

Rohde & Schwarz

Instrument Security Procedures

Overview of covered instruments



1178588902
Version 19

ROHDE & SCHWARZ
Make ideas real



This document provides an overview of instrument security procedure documents provided for "Test & measurement" products from Rohde & Schwarz. It covers the instruments of the following product groups:

- Spectrum & signal analyzer
- Network analyzer
- Signal generators
- Oscilloscopes
- Power meter
- Power supplies
- Meters and counters
- Wireless communication tester
- System components, e.g. I/Q data recorder, Open switch and control platform
- Software

© 2024 Rohde & Schwarz

Muehldorfstr. 15, 81671 Muenchen, Germany

Phone: +49 89 41 29 - 0

Email: info@rohde-schwarz.com

Internet: www.rohde-schwarz.com

Subject to change – data without tolerance limits is not binding.

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG.

All other trademarks are the properties of their respective owners.

1178.5889.02 | Version 19

Throughout this manual, the products from Rohde & Schwarz are indicated without the ® symbol, e.g. R&S®FSW is indicated as R&S FSW.

Contents

1	Overview.....	5
2	Certificate of volatility.....	6
3	Instrument-related security procedures documents.....	7

1 Overview

In many cases, it is imperative that Rohde & Schwarz instruments are used in a secured environment. Generally these highly secured environments do not allow any test equipment to leave the area unless it can be proven that no user information leaves with the test equipment. Security concerns can arise when devices need to leave a secured area, e.g., to be calibrated or serviced.

The Instrument Security Procedure documents for the Rohde & Schwarz instruments describe the types of memory and their usage in the Rohde & Schwarz instruments. They provide a statement regarding the volatility of all memory types and specify the steps required to declassify an instrument through memory sanitization procedures.



You can directly access the specific instrument security procedure document by selecting the product in the table, and following the hyperlink.

2 Certificate of volatility

Before you can remove an Rohde & Schwarz instrument from a secured area (for example to perform service or calibration), all classified user data needs to be removed. You can declassify the Rohde & Schwarz instrument as described in the section “Instrument Declassification” of the Instrument Security Procedure document for that specific Rohde & Schwarz instrument.



Rohde & Schwarz certifies that after performing the described instrument declassification procedure that no user data is left on the Rohde & Schwarz instrument.

3 Instrument-related security procedures documents

3.1 Signal and spectrum analyzer

Table 3-1: Signal and spectrum analyzer

Instrument security procedures	Model	Order number
R&S FS-SNS	R&S FS-SNS18	1338.8008.18
	R&S FS-SNS26	1338.8008.26
	R&S FS-SNS40	1338.8008.40
	R&S FS-SNS55	1338.8008.55
	R&S FS-SNS67	1338.8008.67
	R&S FS-SNS90	1338.8008.90
	R&S FS-SNS110	1338.8008.11
R&S FPC1000	R&S FPC1000	1328.6660.02
R&S FPL1000	R&S FPL1003	1304.0004K03
	R&S FPL1007	1304.0004K07
	R&S FPL1014	1304.0004K14
	R&S FPL1026	1304.0004K26
R&S FPS	R&S FPS4	1319.2008.04
	R&S FPS7	1319.2008.07
	R&S FPS13	1319.2008.13
	R&S FPS30	1319.2008.30
	R&S FPS40	1319.2008.40
R&S FSC	R&S FSC3	1314.3006.03
		1314.3006.13
	R&S FSC6	1314.3006.06
	1314.3006.16	
R&S FSG	R&S FSG8	1309.0002.08
	R&S FSG13	1309.0002.13
R&S FSP	R&S FSP3	1164.4391.03
	R&S FSP7	1164.4391.07
	R&S FSP13	1164.4391.13
	R&S FSP30	1164.4391.30
	R&S FSP40	1164.4391.40
R&S FSQ	R&S FSQ3	1313.9100.03
	R&S FSQ8	1313.9100.08
	R&S FSQ26	1313.9100.26
	R&S FSQ40	1313.9100.40

