Firmware Release Note

Equipment: RWC2100F, Analog Radio Tester

Revision History

Version	Date	Description
Version 1.061	23 Oct.2025	1. Added DI (Decoder Identification) variable to FM RDS mode. It indicates different operating modes to switch individual decoders on or off and to indicate if PTY codes in the transmission are dynamically switched. 2. Enhanced the system so that RDS now supports up to four simultaneous Tag information entries, an increase from the previous limit of two. 3. Added variables that allow the user to set the item toggle bit and item running bit when transmitting RDS Tag information..
Version 1.054	07 July.2025	1. The UDP Event Port number has been changed to 52100. 2. Fixed an issue where the ALC value could fail to be set when configuring the Power level during a Recall operation.
Version 1.052	20 Mar.2023	1. Setting PS_NAME using a remote command (CONF:FM_TX:PS_NAME) may set the length of the string incorrectly. It is fixed. 2. Power settings using the Service Linking App may not work properly if the power unit was set to dBuV in the previous settings. It is fixed.
Version 1.051	21 Feb.2023	1. Added dBu measurements to Audio Analyzer.
Version 1.050	12 Jan.2023	1. Added RMS and Pk-Pk measurements to Audio Analyzer. 2. Added weighted filters (OFF, A_WEIGHT, C_WEIGHT, CCIR) to Audio Analyzer.
Version 1.041	12 Dec.2022	1. Added External Audio input gain parameter. 2. Fixed noise power calculation bug for SNR measurements.
Version 1.040	02 Dec.2022	1. Added External Audio input function for FM&AM TX. 2. File download speed has been improved. 3. Added function to play all files one by one. 4. Reduce screen save refresh rate to reduce processing power in screen save mode.

Version 1.022	29 June.2021	1. On FM RDS, the TA (ON) of the 14A group should be set to the same value as the TA of the target channel, but it is always set to 1. This bug is fixed. 2. Content resetting was unstable, which could cause music transfer to stop. This bug was improved. 3. Increased content download retransmission timeout for stable download. 4. Added “*RST” remote command for the default setting.
Version 1.021	30 May.2021	1. A multi-channel power setting remote command is added.
Version 1.020	10 Sep.2020	1. The FM TX Pilot deviation unit can be selected between kHz and %. 2. Added a function to boot with the setting saved by the user. 3. Improved display test results such as SINAD on the LCD screen while running the Tester's Audio Analyzer without interoperating with the PC program.