

R&S® NRPCxx & NRPCxx-B1 Calibration and Verification Kits Release Notes

Firmware Version 02.50.23042601

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1424.6467.00 | 06.01 | R&S® NRPCxx |
1424.6496.00 | 06.01 | R&S® NRPCxx-B1 |

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®NRPCxx & NRPCxx-B1 is abbreviated as R&S NRPCxx & NRPCxx-B1.

PAD-TM: 3574.3288.02/04.00/CI/1/EN



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1 Information on the current version and history

1.1 Version 02.50.23042601

Released: June, 2023

New functionality

Functions

The following commands have been added for compatibility reasons to configure the unit of the related parameter:

SYSTem:MINPower:UNIT

TRIGger:LEVel:UNIT

Modified functionality

Functions

None

Improvements

Improvements

When S-parameter correction is active, the queries SYSTem:MINPower? and SYSTem:INFO? will return the correct value for the minimum power.

The query FETCh:ARRay[:POWer][:AVG]? returns the correct results if the sensor is in buffered-mode.

If SENSE:ROSCillator:SOURce is set to EXTERNAL or HOST and the reference clock is no longer supplied, the sensor will no longer crash.

Device states that are stored with *SAV and loadable with *RCL are usable without restriction after a FW update.

Known issues

Known Issues

None

1.2 Version 02.40.22081101

Released: September, 2022

New functionality

Functions

None

Modified functionality

Functions

None

Improvements

Improvements

Fixed inaccessibility of the sensor after short sequences of INIT:CONT ON and INIT:CONT OFF and small aperture times.

Fixed "-213,'INIT ignored'" SCPI error after INIT:IMM when auto averaging is active.

Known issues

Known Issues

None

1.3 Version 02.30.21062303

Released: July, 2021

New functionality

Functions

Added SCPI queries for input reflection coefficient:

SENSe:IGAMma:MAGNitude?,

SENSe:IGAMma:PHASe?,

SENSe:IGAMma:EUNCertainty?

Added new commands for trigger synchronization among multiple sensors: TRIGger:SENDER/RECEIVER

Modified functionality

Functions

None

Improvements

Improvements

Fixed dead lock in overload state which caused timeout

Known issues

Known Issues

None

1.4 Version 02.20.20100903

Released: October, 2020

New functionality

Functions

None

Modified functionality

Functions

Triggered measurements in ContAv mode with positive trigger delay values

Improvements

Improvements

None

Known issues

Known Issues

None

1.5 Version 02.10.20052701

Released: June, 2020

New functionality

Functions

None

Modified functionality

Functions

NRX compatible buffered mode

Improvements

Improvements

None

Known issues

Known Issues

None

1.6 Version 02.00.20021701

Released: February, 2020

New functionality

Functions

NRX base unit can control LAN capable sensors via network protocol

Modified functionality

Functions

Enhanced sensor sanitizing feature

Improvements

Improvements

Selecting external reference clock reference without clock applied does no longer stop sensor accessibility

Known issues

Known Issues

None

2 Modifications to the documentation

The current documentation is up-to-date.

3 Firmware update

3.1 Update information

Please refer to the document "R&S®NRPCxx / R&S®NRPCxx-B1 Power Sensor Calibration Kits Manual" (<https://www.rohde-schwarz.com/manual/nrpc>).

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:



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