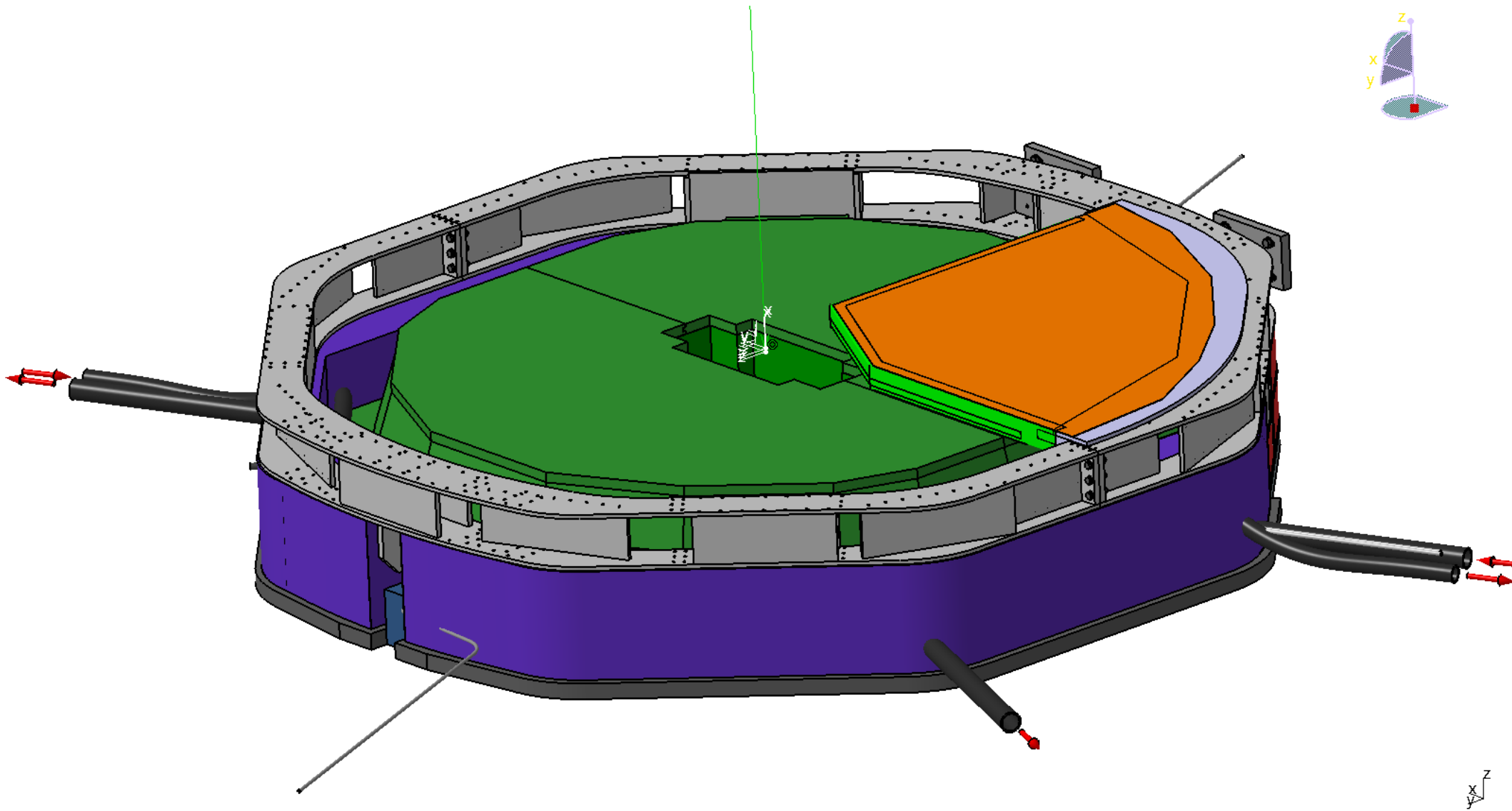
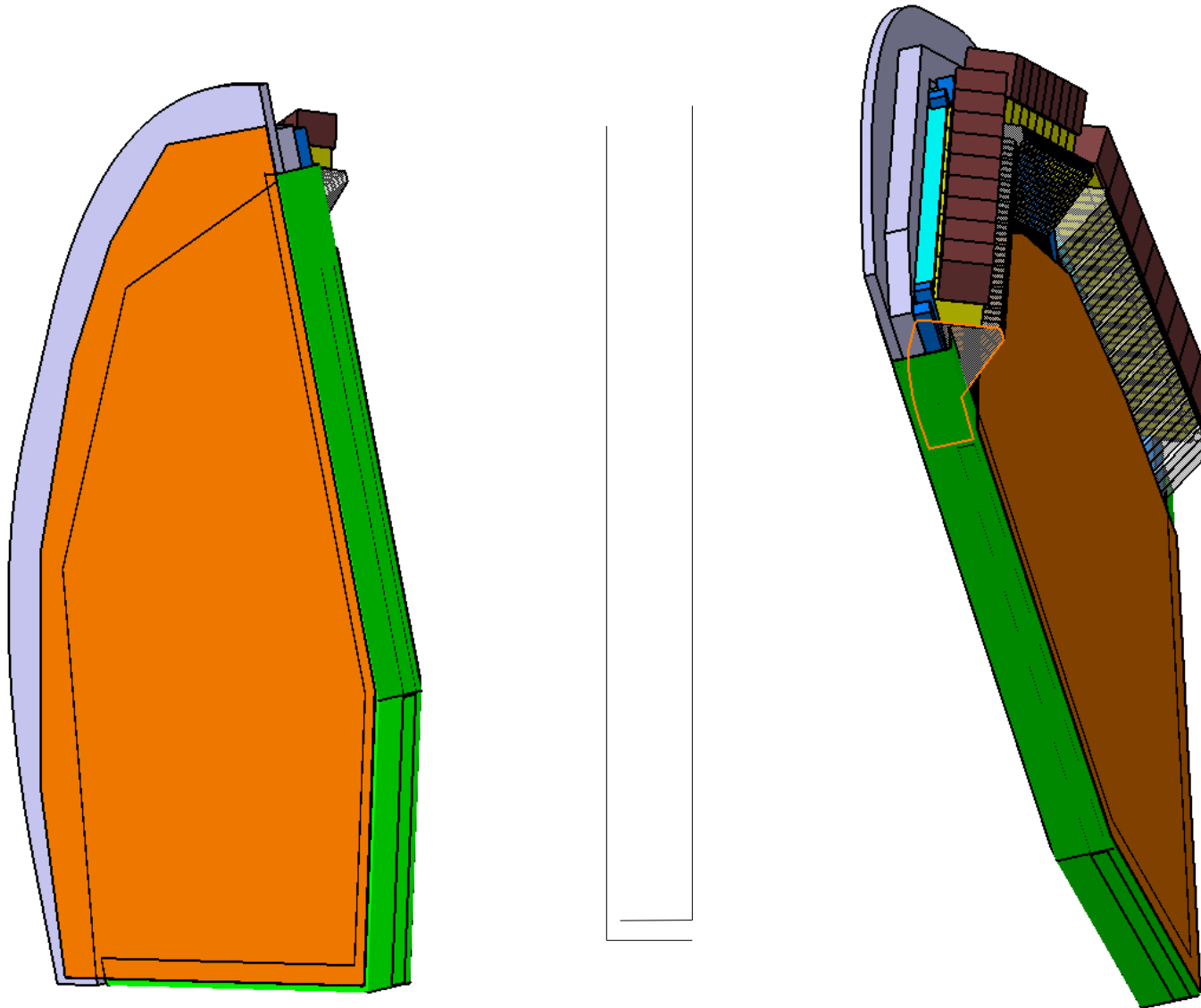
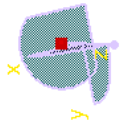