Instrument security procedures	Model	Order number
R&S FSU	R&S FSU3	1313.9000.03
	R&S FSU8	1313.9000.08
	R&S FSU26	1313.9000.26
	R&S FSU43	1313.9000.43
	R&S FSU46	1313.9000.46
	R&S FSU50	1313.9000.50
		1313.9000.49
	R&S FSU67	1313.9000.67
		1313.9000.66
R&S FSV	R&S FSV4	1321.3008.04
	R&S FSV7	1307.9002.07
		1321.3008.07
	R&S FSV13	1307.9002.13
		1321.3008.13
	R&S FSV30	1307.9002.30
		1321.3008.30
	R&S FSV40	1307.9002.39
		1307.9002.40
	R&S FSV40-N	1321.3008.40
	1307.9002.37	
	1307.9002.38	
R&S FSV3000	R&S FSV3004	1330.5000.04
	R&S FSV3007	1330.5000.07
	R&S FSV3013	1330.5000.13
	R&S FSV3030	1330.5000.30
	R&S FSV3044	1330.5000.43
	R&S FSV3050	1330.5000.50
R&S FSVA	R&S FSVA4	1321.3008.05
	R&S FSVA7	1321.3008.08
	R&S FSVA13	1321.3008.14
	R&S FSVA30	1321.3008.31
	R&S FSVA40	1321.3008.41
R&S FSVA3000	R&S FSVA3004	1330.5000.05
	R&S FSVA3007	1330.5000.08
	R&S FSVA3013	1330.5000.14
	R&S FSVA3030	1330.5000.31
	R&S FSVA3044	1330.5000.44
	R&S FSVA3050	1330.5000.51

Instrument security procedures	Model	Order number
R&S FSVR	R&S FSVR7	1311.0006.07
	R&S FSVR13	1311.0006.13
	R&S FSVR30	1311.0006.30
	R&S FSVR40	1311.0006.40
R&S FSW	R&S FSW8	1312.8000.08
	R&S FSW13	1312.8000.13
	R&S FSW26	1312.8000.26
	R&S FSW43	1312.8000.43
	R&S FSW50	1312.8000.50
	R&S FSW67	1312.8000.67
	R&S FSW85	1312.8000.85
	R&S FSW8	1331.5003.08
	R&S FSW13	1331.5003.13
	R&S FSW26	1331.5003.26
	R&S FSW43	1331.5003.43
	R&S FSW50	1331.5003.50
	R&S FSW67	1331.5003.67
	R&S FSW85	1331.5003.85

Table 3-2: Handheld analyzer

Instrument security procedures	Model	Order number
R&S FPH	R&S FPH	1321.1111.02
		1321.1111.06
		1321.1111.13
		1321.1111.26
		1321.1111.52
		1321.1111.56
		1321.1111.63
	1321.1111.76	
R&S FSH	R&S FSH4 - Model 04	1309.6000.04
	R&S FSH4 - Model 14	1309.6000.14
	R&S FSH4 - Model 24	1309.6000.24
	R&S FSH8 - Model 08	1309.6000.08
	R&S FSH8 - Model 18	1309.6000.18
	R&S FSH8 - Model 28	1309.6000.28
	R&S FSH13 - Model 13	1314.2000.13
	R&S FSH13 - Model 23	1314.2000.23
	R&S FSH20 - Model 20	1314.2000.20
R&S FSH20 - Model 30	1314.2000.30	

Instrument security procedures	Model	Order number
R&S FSH3	R&S FSH3 - Model 03	1145.5850.03
	R&S FSH3 - Model 13	1145.5850.13
	R&S FSH3 - Model 23	1145.5850.23
	R&S FSH6 - Model 06	1145.5850.06
	R&S FSH6 - Model 26	1145.5850.26
	R&S FSH18 - Model 18	1145.5850.18
R&S ZPH	R&S ZPH	1321.1211.02
		1321.1211.12
		1321.1211.52
R&S ZVH	R&S ZVH4	1309.6800.24
	R&S ZVH8	1309.6800.28

Table 3-3: Phase noise analyzer

Instrument security procedures	Model	Order number
R&S FSPN	R&S FSPN8	1322.8003.06
		1322.8003.07
	R&S FSPN26	1322.8003.24
		1322.8003.25
R&S FSUP	R&S FSUP8	1166.3505.09
	R&S FSUP26	1166.3505.27
	R&S FSUP50	1166.3505.51
R&S FSWP	R&S FSWP8	1322.8003.08
		1322.8003.09
	R&S FSWP26	1322.8003.26
		1322.8003.27
	R&S FSWP50	1322.8003.50
		1322.8003.51

