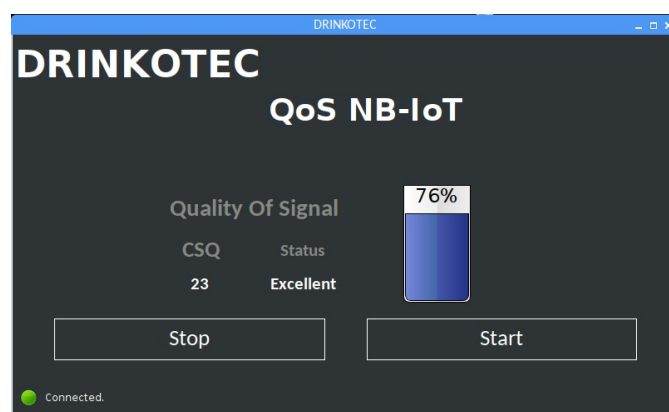


# QoS Quality Of Signal measurement for the SIM7000E NB-IoT HAT



SIM7000E NB-IoT HAT



Drinkotec tool application

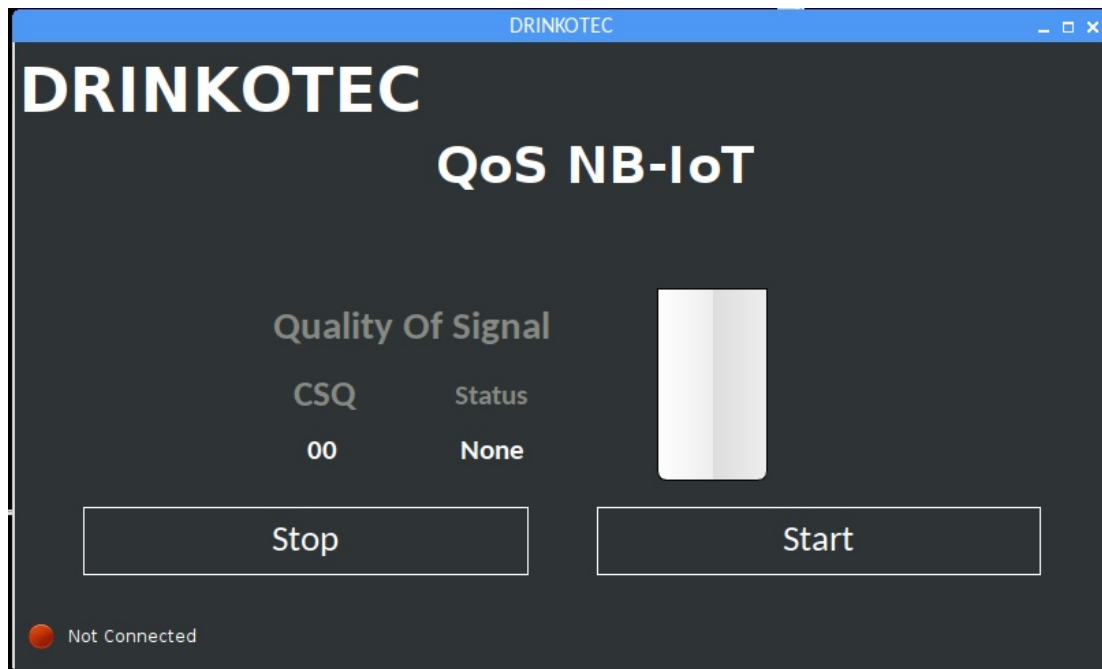
**Aim, objective:**

The purpose of this application is to offer a means of measuring the Quality of Signal for an IoT device. The measurement of the signal quality will allow us to evaluate and validate the possibility feasibility of an IoT installation at the customer location. This tool could be used by the technician or even the sellers in prospection.

