

M9484C VXG Signal Generator

Fading Files

Updated:

May 2024

Overview

The M9484C VXG has optional capability for 3GPP MIMO fading through the N7605AP0C. The N7605AP0C uses fading files provided via an installer separate from the M9484C software installer. This procedure describes the process for installing or updating the fading files on the M9484C instrument.

This procedure will not update any other software.

Note: Connecting a mouse and keyboard is recommended.

To determine the revision of fading files currently installed, go to Windows Search and enter Control Panel, then launch the control panel. Navigate to **Programs** and select 'Uninstall a program' to view the program listing. Look for an entry of **Keysight Fading Files**; your instrument may, or may not, contain an entry depending on when it was manufactured:

Keysight Distributed Infrastructure	Keysight Technologies	11/20/2023	30.5 MB	3.2.63
Keysight Fading Files	Keysight Technologies	5/4/2024	6.28 GB	1.0.13
Keysight Test Resource Platform	Keysight Technologies	11/13/2023	35.0 MB	5.1.2023

Requirements

To use this update procedure, the following requirements must be met:

1. Instrument must be functioning properly before the update is attempted
2. The ability to login to the instrument as the **administrator**
3. The ability to transfer a large file (~1.5 GBytes) to the instrument being updated
4. Approximately 10 GBytes of available space on the D: partition of the instrument

Obtaining the latest software update

1. Go to <http://www.keysight.com/find/m9484c>
2. Select the Visit Technical Support link, then Drivers, Firmware and Software and select the appropriate link in the Instrument Firmware/Software section
3. Download the executable file (**Keysight.PathWave.SG.Fading.Files.Setup_1.XX.XX.exe**) by clicking on the Download button. Save the file to a location of your choice; recommendation is to use a folder on the D: partition.

If you do not have the ability to download files directly to the D: partition of the instrument being updated, store the **Keysight.PathWave.SG.Fading.Files.Setup_1.XX.XX.exe** file on a large capacity USB storage device for transfer to the instrument. (The file size is ~1.5 GByte.)

Note: This will update the fading files currently running on the instrument. It will not update the version that exists on the recovery partition. Because of this, if the recovery process is performed, the instrument will revert to the version that was originally shipped from the factory. It is recommended you place a copy of this software installer on the D: partition, so you can easily perform an update in the event you need to do a recovery in the future.

Update Procedure

The default user account is **Instrument**, which does not have the required permissions to install the fading files. For the process outlined below, ensure the Instrument user is **Signed Out**, do not use Switch User, then login as the **administrator**.

The fading files upgrade process has an install wizard which removes an old version, if one exists, and installs new version. The time to perform the upgrade is approximately 10 minutes.

1. If the instrument is not already running, turn the instrument on and allow it to completely boot up
2. Close the instrument application by pressing the triple-bar  icon on the top bar of the graphical user interface, then Exit 
3. **Sign Out** of the default user (**Instrument**): if the Windows task bar is not present at the bottom of the screen, tap the lower section of the display until the Windows task bar



appears. Tap the **Windows Start** icon, select the **Change Account settings** icon and **Sign out**.

4. At the login prompt enter (factory default indicated, if you have changed the password enter the appropriate password):
 - User name: **administrator**
 - Password: **Keysight4u!**
5. Press the Next arrow to log in

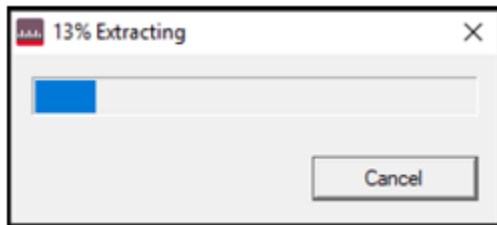
Fading files Install

If you downloaded the fading files update file to the instrument via LAN, access that file from the location that it was stored and proceed to step 1.