Table 3-4: Measuring receiver

Instrument security procedures	Model	Order number
R&S FSMR	R&S FSMR3	1313.9200.03
	R&S FSMR26	1313.9200.26
	R&S FSMR43	1313.9200.43
	R&S FSMR50	1313.9200.50
R&S FSMR3000	R&S FSMR3008	1345.4004.08
	R&S FSMR3026	1345.4004.26
	R&S FSMR3050	1345.4004.50

3.2 EMI Test Receiver

Table 3-5: EMI test receiver

Instrument security procedures	Model	Order number
R&S EPL1000	R&S EPL1000	1350.4444.10
R&S ESR	R&S ESR3 R&S ESR7 R&S ESR26	1316.3003.03 1316.3003.07 1316.3003.26
R&S ESRP	R&S ESRP3 R&S ESRP7	1316.4500.03 1316.4500.07
R&S ESU	R&S ESU8 R&S ESU26 R&S ESU40	1302.6005.08 1302.6005.26 1302.6005.40
R&S ESW	R&S ESW8 R&S ESW26 R&S ESW44	1328.4100.08 1328.4100.09 1328.4100.26 1328.4100.27 1328.4100.44 1328.4100.45

3.3 Network analyzer and accessories

Table 3-6: Network analyzer

Instrument security procedures	Model	Order number
R&S ZNA	R&S ZNA26 - 2 port R&S ZNA26 - 4 port R&S ZNA43 - 2 port R&S ZNA43 - 4 port R&S ZNA43 - 2 port R&S ZNA43 - 4 port	1332.4500.22 1332.4500.24 1332.4500.42 1332.4500.44 1332.4500.43 1332.4500.45
R&S ZNB	R&S ZNB4 - 2 port R&S ZNB4 - 4 port R&S ZNB8 - 2 port R&S ZNB8 - 4 port R&S ZNB20 - 2 port R&S ZNB20 - 4 port R&S ZNB40 - 2 port R&S ZNB40 - 2 port R&S ZNB40 - 4 port	1311.6010.22 1311.6010.24 1311.6010.42 1311.6010.44 1311.6010.62 1311.6010.64 1311.6010.72 1311.6010.82 1311.6010.84

Instrument security procedures	Model	Order number
R&S ZNBT	R&S ZNBT8 - up to 24 ports	1318.7006.24
	R&S ZNBT20 - up to 24 ports	1332.9002.24
	R&S ZNBT26 - up to 24 ports	1332.9002.34
	R&S ZNBT40 - up to 24 ports	1332.9002.44
R&S ZNC	R&S ZNC3	1311.6004.12
R&S ZND	R&S ZND	1328.5170.92
R&S ZNH	R&S ZNH4	1321.1611.04
		1321.1611.54
	R&S ZNH8	1321.1611.08
		1321.1611.58
	R&S ZNH18	1321.1611.18
	1321.1611.68	
	R&S ZNH26	1321.1611.26
		1321.1611.76
R&S ZNL	R&S ZNL3 - 2 port	1323.0012.03
	R&S ZNL4 - 2 port	1323.0012.04
	R&S ZNL6 - 2 port	1323.0012.06
R&S ZNLE	R&S ZNLE3 - 2 port	1323.0012.53
	R&S ZNLE4 - 2 port	1323.0012.54
	R&S ZNLE6 - 2 port	1323.0012.56
R&S ZVA	R&S ZVA8 - 2 port	1145.1110.08
	R&S ZVA8 - 4 port	1145.1110.10
	R&S ZVA24 - 2 port	1145.1110.24
	R&S ZVA24 - 4 port	1145.1110.26
	R&S ZVA24 - 4 port	1145.1110.28
	R&S ZVA40 - 2 port	1145.1110.40
		1145.1110.43
	R&S ZVA40 - 4 port	1145.1110.42
		1145.1110.45
	R&S ZVA40 - 4 port	1145.1110.48
	R&S ZVA50 - 2 port	1145.1110.50
	R&S ZVA50 - 4 port	1145.1110.52
	R&S ZVA67 - 2 port	1305.7002.02
R&S ZVA67 - 4 port	1305.7002.04	
R&S ZVA110 - 2 port	1312.7004.03	

