



GRL Platform Solutions

User Guide

Create a New Test Project with E-SDF Using GRL-C3-MP-TPR Test Application

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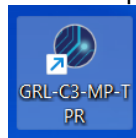
1 Why is E-SDF Required?

To use the GRL-C3-MP-TPR App from version TPR/TPT - 2.220.0.23/3.220.1.17, the user is required to create or upload the E-SDF (Electronic Self Declaration Form) as a mandatory step. If the E-SDF is not loaded, execution of test cases will not be possible.

2 Create New Test Project Using E-SDF

The following procedure describes how to create a new test project using E-SDF in the GRL-C3-MP-TPR App:

1. Launch the GRL-C3-MP-TPR App by double-clicking on the “GRL-C3-MP-TPR”



App desktop shortcut

2. Click on the **Test Configuration** tab on the left of the application as shown in Figure 2.1 below.

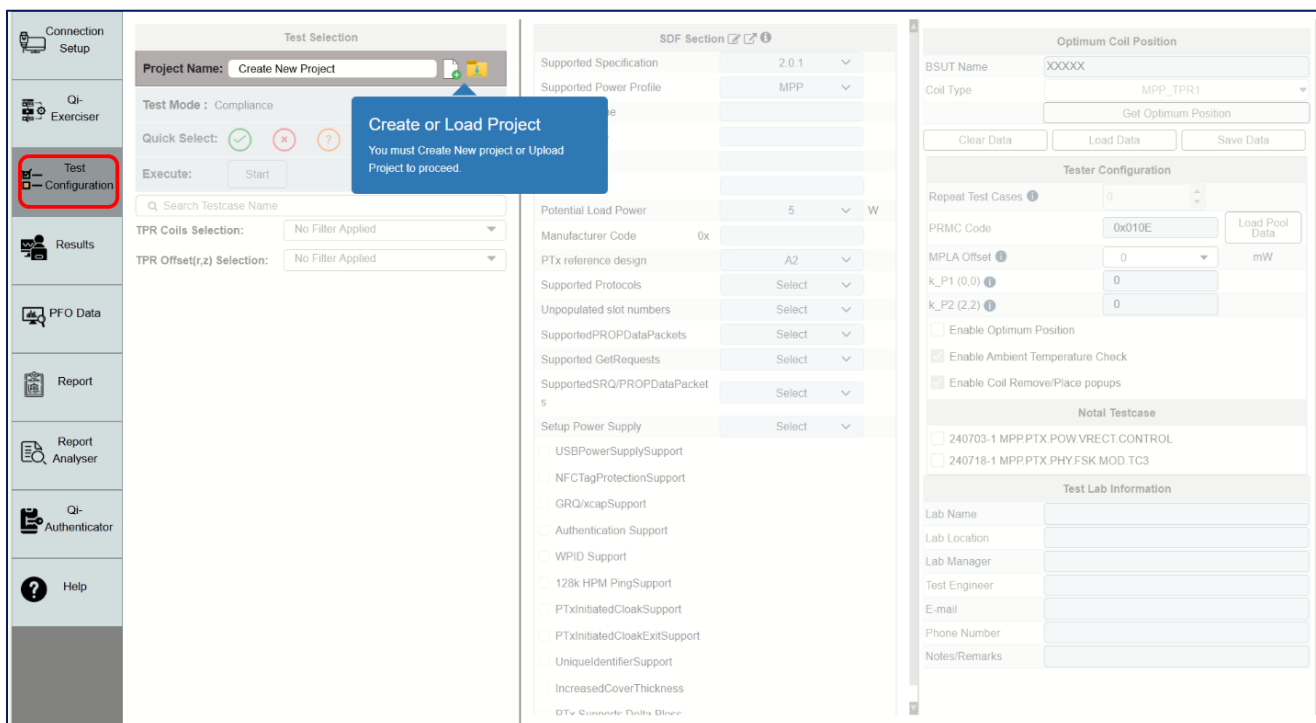


FIGURE 2.1: TEST CONFIGURATION SCREEN

3. Click on **Create New Project** as indicated in Figure 2.2 below.

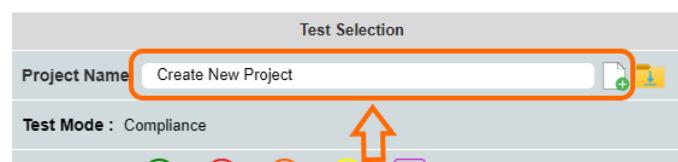


FIGURE 2.2: CREATE NEW PROJECT— #1

4. Set the following:

- a) Enter the **Project Name** (allowed up to 15 letters and special characters) and select the **Test Mode** as “Compliance” or “Pre-Compliance”.

