

# R&S®GNSS Test Automation Release Notes

**Software Version 1.4.4**

© 2024 Rohde & Schwarz GmbH & Co. KG  
Muehldorfstr. 15, 81671 Munich, Germany  
Phone: +49 89 41 29 - 0  
E-mail: [info@rohde-schwarz.com](mailto:info@rohde-schwarz.com)  
Internet: <http://www.rohde-schwarz.com>

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1405.7455.00 | Version 04 | R&S®GNSS Test Automation

The software makes use of several valuable open source software packages. For information, see the "Open Source Acknowledgment" provided with the product.

The following abbreviations are used throughout this document: R&S® GNSS Test Automation is abbreviated as R&S GNSS Test Automation.

PAD-T-M: 3574.3285.02/05.00/CI/1/EN

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# 1 Information on the current version and history

## 1.1 New Functions

The following table lists the new functions and indicates the version in which the new function was introduced:

### New Function of Software V1.4.4:

Version	Function
V1.4.4	Testsuite supports SMBV100B-K363 Car Navigation Test Suite
V1.4.4	Testsuite supports SMW200A-K363 Car Navigation Test Suite

### New Function of Software V1.4.3:

Version	Function
V1.4.3	Patching trajectory files with configured position

### New Function of Software V1.4.0:

Version	Function
V1.4.0	Testsuite supports SMBV100B-K362 Generic GNSS
V1.4.0	Testsuite supports SMW200A-K362 Generic GNSS
V1.4.0	GNSS Monitoring - Realtime GNSS performance data display

### New Function of Software V1.3.3:

Version	Function
V1.3.3	Testsuite supports SMBV100B-K361 eCall
V1.3.3	Testsuite supports SMBV100B-K360 ERA Glonass

### New Function of Software V1.3.2:

Version	Function
V1.3.2	Testsuite supports SMW-K361 eCall
V1.3.2	Testsuite supports SMW-K360 ERA Glonass

## New Function of Software V1.2.5:

Version	Function
1.2.5	Testsuite supports SMBV-K361 eCall

## New Function of Software V1.0.0:

Version	Function
1.0.0	Testsuite supports SMBV-K360 ERA Glonass

## 1.2 Modified Functions

The following table lists the modified functions and indicates the version in which the modification was carried out:

### Modifications of Software V1.4.4:

Version	Function
V1.4.4	New default start time for all test suites in 2024

### Modifications of Software V1.4.3:

Version	Function
V1.4.3	New default start time for ERA Glonass
V1.4.3	Adapting ERA Glonass Testcase 5.8 to refined interpretation - Combination of scenarios - Using total average

### Modifications of Software V1.4.0:

Version	Function
V1.4.0	CMWrun >= 1.9.9: DUT Automation is integrated in CMWrun - Support of COM port and ADB shell
V1.4.0	New GNSS scenario in 2020 replacing scenario from 2017

### Modifications of Software V1.3.3:

Version	Function
V1.3.3	CMWrun >= 1.9.6: Serial Port Reporting of CMWrun is supported again

## Modifications of Software V1.3.2:

Version	Function
V1.3.2	Improved NMEA parser implementation
V1.3.2	Enhanced test case runner implementation

## 1.3 Improvements

The following tables list the improvements and indicate since which version the issue could be observed:

### Improvements of Software V1.4.4:

since	Function
V1.4.4	Improving eCall trajectory
V1.4.4	Better ephemeris file support

### Improvements of Software V1.4.3:

since	Function
V1.4.3	Improving ERA GLonass Testcase 5.5 RAIM
V1.4.3	Improved log file storing in sub-folder per test run
V1.4.3	Improved displaying of averaged test runs and explicitly showing failed scenarios
V1.4.3	Adding almanac collection time to ERA Glonass TC 5.8 and eCall TC
V1.4.3	Overall performance and stability improvements
V1.4.3	SMx signal log file copying
V1.4.3	Improvements for ERA Glonass TC 5.6

### Improvements of Software V1.4.0:

since	Function
V1.4.0	Performance improvements of NMEA parser
V1.4.0	Improved displaying of test case verdict and failing reason

### Improvements of Software V1.3.2:

since	Function
V1.0.0	Online reporting was augmented
V1.0.0	Continue test run on detected failure

V1.0.0	Test case run stability was improved
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## Improvements of Software V1.2.5:

since	Function
V1.0.0	Fixed test case abortion due to missing license error message from SMBV100. Removed dependency on SMBV-K65 and SMBV-K95

## 1.4 Known Issues

The following tables list the known issues and indicate since which version the issue could be observed:

### Known issues of Software V1.4.4:

since	Function
V1.4.4	SMx-K362 Testcase 2 and 3 are showing no test result if no thresholds were activated
V1.4.4	Sporadic visibility of satellites in blockage zone testcase with SMW200A-B9

### Known issues of Software V1.4.0:

since	Function
V1.4.0	GNSS Monitoring - Waypoint file format *.txt is not supported for displaying
V1.4.0	Correction data importing problems for multiple EGNOS satellites with SMBV100B version 4.70.128.48 and SMW version 4.70.128.50

### Known issues of Software V1.3.2:

since	Function
V1.3.2	Tolerate Position Fix Lost is not working for SMx-K360 ERA Glonass and SMx-K361 eCall. Lost position fix is ignored constantly.
V1.3.2	PZ90 coordinate system cannot be set as SMBV-A default for moving test cases in SMx-K360 ERA Glonass with *.xtd waypoint files

### Known issues of Software V1.0.0:

since	Function
V1.0.0	Test case abortion due to missing license error message from SMBV100 if SMBV-K65 and SMBV-K95 are missing

## 2 Modifications to the documentation

The current documentation is up-to-date.

## 3 Customer support

### Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

### Contact information

Contact our customer support center at [www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support) or follow this QR code:



Figure 3-1: QR code to the Rohde & Schwarz support page