



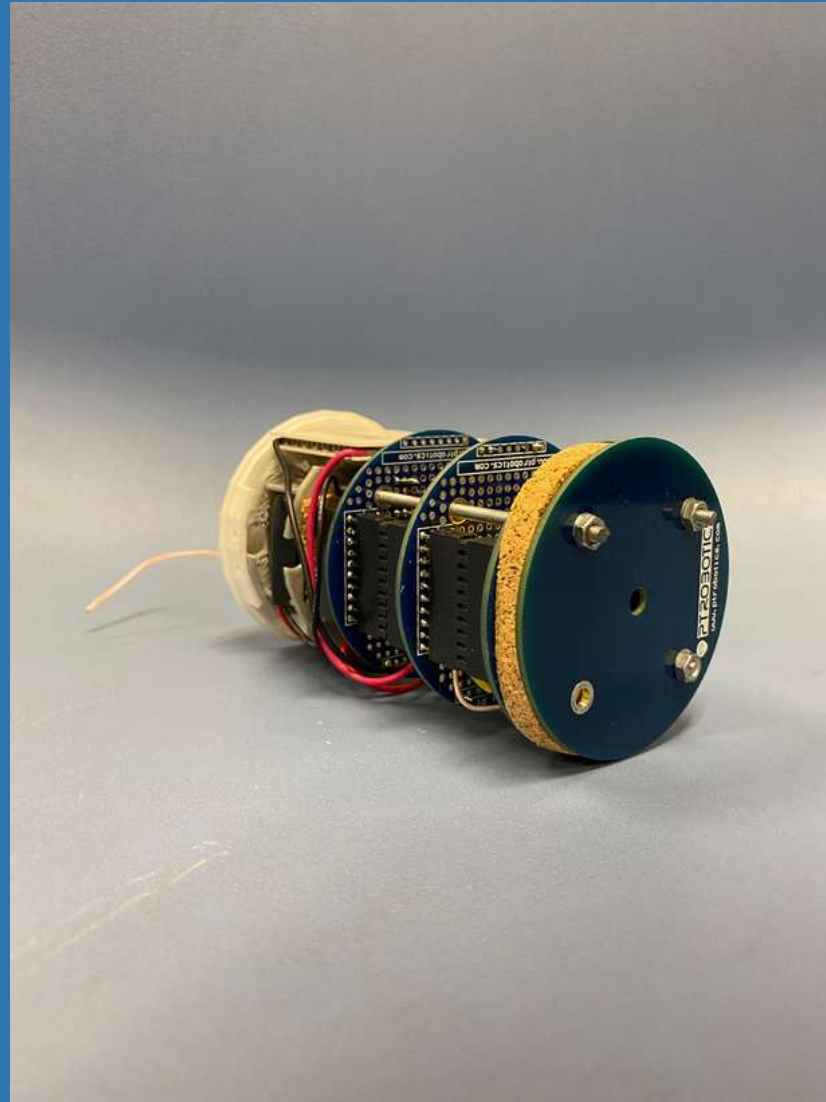
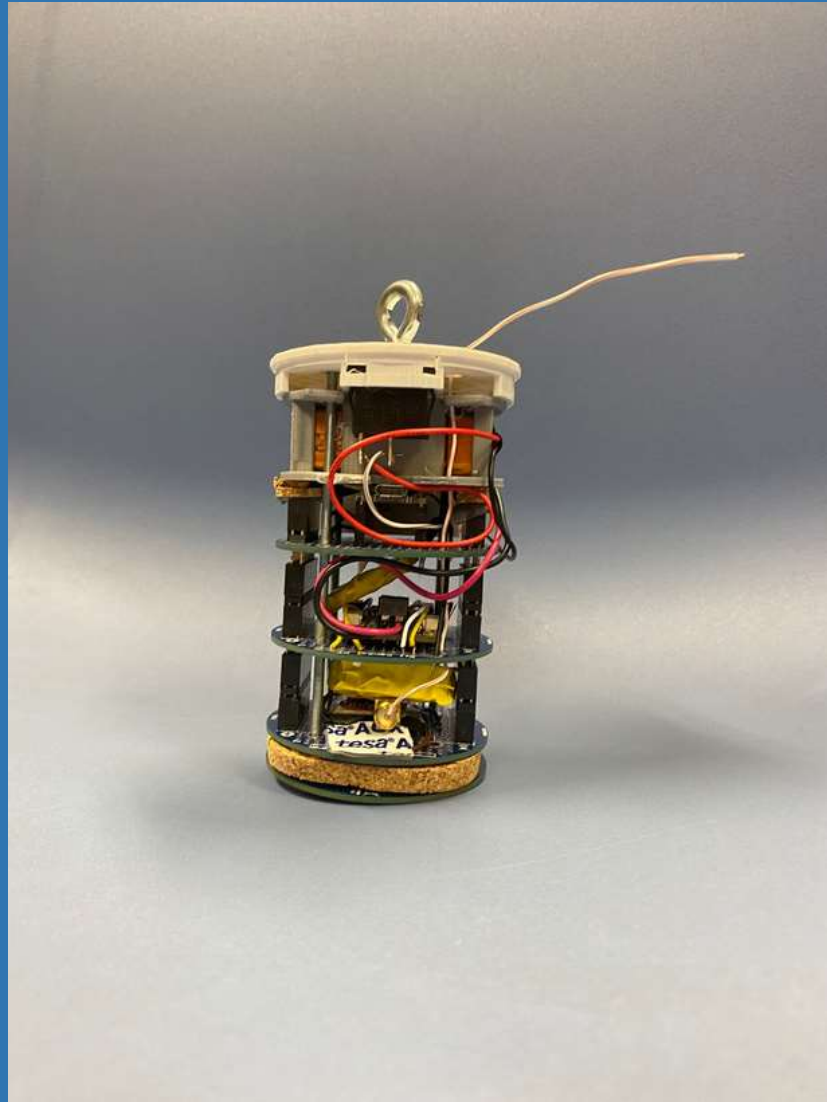
CANACORK



Apresentado por:

Carolina McVey, Duarte Cruz, Manuel Tenazinha,
Maria Pagará, Marta Silva, Vicente Santos

