

FIRMWARE VERSION HISTORY of the R&S SFC / SFC-U

1.1 Version 02.00

- Released: June 2012

New Functionality

- SFC-U supported
- DVB-C2 (R&S SFE-K17): Multi-PLP/Single D-Slice is supported
- Digital IQ (R&S SFx-K80): Info interface is available
- Audio BC (R&S SFx-K170): FM RDS: 0x0D terminating character missing
- Audio BC (R&S SFx-K170): FM RDS: Editor accept extended keyboard entries
- Audio BC (SFC-K170): AM radio removed from SFC / SFC-U GUI
- DMB Streams France (R&S SFU-K229) supported
- DVB-S (R&S SFU-K2): Additional roll off factor 0.20 for DIRECTV application added
- DVB-S2 (R&S SFx-K8): Symbol rate extended to meet NORDIG standard
- DVB-T2 (R&S SFx-K16): Additional SCPI scripts available
- DVB-T2 (R&S SFx-K16): MISO/SFN supported
- ISDB-T (R&S SFx-K6): Default value of AC Data corrected (now ALL1)
- ISDB-Tmm waveforms (R&S SFU-K365) supported
- New software update process established
- Remote: Zeroconf and mDNS to ease the direct network connection is supported
- TsGen: TS libraries LIB-K70, K71, K72 and K73 supported
- RF: Frequency adjustment process improved
- Display of Device ID supported

Fixed Issues

- DVB-T2 (R&S SFE-K16): Maximum number of PLP is limited to 6
- DVB-T2 with T2MI=ON: Channel Bandwidth = 6, 7 MHz is not working correctly
- "TX RECALL: OPTION MISSING" is shown after installing new option and switching to new option
- Audio BC (R&S SFx-K170): Preemphasis calculation at frequency below 1kHz is missing

- Audio BC (R&S SFx-K170): RDS: Open Format: Some groups are not accepted by clicking APPLY
- EMC Test streams (R&S SFU-K228): Audio isn't seamless
- DVB-T2 (R&S SFE-K16): T2MI=ON: Channel Bandwidth = 6, 7 MHz is not working correctly
- Remote: Command error at READ:IQC:TDMB:PROT:PROF and LEV
- SETUP: ADJUSTMENT ALL does not work without SFC-K83 (extended frequency range)
- T-DMB/DAB (R&S SFU-K11): Wrong Null symbol in transmission mode 3

Known Issues

- SFC-U: Remote Desktop with Windows XP not yet supported
- SFC: TsGen doesn't start properly if TX standard is switched to DTMB. TsGen needs to be stopped and restarted.
- ATSC-MH (R&S SFC-K18): In some rare cases the following warning occurs even if the data rate is correct: DATARATE OUT OF RANGE, DATARATE TOO LOW, DATARATE TOO HIGH

1.2 Version 01.00

- Released: June 2011

New Functionality

- Initial Version

Known Issues

- DVB-T2 (R&S SFE-K16): Maximum number of PLP is limited to 6
- DVB-T2 with T2MI=ON: Channel Bandwidth = 6, 7 MHz is not working correctly