

# Appendix C

## 1 Deployment of SRDB data into CCS

In this appendix, we aim to deploy our SimpleSAT SRDB data into a CCS and simulate how this data could be used to switch on the reaction wheel. Additionally, we would like to monitor the evolution the RW's temperature as well as the status telemetry parameters after the application of the defined calibrations.

The CCS that we have used is Yamcs Mission Control (<https://yamcs.org/>). The exchange format between the SRDB and this CCS is XTCE. Our annotated video here <https://youtu.be/cAXjQG46cGY> shows the SimpleSAT SRDB data in use.