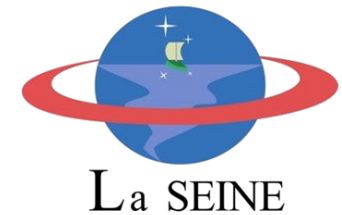
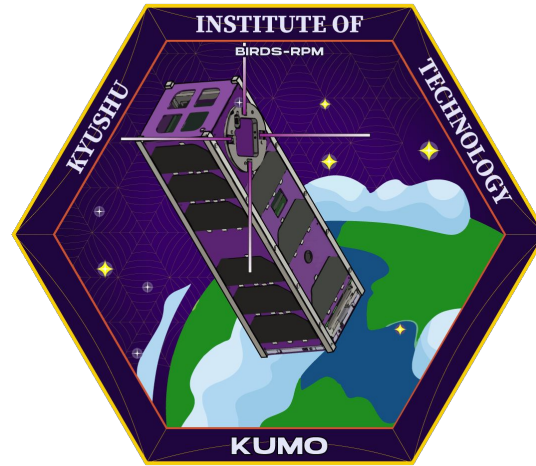
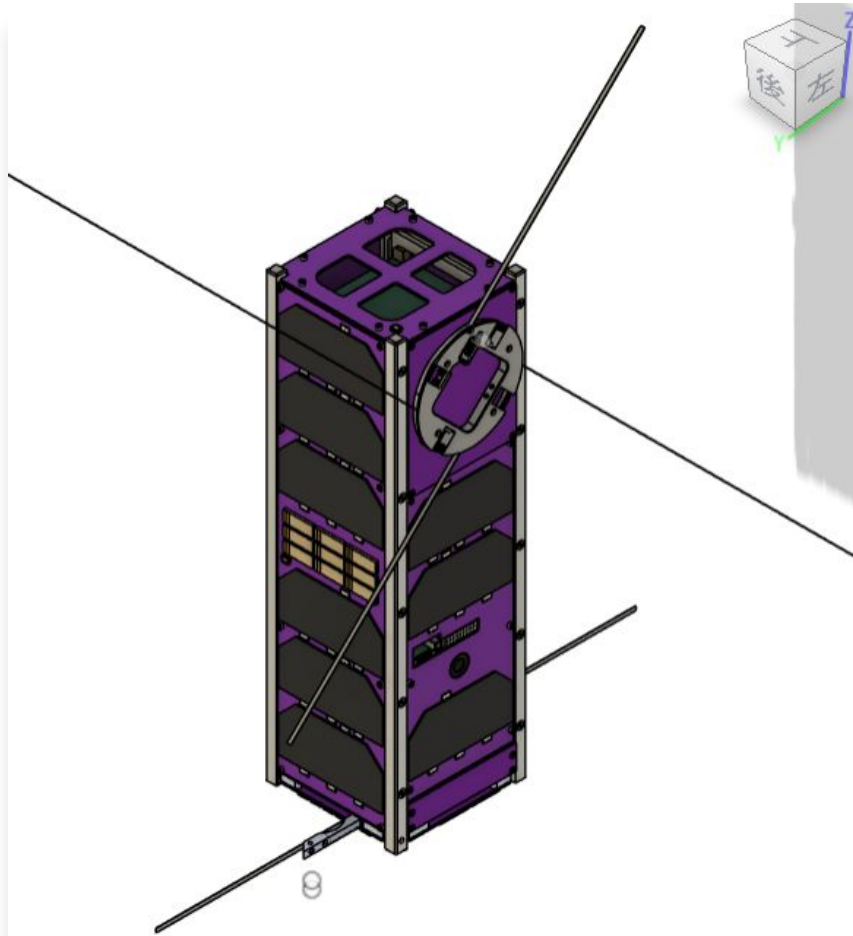