Note: Select the “Compliance” test mode if the eSDF (Electronic Self Declaration Form) file of the DUT is available. If the eSDF is not available, select the “Pre-Compliance” test mode.

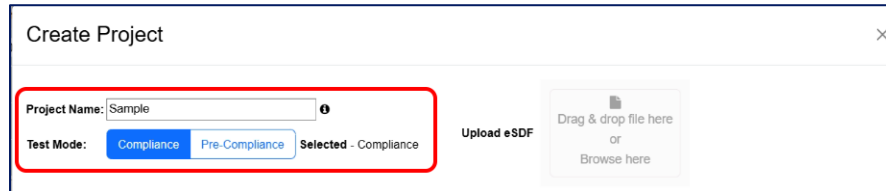


FIGURE 2.3: CREATE NEW PROJECT— #2

- b) If the “**Compliance**” Test Mode is selected, **upload** the **E-SDF** file of the DUT by dragging and dropping the file into the panel on the right or clicking on the panel to select the file from the system. Then click on the **Create Project** button at the bottom.

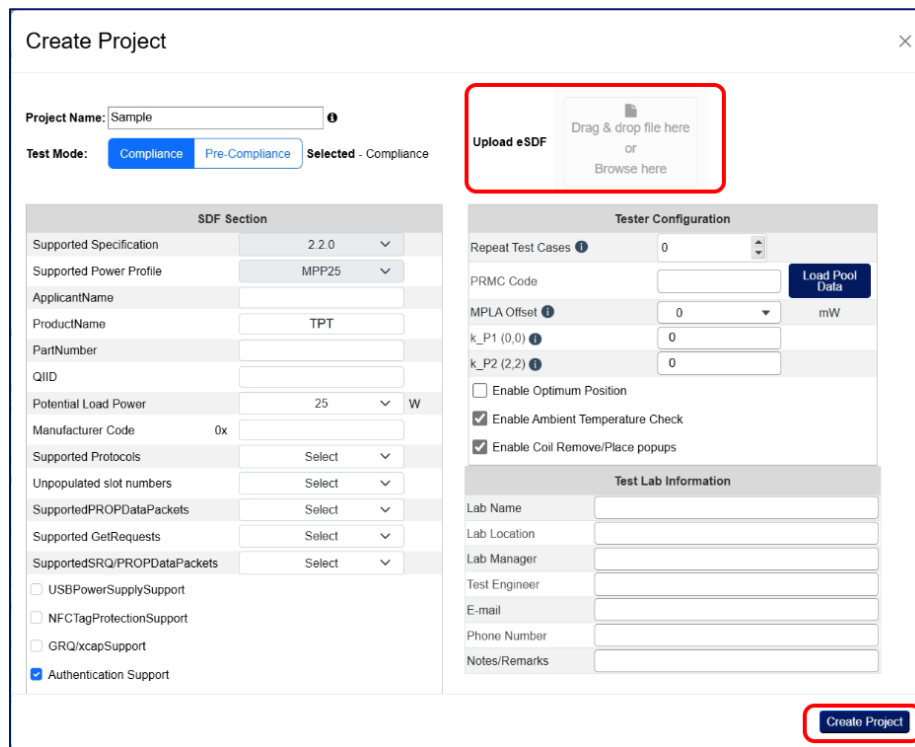


FIGURE 2.4: CREATE NEW PROJECT— #3

- c) If the “**Pre-Compliance**” Test Mode is selected, select to either upload the eSDF of the DUT (if available) or generate a default eSDF (**Get Default ESDF**) by clicking on the respective checkboxes.
 - i. If the “**Get Default ESDF**” checkbox is selected, select the **Power Profile** and **Supported Specification** of the DUT.

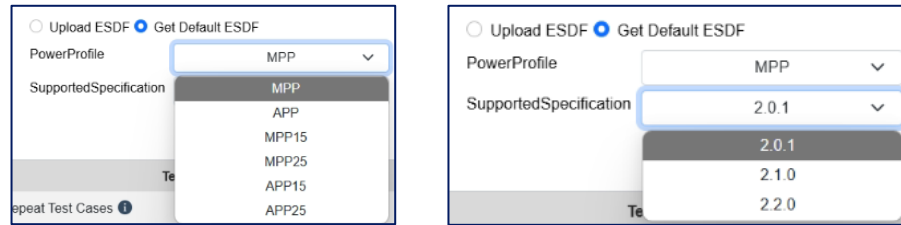


FIGURE 2.5: CREATE NEW PROJECT— #4

- ii. After selecting the power profile and supported specification, click on the **Get Default ESDF** button. The user can make additional configuration in the SDF Section, Tester Configuration and Test Lab Information panels if required. When done, click on the **Create Project** button.

