

Quick Start Reference for *TVStudy* 2.2.5

A TV Interference Check study is an analysis by *TVStudy* of a new or modified TV record for predicting potential interference to existing records in the FCC's Licensing and Management System (LMS). To get started running a TV Interference Check study with *TVStudy* 2.2.5, first install and launch *TVStudy* using the instructions found in the *TVStudy* Installation and Upgrade Guide. Once you are looking at the Study Manager window, you may begin to set up a study. This quick start reference guide is designed to point you to the correct pages of the *TVStudy* Manual to learn how to do this.

Step summary:

- 1) Import LMS dataset.
- 2) Open the TV Interference Check wizard.
- 3) Create or modify and then save the study record.
- 4) Set output and run options before running the study.
- 5) View the output files.

Step 1) – First, import an LMS dataset to use for your analysis. The instructions for this part of the process are on page 9 of the *TVStudy* Manual. The LMS dataset you import will be static; to update it, you will need to redownload LMS each time you want to run an analysis using a more recent dataset. This process can also be automated using the instructions found on page 17 of the *TVStudy* Installation and Upgrade Guide.

Step 2) – Second, if it has not loaded by default as “Interference Check,” you will want to import an appropriate study template provided by the FCC to ensure consistently applied software configuration settings and similar analysis outcomes. Instructions for this part of the process are on page 23 of the *TVStudy* Manual.

Step 3) – Then, you will want to open the TV Interference Check wizard, which is described on page 65 of the *TVStudy* Manual. You will need to either create a new record or duplicate and modify an existing record that will be used by *TVStudy* to represent the station record which you are assessing for potential interference. An existing record may be a good starting point for modification of a station already in LMS. To see how to do that and how to use the editor, see page 13 of the *TVStudy* Manual.

Step 4) – When you are satisfied with your new or modified record, you will need to save it before you can run it. Then, use the settings at the bottom of the window to configure your study, including setting the preferred template, as noted on page 65 of the *TVStudy* Manual. You can also determine which output files you would like to produce, which are described on page 36 of the *TVStudy* Manual. After that, click “Build & Run” and *TVStudy* will proceed.

Step 5) – After *TVStudy* is finished, view your output files by entering the out/ folder within your *TVStudy* folder on your installation and navigating to your specific study folder. The text and CSV output files have headers that explain the included fields, while most of the other output formats are described in several of the appendices to the *TVStudy* Manual. The file that will be most useful, however, is the tvixstudy.txt file, which is output by *TVStudy* for any TV Interference Check study. This file mimics the output of the FCC's older *tv_process* software, and provides detailed information about whether and why a particular study passes or fails each component of the interference check.

Should you have further questions, please consult the *TVStudy* Manual. If the *TVStudy* Manual does not contain the answers you seek, check the *TVStudy* FAQ, and failing that, please contact the FCC using the contact information found in the Contact Information section of the *TVStudy* Manual.