Enabling G-SYNC

For better performance and to keep up with the high refresh rate of Holoscan applications, we recommend the use of a G-SYNC display.

Tip

Holoscan has been tested with these two G-SYNC displays:

- Asus ROG Swift PG279QM

- Asus ROG Swift 360 Hz PG259QNR

Follow these steps to ensure G-SYNC is enabled on your display:

1. Open the "NVIDIA Settings" Graphical application (nvidia-settings in Terminal).

2. Click on X Server Display Configuration then the Advanced button. This will show the Allow G-SYNC on monitor not validated as G-SYNC compatible option. Enable the option and click Apply :
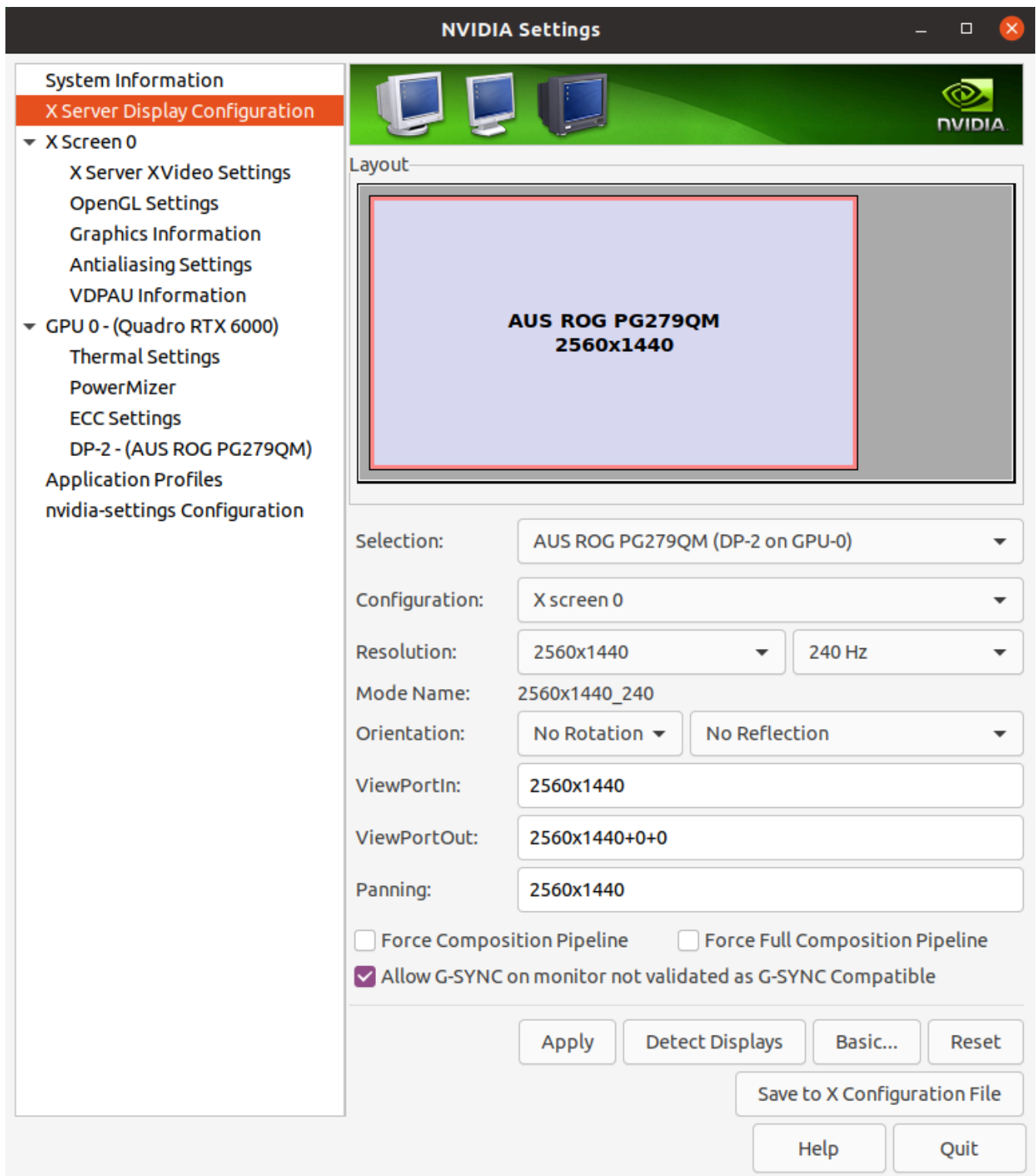
Fig. 1 *Enable G-SYNC for the current display*

3. To show the refresh rate and G-SYNC label on the display window, click on
   OpenGL Settings for the selected display. Now click
   Allow G-SYNC/G-SYNC Compatible and

Enable G-SYNC/G-SYNC Compatible Visual Indicator options and click Quit . This step is shown in below image. The Gsync indicator will be at the top right screen once the application is running.

