



# Views – Mechanical properties – Payload locations/distribution

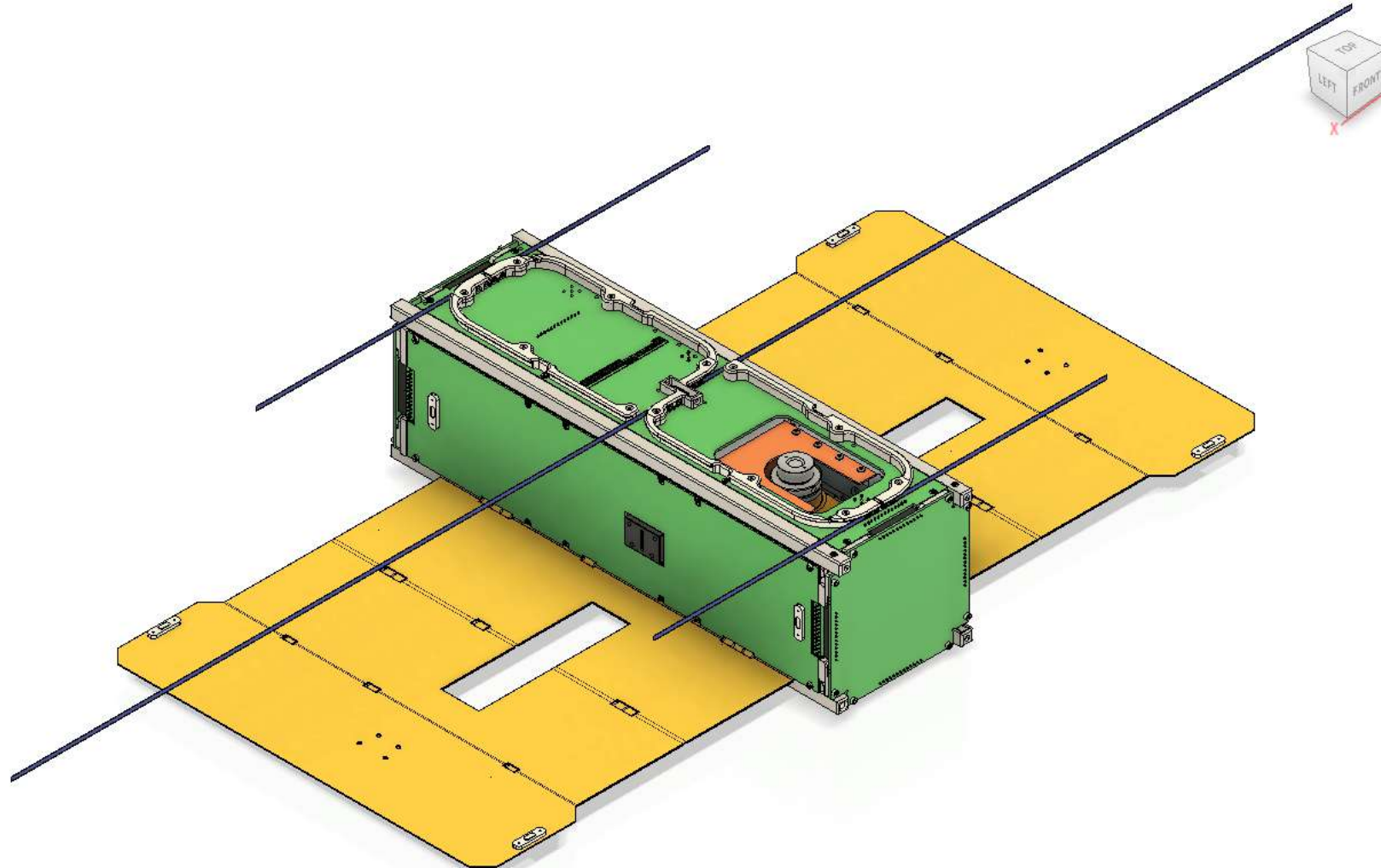
2025/07/17

# Satellite properties

| Specification                                                   | Information                                                         |
|-----------------------------------------------------------------|---------------------------------------------------------------------|
| <b>STRUCTURE Dimensions</b><br><b>Overall Stowed Dimensions</b> | <b>100mm x 100mm x 340.5mm</b><br><b>110.4mm x 112mm x 341.5 mm</b> |
| <b>Total weight</b>                                             | <b>3.94 kg</b>                                                      |
| <b>Structure Material</b>                                       | <b>Aluminum 6061 T6 (Hardcoat Anodized)</b>                         |
| <b>PCBs Material</b>                                            | <b>FR4</b>                                                          |