**Objectif:**

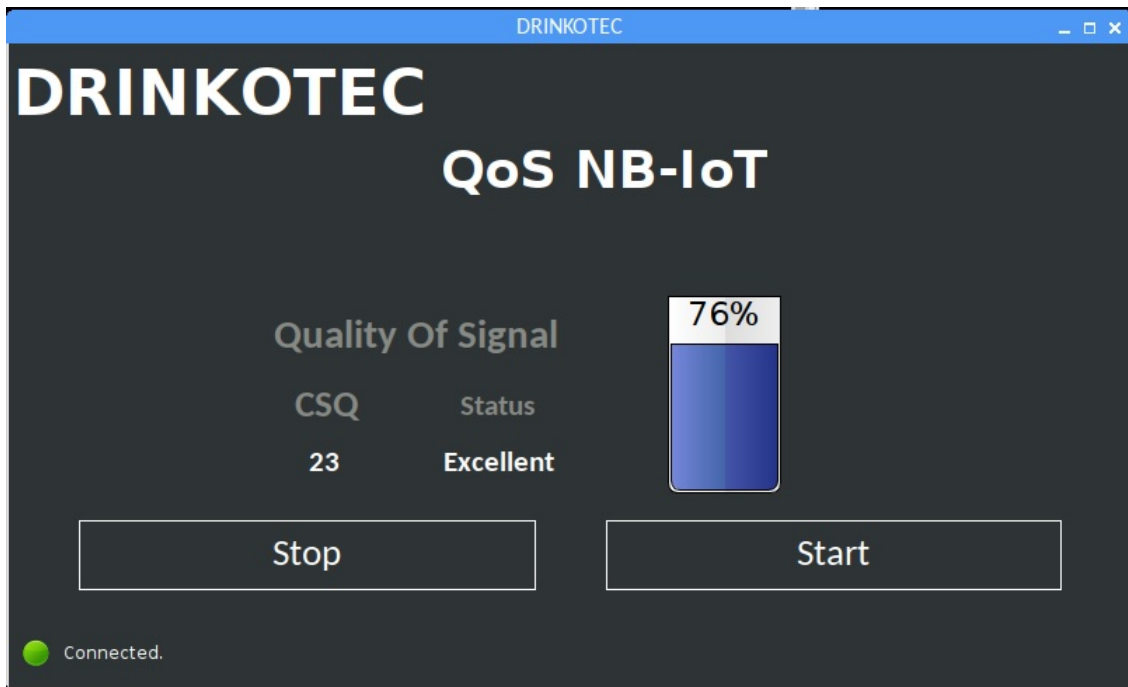
Le but de cette application est d'offrir un moyen de mesurer la qualité du signal pour un appareil IoT. La mesure de la qualité du signal nous permettra d'évaluer et de valider la faisabilité d'une installation IoT sur le site du client. Cet outil pourrait être utilisé par le technicien ou même par les vendeurs en prospection.

Once you power-on the device, the application should start automatically as shown below :

