

# R&S® ARB Toolbox Plus

## Software

### Release Notes

### Version 1.5.0

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The following abbreviations are used throughout this document:

R&S®Power Viewer Plus is abbreviated as R&S Power Viewer Plus.



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Test and Measurement

Release Notes

# Table of Contents

<b>1</b>	<b>Information on the Current Version and History</b> .....	<b>3</b>
1.1	Version 1.5.0 .....	3
1.2	Version 1.4.0 .....	4
1.3	Version 1.2.0 .....	5
<b>2</b>	<b>Open Source Acknowledgement</b> .....	<b>6</b>
2.1	GNU LESSER GENERAL PUBLIC LICENSE.....	6
<b>3</b>	<b>Customer Support</b> .....	<b>12</b>

# 1 Information on the Current Version and History

## 1.1 Version 1.5.0

**Released: May 2012**

**Functional improvements:**

- Signal creation supports multi carrier CW with odd and even carrier counts

**Issues eliminated:**

- RMS calculation fixed in signal creation, wrap around analysis, composer and filter

## 1.2 Version 1.4.0

**Released: April 2012**

**Functional improvements:**

- Waveform creation by mathematical expressions added
- Level and frequency can be modified by mathematical expression in composer
- Improved all waveform viewing panels and added more view modes
- Added new wizard for waveform conversion from AMIQ/SMIQ to SMU
- Support for R&S® FSW added
- Waveform creation from binary data now also reads optional marker file
- MATLAB import wizard now supports uncompressed data elements

**Issues eliminated:**

- Waveform creation wizard used wrong time resolution for pulses and chirps
- Fixed false Y scaling in viewer when set to frequency versus time
- Bugfixes in MATLAB data import
- Stability improvements

## 1.3 Version 1.2.0

**Released: July 2011**

**Functional improvements:**

- Fading setting in composer now supports entry as samples and time.
- Function generator does now support sweeps.
- Added support for .iq.tar file format (waveforms saved by some R&S spectrum analyzers)
- Improved all spectrum displays.
- Updated GUI framework to QT 4.7.4.
- Added support for MATLAB .mat data import of data types Nx2 or 2xN double.
- Added browser support for R&S RTO.

**Issues eliminated:**

- I/Q constellation display did sometimes not properly initialize and display the measurement.
- Graphical views could not be maximized/minimized.
- Changing the target clock rate in the composer output (target) has changed samples and duration.
- Sparse name tags were not supported when importing MATLAB .mat files.
- Fixed erroneous data import from 14-bit I/Q binary files.

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Version 2.1, February 1999

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