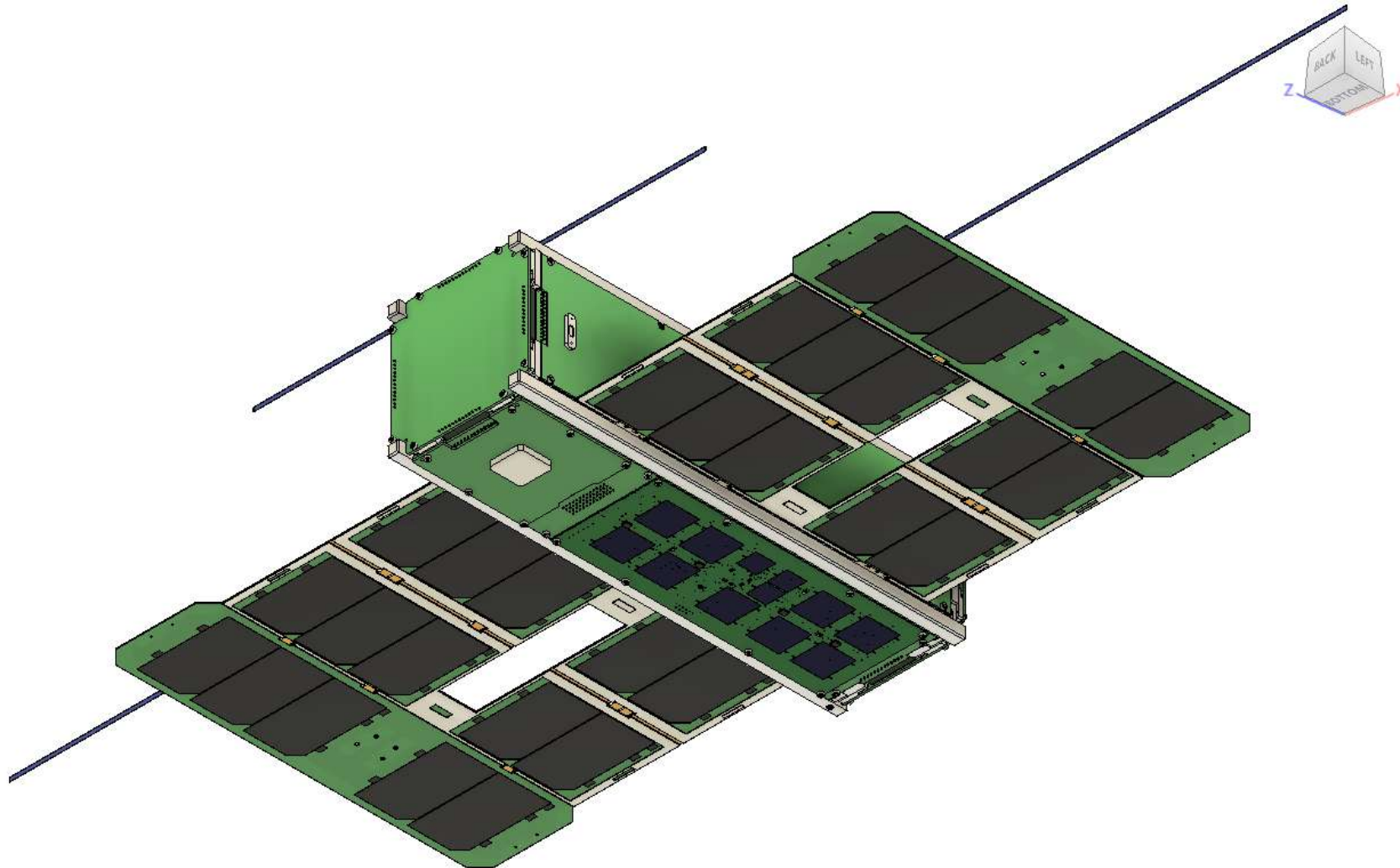


# Isometric view (deployed configuration)

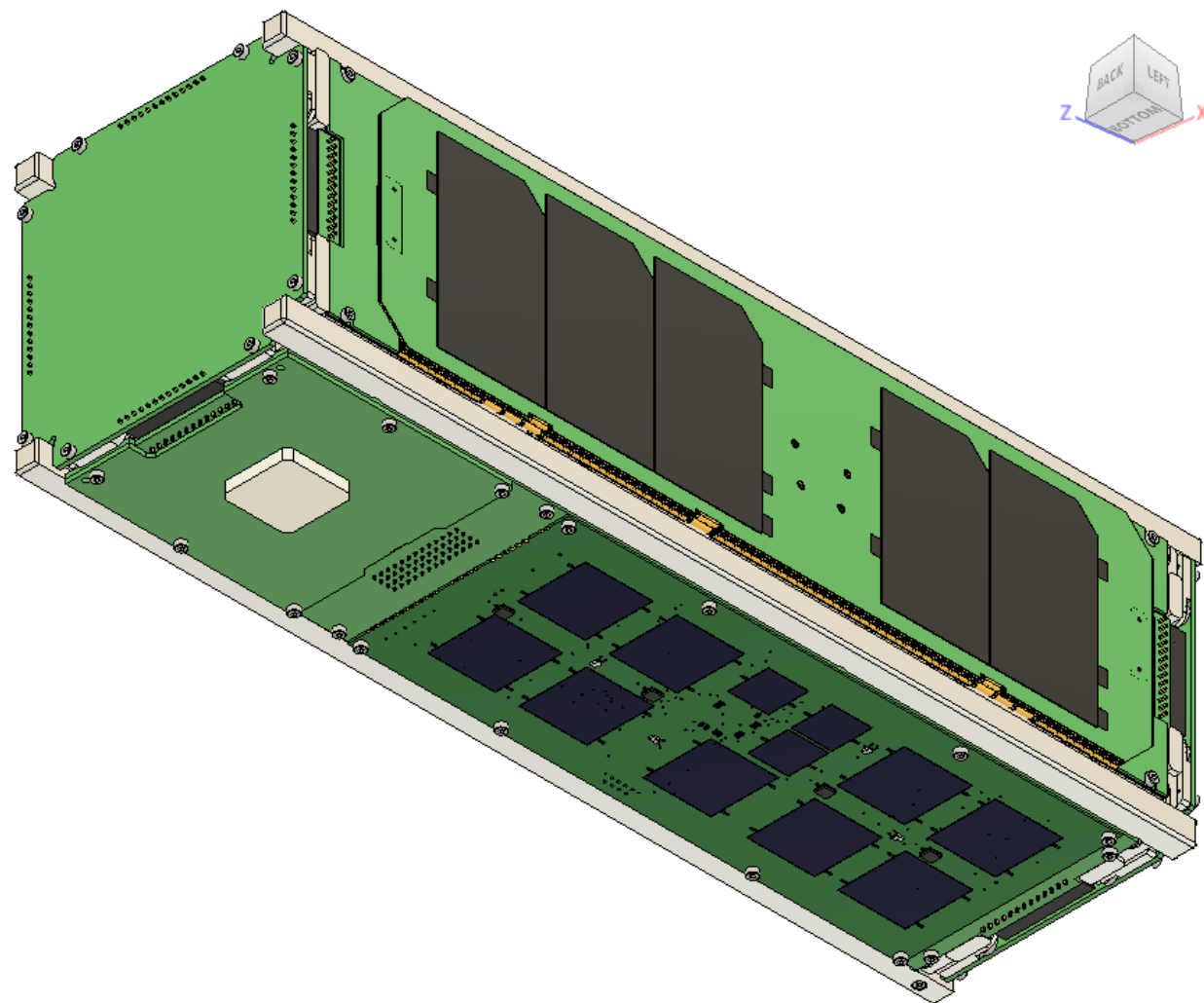
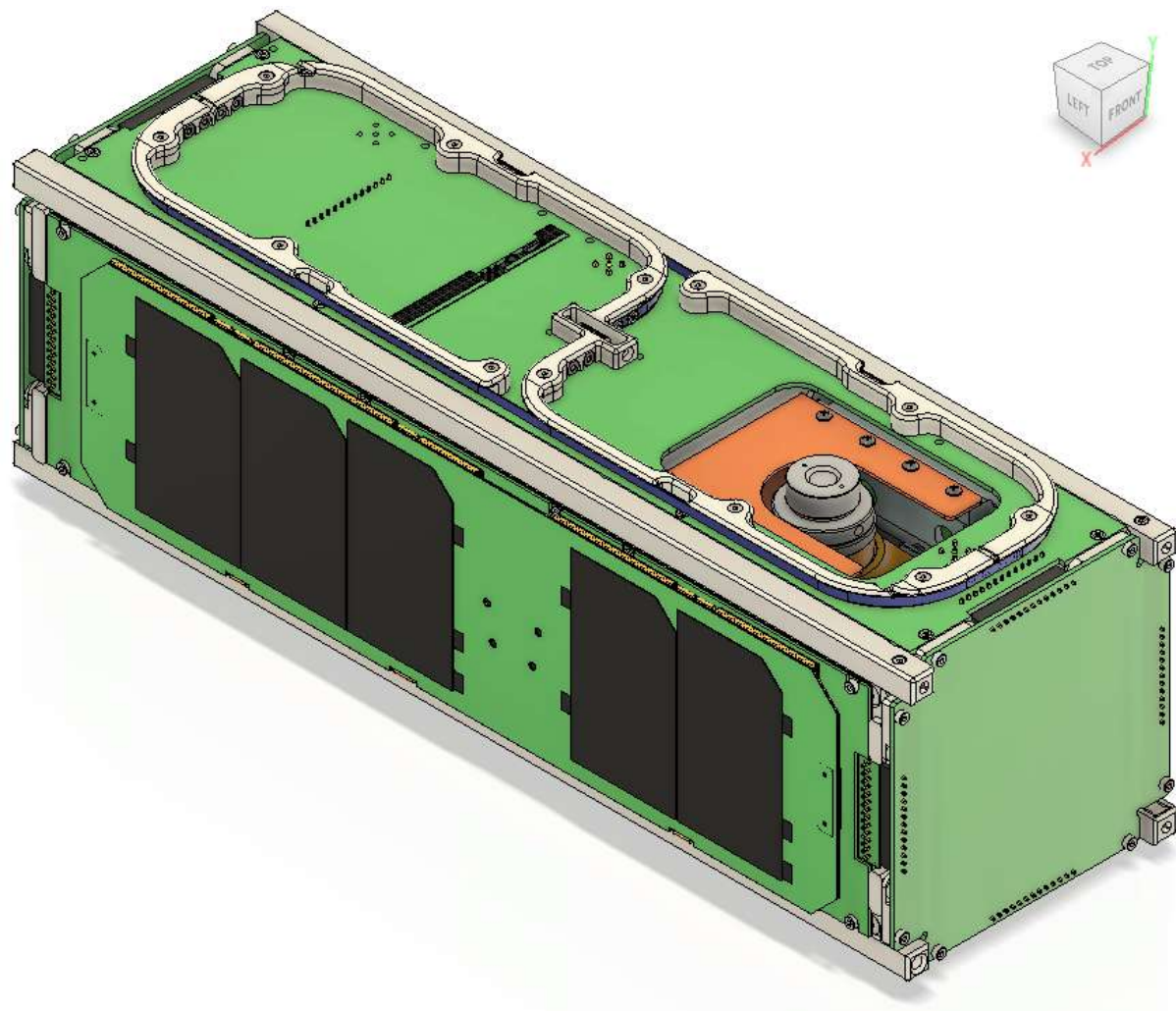




