

R&S®EFL240/EFL340

Portable TV Test Receiver

Release Notes

Firmware Version 3.01



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The following abbreviations are used throughout this document:

R&S®EFL240/EFL340 is abbreviated as R&S EFL240/EFL340.

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1. Information on the Current Firmware Version and History

1.1 Version 3.01

Firmware Package Contents

Component	FW version
EFL Firmware	3.01
FPGA	3.3
MPEG	1.33
KEYBOARD	2.00

New Functionality

- **DVB-T2:** support of ECOS and MER/Carrier.
- **Analogue TV:** NTSC standard.

Fixed Issues

- Improvements in macromasure function.
- Improvement in High Visibility.
- Improvement MER measures in DVBT in the VHF Band.
- Graphs with saturation mark.
- Improvement lock in channels DVBS/S2.
- Improvement LNB Vcc with 24V.
- Improvement in ATV with SECAM L.

Known issues

1.2 Version 2.00

Firmware Package Contents

Component	FW version
EFL Firmware	2.00
FPGA	3.0
MPEG	1.32
KEYBOARD	2.00

New Functionality

- **DVB-T2:** support of Multi-PLP signals.
- **FM:** support of RDS information.
- **DVB-C:** support of DFE filter (ON/OFF).
- **Graphs:** Save constellation diagram in internal memory and possibility to export with EFL Suite.
- Update keyboard firmware.
- Position of “Searching channel” message changed.

Fixed Issues

- Improvements in automatic detection of HDMI connection (audio and video).
- Improvements in macromasure function.
- Improvements in automatic C/N measure with adjacent channels.
- Several changes in various languages.
- Improvements in the use of preamp.
- Improved connection with PC when the R&S® EFL340/240 is in constellation mode.
- Improvement in MER/Carrier function.
- Improvement in DVBT2 features.
- Units of Echoes function are displayed in international system format.
- Improvements in Teletext function for analog channels.
- Improvements in DiSEqC memories.
- Improvements in hold mode function.

Known issues

1.3 Version 1.70

Component	FW version
EFL Firmware	1.70
FPGA	1.30
MPEG	1.21
KEYBOARD	1.4

New Functionality

Fixed Issues

Known Issues

2. Information on the Current R&S®EFLSuite Version and History

2.1 Version 2.02

New Functionality

- R&S®EFLSuite 2.02 support ECOS DVBT2 graphs and MER/Carrier DVBT2 graphs.
- Upgrade old versions of USB Driver.

Fixed Issues

- Improvements in Channels Plan Update.
- Improvements in ECOS DVBT graphs.
- Graphs with saturation mark.

Known Issues

2.2 Version 2.00

New Functionality

- R&S®EFLSuite 2.00 is able to download and print constellation graphs.
- Improvements in the help files.

Fixed Issues

- Corrections in the button names.

Known Issues

3. Firmware Update

The current firmware version is provided for download at the website.
Follow these steps to update R&S® EFL240/340:

- Decompress the file and install the application.
- Plug external supply and switch ON the R&S® EFL240/340.
- Connect the EFL and the PC by using the USB cable.
- Execute the application.
- Follow the instructions given by the software.

Important: Never switch off the instrument while the firmware update is in progress!