Note: Some parameters may change based on the selected power profile and specification.

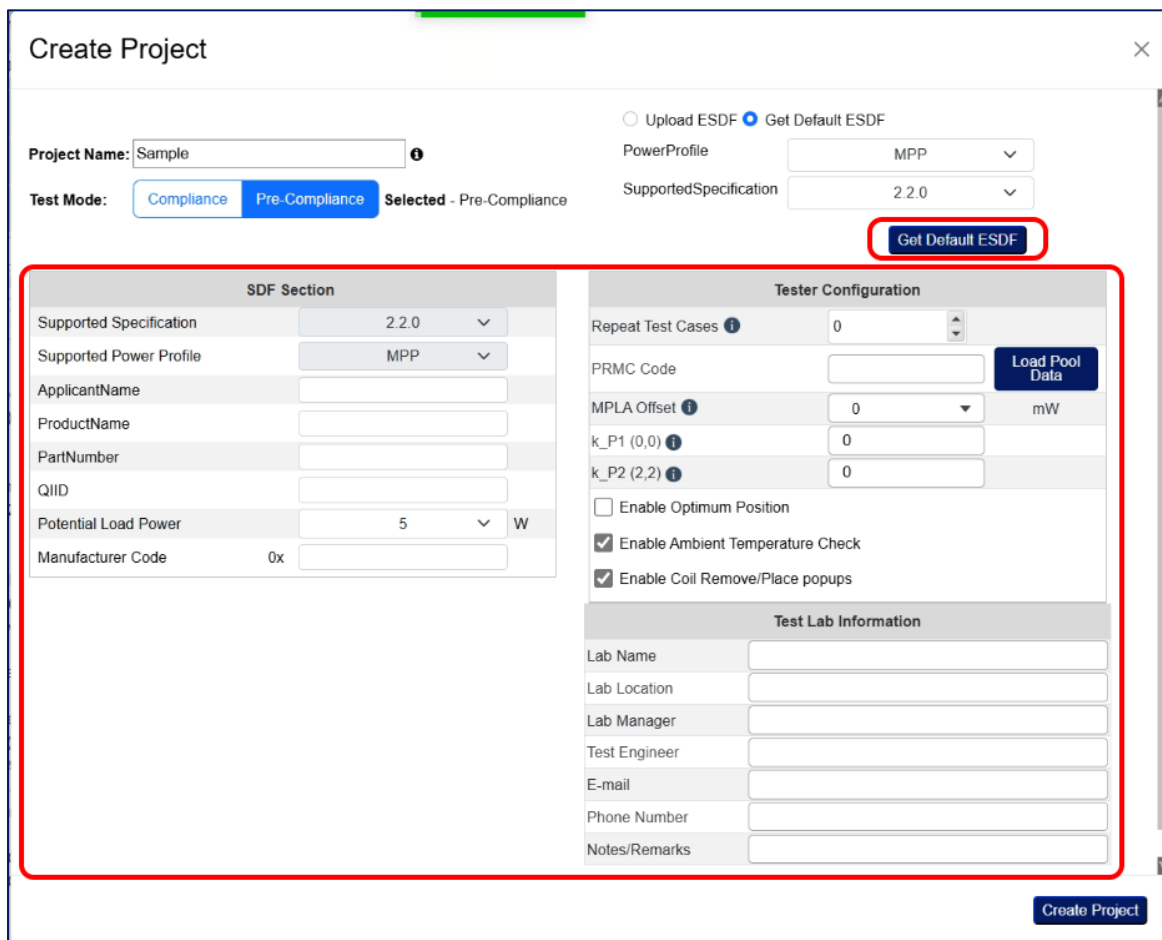
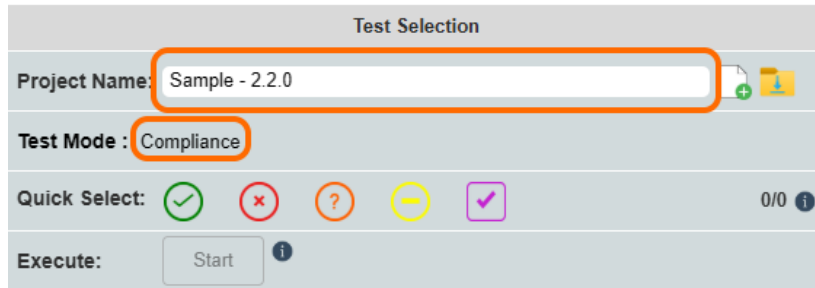