Our Cansat



Tests



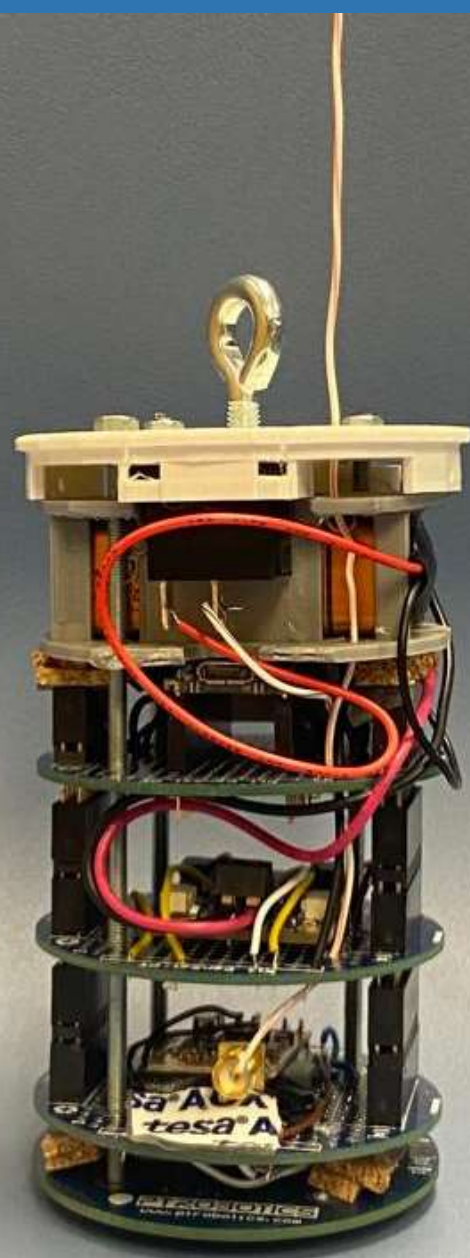
Telemetry



Acceleration

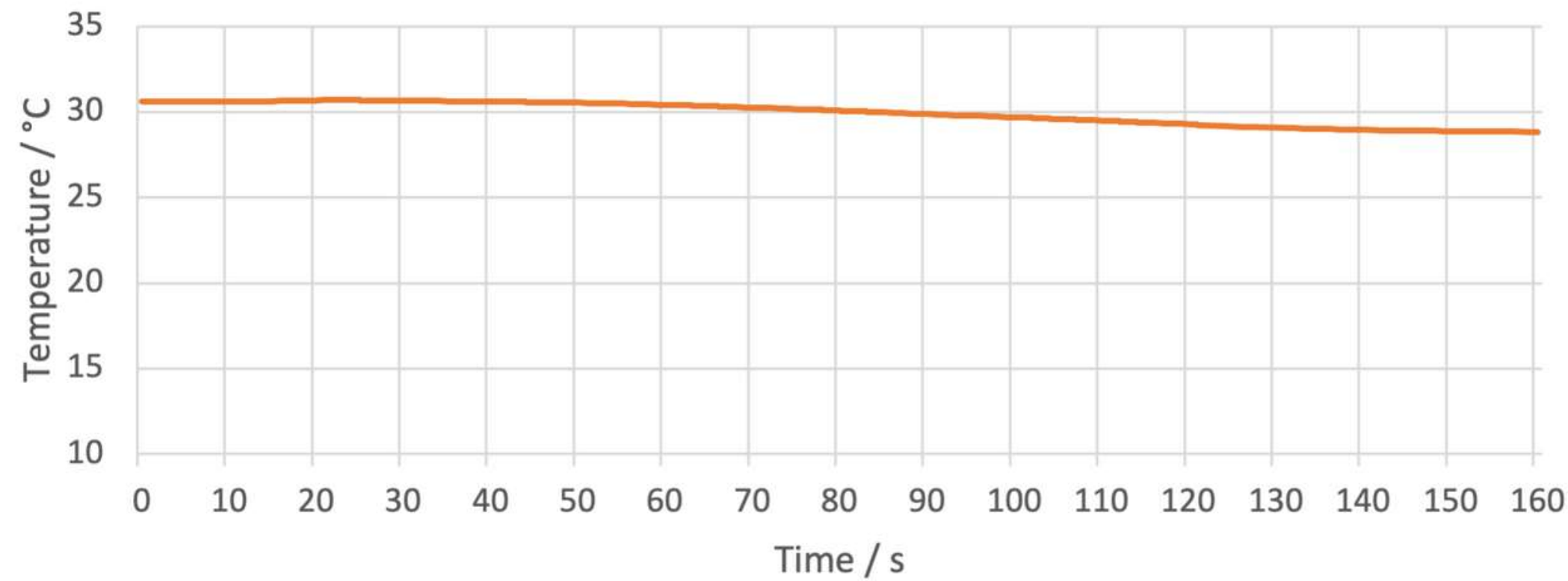
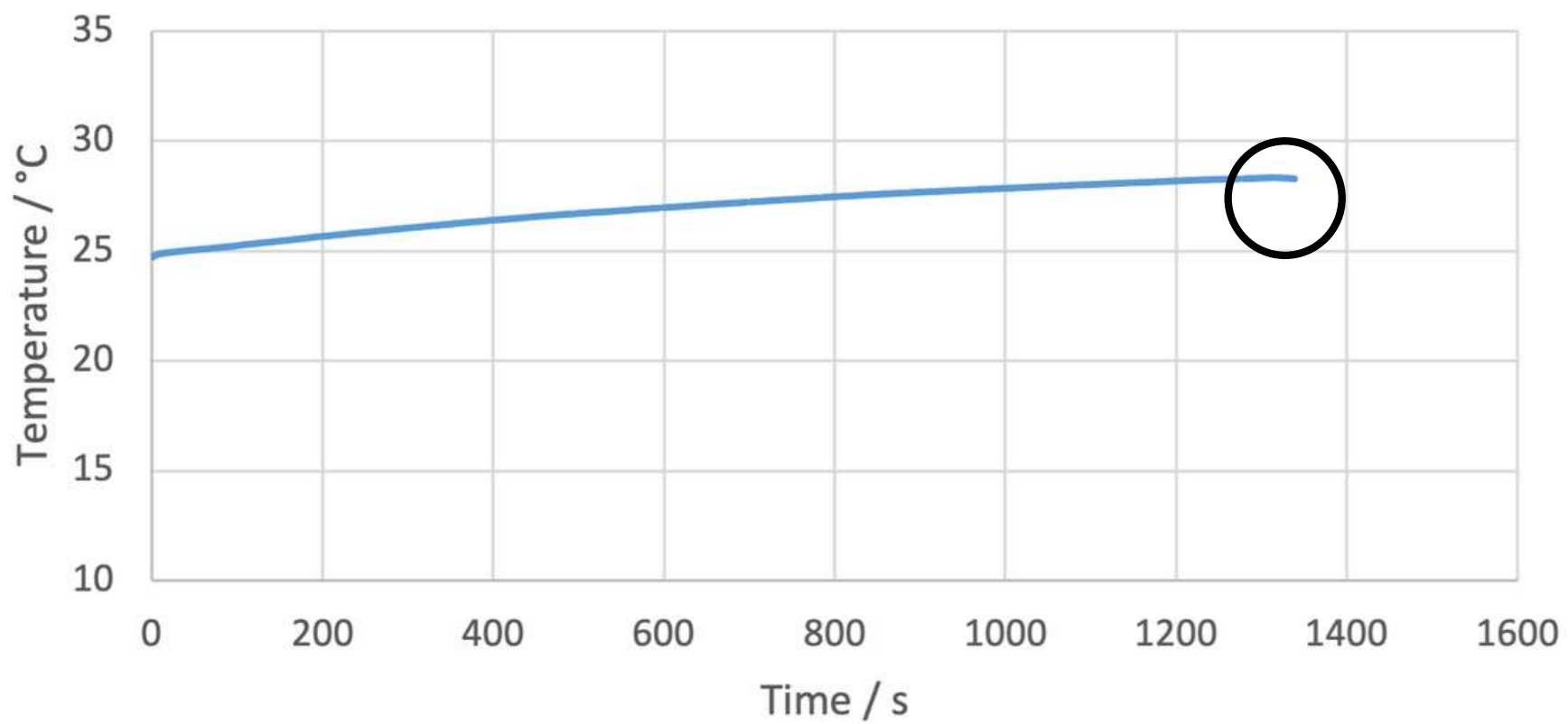


