

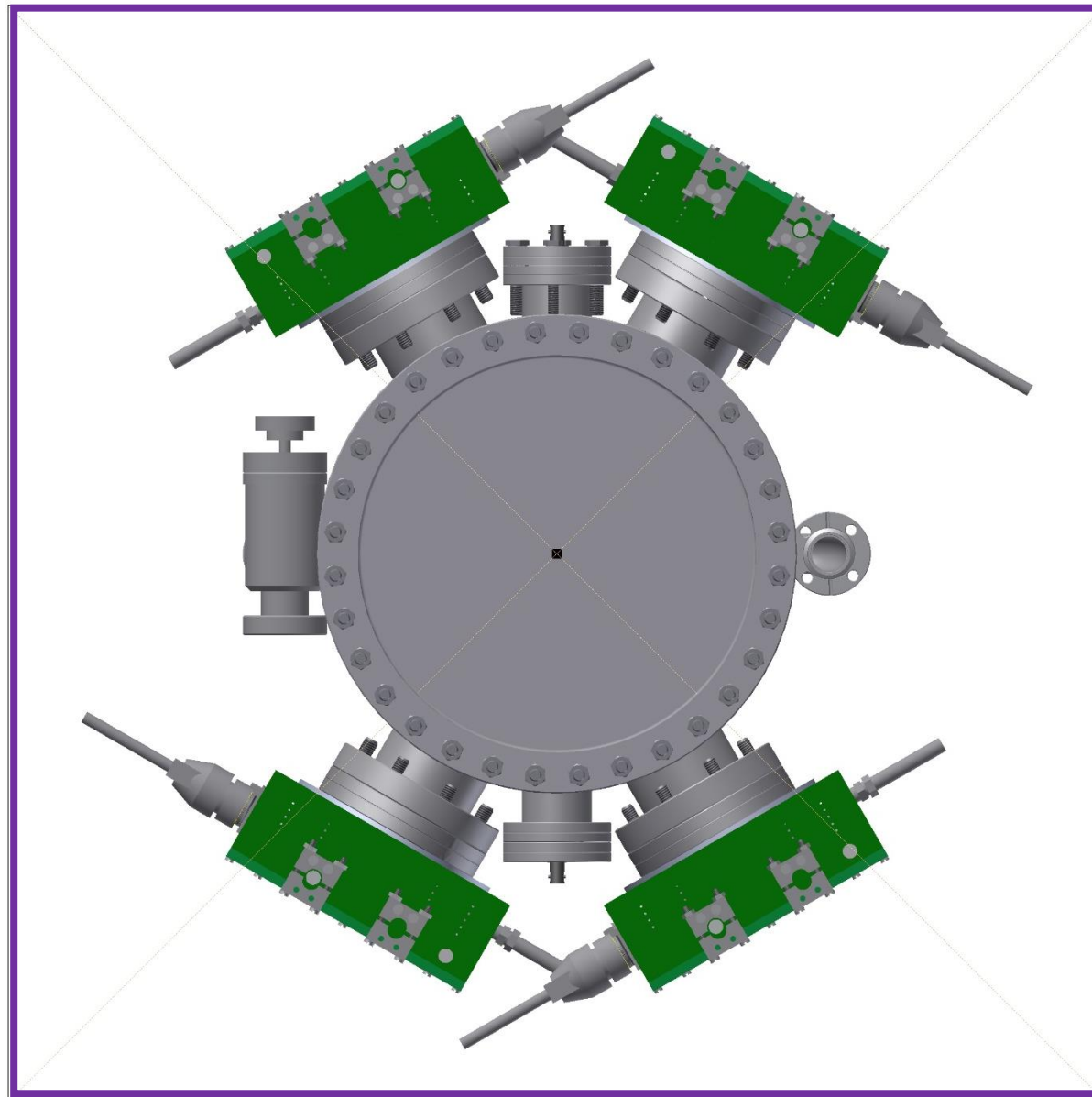
# Target Chamber Mounting

2014/03/21

# Chamber Mounting Requirement

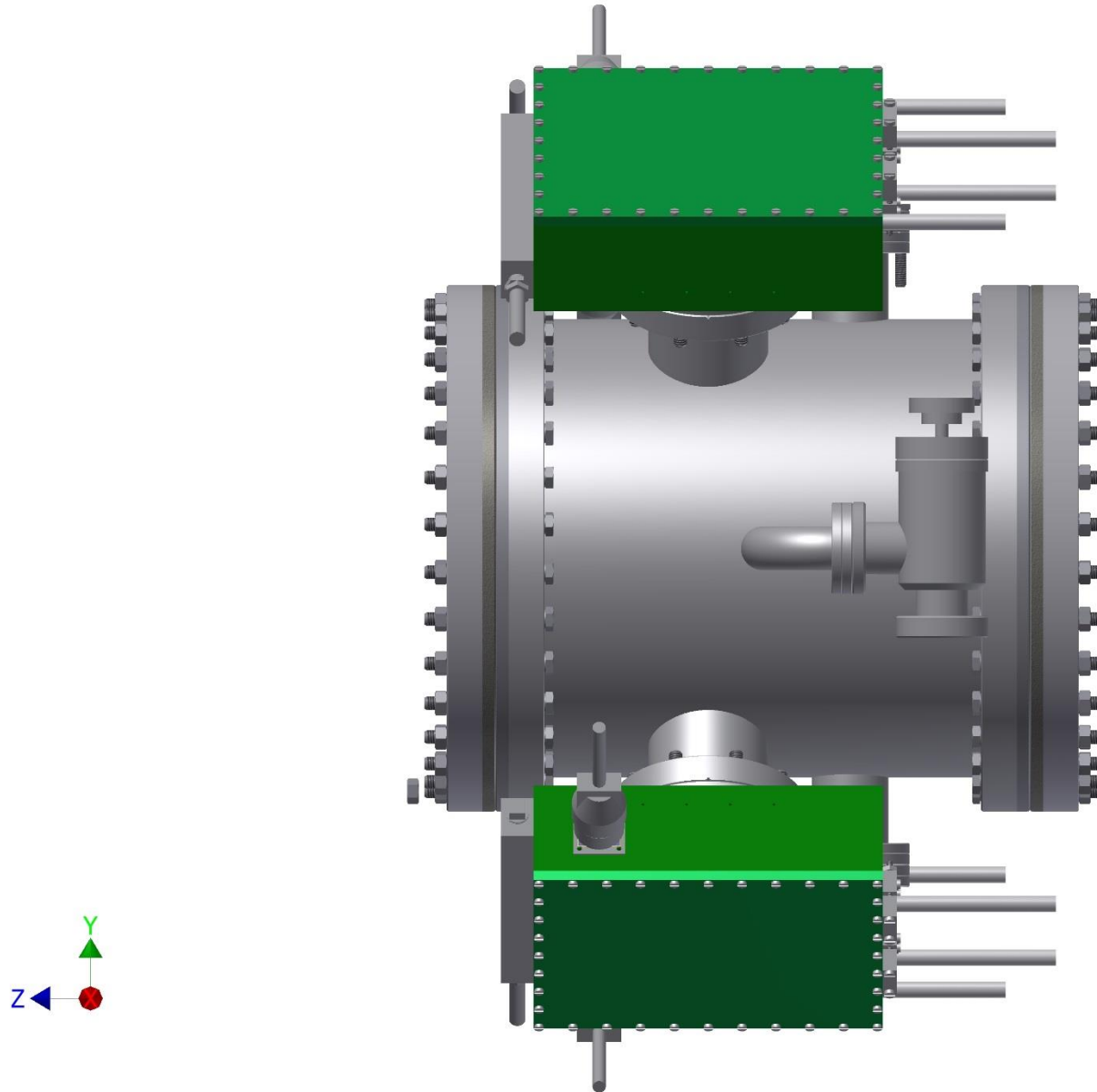
- Electrical Isolation from Spin Flipper
- Vibration Isolation
- 2 Operating Positions
  - Longitudinal Polarization
  - Transverse Polarization
- Air cooling, Preamp Power, and Signal Cables need to attach
  - Signal Cabling should remain attached during rotation
  - Power and air can probably be removed and reattached
  - Cable Supports on Stand

