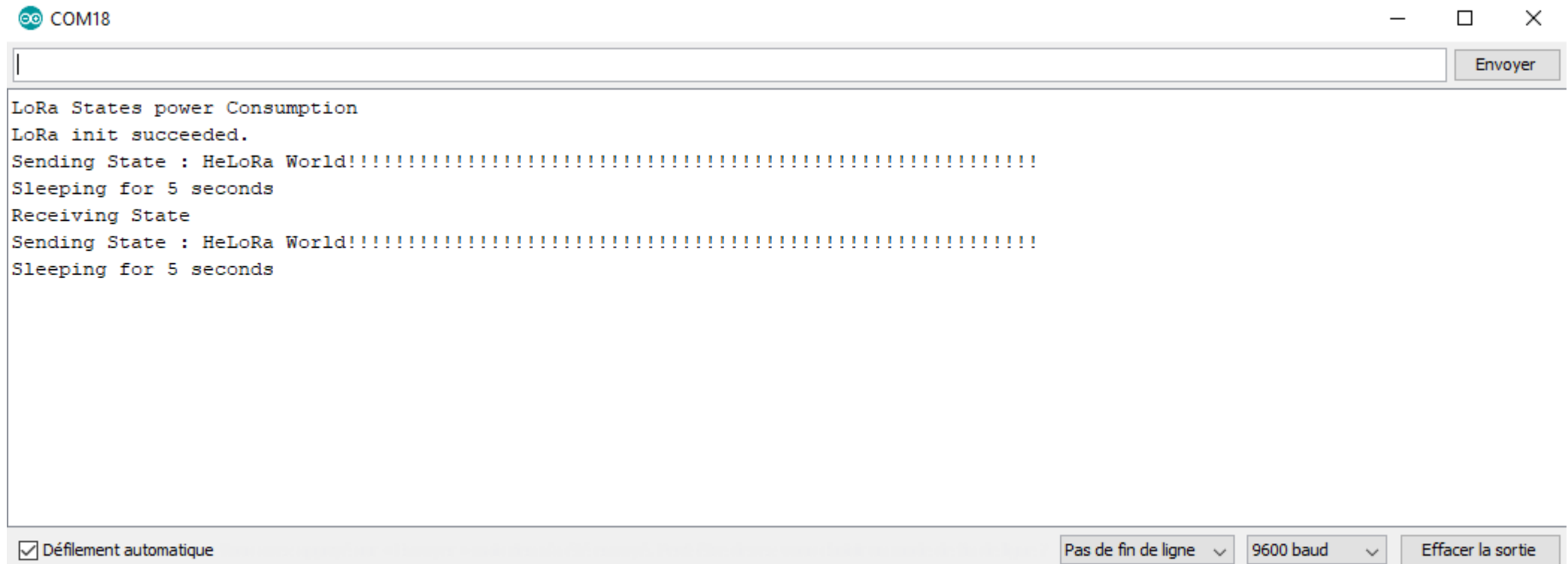


# Power consumption Lab

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# Power consumption Lab

- The code set 3 different states :
  - Transmission mode (the Tx power can be tuned from 2 to 20dBm)
  - Sleep mode
  - Reception mode



The screenshot shows a serial terminal window with the title 'COM18'. The window contains the following text:

```
LoRa States power Consumption
LoRa init succeeded.
Sending State : HeLoRa World!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Sleeping for 5 seconds
Receiving State
Sending State : HeLoRa World!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Sleeping for 5 seconds
```

At the bottom of the window, there are several controls: a checkbox labeled 'Défilement automatique' which is checked, a dropdown menu set to 'Pas de fin de ligne', a dropdown menu set to '9600 baud', and a button labeled 'Effacer la sortie'. There is also an 'Envoyer' button in the top right corner of the text area.

# Power consumption Lab

- You can use a 66312A DC source to measure the power consumption in the 3 different modes with 3.3V
- Try to power the Arduino on Vcc Pin and Raw Pin.
- The Raw pin used a regulator and can be powered from 4 to 9 V.