Parachute

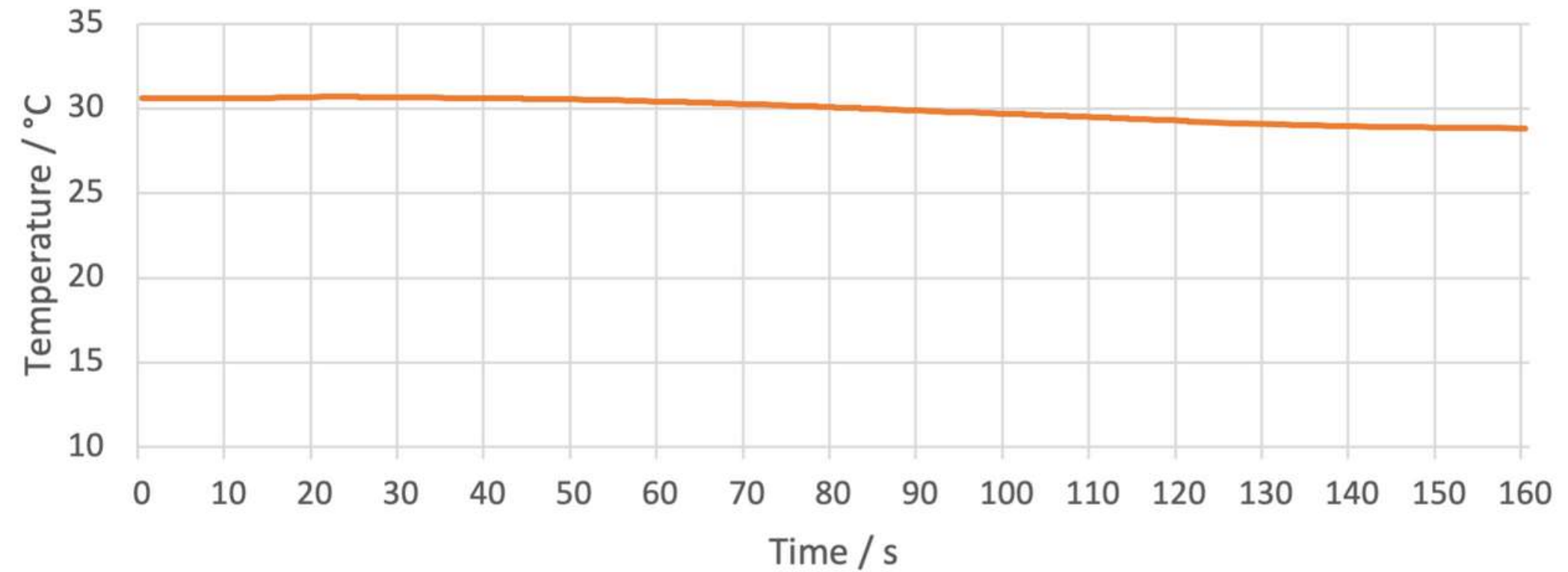
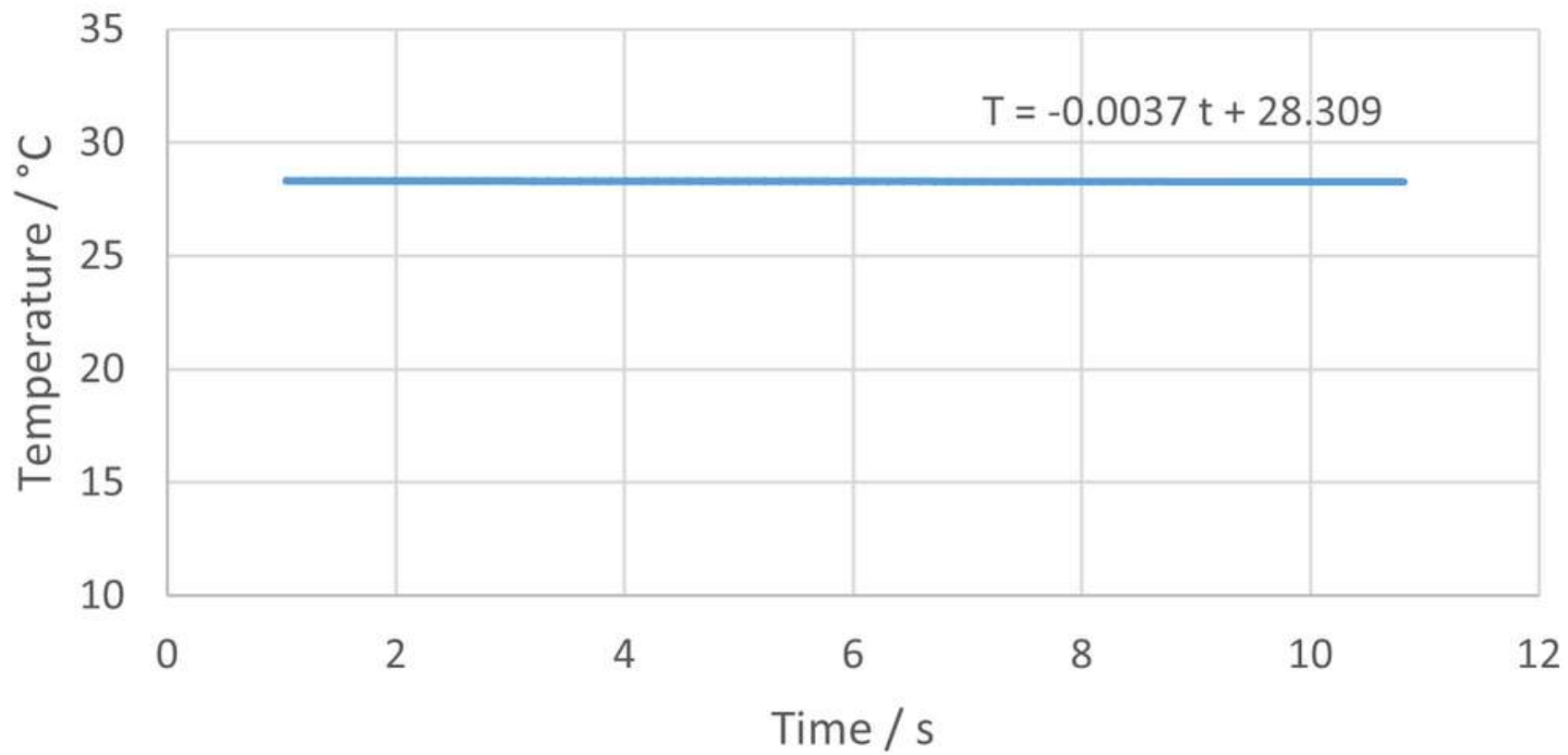