Mechanical Design
-
discussing current status

Klaus Föhl
(&CAD engineer Thomas Wasem)
Gießen University

PANDA-PID-meeting 27-February-2012
at GSI

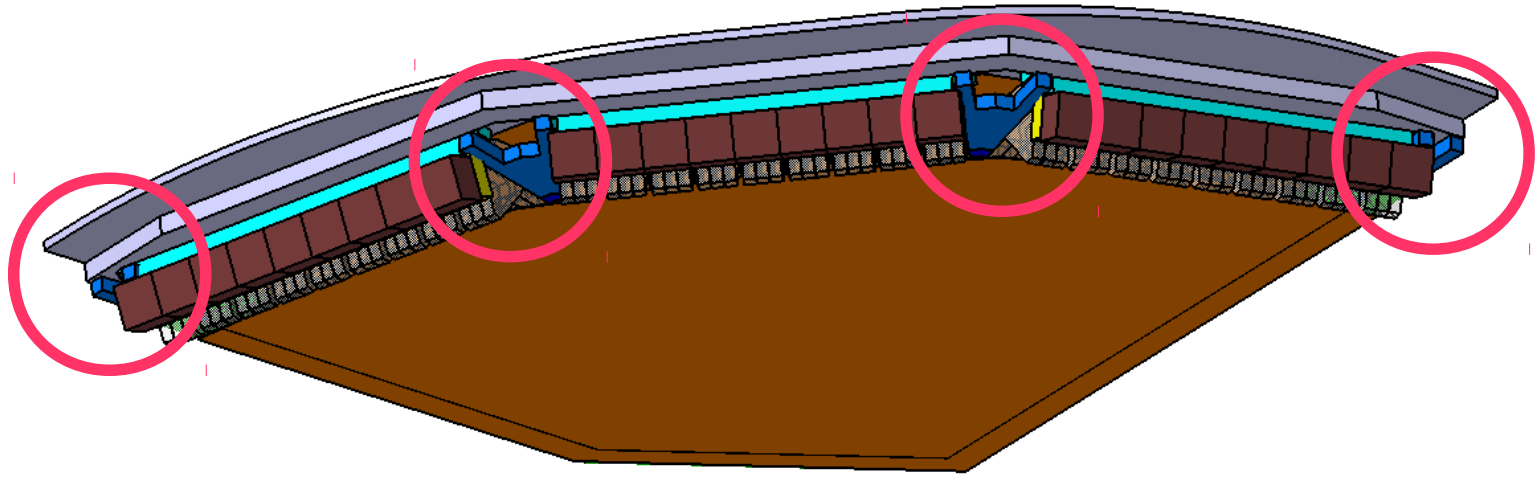


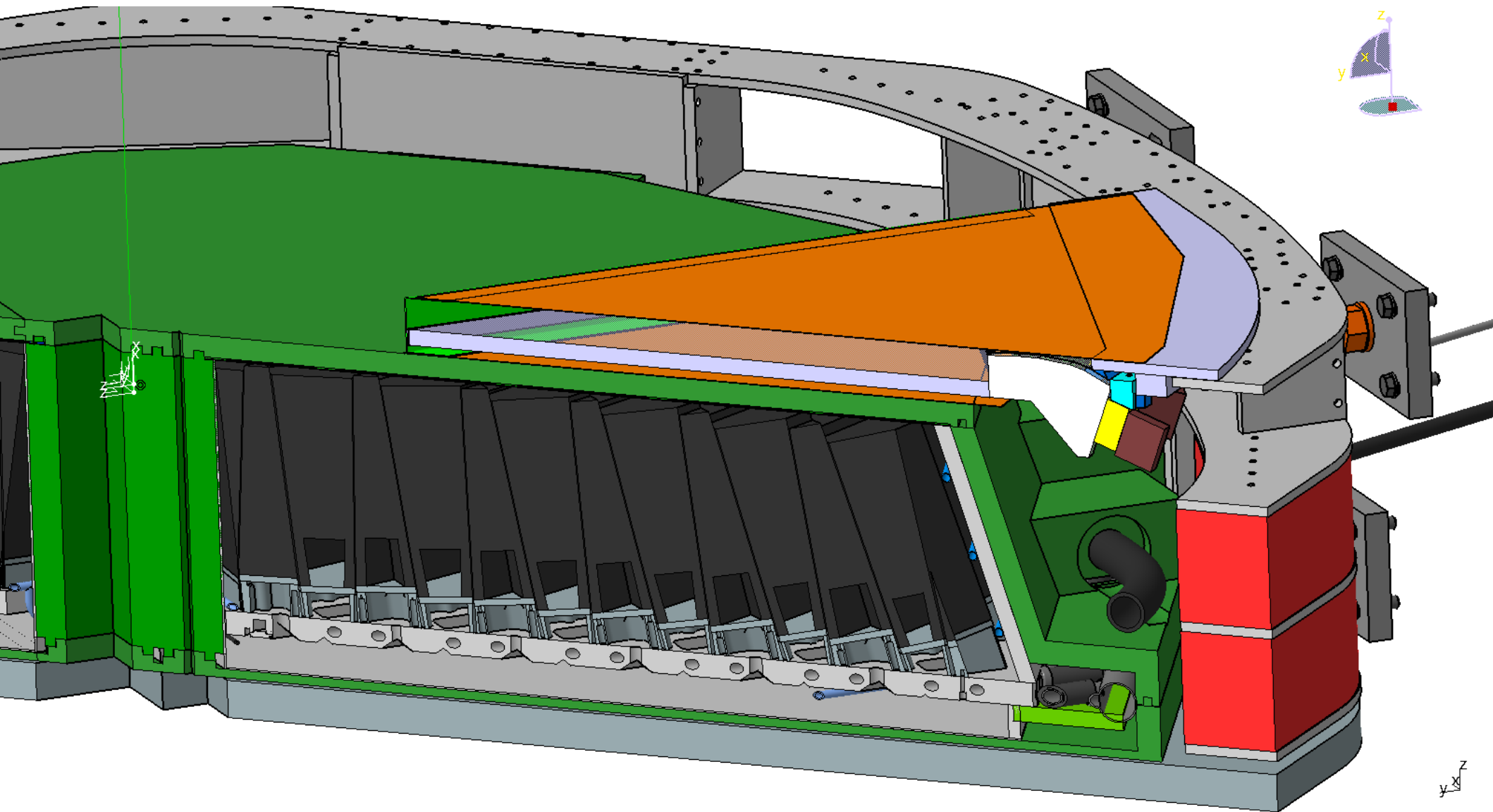


creasing aluminium covers, 0.5mm to mm Al sheet thickness supporting radiator discs in the two upper quadrants