# Isometric view (deployed configuration)

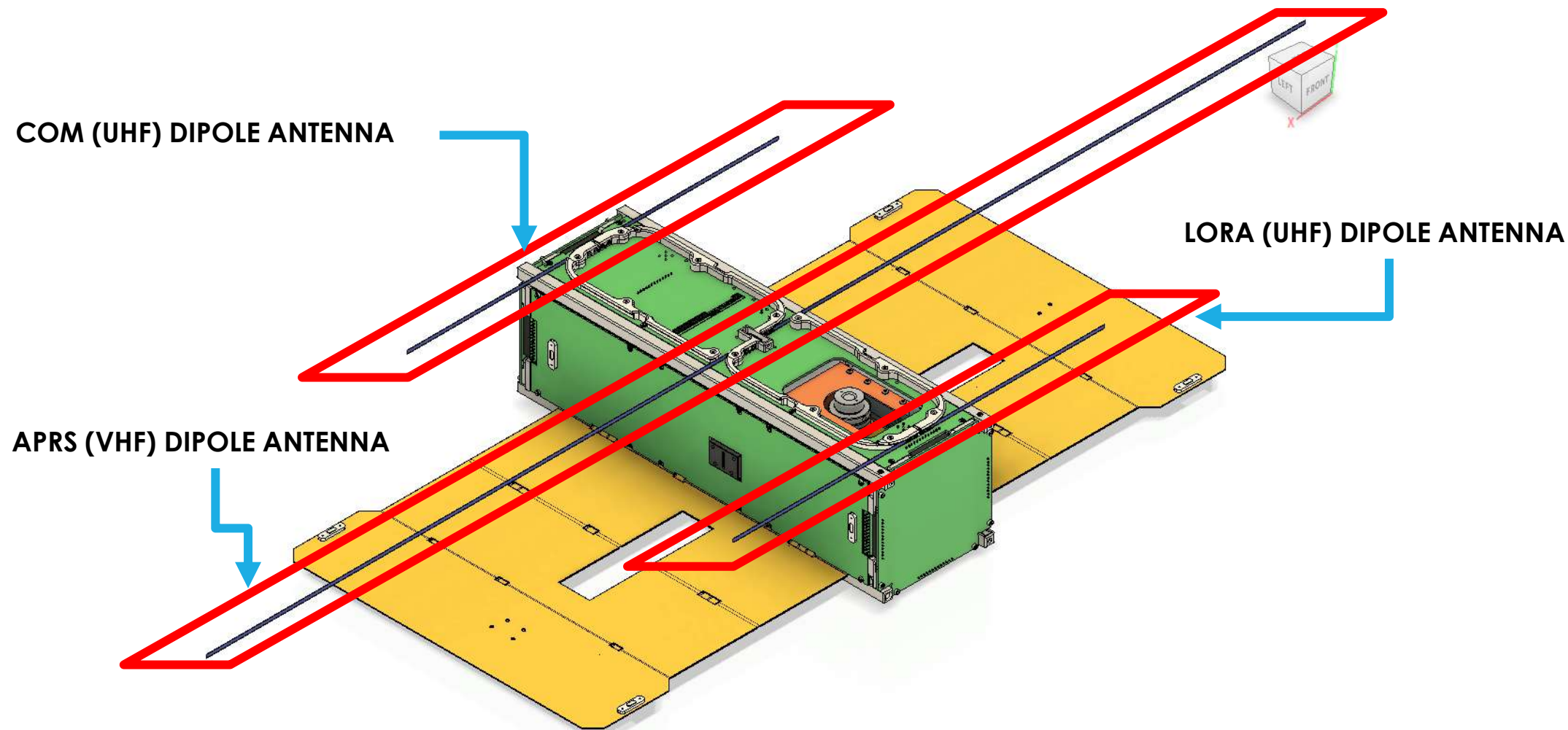


# Isometric view (stowed configuration)



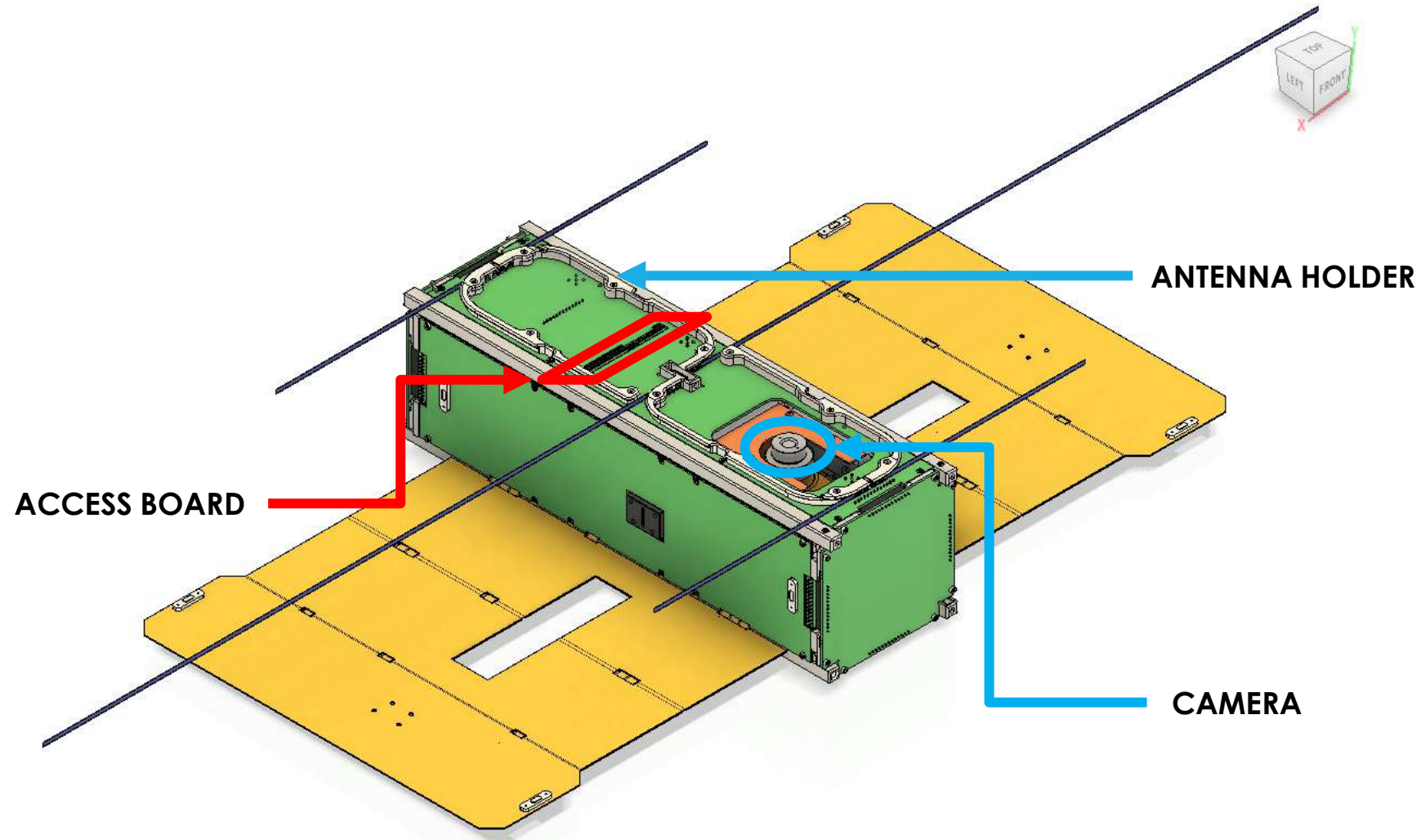