Structure Properties

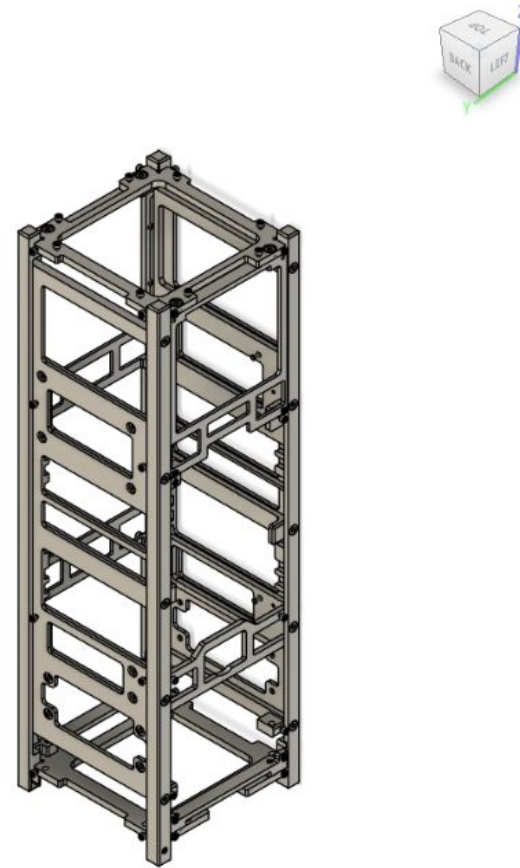
DATE: 02 - 04- 2025



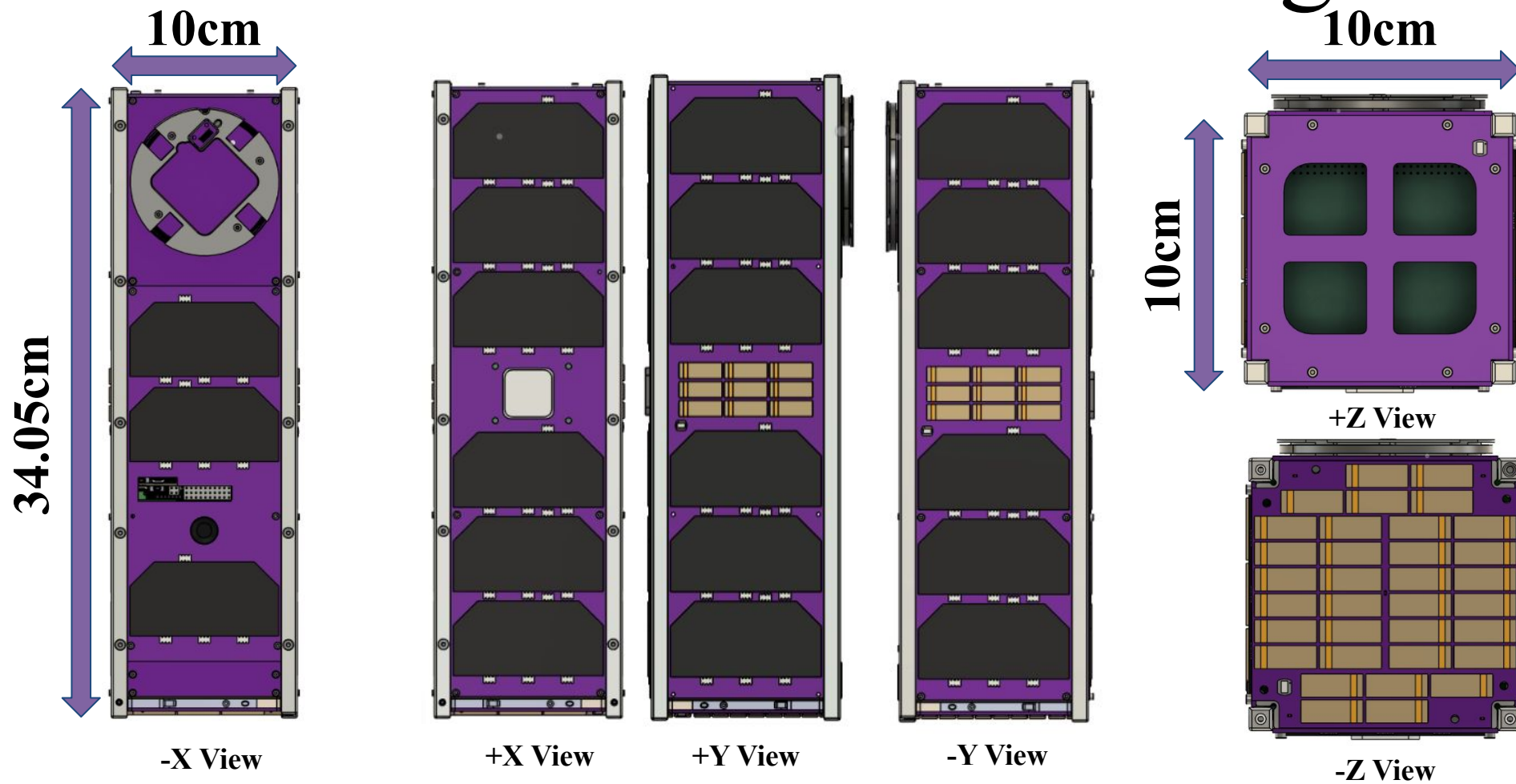
BIRDS-RPM External Configuration



