**Revision Record**

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| --- | --- | --- | --- | --- | --- |
| Date | Hardware Version | IF Logic Version | RF Logic Version | Software Version | Revision Content |

2024/12/06 IF:1.05.0000 1.00.0003 1.01.0005 1.04.0023 1. Fixed SCPI PEAK exit bug.

RF:1.01.0000 2. Fixed variable names mismatch in reference

calibration files.

3. Optimized SCPI instruction may contain IDN information.

4. Fixed some BUGs.

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2024/10/23 IF:1.05.0000 1.00.0003 1.01.0004 1.04.0022 1. Fixed logic bug that could cause damage to the speaker.

RF:1.01.0000 2. Fixed bug preventing device shutdown in remote mode.

3. Fixed some BUGs.

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2024/10/23 IF:1.05.0000 1.00.0003 1.01.0004 1.04.0021 1. Fixed stray issue in previous version.

RF:1.01.0000 2. Fixed issue in V1.00 when RF hardware prompted

calibration failure.

3. Fixed some BUGs.

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2024/10/21 IF:1.05.0000 1.00.0002 1.01.0004 1.04.0020 1. Fixed maker:Y? command bug.

RF:1.00.0000 2. Fixed audio card bug.

3. Fixed some BUGs.

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2024/10/18 IF:1.05.0000 1.00.0002 1.01.0003 1.04.0019 1. Fixed issue where previous version could not be verified.

RF:1.00.0000 2. Fixed some BUGs.

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2024/10/15 IF:1.05.0000 1.00.0002 1.01.0003 1.04.0018 1. Fixed issues with PNA.

RF:1.00.0000 2. Fixed self-correction logic.

3. Fixed known issues with VNA.

4. Fixed known issues with SCPI.

5. Fixed some BUGs.

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2024/09/04 IF:1.05.0000 1.00.0001 1.01.0002 1.04.0015 1. Changed calibration method (requires modification of

RF:1.00.0000 the internal 100M circuit and high/low frequency

switching, combined with new calibration software).

2. Added new modes: LTE FDD, LTE TDD, and NR.

3. Added VNA calibration logic in factory settings.

4. Optimized VNA calibration logic.

5. Added DTF function.

6. Fixed issues with SCPI and ZenTao update bug.

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2024/08/27 IF:1.05.0000 1.00.0001 1.01.0002 1.04.0008 1. Optimized stray function.

RF:1.00.0000 2. Added automatic calibration.

3. Optimized 1 GHz phase noise.

4. Fixed issues with SCPI instructions, host computer

communication, and inaccurate EMI Quasi- peak measurement.

5. Optimized VSA.

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2024/08/22 IF:1.05.0000 1.00.0000 1.01.0001 1.04.0006 1. Optimized stray logic for frequency sweep.

RF:1.00.0000 2. Fixed issues with VNA.

3. Fixed issues with VSA.

4. Fixed issues with SCPI.

5. Fixed some BUGs.

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2024/08/17 IF:1.05.0000 1.00.0000 1.01.0000 1.04.0004 1. Optimized stray function.

RF:1.00.0000 2. Optimized phase noise.

3. Fixed issues with IQ, VSA, and VNA.

4. Fixed some BUGs.

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2024/07/10 IF:1.05.0000 1.00.0000 1.00.0000 1.03.0067 1. Initial update.

RF:1.00.0000 2. Fixed some BUGs.

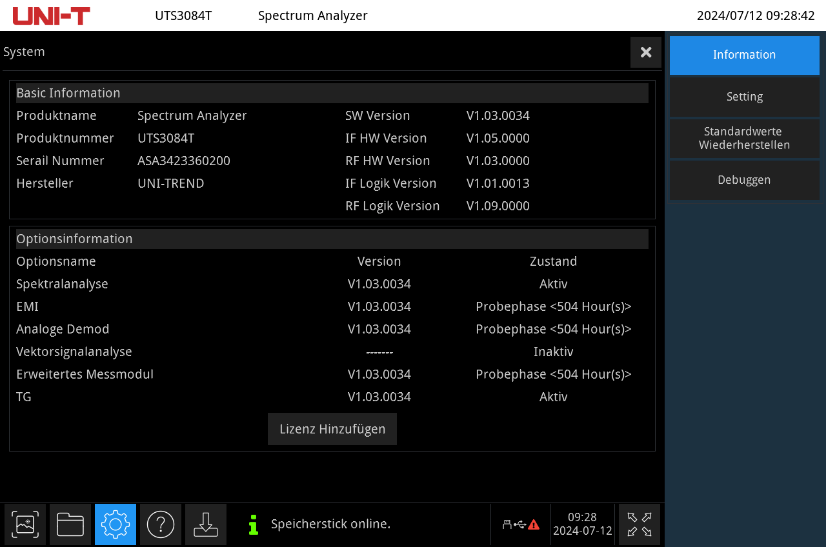
Note: RF hardware version V1.00.0000 is not compatible with V1.01.0000

# Firmware Upgrade Guide

**Upgrade through the system interface**

1. Check the current hardware version of the machine. Download the appropriate version of firmware from the official website.