Instrument security procedures	Model	Order number
R&S ZVAX-TRM	R&S ZVAX-TRM24	1322.6500.24
	R&S ZVAX-TRM40	1322.6500.40
	R&S ZVAX-TRM50	1322.6500.50
	R&S ZVAX-TRM67	1322.6500.67
R&S ZVB	R&S ZVB4 - 2 port	1145.1010.04
	R&S ZVB4 - 4 port	1145.1010.06
	R&S ZVB8 - 2 port	1145.1010.08
	R&S ZVB8 - 4 port	1145.1010.10
	R&S ZVB14 - 2 port	1145.1010.14
		1145.1010.17
	R&S ZVB20 - 2 port	1145.1010.20
	R&S ZVB20 - 4 port	1145.1010.25

Table 3-7: Calibration units

Instrument security procedures	Model	Order number
R&S ZN-154	R&S ZN-Z154 - 6 port	1319.5120.02
R&S ZN-Z5x	R&S ZN-Z50 - 2 port	1335.6904.30
	R&S ZN-Z51 - 4 port	1335.6904.32
	R&S ZN-Z51 - 2 port	1319.5507.34
	R&S ZN-Z51 - 4 port	1319.5507.32
	R&S ZN-Z51 - 2 port	1319.5507.74
		1319.5507.72
R&S ZN-Z15x	R&S ZN-Z150 - 2 port	1335.6710.72
	R&S ZN-Z151 - 2 port	1317.9134.32
	R&S ZN-Z151 - 2 port	1317.9134.72
	R&S ZN-Z152 - 2 port	1319.6003.36
	R&S ZN-Z153 - 4 port	1319.6178.34
	R&S ZN-Z156 - 2 port	1332.7239.02
		1332.7239.03
R&S ZN-ZE1x	R&S ZN-ZE104 - 2 port	1350.8040K04
	R&S ZN-ZE109 - 2 port	1350.8040K09
	R&S ZN-ZE118 - 2 port	1350.8040K18
	R&S ZN-ZE126 - 2 port	1350.8040K26

Table 3-8: Step attenuator

Instrument security procedures	Model	Order number
R&S RSC	R&S RSC Model 02	1313.8004.02
	R&S RSC Model 03	1313.9000.03
	R&S RSC Model 04	1313.9000.04
	R&S RSC Model 05	1313.9000.05
	R&S RSC Model 13	1313.9000.13
	R&S RSC Model 14	1313.9000.14
	R&S RSC Model 15	1313.9000.15
	R&S RSC-Z405 (external Step Attenuator)	1313.9952.02
	R&S RSC-Z675 (external Step Attenuator)	1314.0065.02

3.4 Signal generators

Table 3-9: Radar echo generator

Instrument security procedures	Model	Order number
R&S AREG100A	R&S AREG100A	1430.3508.02

Table 3-10: Signal generator

Instrument security procedures	Model	Order number
R&S AFQ100B	R&S AFQ100B	1410.9000.02
R&S SGS100A	R&S SGS100A	1416.0505.02
R&S SGT100A	R&S SGT100A	1419.4501.02
R&S SGU100A	R&S SGU100A	1416.0808.02
R&S SMA100A	R&S SMA100A	1400.0000.02
R&S SMA100B	R&S SMA100B	1419.8888.02
R&S SMB100A	R&S SMB100A	1406.6000.02
R&S SMBV100A	R&S SMBV100A	1407.6004.02
R&S SMB100B	R&S SMB100B	1422.1000.02
R&S SMBV100B	R&S SMBV100B	1423.1003.02
R&S SMBV-Z1	R&S SMBV-Z1	1418.8003.02
R&S SMC100A	R&S SMC100A	1411.4002.02
R&S SMCV100B	R&S SMCV100B	1432.7000.02
R&S SMF100A	R&S SMF100A	1167.0000.02

Instrument security procedures	Model	Order number
R&S SMM100A	R&S SMM100A	1440.8002.02
R&S SMW200A	R&S SMW200A	1412.0000.02