Primary mission

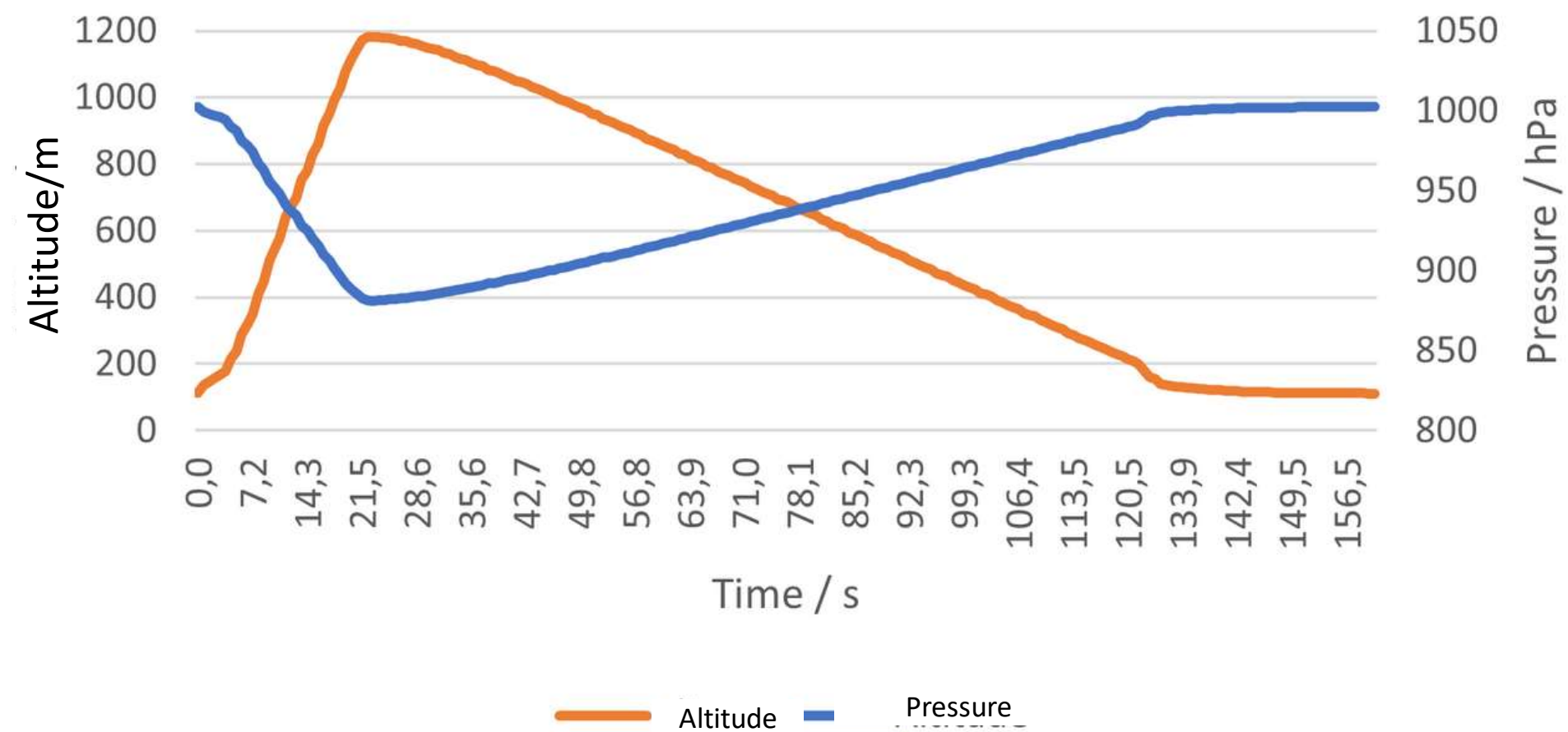
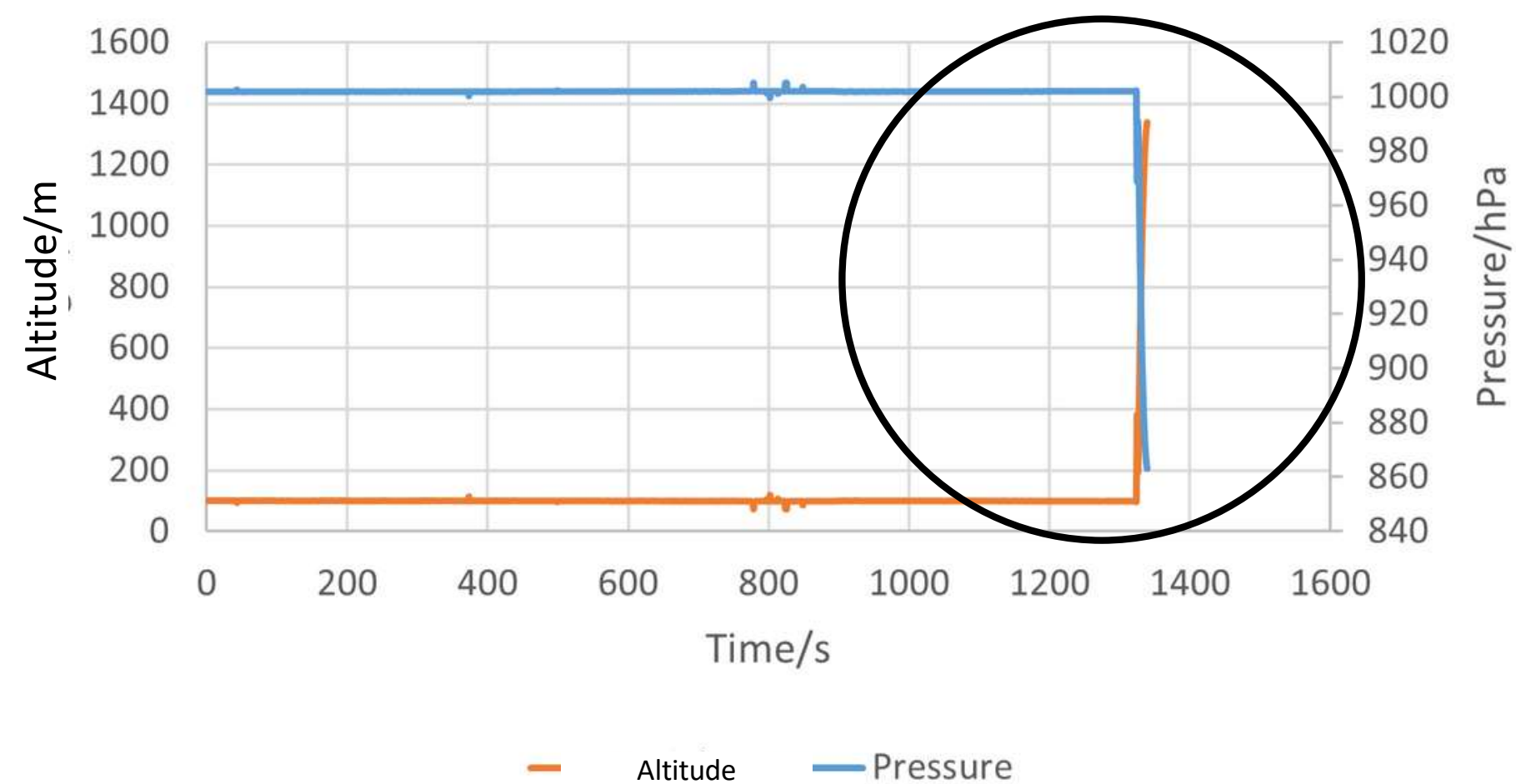
Temperature VS Time