**Overall
View**



BIRDS-RPM External Configuration

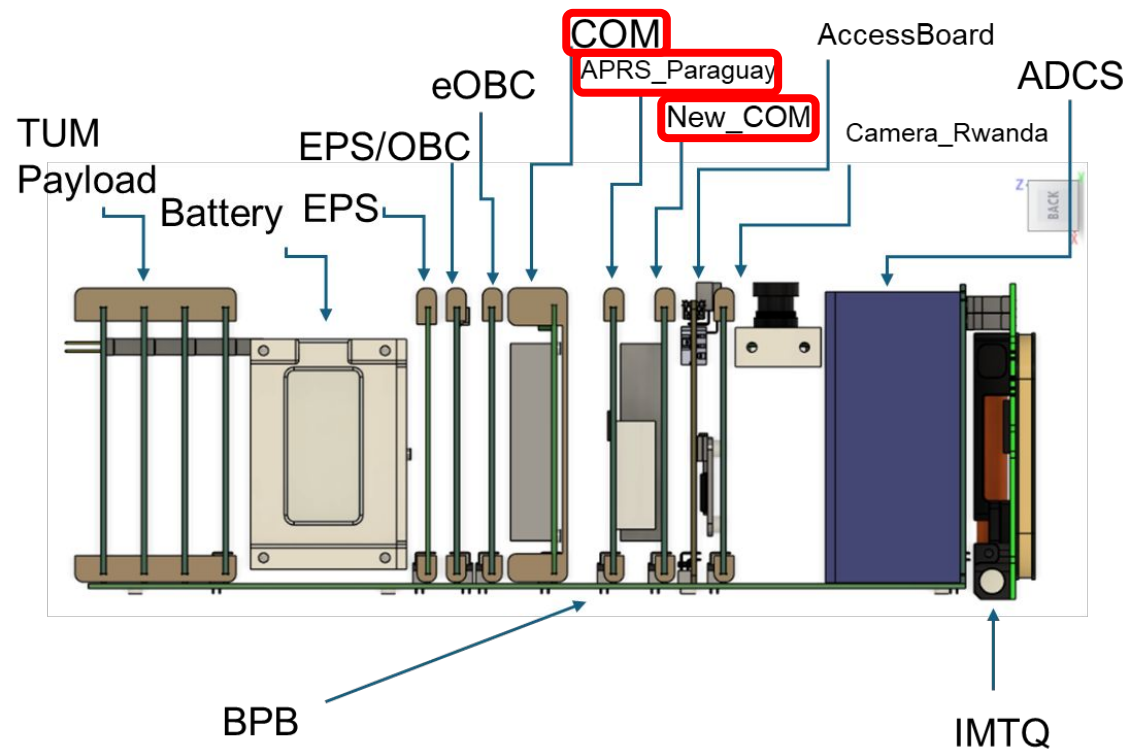


Satellite Properties

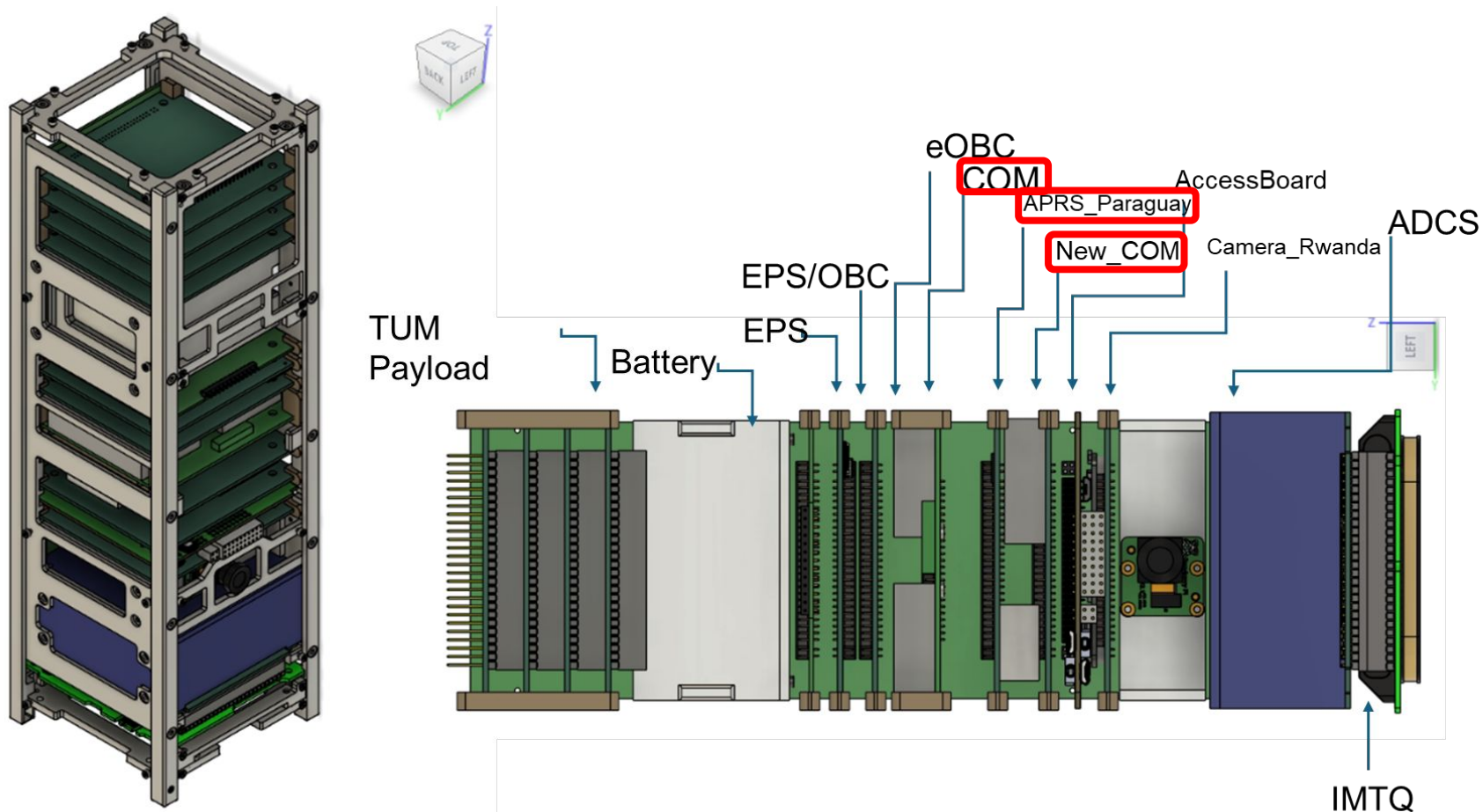
Specification	Information
Mechanical Properties	
Dimension	10 x 10 x 34.05 cm $\pm$0.01 cm
Total weight	~3.3kg
Center of mass	Inside JAXA constrains
Materials:	
Rails	Aluminum 7075
PCB	FR4



