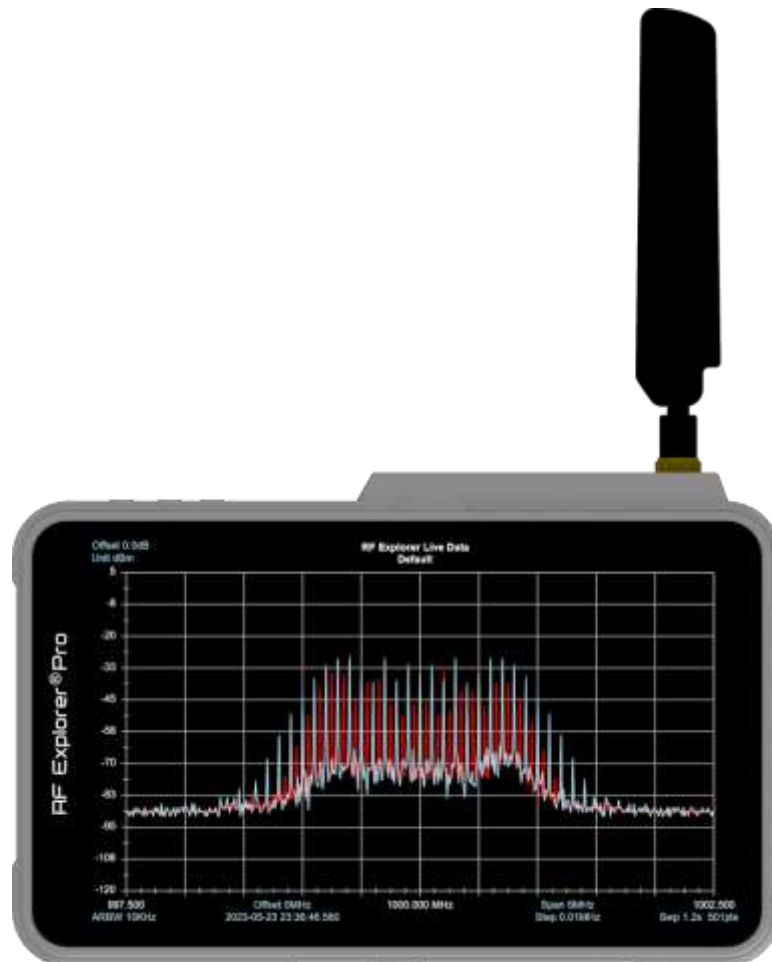


RF Explorer® Pro

RF Explorer Pro is an advanced, 3rd generation, high-performance multi-purpose RF instrument



Cumulative Release Notes

Firmware Version 1.11

This Release Notes document complements the [RF Explorer Pro User Manual](#)



Please consider the environment before printing this document.

Firmware Upgrade Instructions

Here are the simple steps to upgrade documented in this link: [RF Explorer Pro Update Page](#)

Should you encounter any issues or need further assistance, please don't hesitate to open a [support ticket](#).

Version 1.11

Release date: CEST February 15, 2024

New Features:

- Frequency Coordination mode has the following improvements:
 - Radio Standard now displayed in FC mode, a useful feature to show the device channel width in special cases.
 - The full device range (currently up to 6.1GHz) can be used to define custom devices, required for high band audio and video devices in some cases.
- A Factory Default setting is now available in the Config -> Advanced menu to reset the device configuration to factory settings.
- Improved configuration settings consistency checks. Previously, some units with low battery could suddenly power off and partially save the configuration settings. This has been improved to automatically restore from the last internal backup.
- Autodelete old files will now only delete files from the internal device folder; it will no longer delete files from the USB drive.
- Cable Tester mode now provides additional tolerance for small cables, accounting for potential loss in connectors.

Fixes:

- Fixed incorrect preset frequency configuration calculations when RBW changed. Prior to this change, a restored preset might not always display the expected frequency configuration.

Version 1.10

Release date: CEST January 05, 2024

New Features:

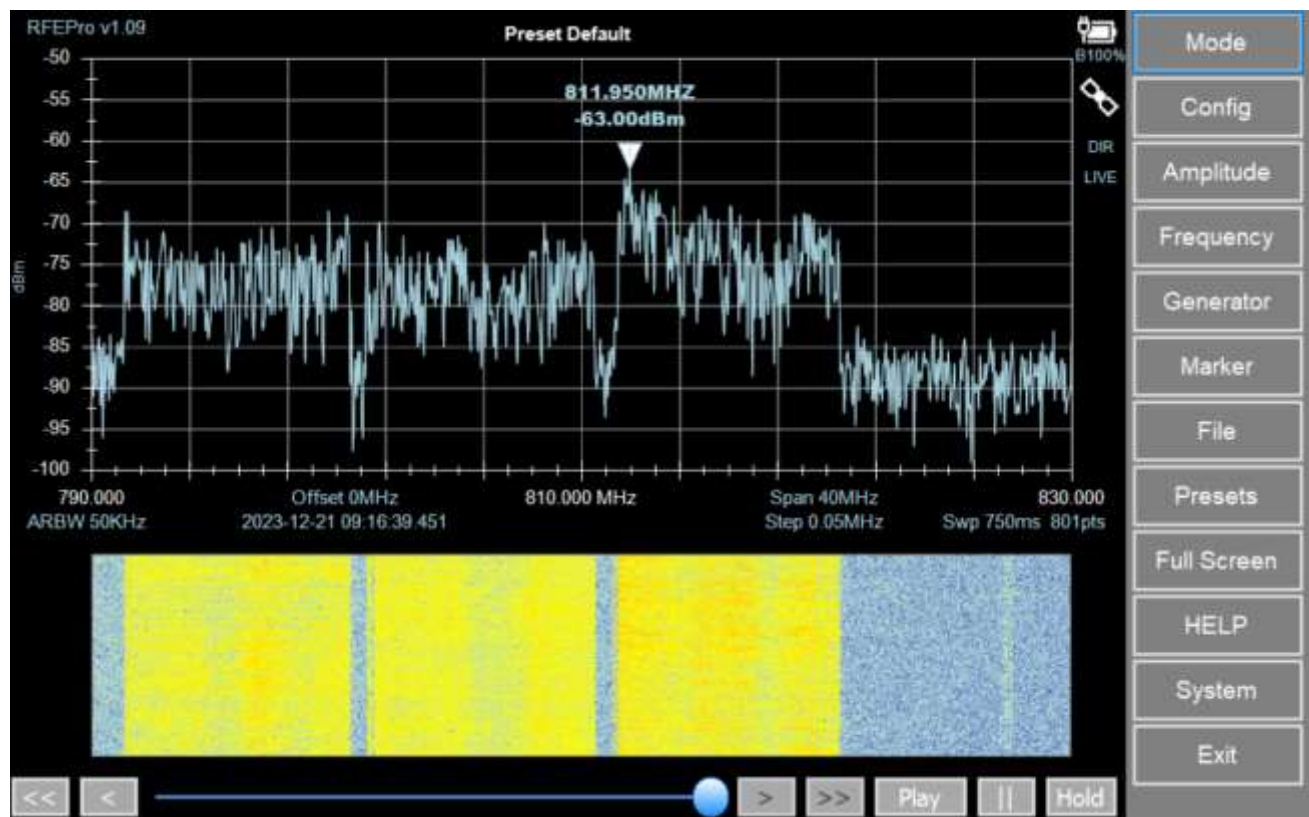
- The Frequency Coordination mode now includes an information button [i] that shows the current coordination summary in the "Analyze" menu.

Fixes:

- Manual RBW (Resolution Bandwidth) mode can now function in any configuration. In the previous version, selecting a manual RBW could introduce an incorrect frequency setting when the device was powered off, leading to an incorrect status upon being powered back on.

Version 1.09

Release date: CEST December 20, 2023



New Features:

- A new waterfall spectrometer has been added to the main screen. It can be enabled/disabled, and various options can be selected to change its size, appearance, and detection mode.
- A new simplified, yet powerful Cable Tester mode has been introduced. This mode performs a quick tracking over a cable with a predefined known loss and rapidly reports the cable status without the need for a normalization step or manual consultation of the cable datasheet.
- The new Cable Tester mode requires a license to operate. However, this mode is included in the Frequency Coordination license, so all users with this license can already use the Cable Tester mode free of charge.

Version 1.08

Release date: CEST October 20, 2023

New Features:

- Licenses that have been installed are now displayed in the Config -> About screen.
- A confirmation message will appear on the screen after a license file is installed.
- CSV files now use a comma as the default delimiter. This change addresses issues in previous versions where a different default configuration could cause problems when files were exported to other applications.
- QR codes for help now directly link to the relevant manual section.
- A [System] button has been added to the main screen menu, allowing users to access the Windows File Explorer and interact with the OS. This feature is also accessible via the on-screen touch button on the right side.
- Some users reported issues due to sensitive touch buttons. This version offers an option to disable it, although it's not recommended by default. Please check with our Support Team before disabling your touch button with this option.

Fixes:

- The Frequency Coordination mode now accurately loads and updates frequencies for each restored project. Previous versions might not have restored the frequency range correctly.
- Fixed a problem where Tracking SNA may accept steps > 95MHz. The interface now correctly restrict invalid steps.
- WiFi mode screen now correctly update Top / Bottom amplitude settings, a previous version may ignore this setting.

Version 1.07

Release date: CEST October 01, 2023

New Features and enhancements:

- WiFi Analyzer mode for bands 2.4GHz and 5.8GHz released
- In Frequency Coordination mode, users now can add multiple devices to the project inventory configuration screen by first selecting the number of devices they wish to add.

Version 1.06

Release date: CEST September 01, 2023

New Features:

- Frequency Coordination mode released

Version 1.05

Release date: CEST August 11, 2022

New Features:

- Request user confirmation for Shutdown device on [Exit]

Fixes:

- Tracking SNA
- Waterfall real time representation

Version 1.04

Release date: CEST July 07, 2023

First version for RF Explorer Pro public release, general acceptance tests completed.

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For more information on RF Explorer, please visit www.rf-explorer.com

Some of the new features documented may not be available in the user manual until a final release is published.

Certain notes may refer to *beta versions*. While these have undergone extensive testing, they may not have passed the complete formal review and regression tests characteristic of a final version. If you are not comfortable with the potential for occasional bugs or data loss, you should refrain from installing a beta firmware.

Final release versions undergo a comprehensive set of test cases and a formal review process to minimize any potential issues.

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- b) the results stemming from any projects using the program, modifications, combined works, or aggregate works.

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