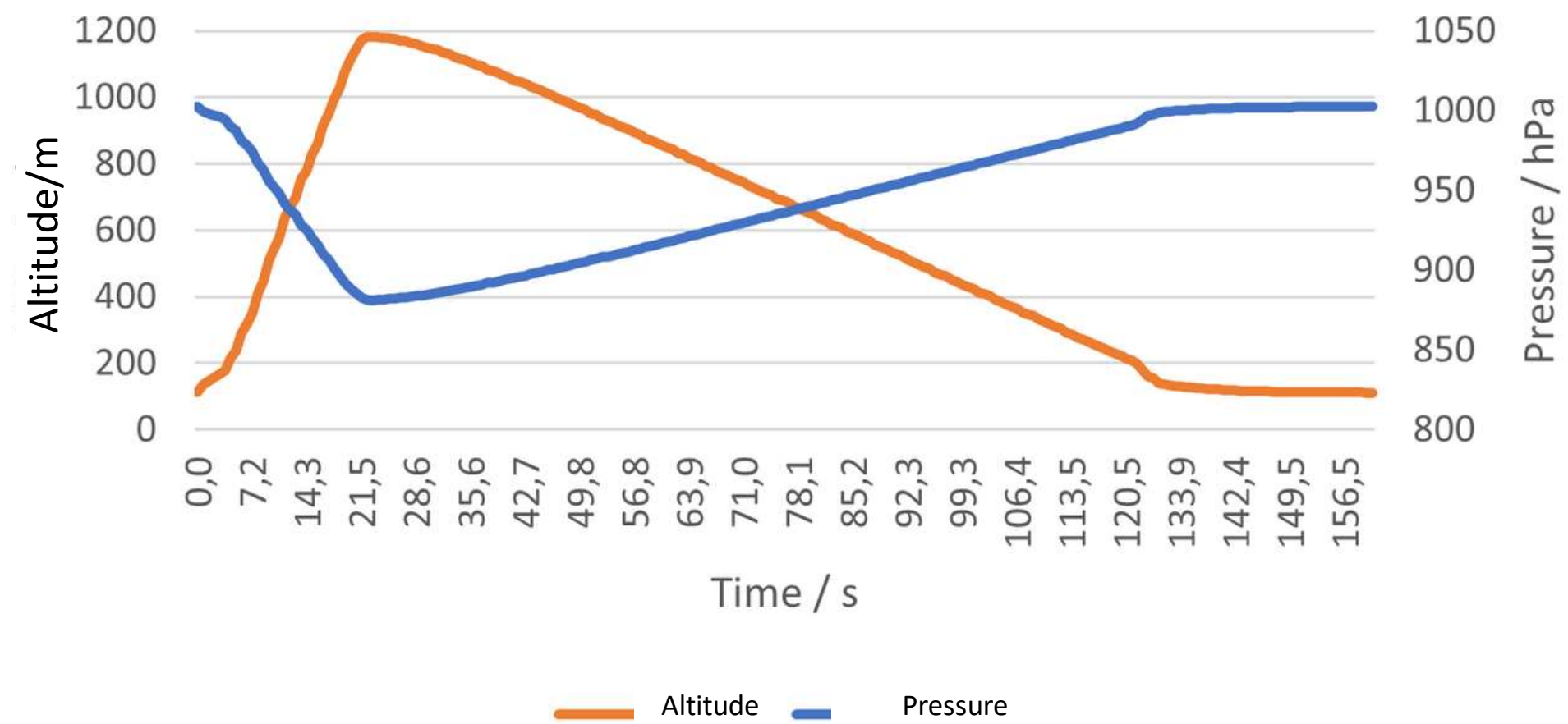
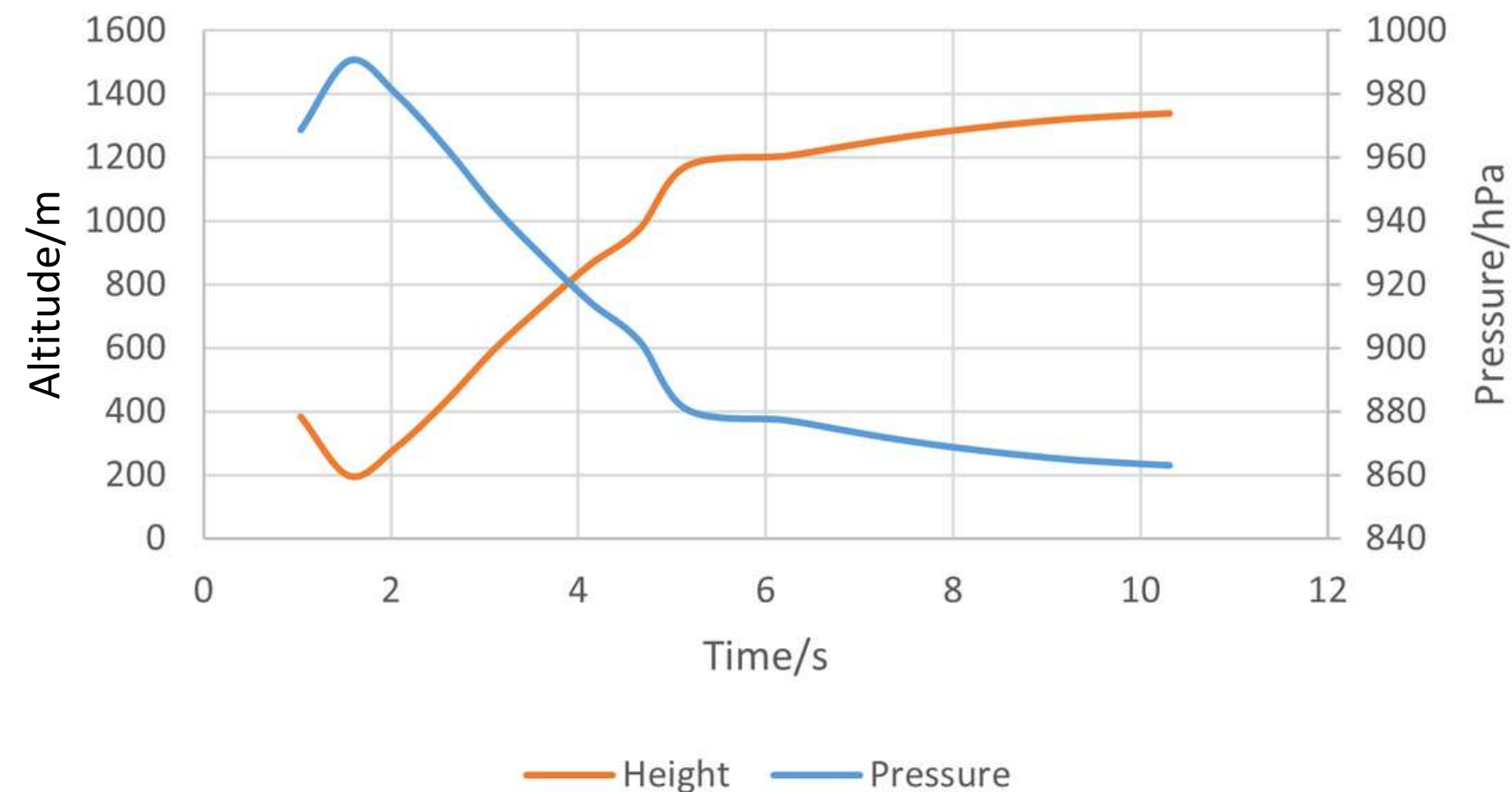
Temperature VS Time