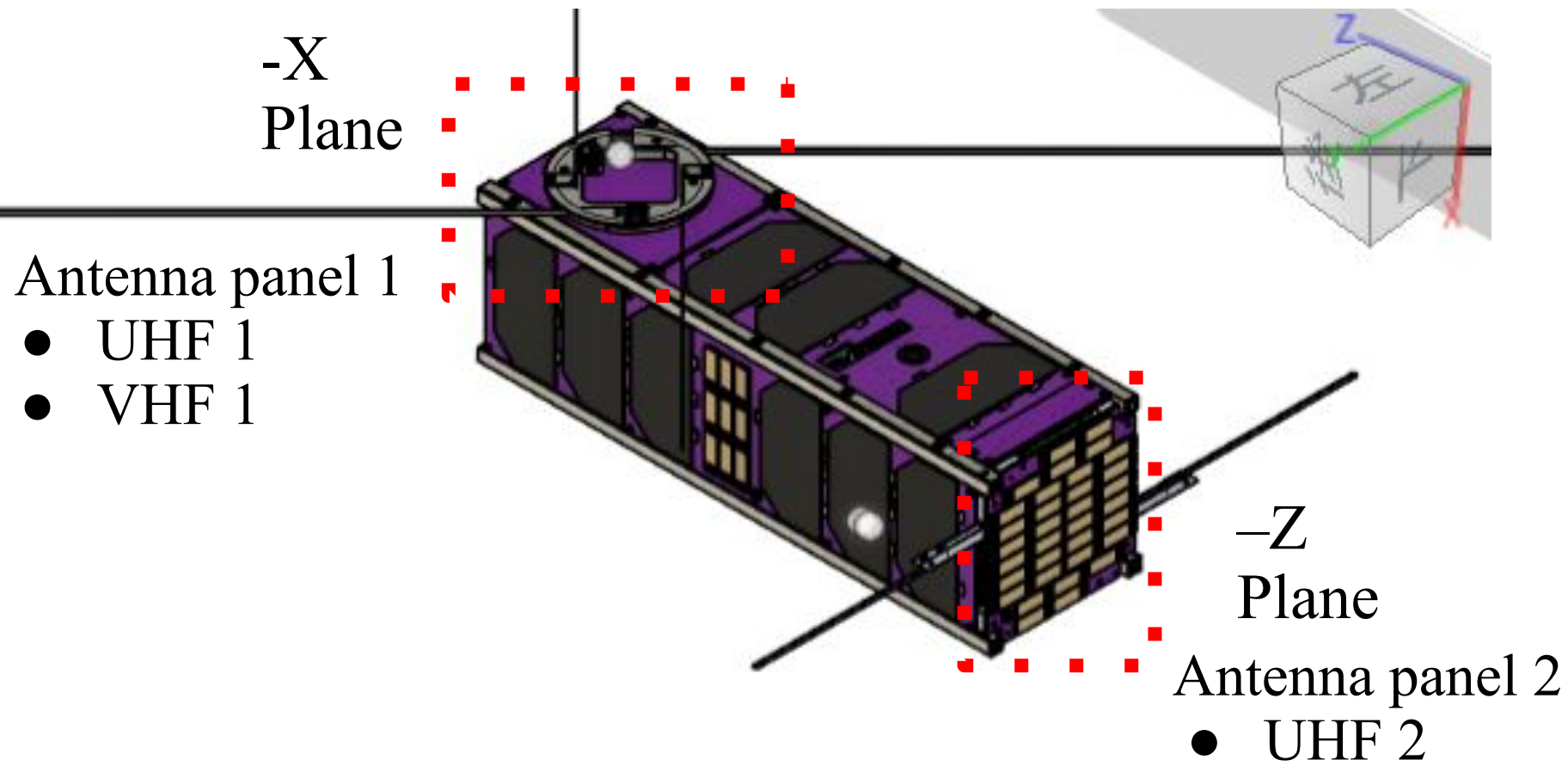
Satellite System Overview



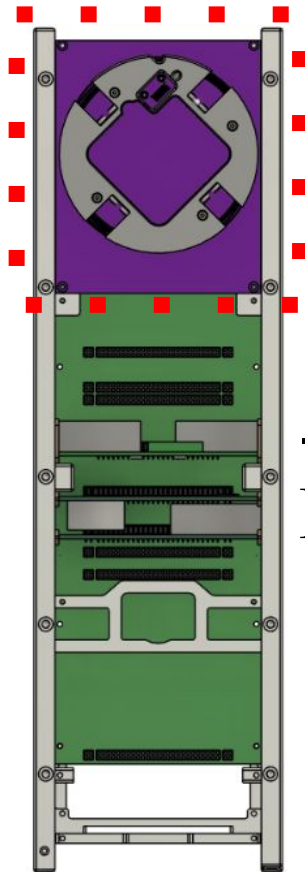
Satellite System Overview



Antenna locations



Antenna locations



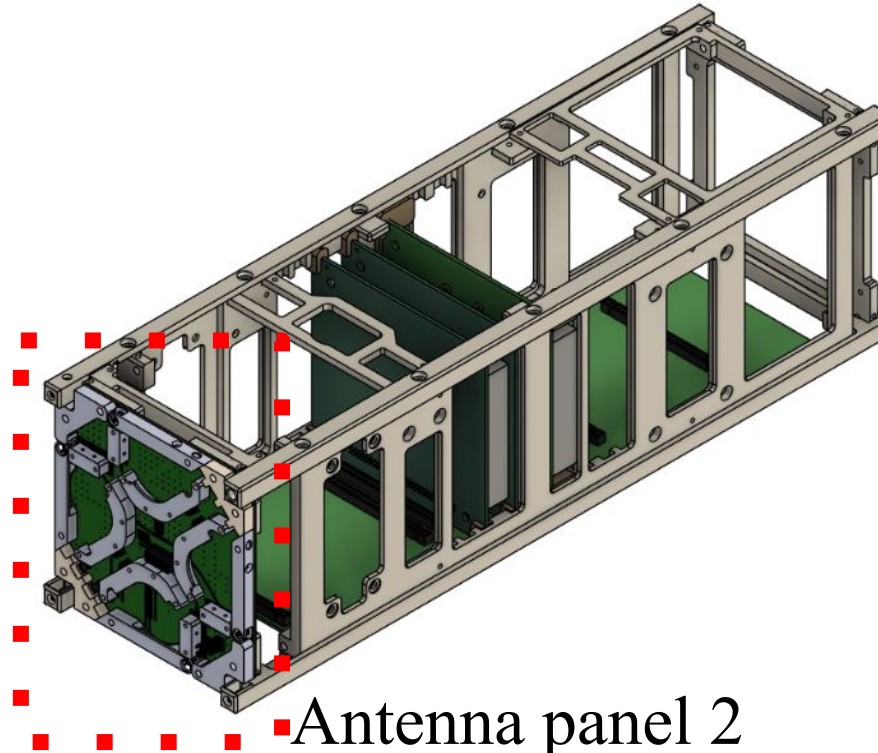