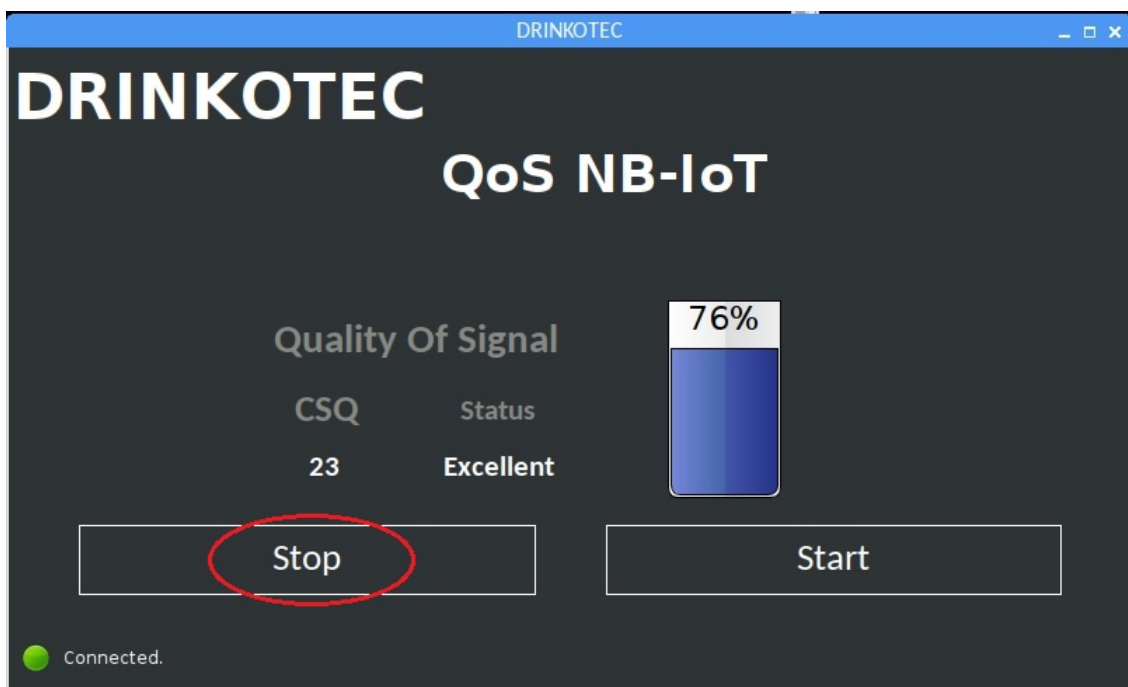


Press Start to begin measuring the QoS of the IoT device.

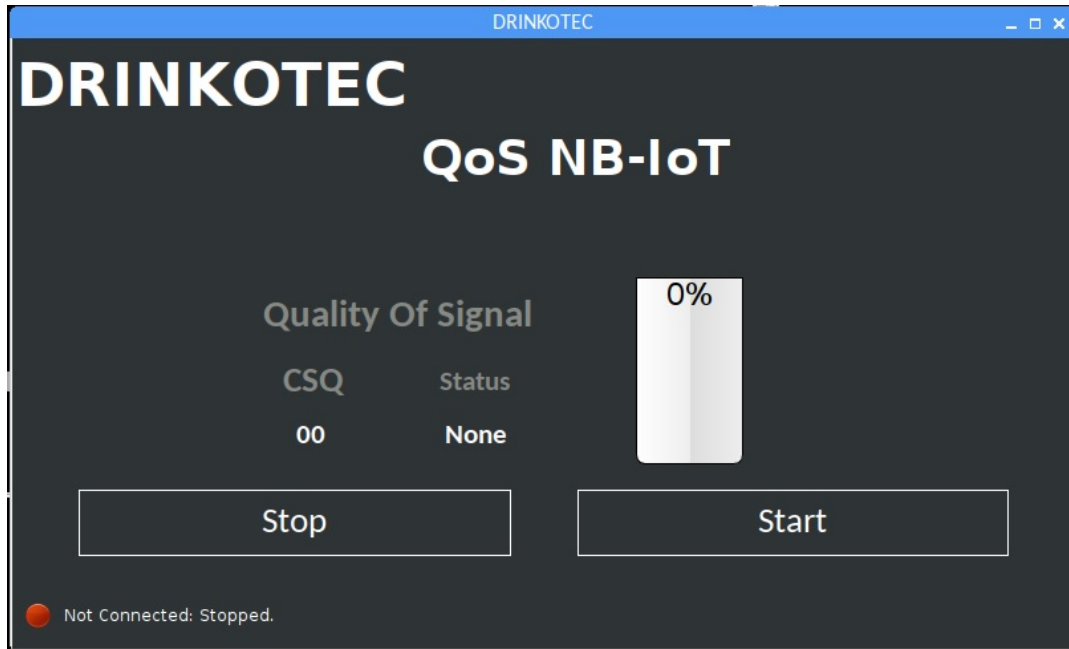




A any time, you can stop the measurement by pressing the Stop button as shown below :



Here below is the window after clicking the Stop button. Notice the red led and the friendly message at the bottom status bar to indicate that the measurement is stopped.



Finally, if the application fails to measure the Qos for any reason such as power drop or cable not connected, the measurement will stop and a friendly Error message with a red led will be displayed.