Pressure and Altitude VS Time



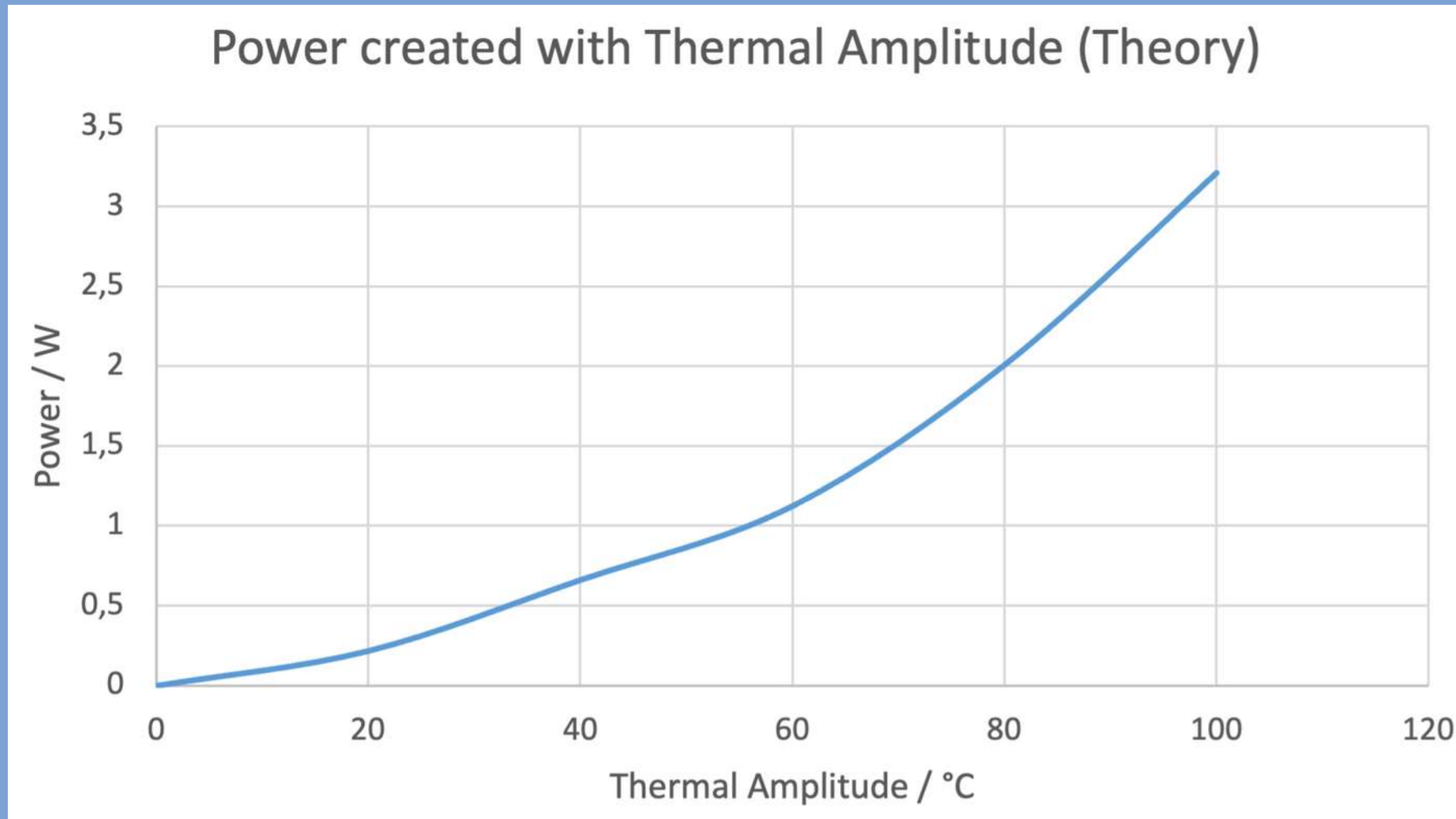
Pressure and Altitude VS Time





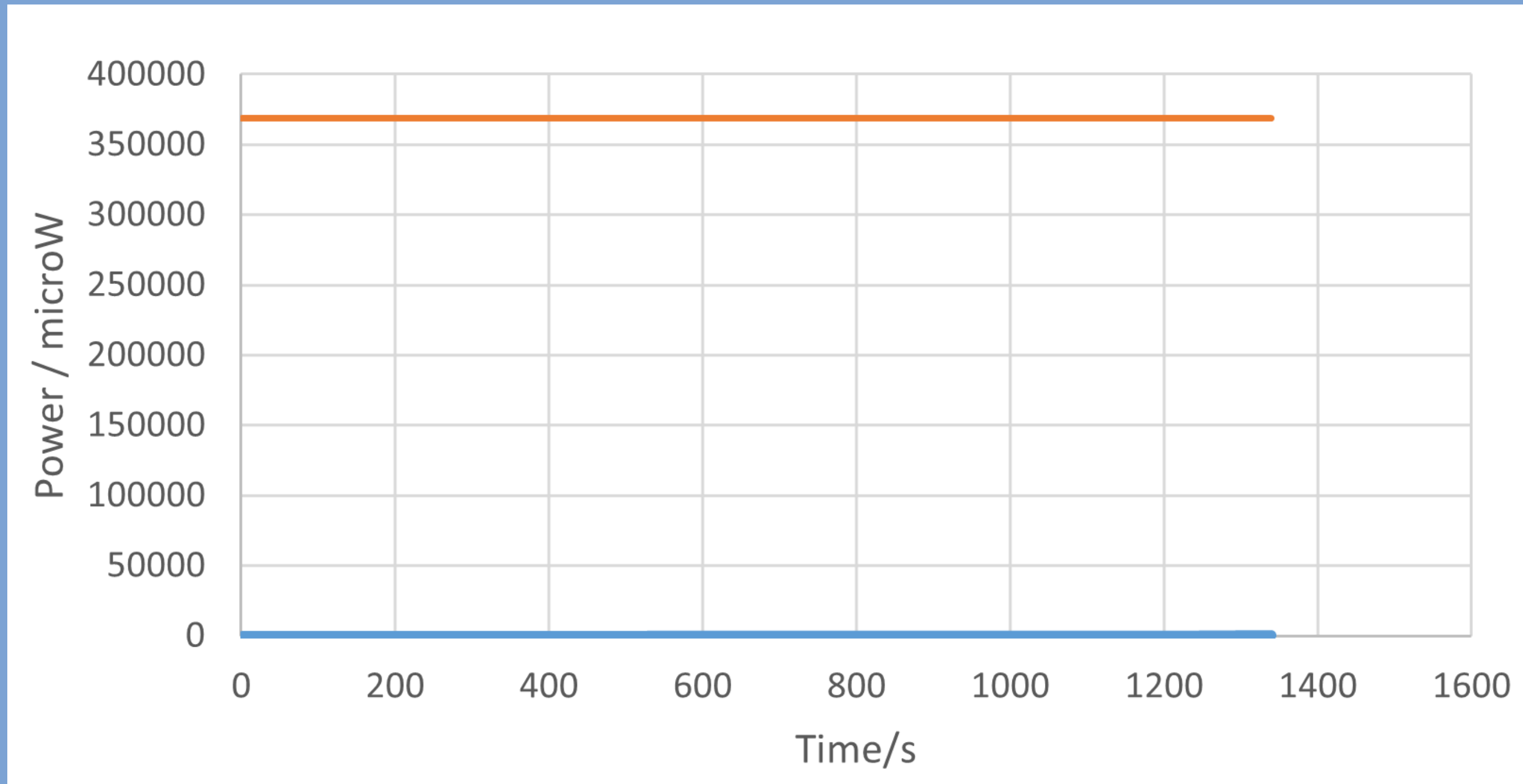
Secondary
mission

Thermoelectric generator



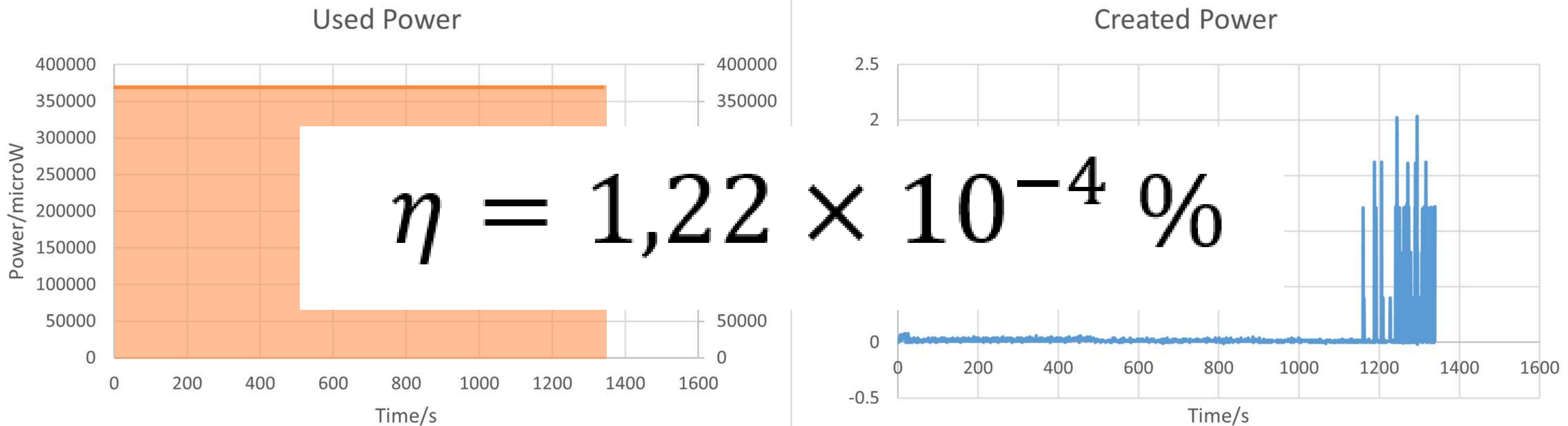
Launch
data

Used Power VS Created Power