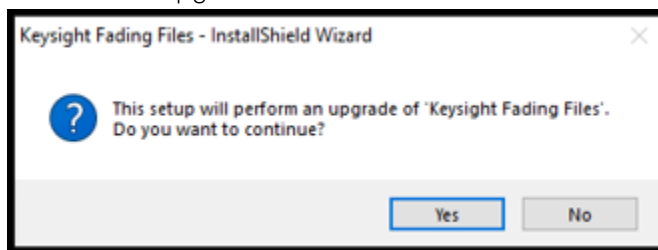
If you downloaded the fading files update file to a USB storage device, plug it into one of the USB ports on the front of the instrument. Copy the file to the instrument's disk drive, per Note above it is recommended to use the D: partition, then proceed to step 1.

1. Tap the **Windows Start** icon, select **File Explorer** and select the appropriate file location
2. Double tap the filename "**Keysight.PathWave.SG.Fading.Files.Setup_1.XX.XX.exe**".

You will see the file extraction process indication:



3. If the instrument has a prior version of the fading files installed you will be prompted to confirm the upgrade:

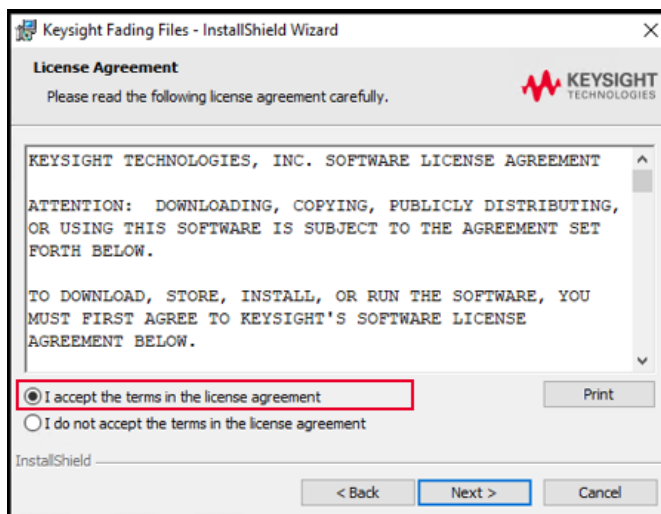


Select Yes to proceed.

4. Next an introduction message will appear, read and select Next >:



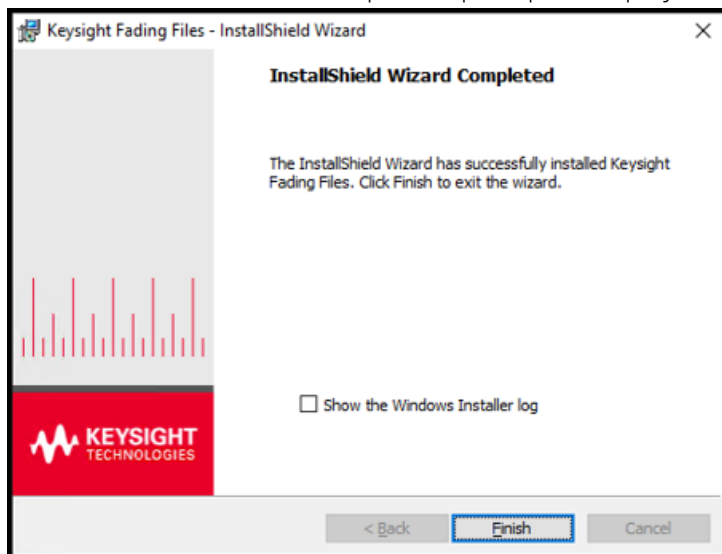
5. Next the licensing agreement appears, read and accept the agreement then select Next >:



6. The installation process will proceed, you may or may not be prompted for further installation questions – accept all defaults.

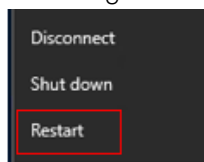
DO NOT cycle the instrument power for any reason during the process. If this process is interrupted, the instrument may end up in an unusable state, and will likely need to be returned to Keysight Technologies for repair before it will be usable again.

7. When the installation is complete a prompt is displayed



Select **Finish**.

8. Restart the instrument using the **Windows Start** icon, tap on the power icon ,



then select Restart .