Agilent Technologies

E5052B Signal Source Analyzer Firmware Revision History

Rev. 20130409

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 Agilent representative.

Revision 3.32 … Released March 2013

1. Fixed minor bugs.

Revision 3.3x … Released May 2011

1. The windows icon for minimize, maximize and close are replaced with resize due to windows license change.
2. Supports the E5053A which serial number prefix is MY452, SG425 or above.

Revision 3.2x … Released April 2009

1. Segment Phase Noise Measurement.
2. Transient measurement:
    a. Two narrow channels (narrow-narrow mode)
    b. X-axis, target frequency or frequency range setting by using the mouse.
    c. Automatic phase reference offset setting
    d. Adjust phase reference at averaged value in specified span.
3. Spurious sensibility
4. Searching for spurious
5. Scaling by using the mouse
6. Trigger couple
7. Carrier information data can be stored

Revision 3.10 … Released March 2008

Added new capabilities:

1. Supports “Context Sensitive Help”
2. Supports “Equation Editor function.
3. The E5052B is LXI-C compliant from Rev A.03.10 onwards.
4. When displaying two or three windows in the E5052B firmware, it is possible to specify screen layout using Layout Window option.
5. Frequency band, Input Attenuator and IF Gain can be setup to optimum value according to input signal through automatic setting for PM noise measurement and AM noise measurement.
6. Supports recalling previously saved information (in trace data file) for memory or data traces Recall Memory/Data Trace.
7. Supports omitting specified spurious.
8. Marker to Spurious.
9. Supports “*TST command”. This command gets Self-Test Query.

10. Supports improved U/I in SSA-J.
11. Supports new commands for report control of SSA-J.
12. Supports Volt/Hz Format in baseband noise measurement.
13. Supports improved video trigger resolution (frequency resolution) in transient mode.

Revision 3.04 … Released September 2007

1. Displays a list of the measurement result on PJ Decomposition mode of the SSA-J correctly.
2. Supports an offset setting on a time axis in transient measurement mode (NB).
3. Supports an improved sequence to select LO frequency for the mmWave measurement with external mixers.

Revision 3.03 … Released June 2007

1. Modified Help File and added fixed known problems.

Revision 3.02 … Released May 2007

1. Initial release.