Thermoelectric generator

Area = Energy



$$E_{used} = 5,67 \times 10^6 \mu\text{J}$$

$$E_{created} = 6,94 \mu\text{J}$$

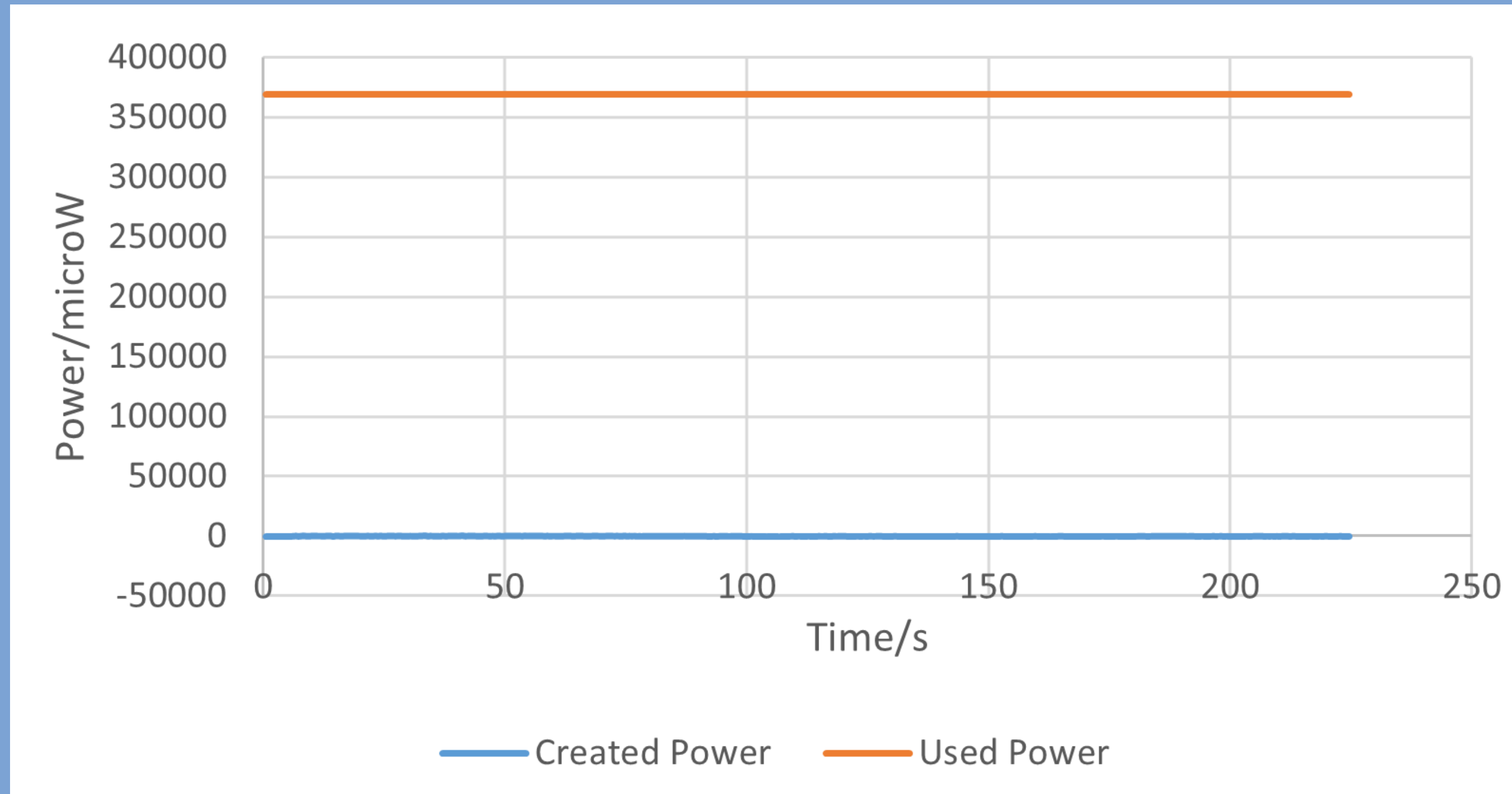
Last 15s

Land Experiment

Land Experiment

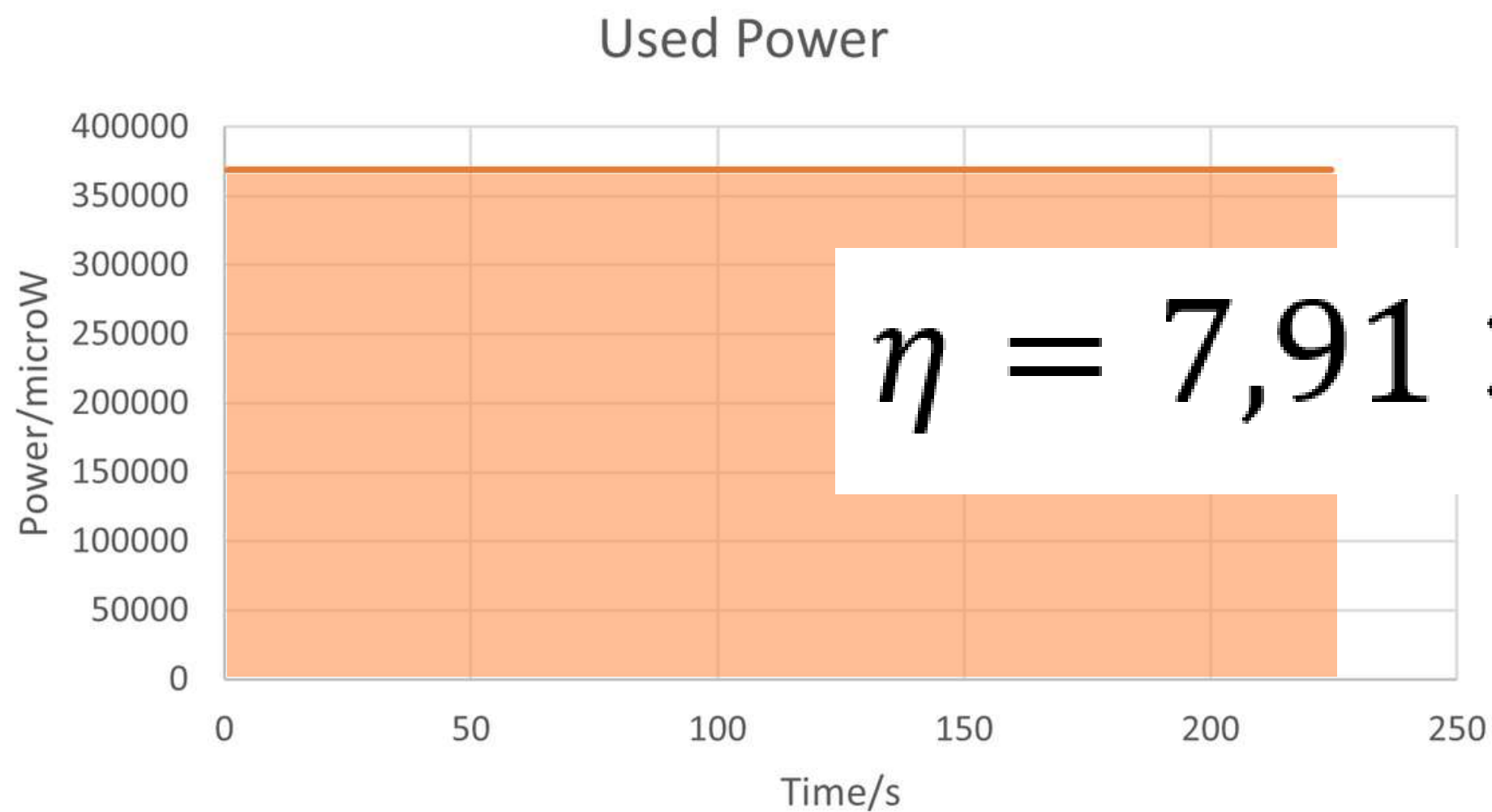


Used Power VS Created Power