Antenna panel 1

- UHF 1
- VHF 1

-X
Plane

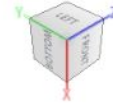


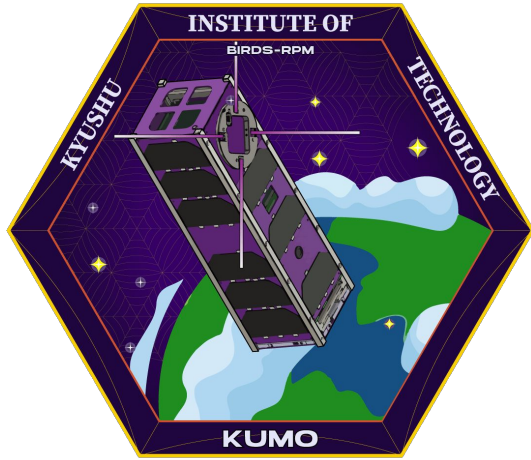
-Z
Plane



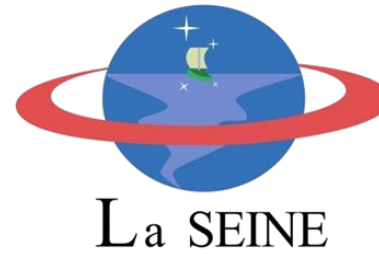
Antenna panel 2

- UHF 2





Kumo



BIRDS-RPM