3.5 Oscilloscopes and probes

Table 3-11: Oscilloscopes

Instrument security procedures	Model	Order number
R&S MXO4	R&S MXO 4	1335.5050.04
R&S MXO5	R&S MXO 54	1802.1008.04
	R&S MXO 58	1802.1008.08
R&S MXO5C	R&S MXO 54C	1802.3000.04
	R&S MXO 58C	1802.2000.08
R&S RTA4000	R&S RTA4000	1335.7700.04
R&S RTB2002	R&S RTB2002	1333.1005.02
R&S RTB2004	R&S RTB2004	1333.1005.04
R&S RTE	R&S RTE1022	1326.2000.22
		1317.2500.22
	R&S RTE1024	1326.2000.24
		1317.2500.24
	R&S RTE1032	1326.2000.32
		1317.2500.32
	R&S RTE1034	1326.2000.34
		1317.2500.34
	R&S RTE1052	1326.2000.52
		1317.2500.52
	R&S RTE1054	1326.2000.54
		1317.2500.54
	R&S RTE1102	1326.2000.62
		1317.2500.62
R&S RTE1104	1326.2000.64	
	1317.2500.64	
R&S RTE1152	1326.2000.72	
R&S RTE1154	1326.2000.74	
R&S RTE1202	1326.2000.82	
R&S RTE1204	1326.2000.84	
R&S RTH Scope Rider	R&S RTH1002	1317.5000.02
	R&S RTH1004	1317.5000.04

Instrument security procedures	Model	Order number
R&S RTM2000	R&S RTM2022	5710.0999.22
	R&S RTM2024	5710.0999.24
	R&S RTM2032	5710.0999.32
	R&S RTM2034	5710.0999.34
	R&S RTM2052	5710.0999.52
	R&S RTM2054	5710.0999.54
	R&S RTM2102	5710.0999.02
	R&S RTM2104	5710.0999.04
R&S RTM3000	R&S RTM3002	1335.8794.02
	R&S RTM3004	1335.8794.04
R&S RTO1000	R&S RTO1002	1316.1000.02
	R&S RTO1004	1316.1000.04
	R&S RTO1012	1316.1000.12
	R&S RTO1014	1316.1000.14
	R&S RTO1022	1316.1000.22
	R&S RTO1024	1316.1000.24
	R&S RTO1044	1316.1000.44
R&S RTO2000	R&S RTO2002	1329.7002.02
	R&S RTO2004	1329.7002.04
	R&S RTO2012	1329.7002.12
	R&S RTO2014	1329.7002.14
	R&S RTO2022	1329.7002.22
	R&S RTO2024	1329.7002.24
	R&S RTO2032	1329.7002.32
	R&S RTO2034	1329.7002.34
	R&S RTO2044	1329.7002.44
	R&S RTO2064	1329.7002.64
R&S RTO6	R&S RTO64	1802.0001K04
R&S RTP	R&S RTP044	1320.5007.04
	R&S RTP064	1320.5007.06
	R&S RTP084	1320.5007.08

Table 3-12: Oscilloscope probes

Instrument security procedures	Model	Order number
R&S RT-ZCnn	R&S RT-ZC05B	1409.8204.02
	R&S RT-ZC10B	1409.8210.02
	R&S RT-ZC15B	1409.8227.02
	R&S RT-ZC20B	1409.8233.02
R&S RT-ZDnn	R&S RT-ZD10	1410.4715.02
	R&S RT-ZD20	1410.4409.02
	R&S RT-ZD30	1410.4609.02
	R&S RT-ZD40	1410.5205.02
R&S RT-ZHDnn	R&S RT-ZHD07	1800.2307.02
	R&S RT-ZHD15	1800.2107.02
	R&S RT-ZHD16	1800.2207.02
	R&S RT-ZHD60	1800.2007.02
R&S RT-ZMnn	R&S RT-ZM15	1800.4700.02
	R&S RT-ZM30	1419.3005.02
	R&S RT-ZM60	1419.3105.02
	R&S RT-ZM90	1419.3205.02
	R&S RT-ZM130	1800.4500.02
	R&S RT-ZM160	1800.4600.02
R&S RT-ZPRnn	R&S RT-ZPR20	1800.5006.02
	R&S RT-ZPR40	1800.5406.02
R&S RT-ZSnn	R&S RT-ZS10	1410.4080.02
	R&S RT-ZS10E	1418.7007.02
	R&S RT-ZS20	1410.3502.02
	R&S RT-ZS30	1410.4309.02
	R&S RT-ZS60	1418.7307.02

