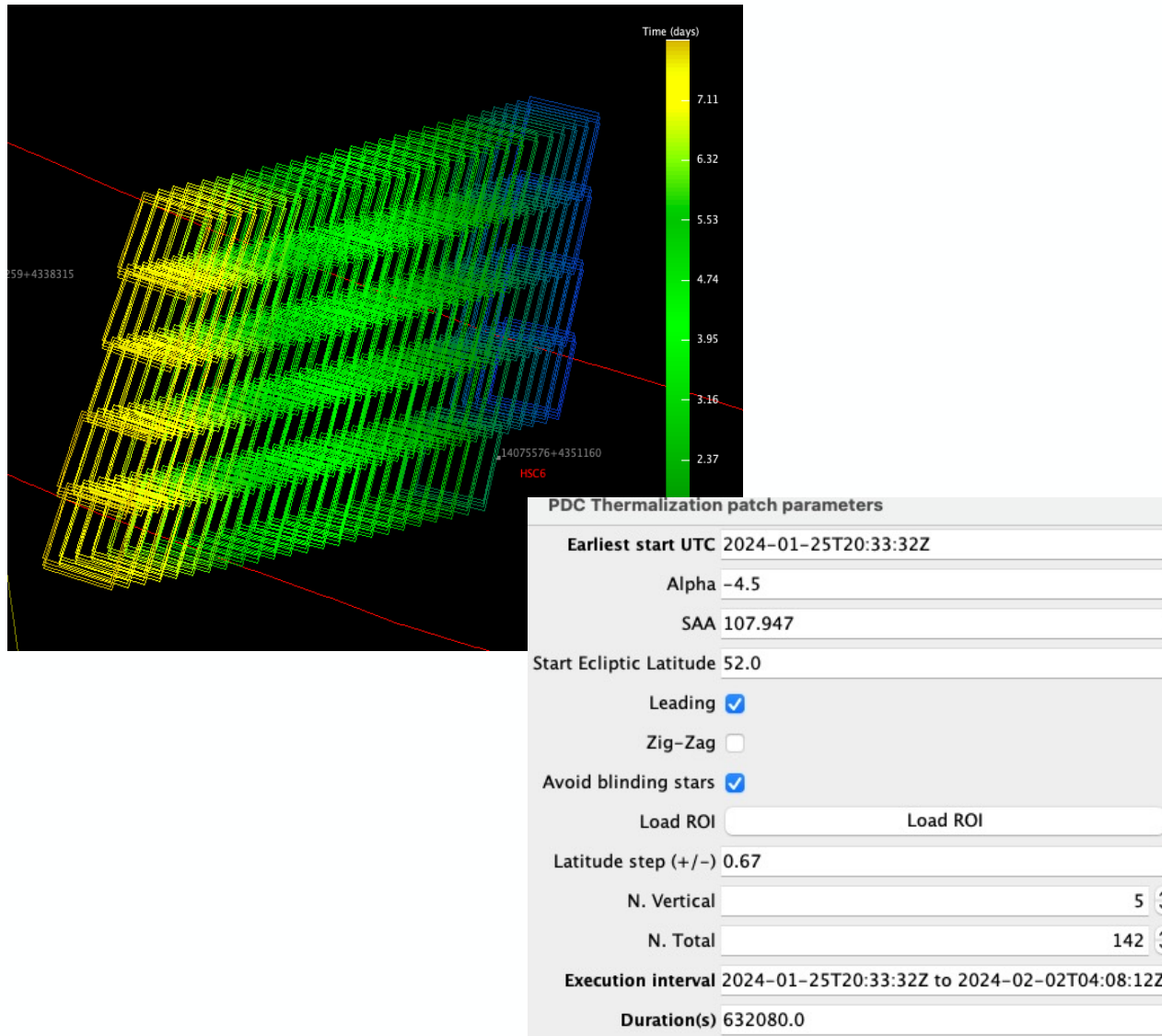


SOC planning tool (ESS) updates for tuning science patches



- ESS PDCC patch tool allows to create raster type science observations fully compliant with calibration and operational constraints
- Patches sequencing ROS type observations in a way that AA/SAA stays constant.
- Different strategies to create deep coverages
- During PDCC operations additional features were added:
 - Bright star avoidance
 - Tilted patch geometry
 - Support for scheduler applying shifts/cuts in the program