System or tap the settings button below the display area.



1. Save the firmware into a USB flash drive.

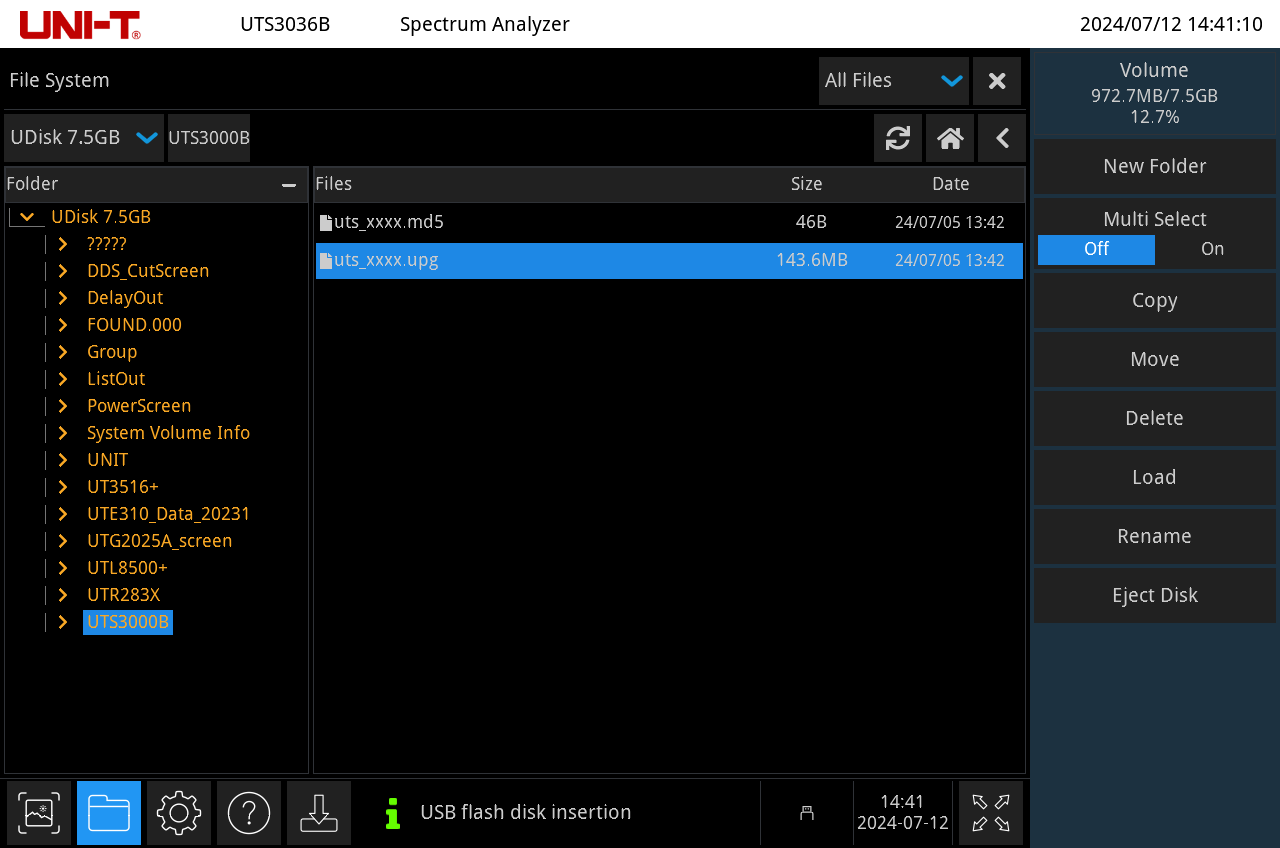
图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成

1. Insert the USB flash drive into the front USB port of the panel. Tap the **Folder** button 图片包含 文本

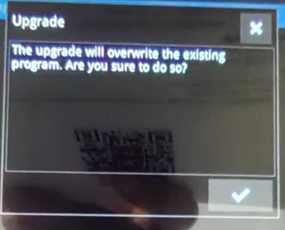
   描述已自动生成 in the display area to enter the file system. Then tap the upper left corner to select the inserted USB flash drive device. Navigate to the folder where the firmware is stored, double-click  or click **Load** in the right menu. You will then see a prompt asking whether you want to upgrade: *The 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.



Click

double-click



1. Wait for the upgrade to be completed. The instrument will automatically reboot without any intervention. A normal reboot will finalize the 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