3.6 Power meter, sensors and calibration kits

Table 3-13: Power meters

Instrument security procedures	Model	Order number
R&S NRX	R&S NRX	1424.7005.02
R&S NRT2	R&S NRT2	1430.0509.02
R&S NRP2	R&S NRP2	1144.1374.02

Table 3-14: Power sensors

Instrument security procedures	Model	Order number
R&S NRPxxS(N)	R&S NRP8S	1419.0006K02
	R&S NRP8SN	1419.0012K02
	R&S NRP18S	1419.0029K02
	R&S NRP18SN	1419.0035K02
	R&S NRP18S-10	1424.6721K02
	R&S NRP18S-20	1424.6738K02
	R&S NRP18S-25	1424.6744K02
	R&S NRP33S	1419.0064K02
	R&S NRP33SN	1419.0070K02
	R&S NRP33SN-V	1419.0129K02
	R&S NRP40S	1419.0041K02
	R&S NRP40SN	1419.0058K02
	R&S NRP50S	1419.0087K02
	R&S NRP50SN	1419.0093K02
	R&S NRP67S	1419.6396K02
	R&S NRP67SN	1419.6409K02
	R&S NRP67SN-V	1419.6415K02
	R&S NRP90S	1424.6421K02
		1424.6421K03
	1424.6450K02	
R&S NRPxxA(N)	R&S NRP6A	1424.6796K02
	R&S NRP6AN	1424.6809K02
	R&S NRP18A	1424.6815K02
	R&S NRP18AN	1424.6821K02
R&S NRPxxT(N)	R&S NRP18T	1424.6115K02
	R&S NRP18TN	1424.6121K02
	R&S NRP33T	1424.6138K02
	R&S NRP33TN	1424.6144K02
	R&S NRP40T	1424.6150K02
	R&S NRP40TN	1424.6167K02
	R&S NRP50T	1424.6173K02
	R&S NRP50TN	1424.6180K02
	R&S NRP67T	1424.6196K02
	R&S NRP67TN	1424.6209K02
	R&S NRP90T	1424.6473K02
	R&S NRP90TN	1424.6480K02
	R&S NRP110T	1424.6215K02

Instrument security procedures	Model	Order number
R&S NRPxxTWG	R&S NRP75TWG	1700.2529K02
	R&S NRP75TWGN	1440.5010K02
	R&S NRP90TWG	1700.2312K02
	R&S NRP90TWGN	1440.5078K02
	R&S NRP110TWG	1173.8709K02
	R&S NRP110TWGN	1440.5132K02
R&S NRPxxP(N)	R&S NRP18P	1444.1190K02
	R&S NRP40P	1444.1290K02
	R&S NRP50P	1444.1390K02
R&S NRQ6	R&S NRQ6	1421.3509K02
R&S NRPM	R&S NRPM3	1425.8563.02
	R&S NRPM3N	1425.8592.02
R&S NRP-Z5	R&S NRP-Z5	1146.7740.02
R&S NRP-Z Series	R&S NRP-Z11	1138.3004.02
		1138.3004.04
	R&S NRP-Z21	1137.6000.02
	R&S NRP-Z22	1137.7506.02
	R&S NRP-Z23	1137.8002.02
	R&S NRP-Z24	1137.8502.02
	R&S NRP-Z27	1169.4102.02
	R&S NRP-Z28	1170.8008.02
	R&S NRP-Z31	1169.2400.02
		1169.2400.04
	R&S NRP-Z37	1169.3206.02
R&S NRP-Z41	1171.8801.02	