# Dipole Antennas locations



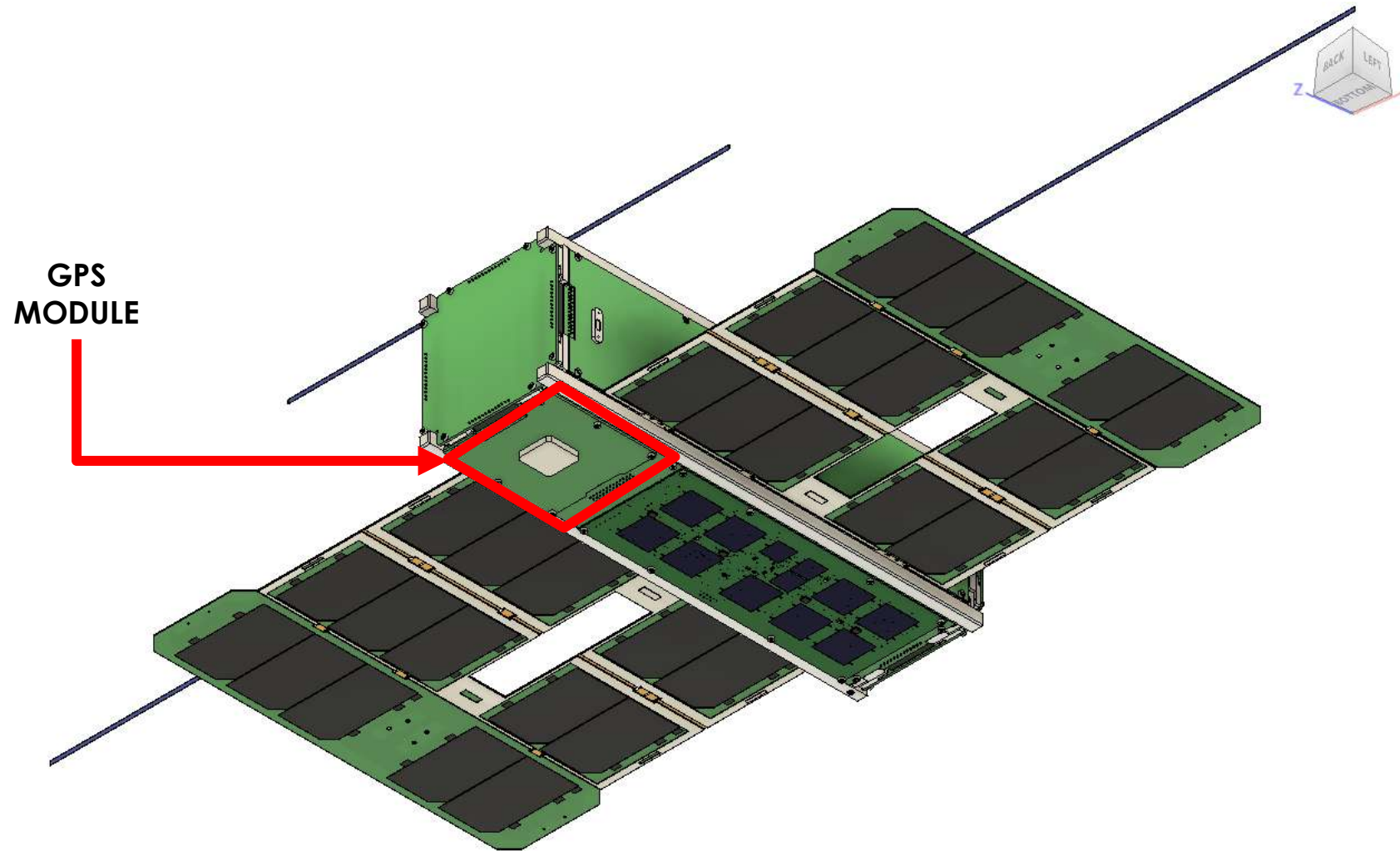


# External Components Distribution



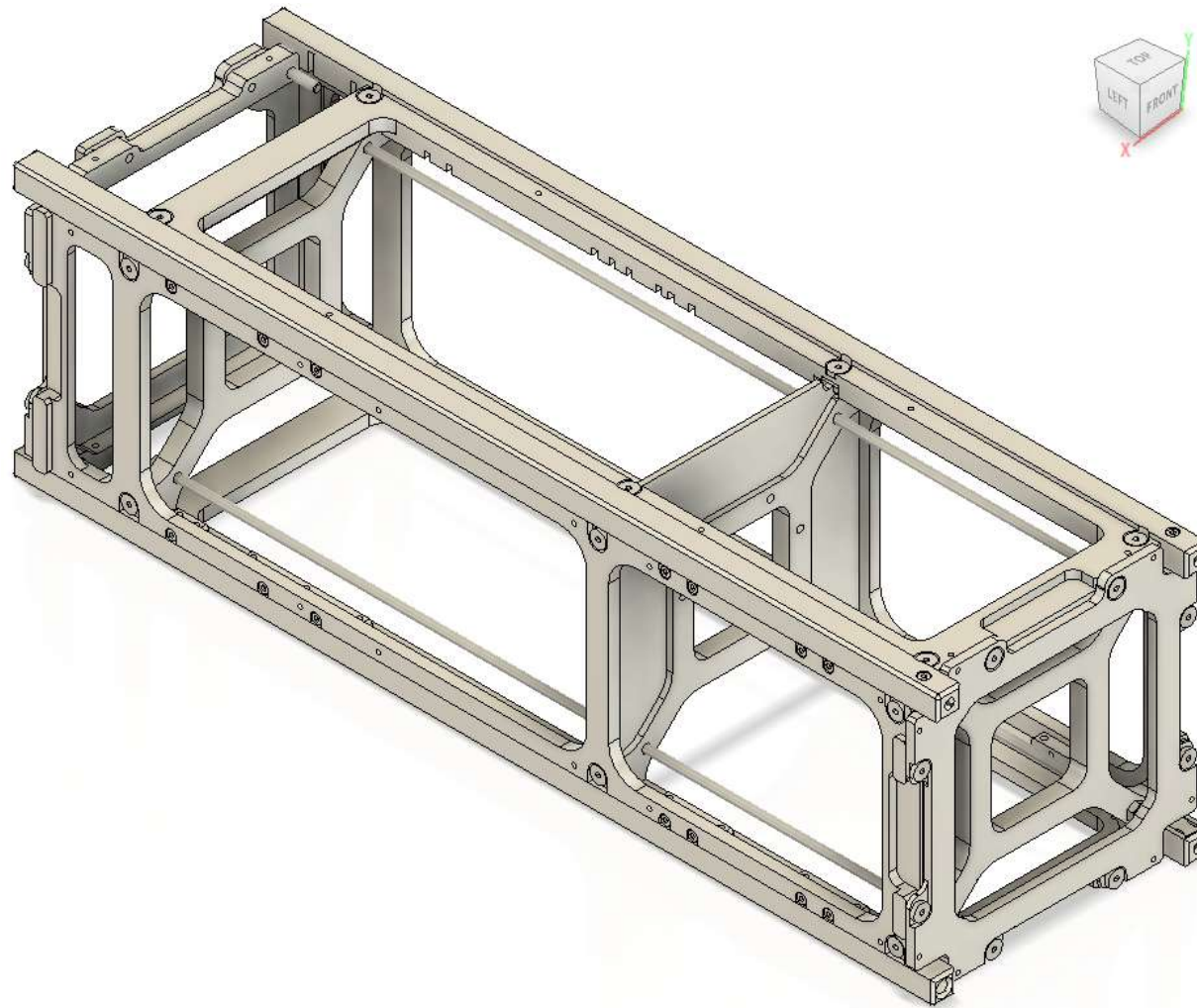


