

R&S®RF Ports Alignment Release Notes

Software Version 1.2

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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®RF Ports Alignment is abbreviated as R&SRF Ports Alignment.

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1 Information on the current version and history

1.1 Version 1.2

Released: March 2024

New functionality

Functions

Support of the R&S®ZN-Z33 inline calibration units.

Modified functionality

Functions

VNA display scaling can be manually fixed in the initFile.ini.

Appearance and behavior change of the calibration control tab.

Improvements

Improvements

Reduced pop-ups during calibration process.

Known issues

Known Issues

No issues.

1.2 Version 1.1

Released: February 2023

New functionality

Functions

Wizard to define a calibration frequency range, where a user required maximum signal bandwidth is used to set the frequency step size. Hence the calibration is valid for the maximum signal bandwidth at any point within the defined frequency range.

A button to check the validity of a setup configuration before starting the measurements. In case of an invalid configuration, the position of the invalid entries are highlighted in the web-ui.

An estimation of the execution duration is also performed and shown in pop-up window after finishing the validity check.

Wizard to create a *.ucor file for path loss compensation in case of using an external LO.

A Check box in the level parameters. If selected attenuator are forced in the signal path. This reduces reflections at costs of a restricted level range.

Modified functionality

Functions

The GRPC communication port can be edited by the user in the initFile.ini.

Improvements

Improvements

Time stamps are visualized in the execution log.

User is informed to use the VNA wizard for the calibration unit, if its number of ports is less than the number of ports to be calibrated.

Known issues

Known Issues

No issues.

1.3 Version 1.0

Initial Release: February 2021

2 Modifications to the documentation

The current documentation is up-to-date.

3 Installing the software

3.1 Uninstall a previous installation

To uninstall a previous version of the RF Ports Alignment software, click on the Windows Start button and navigate to Settings -> Control Panel -> Add or Remove Programs. Then select the previously installed version to uninstall it.

3.2 Install a new software version

The RF Ports Alignment software requires one of the following operating systems:

Windows 10 (64 Bit)

In Windows Explorer double-click the installer executable 'RFPAL-Installer 1.1.72.3.exe' and follow the instructions.

4 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 or follow this QR code:



Figure 4-1: QR code to the Rohde & Schwarz support page