

Equipment : RWC2010M, Digital Radio Tester

## Revision History

Version	Date	Description
<b>Version 1.032</b>	28 April.2024	<ol style="list-style-type: none"><li>1. Add remote command to set SLS content on the DAB PAD channel.<ul style="list-style-type: none"><li>- CONF:DAB:COMPONENT:PAD_SLS_CONTENTS</li><li>- READ:DAB:COMPONENT:PAD_SLS_CONTENTS?</li></ul></li><li>2. Added function to select and execute the RECALL with remote control box.</li><li>3. FM Filter performance has been improved to remove spurious noise.</li><li>4. They are improved to match the phase when the left and right audio signal frequencies of FM Stereo are the same.</li></ol>
<b>Version 1.031</b>	23 Feb.2024	<ol style="list-style-type: none"><li>1. Improved to allow multiple remote commands. Each command is separated by a semicolon.</li></ol>
<b>Version 1.030</b>	30 Jan.2024	<ol style="list-style-type: none"><li>1. When transmitting content, the method changed from infinitely repeated reading from EMMC memory to transmitting by reading it only once and copying it to DDR memory.</li><li>2. Fixed a content structure memory overflow bug that could cause unstable behavior when transmitting RDS content.</li><li>3. The FPGA DLL Clock was improved because it was unlocked very occasionally.</li></ol>
<b>Version 1.020</b>	30 Dec.2023	<ol style="list-style-type: none"><li>1. The EON_PTY parameter is added to signal to the receiver the start of a programme item carrying a NEWS, WEATHER or ALARM announcement in FM RDS.</li><li>2. Add the remote commands to read audio analyzer waveform data.<ul style="list-style-type: none"><li>- READ:AUDIO:SCOPE_WAVE_L?</li><li>- READ:AUDIO:SCOPE_WAVE_R?</li><li>- READ:AUDIO:SPECTRUM_WAVE_L?</li><li>- READ:AUDIO:SPECTRUM_WAVE_R?</li></ul></li><li>3. In FM Wave mode, audio distortion occurred due to an audio buffer index error, so this was improved.</li></ol>

<b>Version 1.010</b>	10 Aug.2023	<ol style="list-style-type: none"> <li>1. Fixed an issue where the signal was disconnected during DRM+ transmission.</li> <li>2. Added quasi-peak detector function to Audio Analyzer.</li> <li>3. Added Path_loss Parameter.</li> <li>4. Added parameter for remote command delimiter option to select delimiter among LF, LR, LF+LR.</li> <li>5. Fix the bug in "CONF:SETUP:TESTER_MODE" remote command. It couldn't change between AM and FM modes.</li> <li>6. In DRM mode, the OFDM window function was incorrectly applied, creating a spurious signal in the spectrum. This bus is fixed.</li> <li>7. The EON_AF parameter is set to an incorrect value in FM RDS. It is fixed.</li> <li>8. There was a problem that the magnitude of the OFDM symbol changes during DRM+ transmission, so it was corrected.</li> </ol>
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