# External Components Distribution

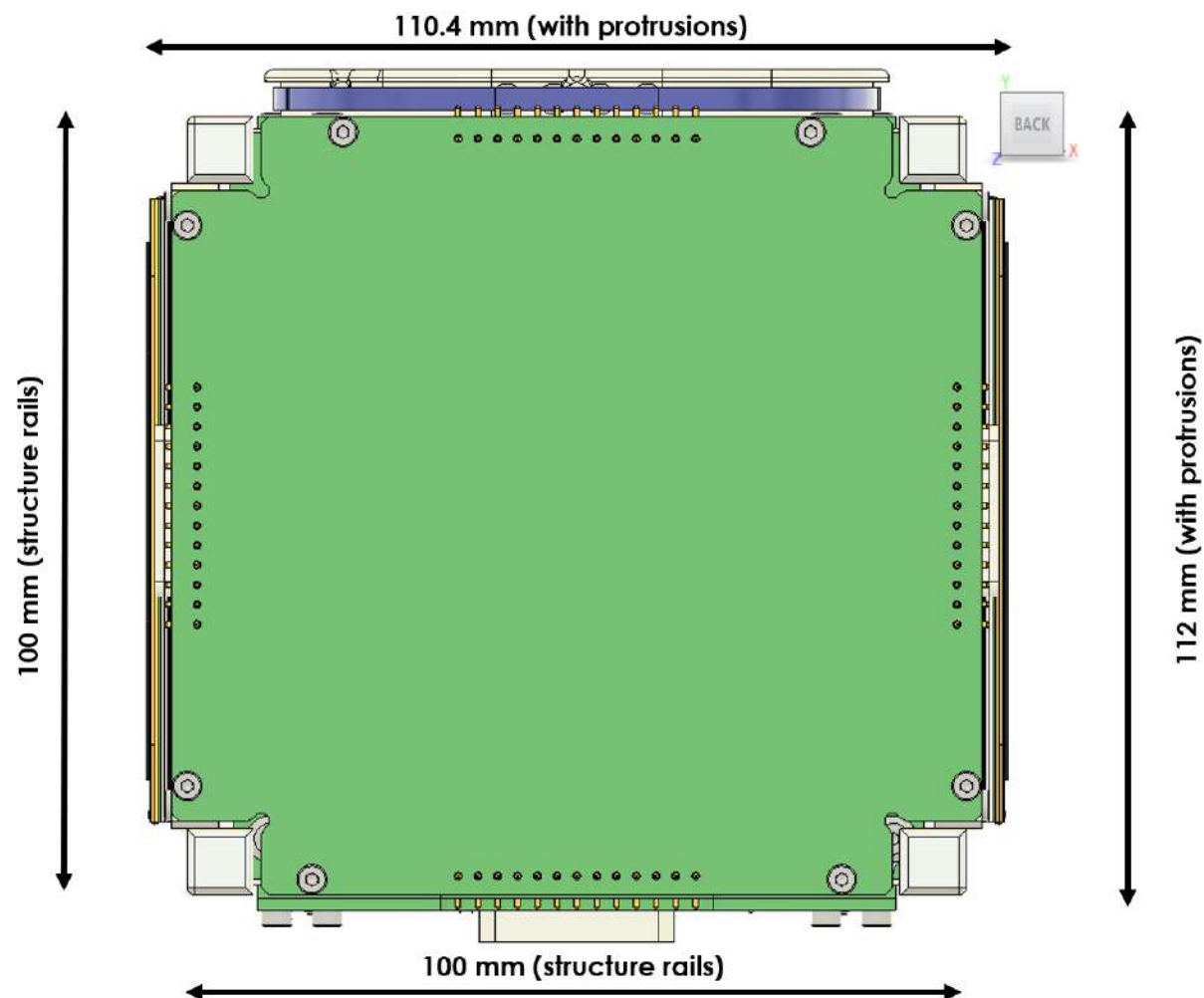




# Satellite structure

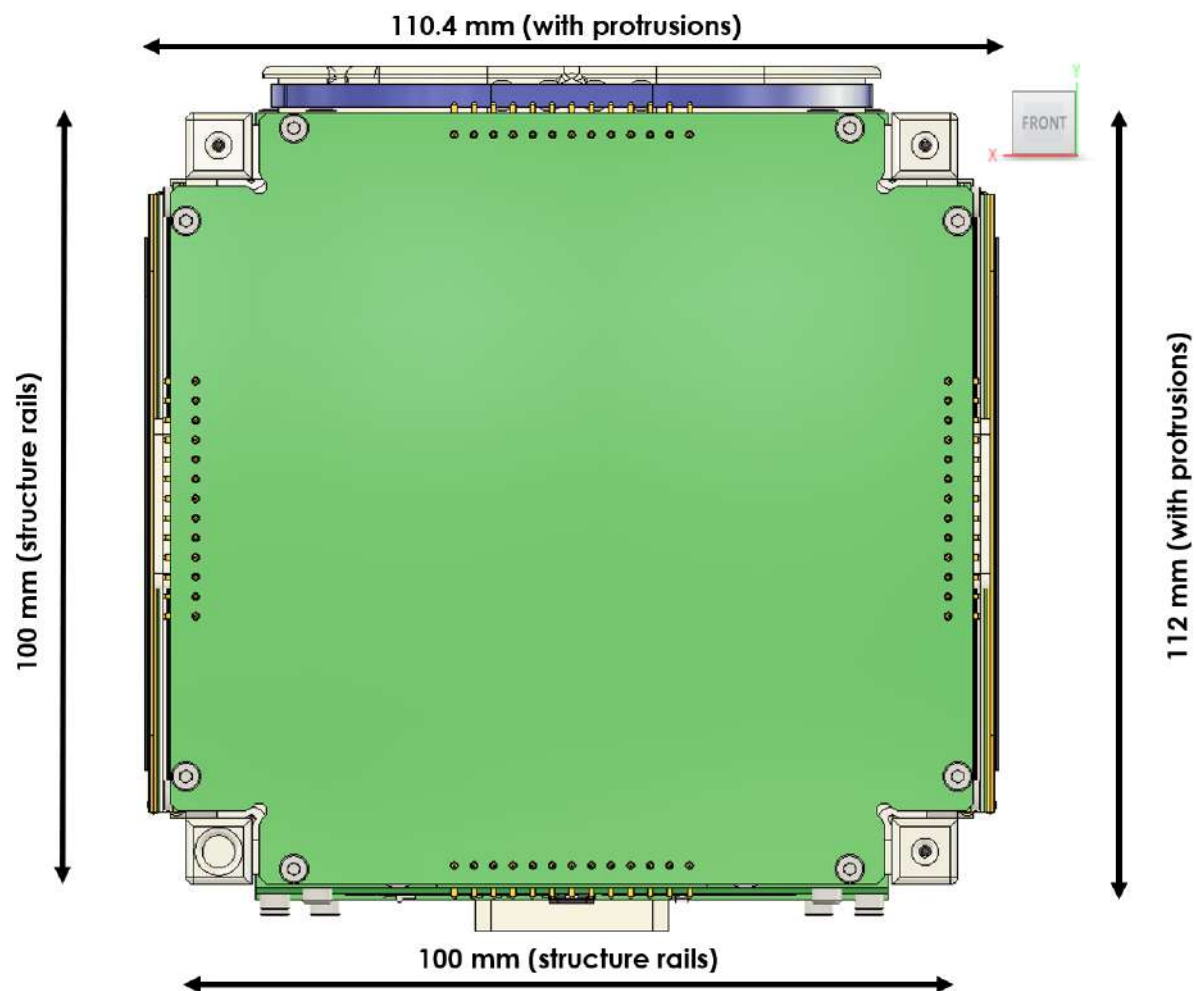


## +Z view

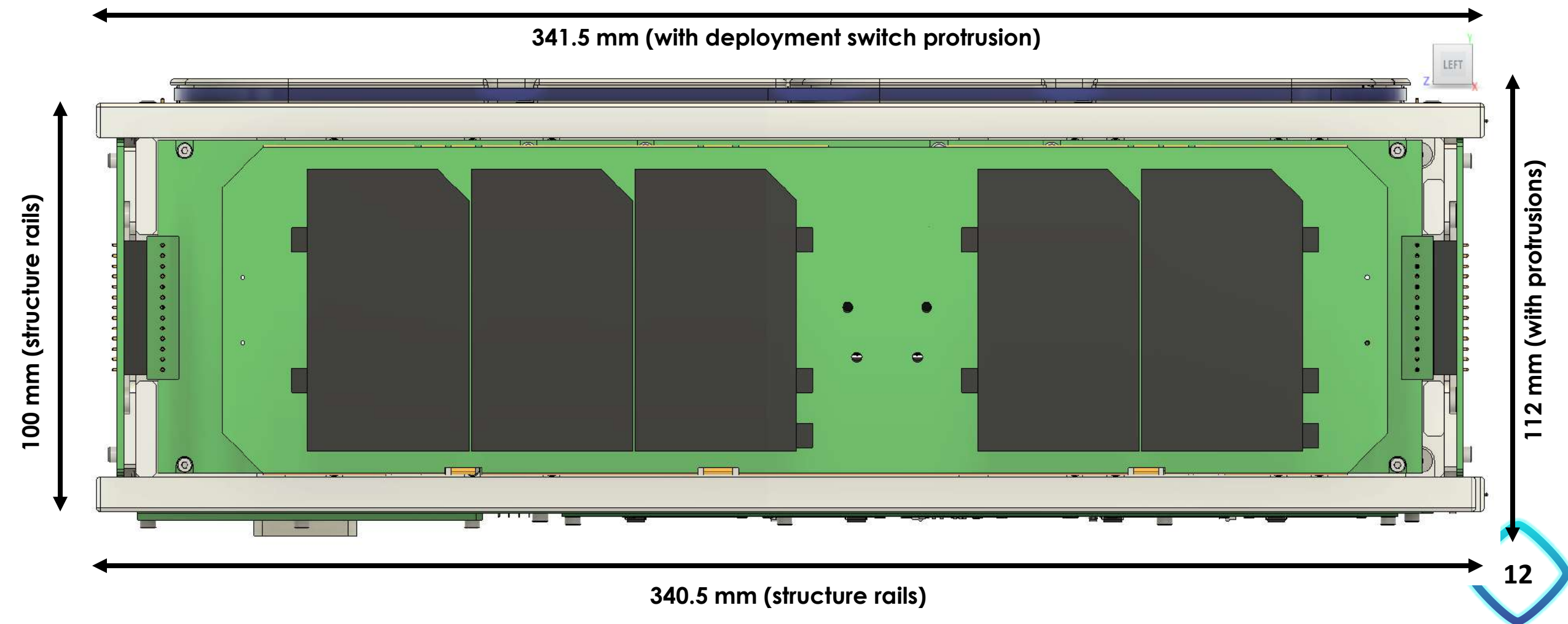