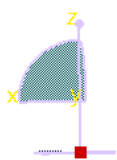
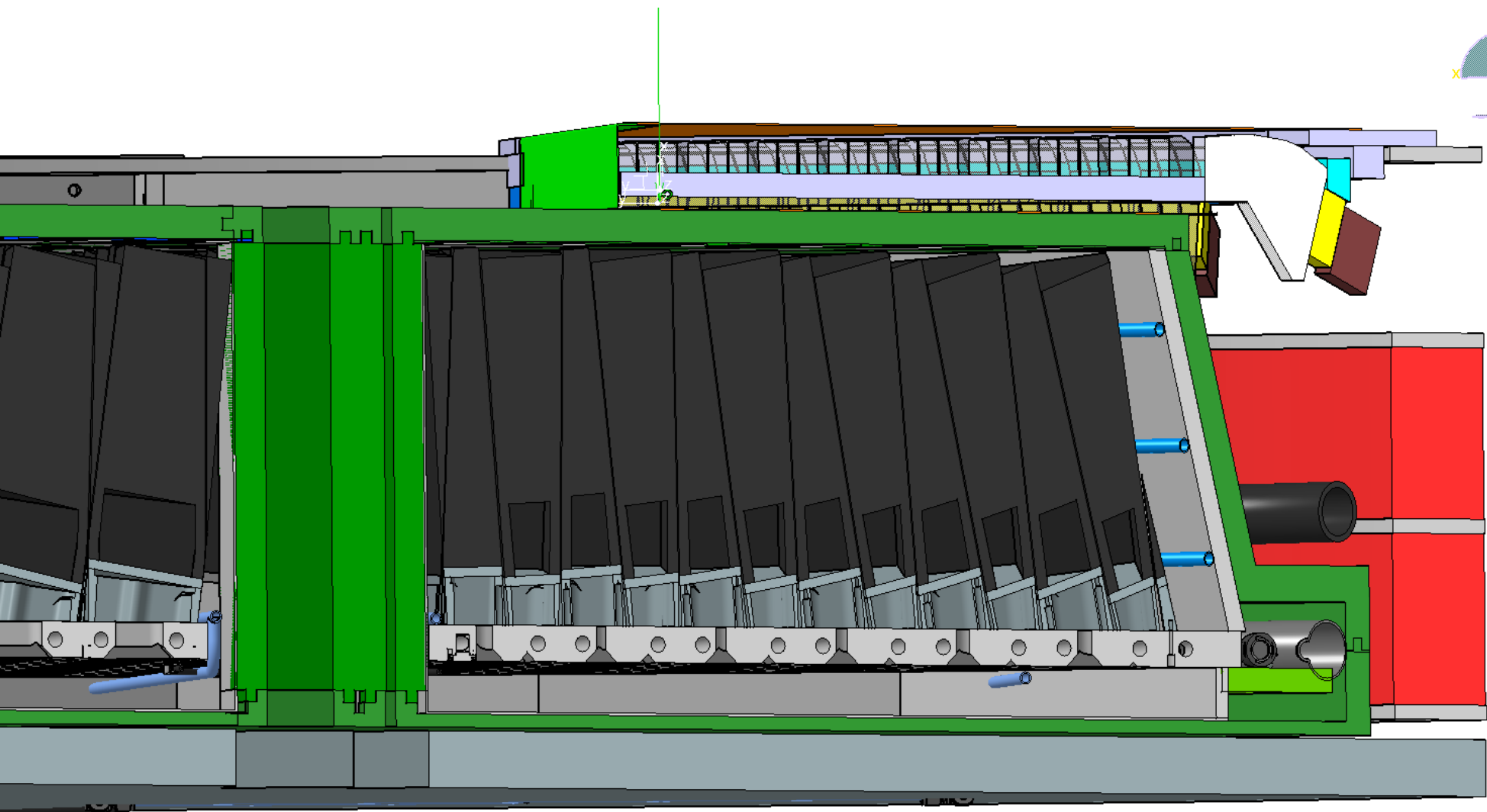


