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CT Main Electronics Box. Development status.

Main Electronics Box (MEB) of the EUSO-SPB2 Cherenkov Telescope (CT) contains all electronic components of the CT data acquisition system . It will be mounted in a proximity to the focal plane unit to minimize cable length. Design status of all MEB components will be presented. Parameters of the designed High Voltage Power Supply (HVPS) and thermal constraints will be described. Possible ways to mitigate elevated power dissipation and to achieve optimal performance of the CT working at intense levels of the Night Sky Background will be presented.

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