FIGURE 2.6: CREATE NEW PROJECT— #5

5. The new project will be created with the provided Project Name and Test Mode as shown in the Figure 2.7 example below. The user can now proceed with the test configuration.



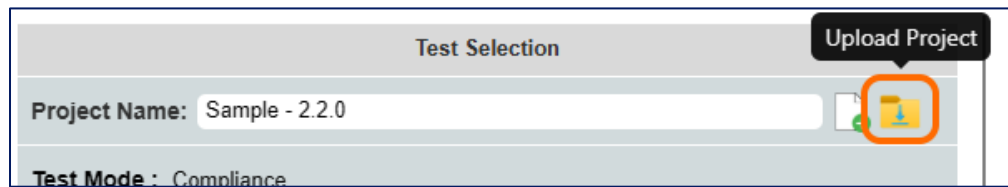
The screenshot shows a 'Test Selection' form. The 'Project Name' field contains 'Sample - 2.2.0' and is highlighted with an orange rectangle. The 'Test Mode' dropdown is set to 'Compliance' and is also highlighted with an orange rectangle. Below these fields are 'Quick Select' buttons (green checkmark, red X, yellow question mark, yellow minus, purple checkmark) and an 'Execute' section with a 'Start' button.

FIGURE 2.7: CREATE NEW PROJECT— #6

3 Upload Existing Saved Test Project

The following procedure describes how to upload an existing test project that was saved previously:

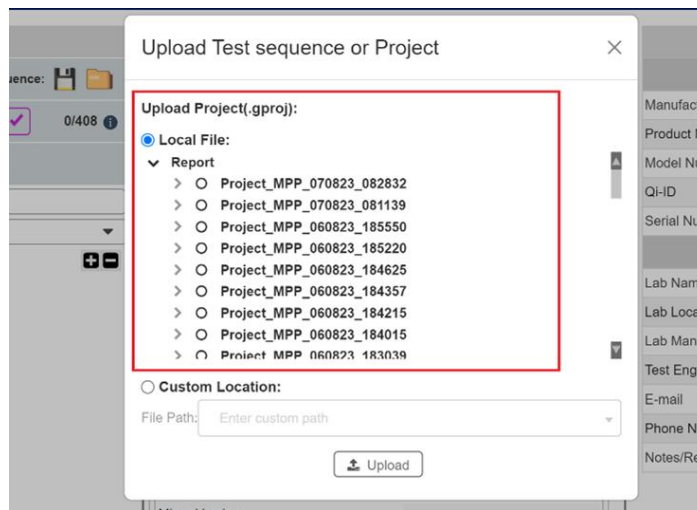
1. Click on the **Upload Project** icon as indicated in Figure 3.1 below.



This screenshot is similar to Figure 2.7 but includes a dark 'Upload Project' button in the top right corner, which is highlighted with an orange circle. The 'Project Name' field still contains 'Sample - 2.2.0'.

FIGURE 3.1: UPLOAD PROJECT— #1

2. If the required project file (.gproj file) was saved in the local file directory, select that project file under “Local File” as shown in Figure 3.2 below.



The screenshot shows a dialog box titled 'Upload Test sequence or Project'. The 'Local File' radio button is selected. A list of project files is displayed under the 'Report' folder, including 'Project_MPP_070823_082832', 'Project_MPP_070823_081139', 'Project_MPP_060823_185550', 'Project_MPP_060823_185220', 'Project_MPP_060823_184625', 'Project_MPP_060823_184357', 'Project_MPP_060823_184215', 'Project_MPP_060823_184015', and 'Project_MPP_060823_183039'. The 'Custom Location' radio button is unselected, and the 'File Path' field is empty.

FIGURE 3.2: UPLOAD PROJECT— #2

3. If the required .gproj file was saved in another location other than the local file directory, select **Custom Location** and enter the project file path, for example, “C:\GRL\GRL-C3-MP-TPR\Report\Apple_MPP_100823_084915\Run1\ReferenceData\MPP_Run1_TestBackup.gproj”.