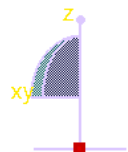
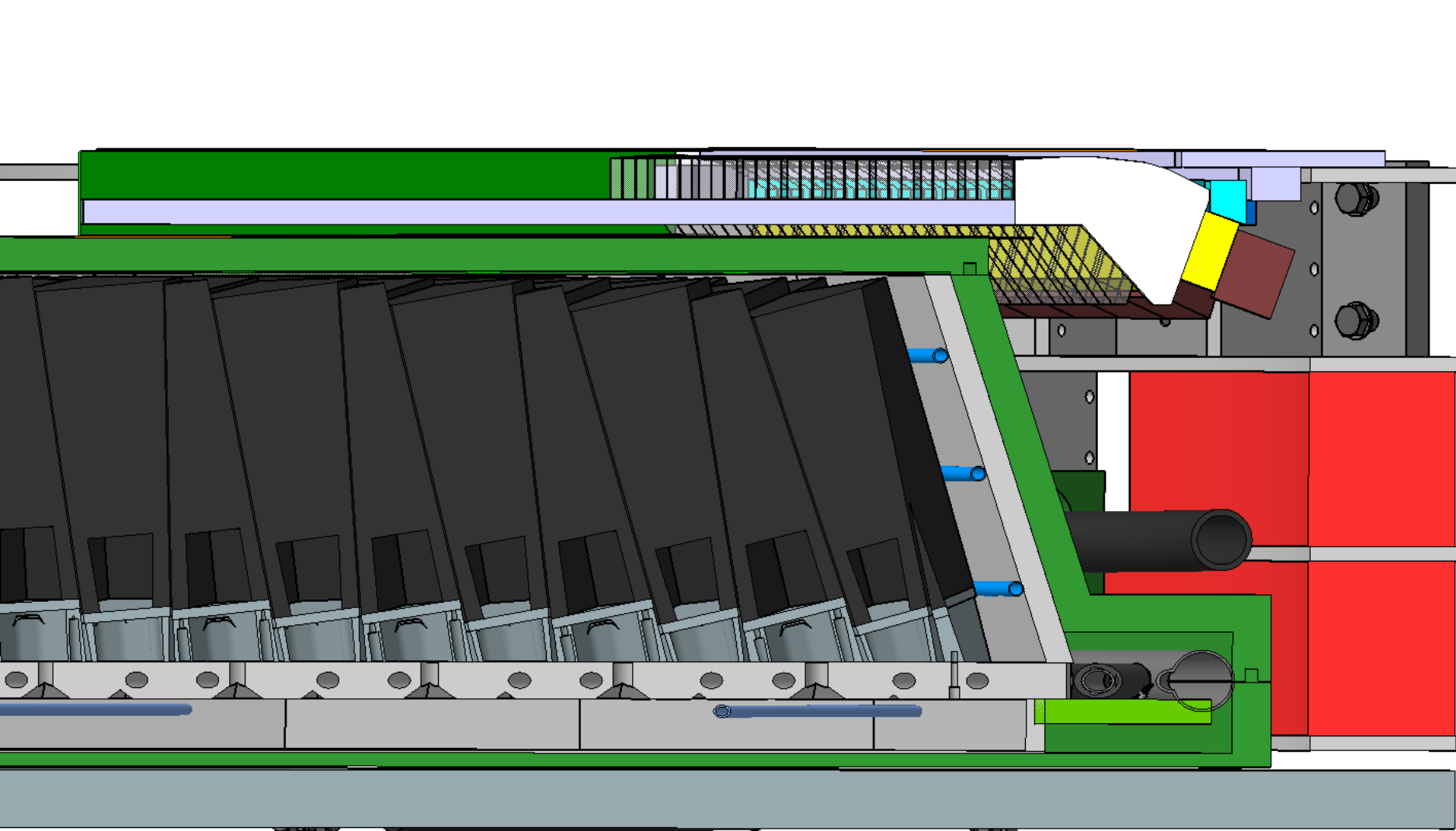
possible supports for lower two quadrants