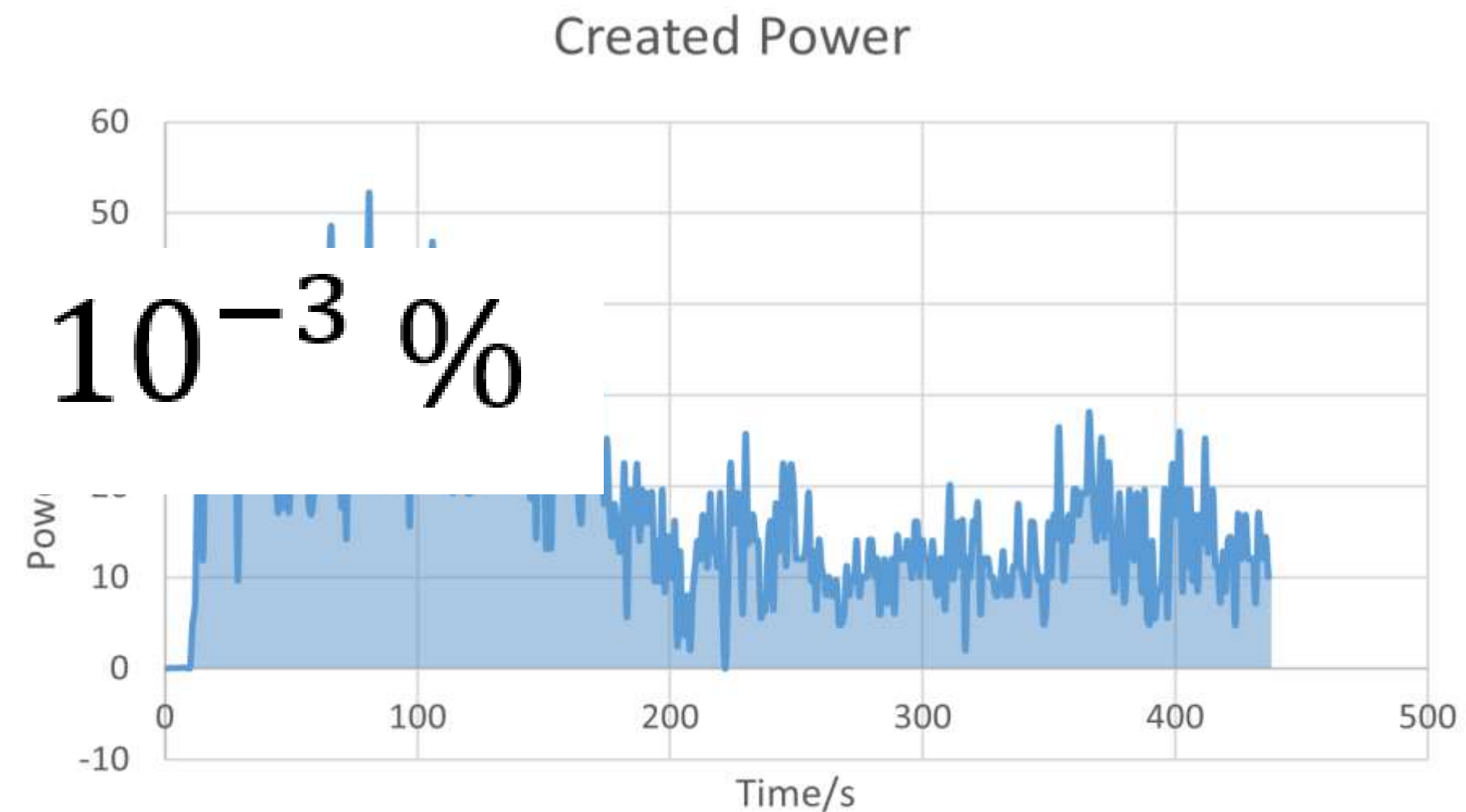


Thermoelectric generator

Area = Energy



$$\eta = 7,91 \times 10^{-3} \%$$



$$E_{used} = 5,67 \times 10^6 \mu J$$

$$E_{created} = 4,49 \times 10^2 \mu J$$



Final Conclusions



Thank you!



Instagram:
@canacork

