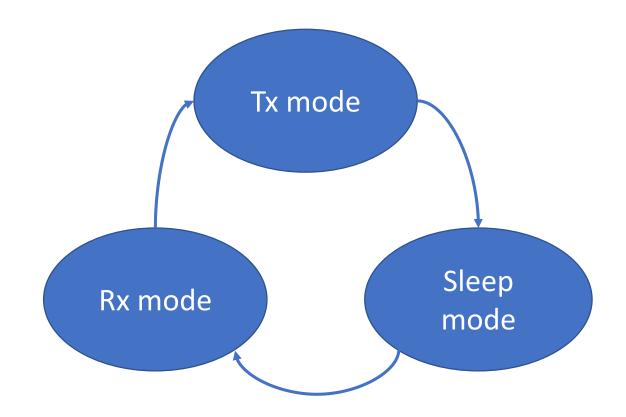
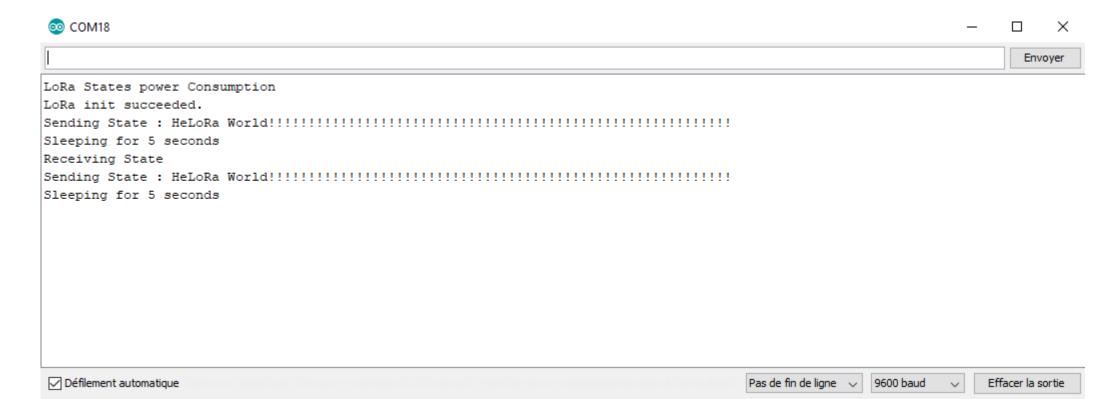
F. Ferrero

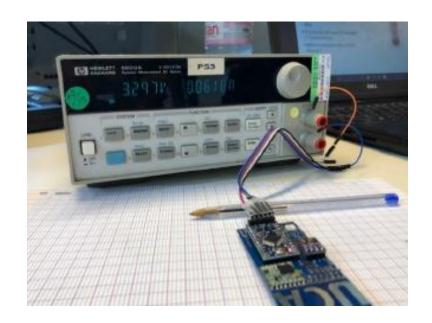
- Download the code Lora\_test\_States.ino in UCA\_Board/Arduino\_Code/LoRa\_PHY/
- Upload the code in the board



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



- 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.





- If we use a AA lithium battery with a capacity of 2.6 A.h
- For transmit, a SF9 and 14 dBm
- A transmit will take 200ms and 1 Tx each hours.
- What is the autonomy of the device ?

