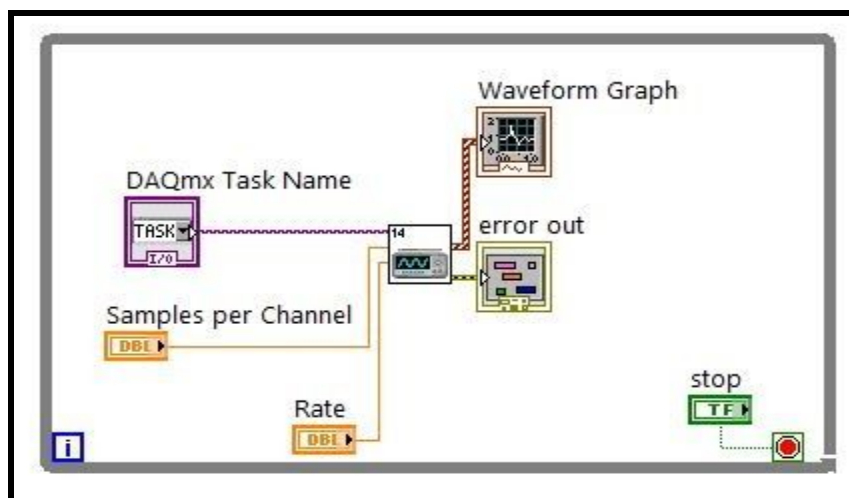The VI 01 Waveform Simulation is used to ensure that the user has correctly set up the USB 6009 OEM and a function generator. Refer to the document Simulated Signal (Frequency Generator) to fulfill all the physical requirements. The Front Panel shows the user can input both the number of Samples per Channel and the Rate of acquisition, and a DAQmx Task Name. 01 Waveform Simulation outputs the generated waveform and any errors.

The VI works by receiving input from the user on the Front Panel, and sending it to the VI 14 Function Generator Signal, which interprets and analyzes the signal. The Waveform is sent to the Front Panel, along with any errors.