
Lab visit report

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SUPERVISORS :
Bruno QUOITIN
Aqeel AHMED

AUTHOR :
Maxime BARTHA

1 Initial objectives

- implement Tx side proof of concept
- get a simple capture
- check for the sleeping drift

2 Material and software used

3 Summary

TCP connection (local) between Rx and Tx done sleeping drift might be a bigger issue the anticipated slotted transmissions finished

4 Problems encountered

even with the embedded python file, the init waiting for the TCP connection causes grc to freeze

5 Solutions found

send packet for the init state to be finished. Then it is possible to work on grc again (each time the python file is saved, the init function is called freezing grc)

6 Conclusion

tommorow : connect the transmitter and receveir by TCP and try the file saver

improvement : add Quoitin's code to the arduino code + clean it add frequency and number of cycles as parameters for arduino (need to transfer more than 1 byte)