# End View of Chamber

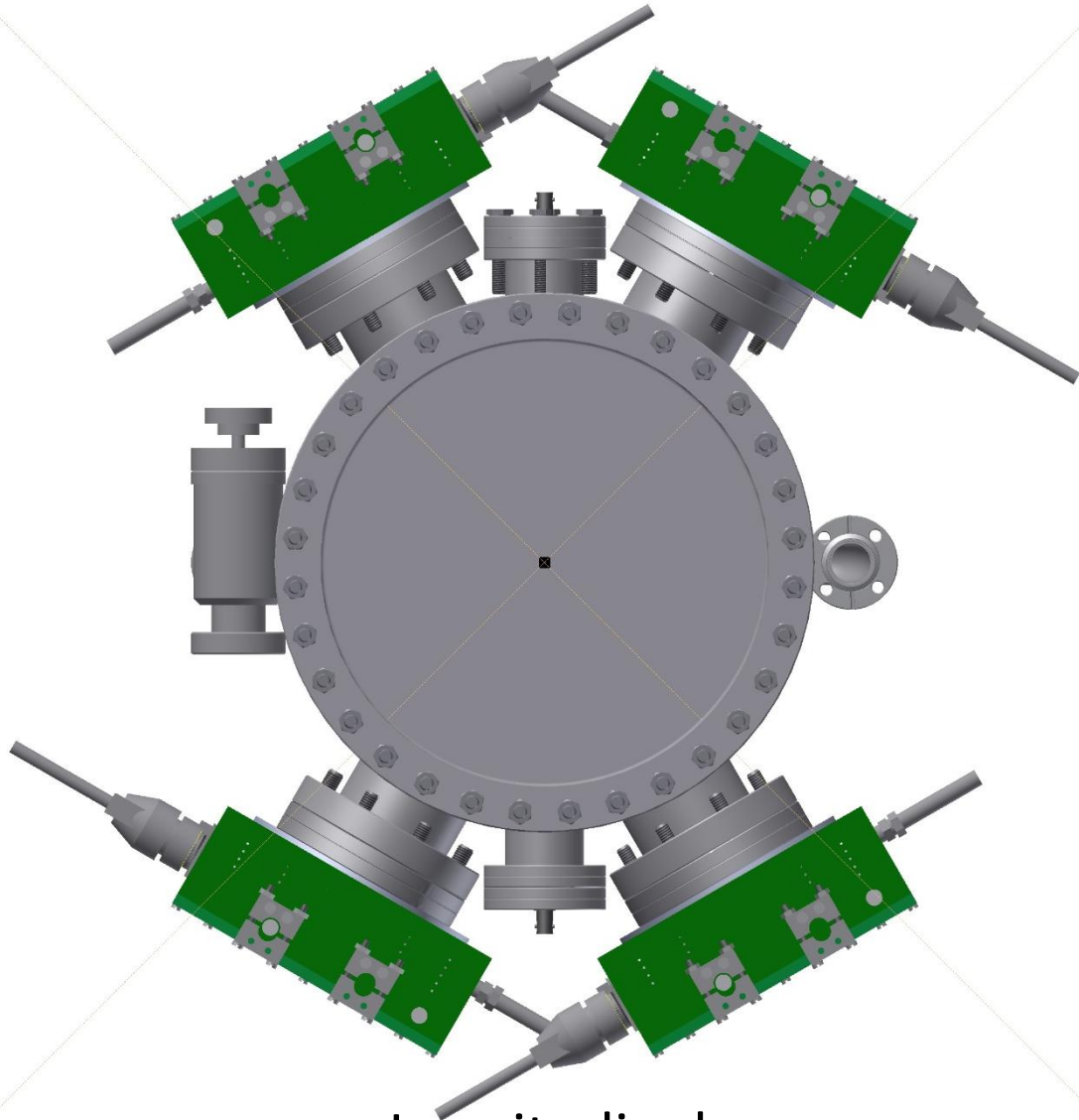


70cm solenoid  
interior

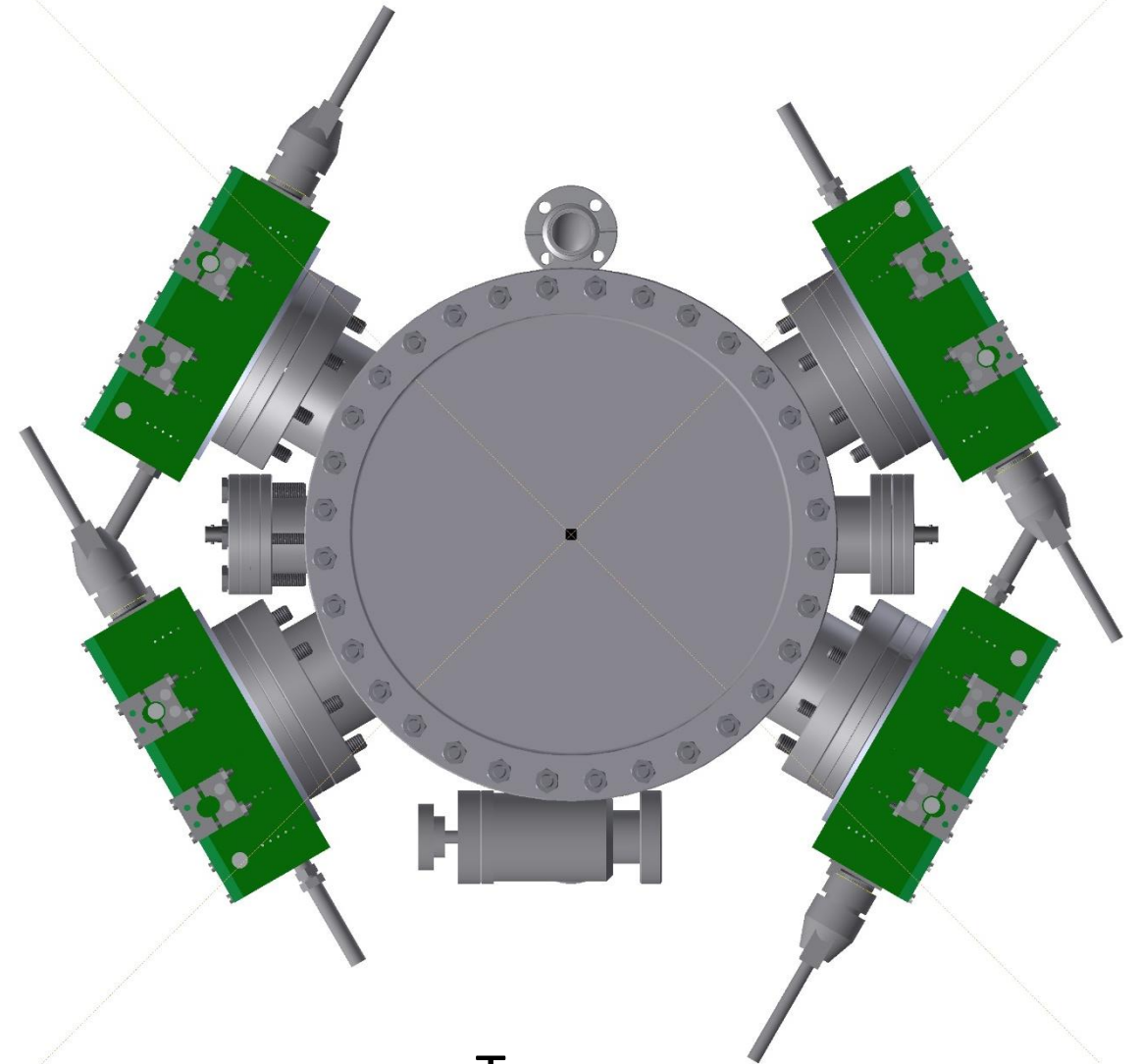
