05** ... Released June 2017

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - Support ECal N7550A/51A/52A/53A/54A/55A and System Verification
  - Support new command for Ready for Trigger

**Revision A.12.55.02** ... Released April 2017

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - ECal new connector support

**Revision A.11.70.03** ... Released December 2016

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Bug fixed
  - Unable to orient ECal module (N4431B down to 9 kHz)
  - FW may hang up due to memory leak

**Revision A.11.70.01** ... Released May 2016

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - Trace data (Tr#) can be used in equation editor
- Bug fixed
  - Can't create "A,0" when guided power cal is on
  - "Trace Maximize" softkey doesn't update the trace annotation
  - Marker annotation disappears when using trace max with two traces in a window
  - PNA and ENA crash when attempting to recall balanced cti file
  - CW sweeps slow when display is on, freq sweeps are fast!

**Revision A.11.70.00** ... Released January 2016

MWA Revision B.02.01

ENA8753cXL Revision A.02.60.02

- Added new features
  - E5071C Code Emulation Mode
  - Support E5071C State File Converter application
  - Magnify/zoom
  - Tabbed sheet
  - Marker independent position per trace
  - Marker for active trace mode only
  - Window layout softkeys
  - Support localized help file (Simplified Chinese)
- Bug fixed
  - Improvement of the electrical delay step size when using the rotary knob
  - An error when repeatedly reading the status byte
  - [MWA] Measurement speed improvement
  - [8753 cXL] Modifications for use with the E5080A firmware rev.A.11.70.00
  - Frequencies appear in the marker search function, etc, even in the security mode.

- An error when executing Copy Channel for the SMC measurement.
- The firmware stops when adding the new trace after deleting the SMC channel.
- The Power Meter Config dialog is off screen when calling it from Smart Cal.
- The Show Table setting sometimes changes to Auto incorrectly.
- A marker error when Marker Coupling is off and Multi-marker tracking is on
- The firmware stops when using the External Device Configuration dialog in some case.

**Revision A.11.00.09** ... Released August 2015

MWA Revision B.02.01

ENA8753cXL Revision A.02.50.22

- Bug fixed
  - PNA backward compatibility issue
  - Power On Test/Diagnostic Test Limit Change

**Revision A.11.00.08** ... Released April 2015

MWA Revision B.02.01

ENA8753cXL Revision A.02.50.22

- Bug fixed
  - Port extension is not effective on balanced parameters
  - [MWA] Measurement speed improvement when many channels are used.
  - [MWA] ECal cannot be performed in some spec-sheet condition
  - [MWA] The Measurements using multiple spec sheets is not fully performed

**Firmware Revision A.11.00.04** ... Released January 2015

MWA Revision B.02.00

ENA8753cXL Revision A.02.50.22

- Bug fixed
  - The firmware stops when setting the ch2 power sweep and pressing [Preset] and [Power]

**Firmware Revision A.11.00.03** ... Released December 2014

MWA Revision B.02.00

ENA8753cXL Revision A.02.50.22

- Initial release