Instrument security procedures	Model	Order number
	R&S NRP-Z51	1138.0005.02
		1138.0005.03
		1138.0005.62
	R&S NRP-Z52	1138.0505.02
		1138.0505.18
		1138.0505.62
	R&S NRP-Z55	1138.2008.02
		1138.2008.03
		1138.2008.04
	R&S NRP-Z56	1171.8201.02
	R&S NRP-Z57	1171.8401.02
	R&S NRP-Z58	1173.7031.02
	R&S NRP-Z61	1171.7505.02
	R&S NRP-Z81	1137.9009.02
	R&S NRP-Z85	1411.7501.02
	R&S NRP-Z86	1417.0109.40
		1417.0109.44
	R&S NRP-Z91	1168.8004.02
		1168.8004.04
		1168.8004.08
	R&S NRP-Z92	1171.7005.02
		1171.7005.42
	R&S NRP-Z98	1170.8508.02
	R&S NRP-Z211	1417.0409.02
		1417.0409.04
	R&S NRP-Z221	1417.0309.02
	R&S NRP-Z311	1171.8601.02
	R&S FSH-Z1	1155.4505.02
	R&S FSH-Z18	1165.1909.02

Table 3-15: Power sensor calibration kits

Instrument security procedures	Model	Order number
R&S NRPCxx R&S NRPCxx-B1	R&S NRPC18	1418.0931K03
	R&S NRPC18-B1	1418.0954.03
	R&S NRCP33	1418.0677K03
	R&S NRPC33-B1	1418.0683.03
	R&S NRPC40	1159.6802K03
	R&S NRPC40-B1	1159.6819.03
	R&S NRPC50	1159.6883K03
	R&S NRPC50-B1	1159.6890.03
	R&S NRPC67	1418.1567K02
	R&S NRPC67-B1	1418.1550.02
R&S NRPC-LS	R&S NRPC-LS	1421.7004K02

3.7 Power supplies

Table 3-16: Power supplies

Instrument security procedures	Model	Order number
R&S HMP	R&S HMP2020	3629.6178.02
	R&S HMP2030	3629.6178.03
	R&S HMP4030	3629.6776.03
	R&S HMP4040	3629.6776.04
R&S NGA100	R&S NGA101	5601.8002.02
	R&S NGA102	5601.8002.03
	R&S NGA141	5601.8002.04
	R&S NGA142	5601.8002.05
R&S NGC100	R&S NGC101	3657.2288.02
	R&S NGC101-G	3657.2288.03
	R&S NGC102	3657.2359.02
	R&S NGC102-G	3657.2359.03
	R&S NGC103	3657.2413.02
	R&S NGC103-G	3657.2413.03
R&S NGE100B	R&S NGE102B	5601.3800.02
	R&S NGE103B	5601.3800.03
R&S NGL	R&S NGL201	3638.3376.02
	R&S NGL202	3638.3376.03
R&S NGM	R&S NGM201	3638.4472.02
	R&S NGM202	3638.4472.03

Instrument security procedures	Model	Order number
R&S NGP800	R&S NGP804	5601.4007.02
	R&S NGP824	5601.4007.03
	R&S NGP814	5601.4007.04
	R&S NGP802	5601.4007.05
	R&S NGP822	5601.4007.06
R&S NGU	R&S NGU201	3639.3763.02
	R&S NGU401	3636.3763.03
	R&S NGU411	3639.3763.04

3.8 Meters

Table 3-17: LCR meter

Instrument security procedures	Model	Order number
R&S LCX	R&S LCR100	3629.8856.02
	R&S LCR200	3629.8856.03

3.9 Open switch and control platform

Table 3-18: Open switch and control platform

Instrument security procedures	Model	Order number
R&S OSP-N	R&S OSP220	1528.3105K02
	R&S OSP230	1528.3105K03
	R&S OSP320	1528.3111K02

3.10 Communication tester

Table 3-19: Mobile radio tester

Instrument security procedures	Model	Order number
R&S CMA	R&S CMA180	1173.2000.18

3.11 I/Q data recorder

Table 3-20: I/Q data recorder

Instrument security procedures	Model	Order number
R&S IQR	R&S IQR20	1513.4600K02
	R&S IQR100	1513.4600K10
R&S IQW	R&S IQW	1525.7551K05
	R&S IQW100	1525.7551K02
	R&S IQW1000	1525.7551K10

3.12 Software

Table 3-21: Test software

Instrument security procedures	Model	Order number
R&S ELEKTRA	R&S EMCPC	5601.0018K02
	R&S EMCPC-FL	5601.0018K04
R&S PVS-PC PVS Dongle	R&S PVS-PC	1309.9368.02
R&S VSE	R&S FSPC	1310.0002K02
	R&S FSPC-FL	1310.0002K04