# Side View of Chamber



# 90 Degree Rotation

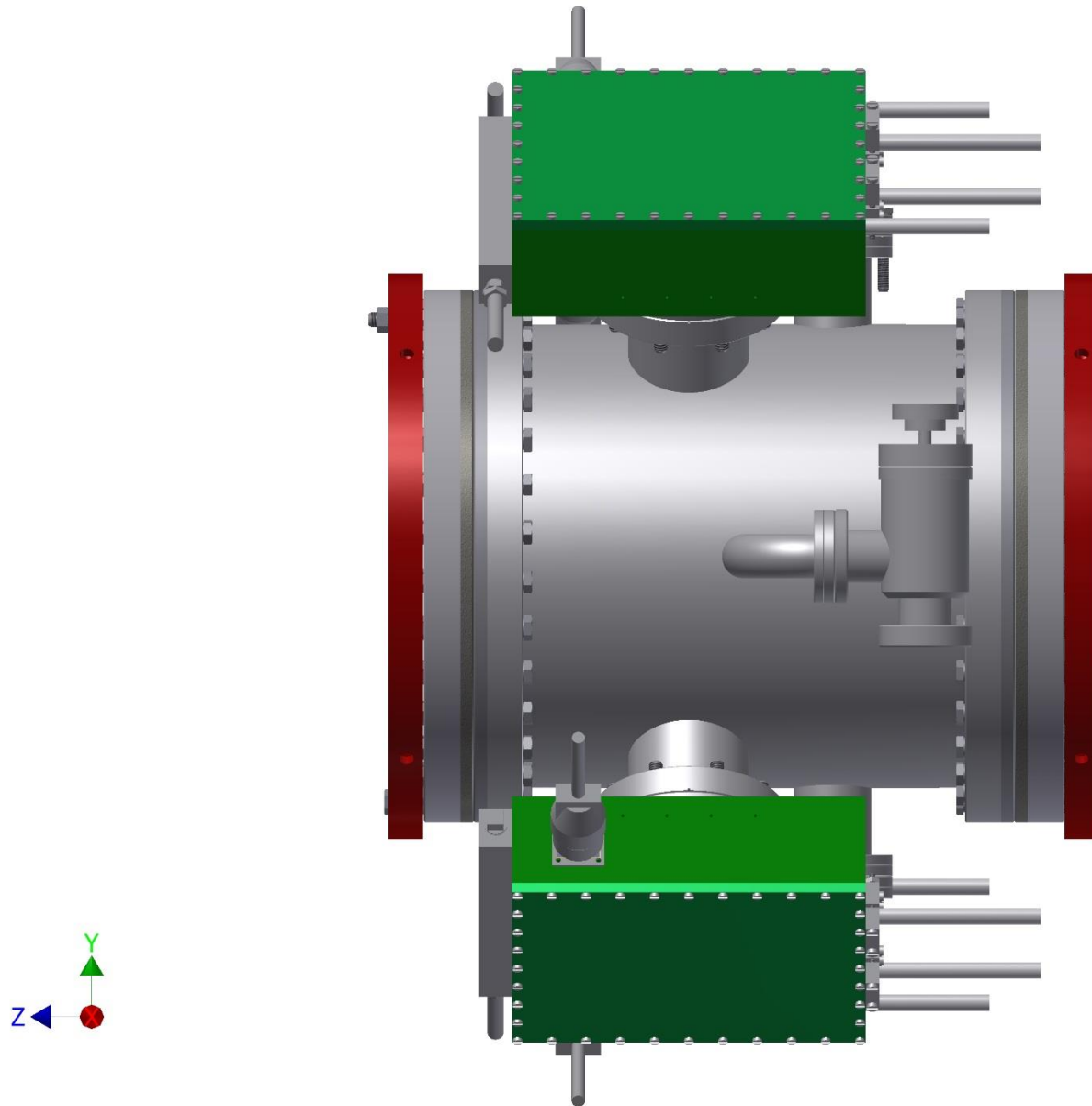