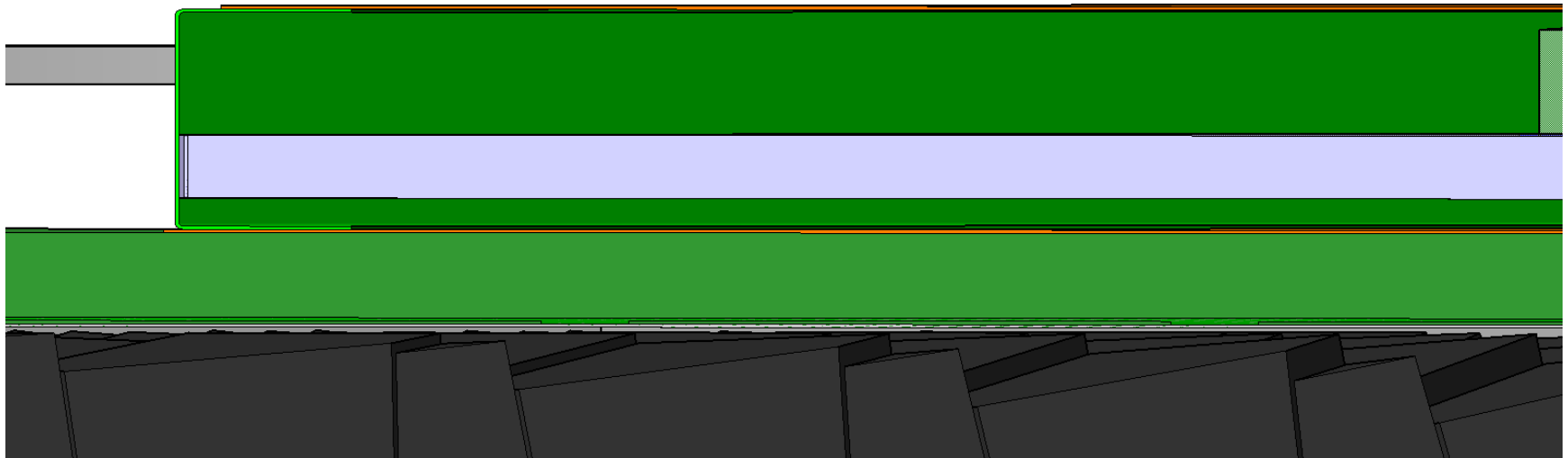
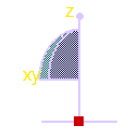
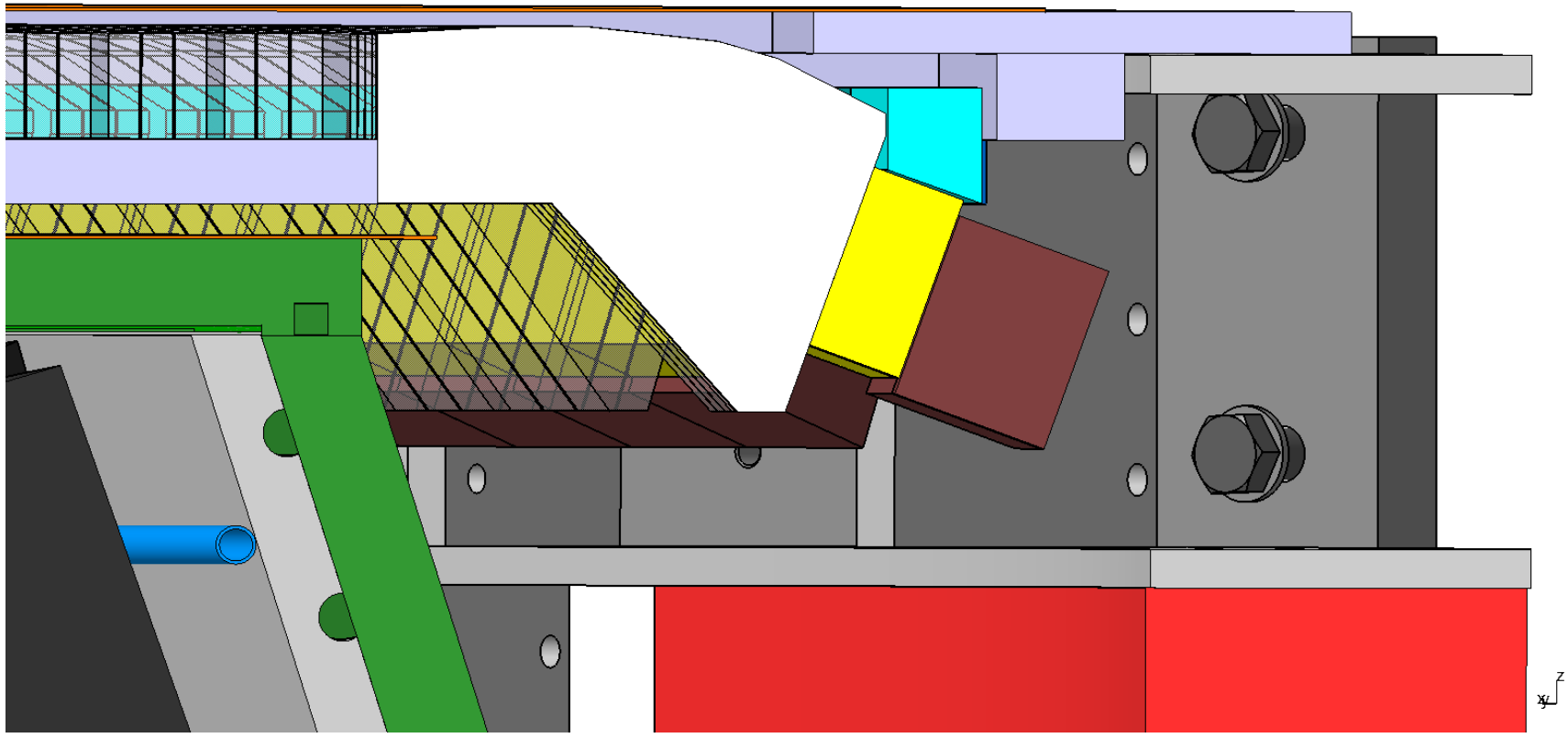
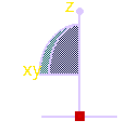




