**Revision Record**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Hardware Version** | **Logic Version** | **Software Version** | **Revision Content** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2025/8/8 |  | IF: V1.00.0007  RF:V1.00.0001 | V1.04.0043 | 1. Added button, touch screen, and display self-test functions.  2. Added support for switching between logarithmic and linear frequency scales in spectrum analysis mode.  3. Added 3dB/6dB RBW switching in spectrum analysis mode.  4. Added support for EMI CISPR-related detection in spectrum analysis mode (requires EMI option).  5. Fixed several other bugs. |
| 2025/6/4 |  | IF: V1.00.0006  RF:V1.00.0001 | V1.04.0031 | 1. Modified the storage logic for factory trial and factory mode countdown. 2. Added the function of forced upgrade from USB drive. Use the factory upgrade package. (The USB drive should be in FAT32 format and contain a directory named "utsx\_upgrade\_forced" with the upgrade files. Press and hold the power button for more than 5 seconds during startup until the screen displays upgrade information, then wait for the device to restart automatically.) 3. Fixed other BUGs. |
| 2025/4/8 |  | IF: V1.00.0006  RF:V1.00.0001 | V1.04.0030 | 1. Modified the problem that TG can not self-calibrate. 2. Modified the problem of UTS1015 TG 0-100kHz trace jumping abnormally. 3. Modified the problem that the audio demodulation time setting is too long to play. 4. Increased the boot automatically repair the system disk. 5. Solved some other BUGs. |
| 2025/3/27 |  | IF: V1.00.0006  RF: V1.00.0001 | V1.04.0029 | 1. Added reflection measurement to spectrum analysis mode. 2. Resolved AM/FM demodulation audio playback issues. 3. Addressed issues introduced in the previous version. 4. Relocated Spectrum Sweep Demodulation controls from sweep menu to marker menu; Renamed to Marker Demodulation. 5. Demodulation carrier frequency setting updated from center frequency to current marker frequency. 6. Fixed program freeze caused by excessive power limit when switching Y-Axis types. 7. Resolved several other bugs. |
| 2024/10/16 |  |  | V1.04.0017 | 1. Revised the raw socket command packages issue. 2. Revised EMI meter display error. 3. Revised the digital filter calibration errors in the software manager. 4. Command switch error: An error occurs when switching to German and acquiring the data. |
| 2023/10/23 |  |  | V1.04.0013 | 1. Improved the calibration time. 2. Fixed some BUGs. |
| 2023/9/28 |  |  | V1.04.0011 | 1. Revised EMI and analog demodulation bugs. 2. Fixed some BUGs. |
| 2023/8/2 |  | IF:V1.00.0002  RF:V1.00.0001 | V1.04.0008 | 1. Added the acquire command for the spectrum peak list and EMI meter data. 2. Fixed some BUGs. |
| 2023/7/21 |  |  | V1.04.0007 | 1. Improved the error regarding system halt; there is no zero frequency during boot-up. 2. Fixed some BUGs. |
| 2023/7/18 |  |  | V1.04.0006 | 1. Compatible with the UTG1001E and revised the rewrite model error after updating with a different version. 2. Fixed some BUGs. |
| 2023/7/17 |  |  | V1.04.0005 | 1. Revised the display alignment issue. 2. Fixed some BUGs. |
| 2023/7/14 |  |  | V1.04.0004 | 1. Improved the automatic restore functionality. 2. Improved the timeout prompt during calibration. 3. Fixed some BUGs. |
| 2023/6/10 |  | IF:V1.00.0001  RF:V1.00.0001 | V1.03.0023 | 1. Improved the launch of the tracking generator. 2. Revised the waveform mismatch within the range from 2.5 G to 3.2 G. 3. Revised the technical indicator issue. 4. Improved the analog demodulation issue. 5. Revised the other problem in BUG table. |
| 2023/5/10 |  |  | V1.03.0014 | 1. Improved the scanning time. 2. Fixed some BUGs. |
| 2023/3/6 |  |  | V1.03.0013 | 1. Improved the randomness in noise average mode. 2. Added prompts for relevant interfaces. 3. Fixed some BUGs. |
| 2023/3/3 |  |  | V1.03.0010 | 1. Improved the accuracy for span. 2. Added automatic mode for the frequency meter. 3. Fixed some BUGs. |
| 2023/2/25 | IF:V1.02.0000  RF:V1.04.0000 | IF:V1.00.0000  RF:V1.00.0000 | V1.03.0006 | 1. Improved the accuracy of the analog demodulation and modulation frequency. 2. Added the overload prompt in simplified Chinese and English. 3. Fixed some BUGs. 4. The first version. |

**Firmware Upgrade Guide**

**Upgrade using system interface**

1. Check the current hardware version of the instrument.
2. Download the corresponding version firmware from the official website.
3. Press the System key or click the Setting key on the displayed page.

屏幕的截图

描述已自动生成

1. Save the firmware into a USB flash drive.

图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成

1. Insert the USB flash drive into the USB port on the front panel.

* Click the file folder 图片包含 文本

  描述已自动生成 key to enter the file system.
* Tap  at the top left corner of the screen to select the USB flash drive.
* Select the firmware file folder.
* Navigate to the folder where the firmware is stored, double-click  or single-click the **Load** menu on the right side to enter Upgrade Process. A prompt will appear “The upgrade will overwrite the existing program. Are you sure to do so?”
* Click 电脑屏幕的照片

  中度可信度描述已自动生成 to confirm the upgrade settings.

屏幕的截图

描述已自动生成

double-click

Click

屏幕上写着字

描述已自动生成

1. Wait for the upgrade to completed. The instrument will automatically reboot without intervention. A normal reboot will complete this upgrade.
2. After the instrument reboots, unplug the USB flash drive. Then, go to the System Information page to check the current version.

屏幕的截图

描述已自动生成