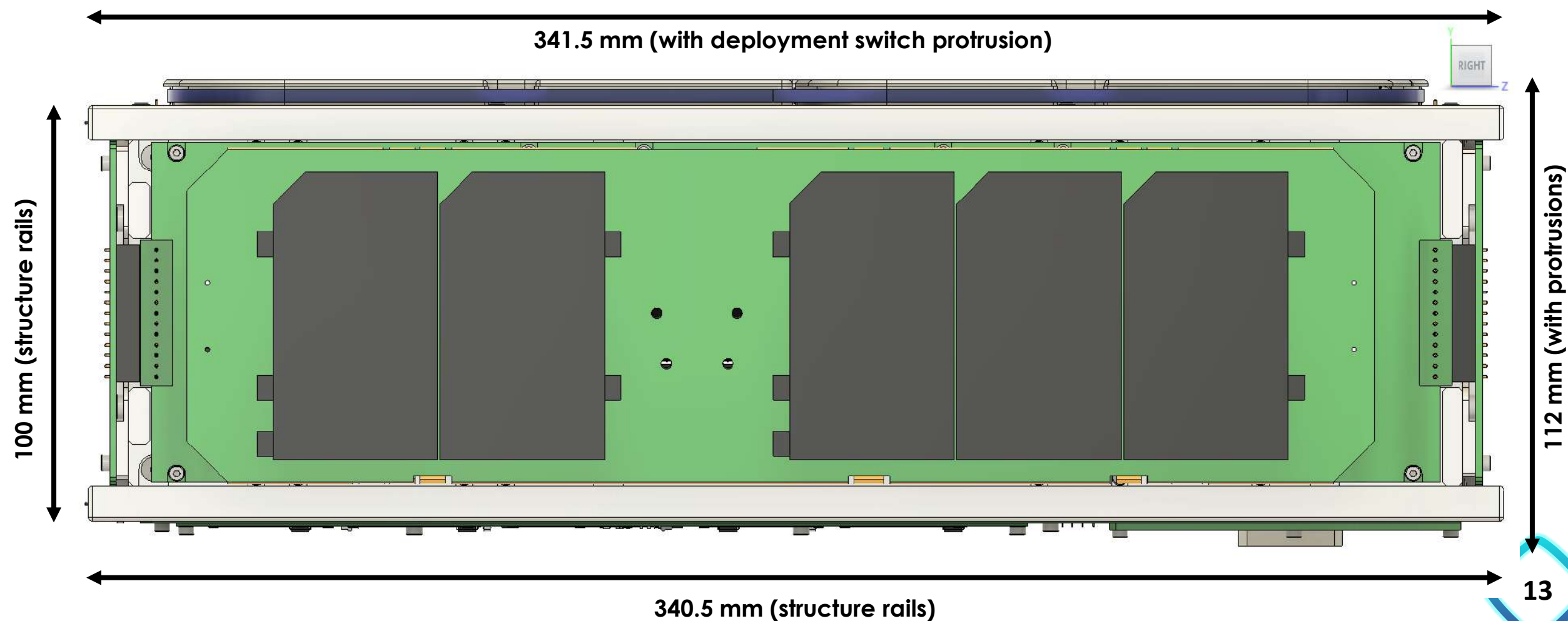
## -Z view



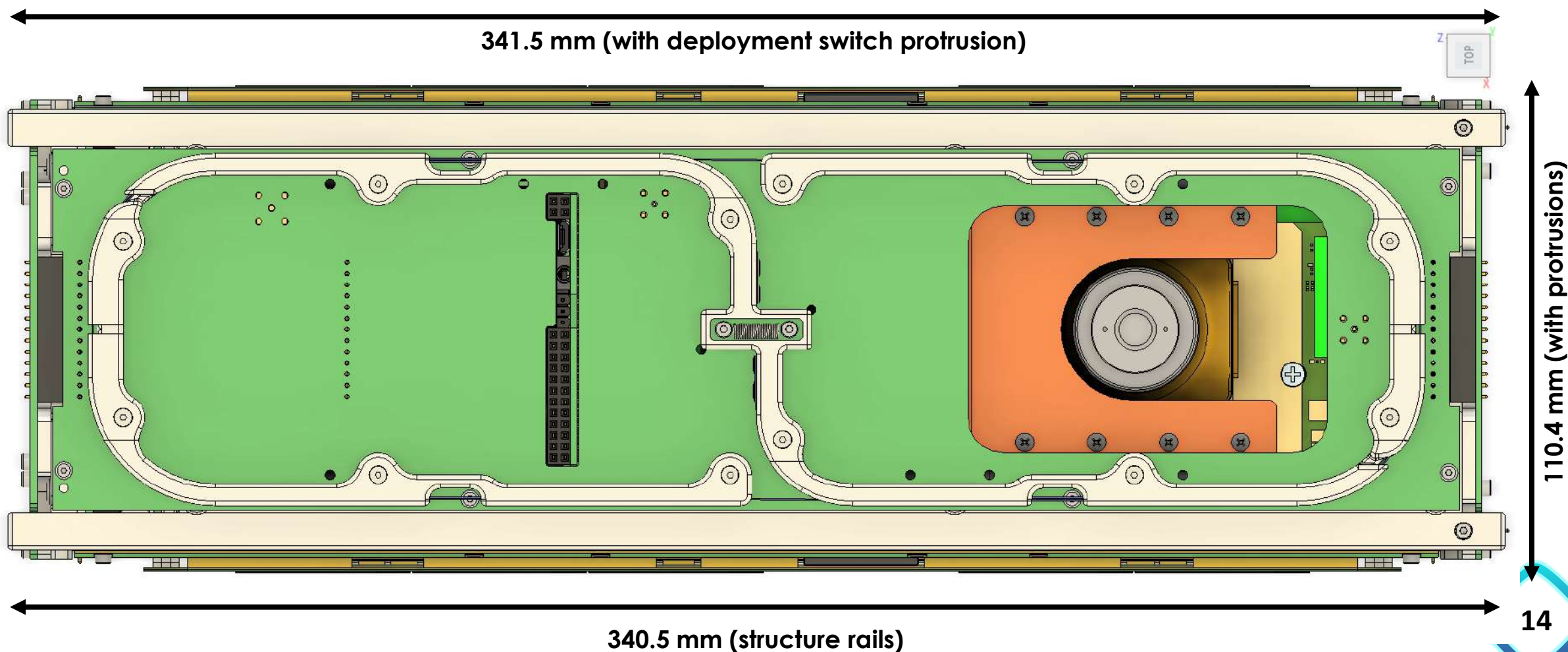
## +X view



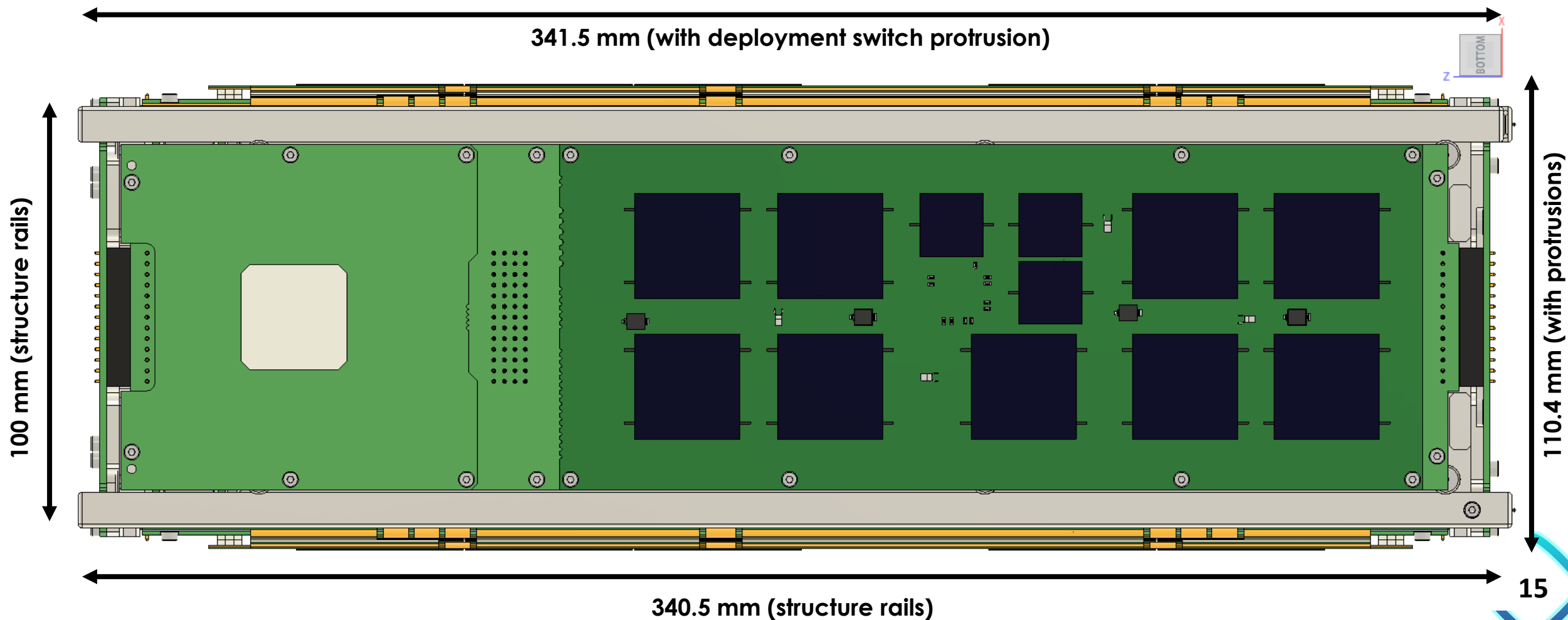