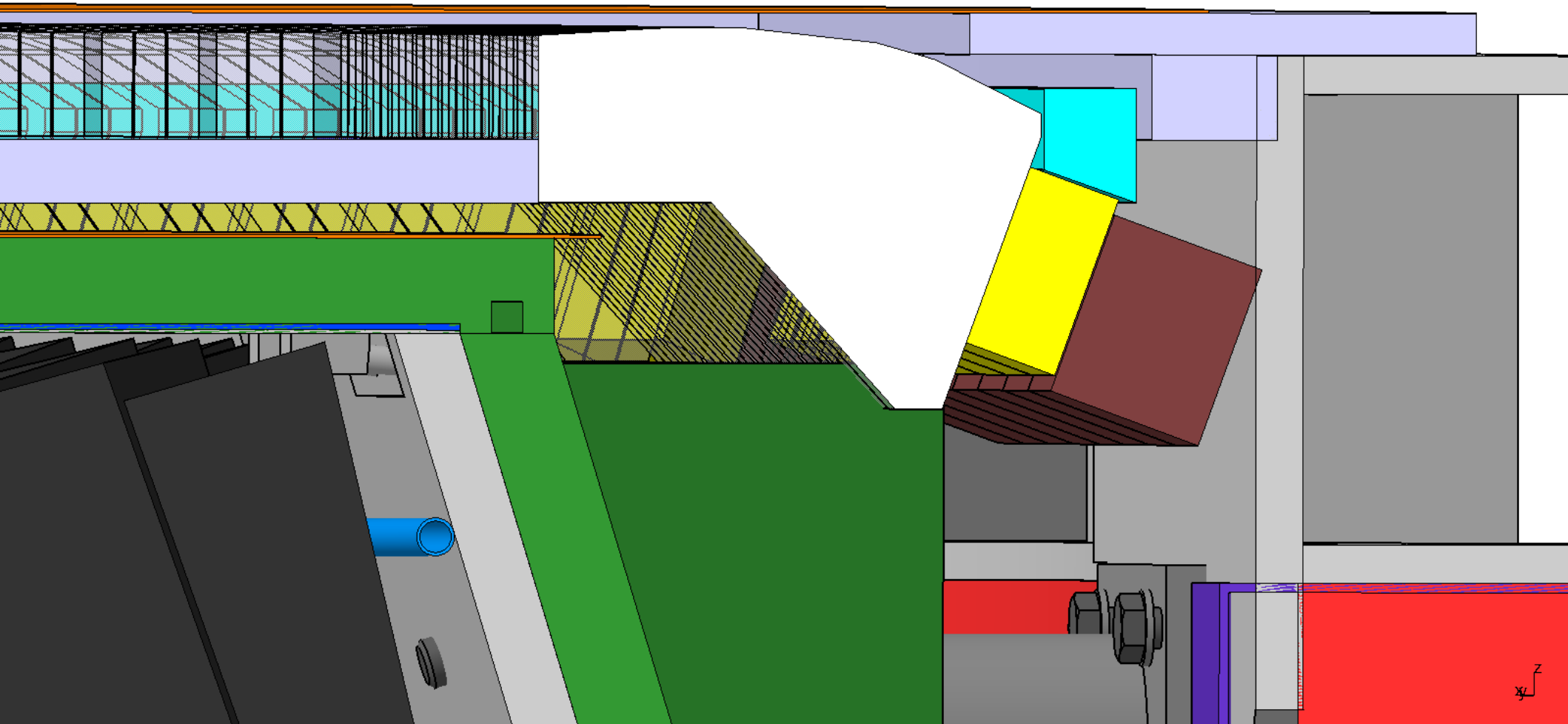
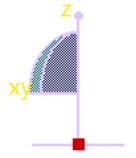
leave space for flushing gas circulation