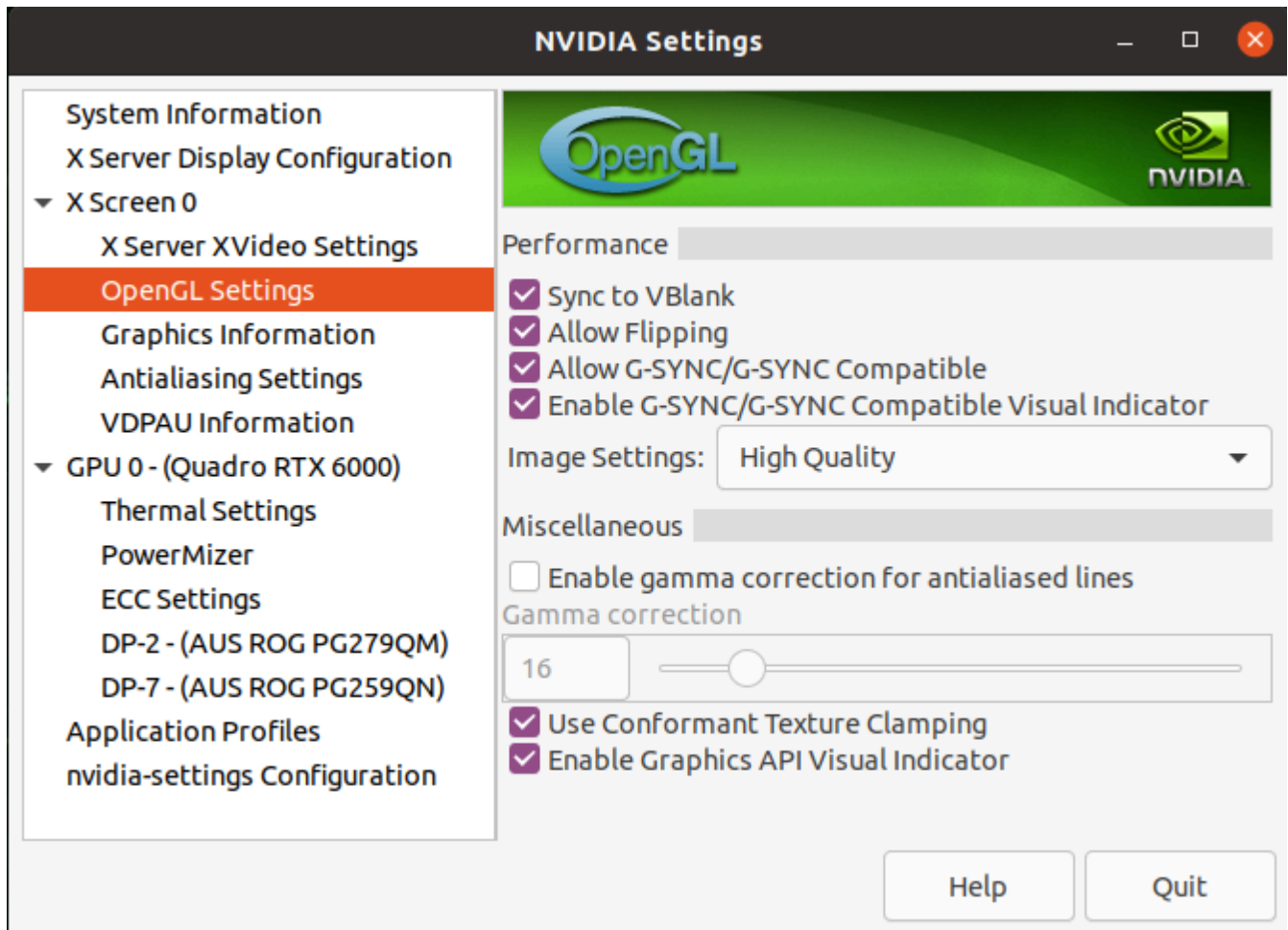Fig. 2 *Enable Visual Indicator for the current display*