## -X view

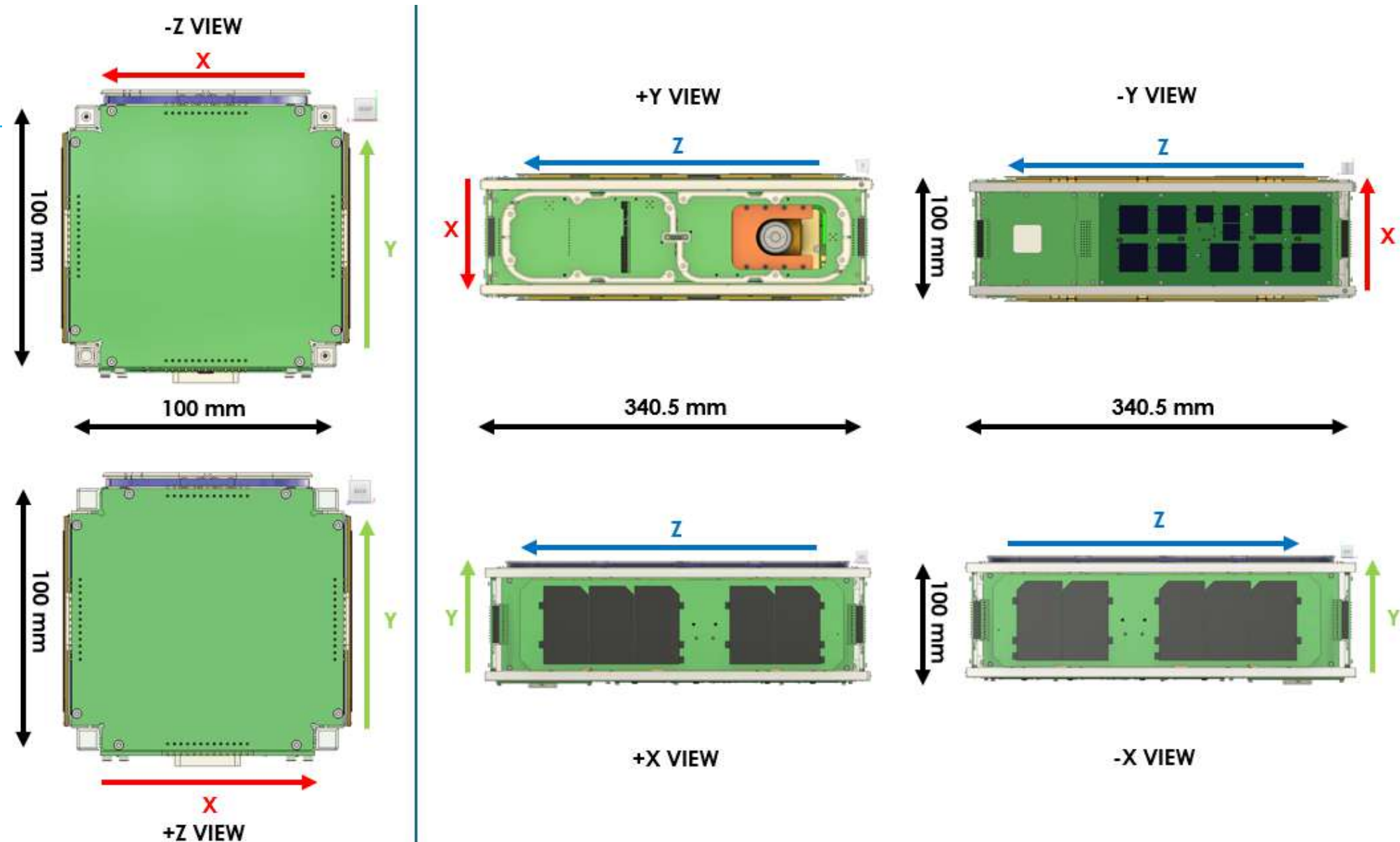


## +Y view



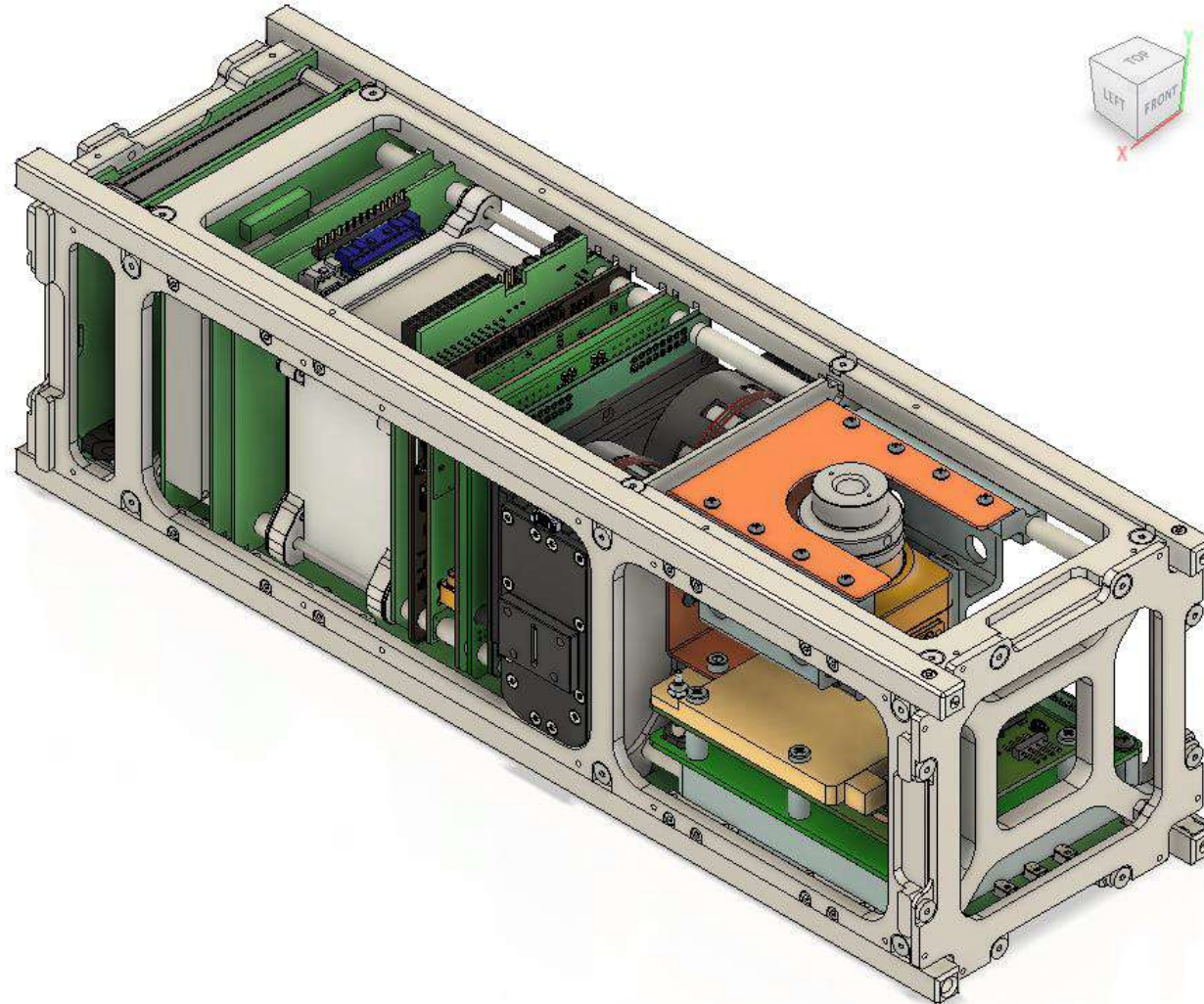
## -Y view



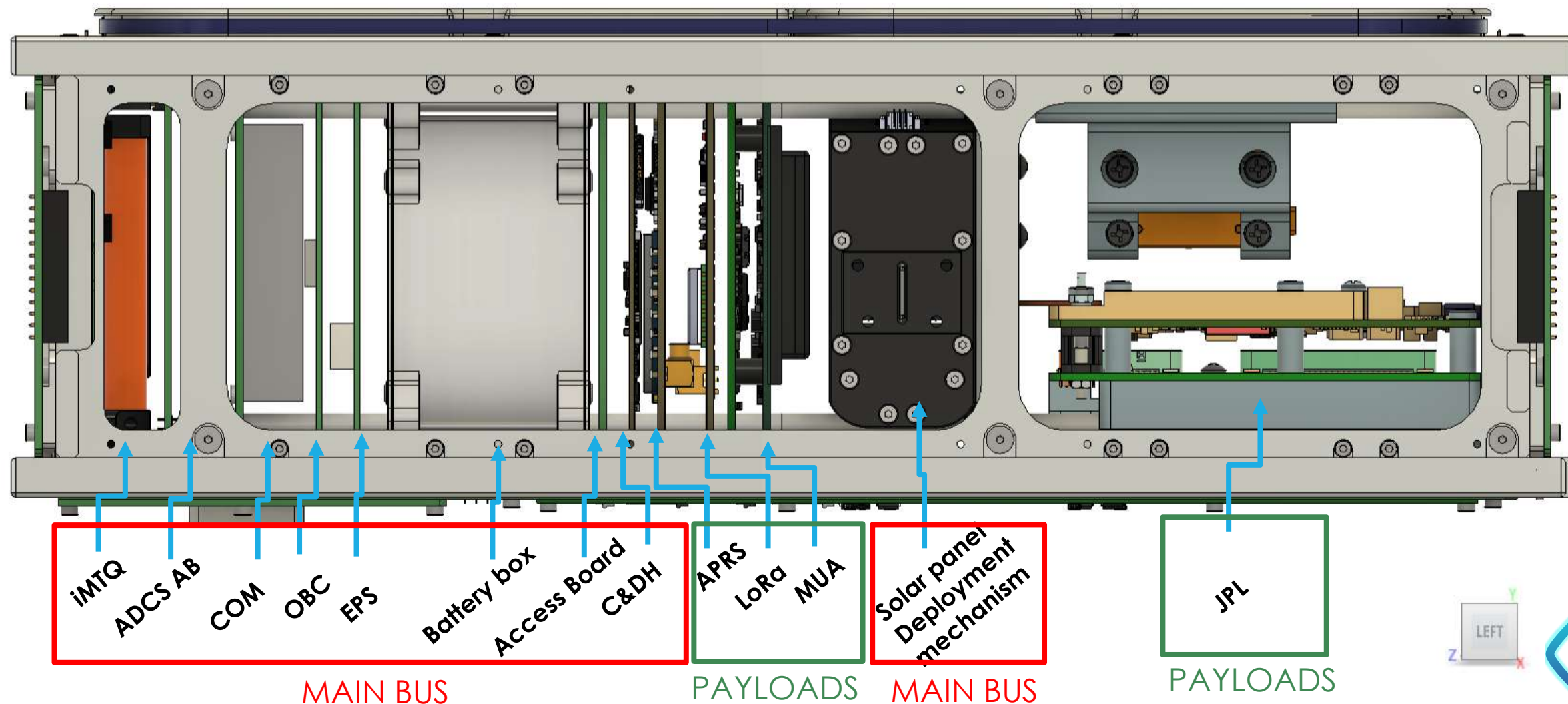




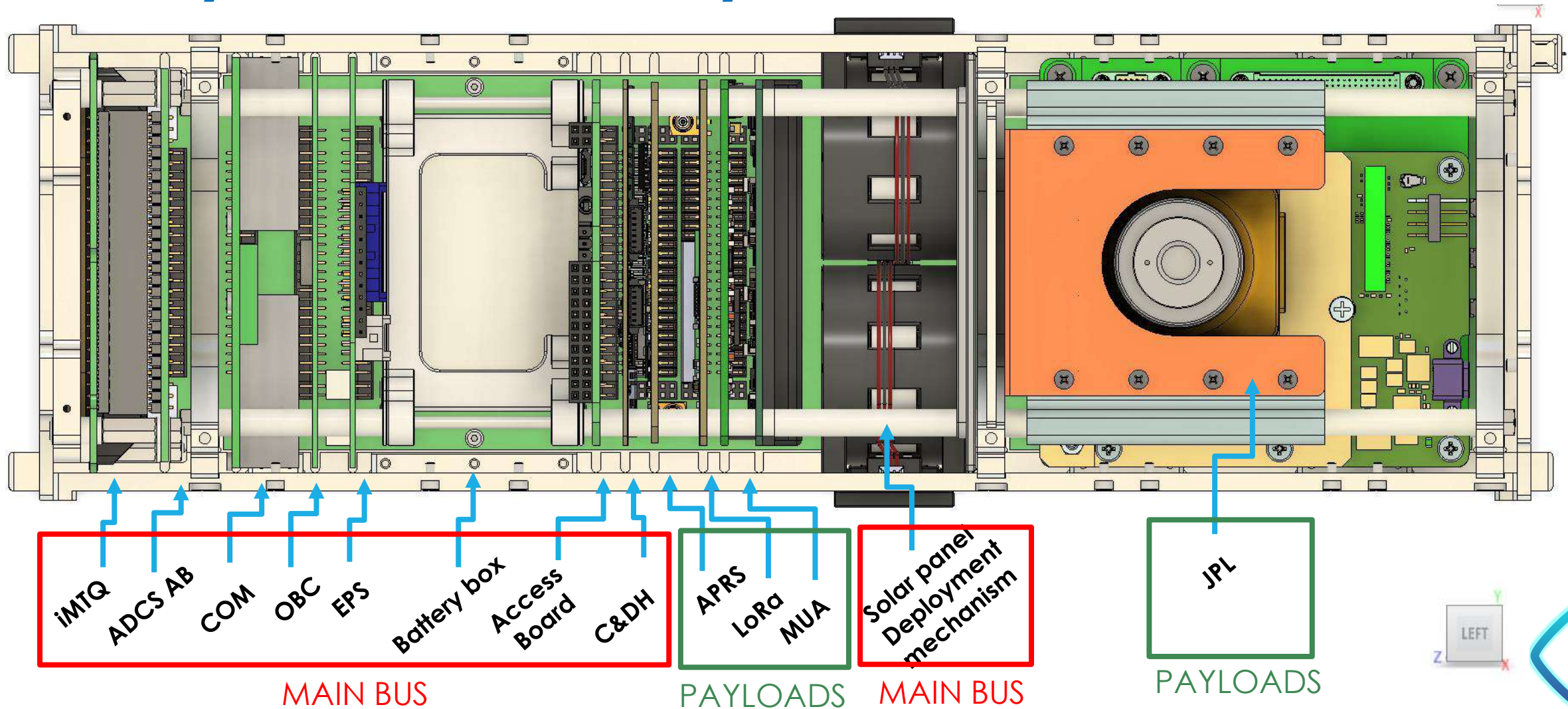
# Isometric view (no external panels)



# Payload and Subsystem distribution



# Payload and Subsystem distribution





# Engineering Model Guaranisat-2