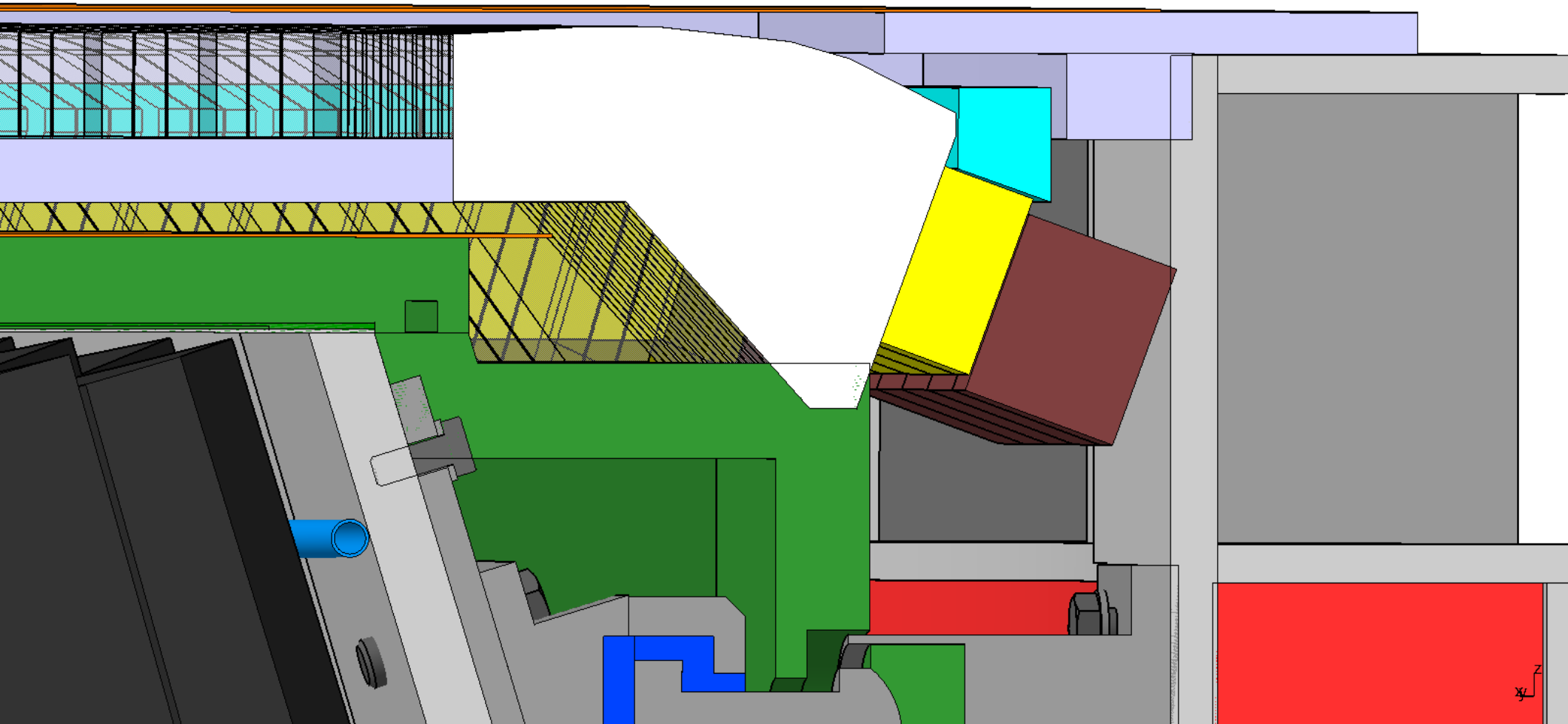
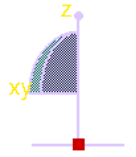




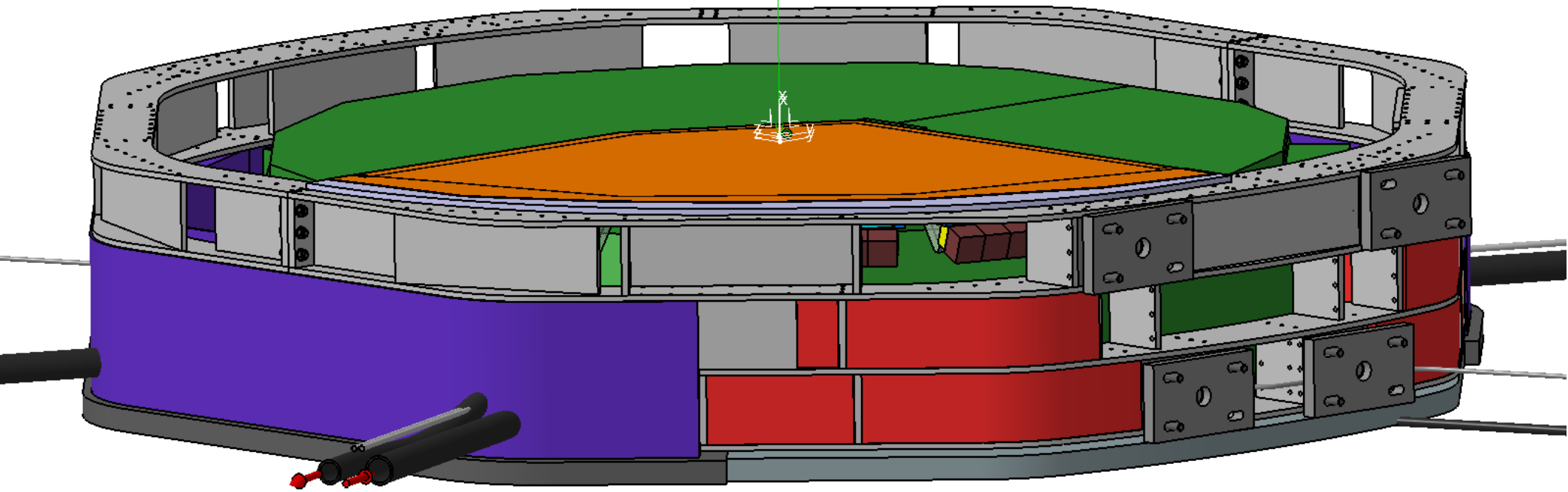
Volume conflict 1



Volume conflict 2



EMC insulation could be placed more closely to support arm



- circular support plate attaching to EMC frame
 - apparently enough space upstream of grey frame (TBC)
- creased aluminium sheet forming pocket
- aluminium sheet pocket supporting radiator
 - also providing light-tight cover and gas-tight volume
- electronics volumes undercut grey EMC frame
- cabling routes to be specified (through vs around)

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