Note: Make sure to provide the project file name (**MPP_Run1_TestBackup.gproj**) in the path.

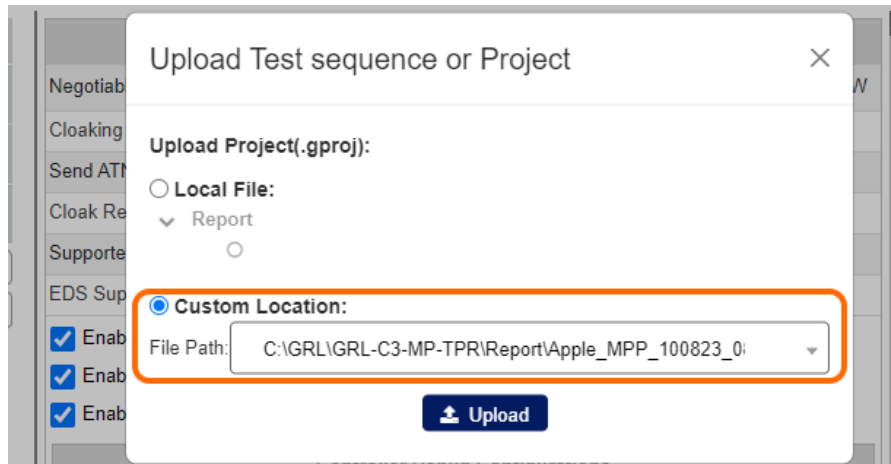


FIGURE 3.3: UPLOAD PROJECT— #3

- Click on the **Upload** button and the selected project file will be loaded as shown in the Figure 3.4 example below. The user can now proceed to access/configure the project.

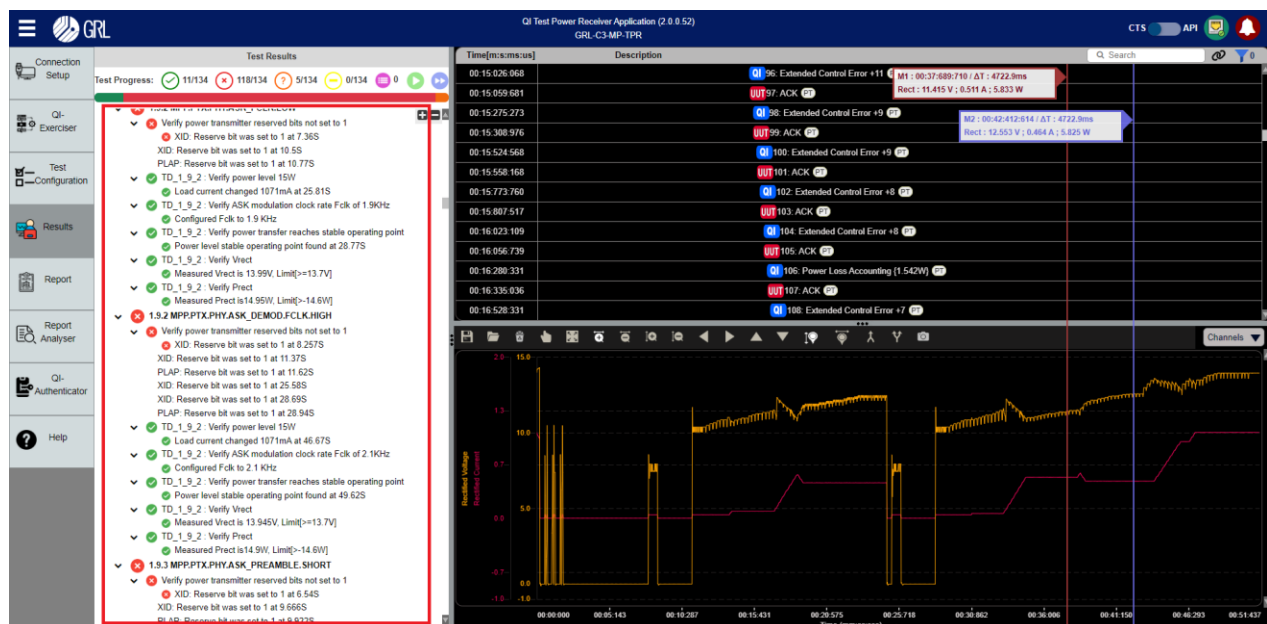


FIGURE 3.4: UPLOAD PROJECT— #4

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