Longitudinal

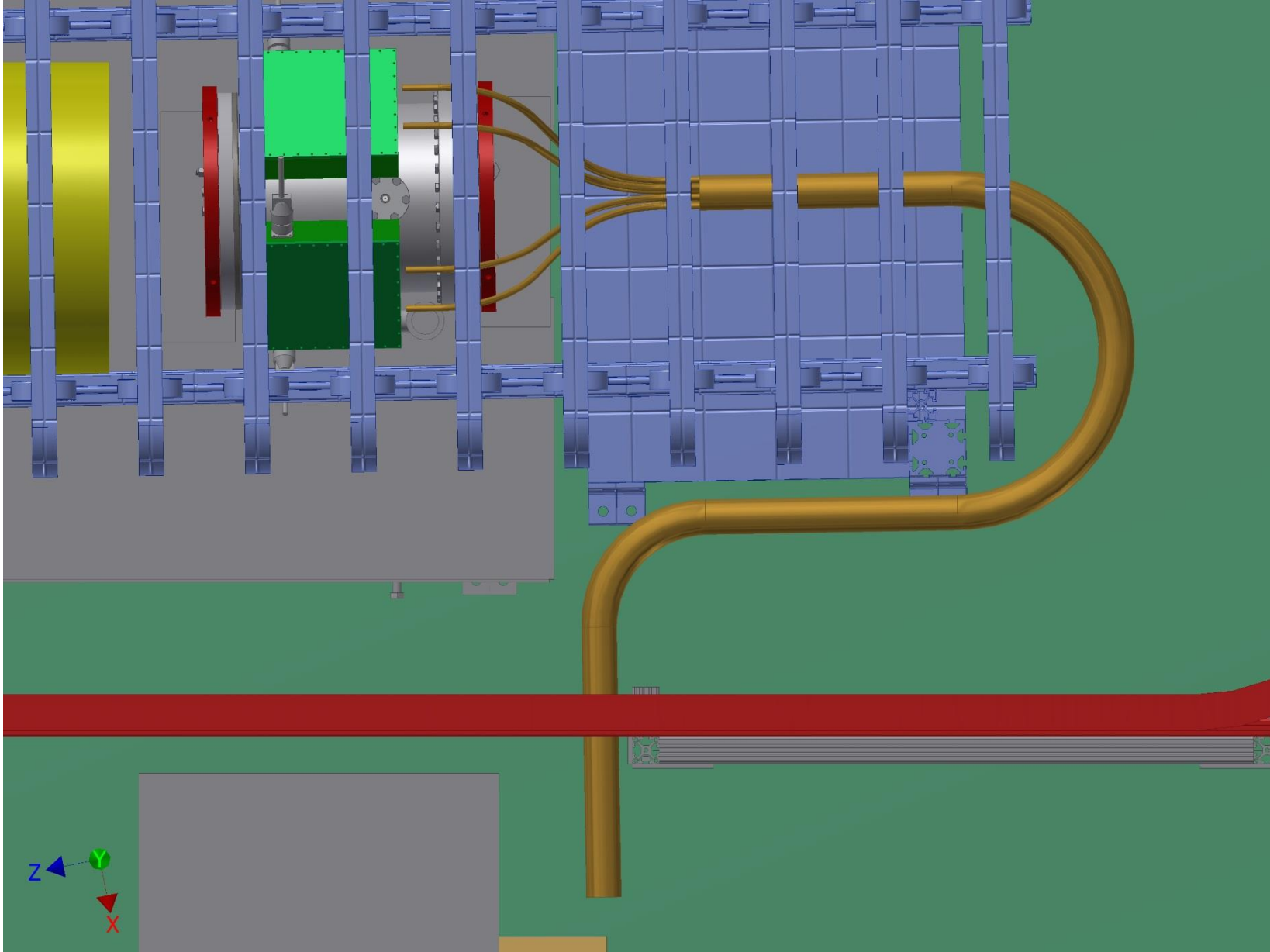


Transverse

# Side View of Chamber – Mount Rings



# Chamber with Cable



Need:

- Signal Cable Support
  - Needs to be coaxial
- Preamp Power Supports
- Air Tube Support