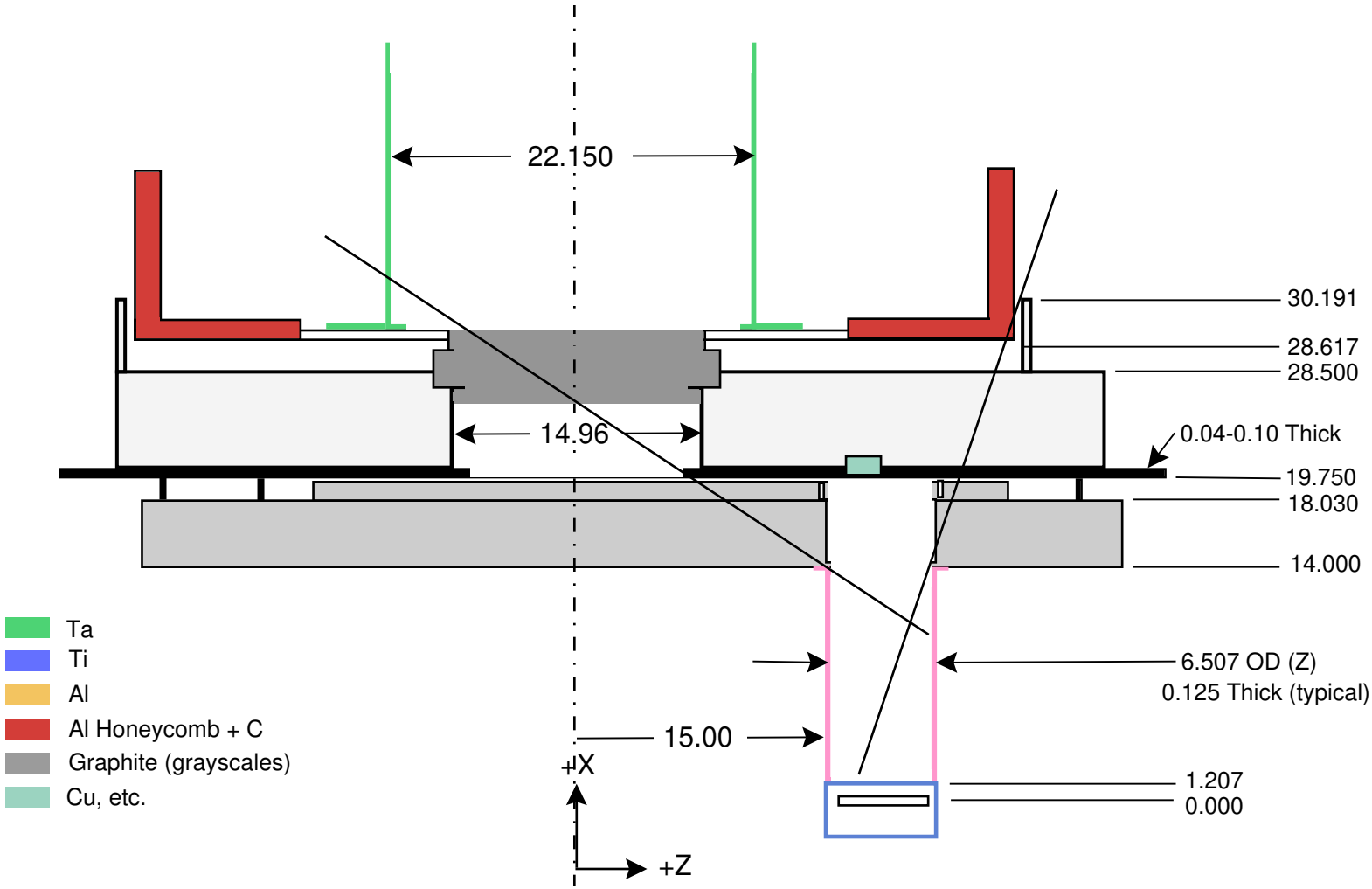

Geometry of Key Structures in ACIS Radiation Shielding Model (Approximately to Scale)

Shown in HRC-S observing position with two critical light paths drawn: Through the Focused Structure Baffle and through the 'light gap' between SIM Thermal Skirt and the OBA. The Thermal Skirt is a ring circling the OBA Aft Bulkhead

--Focus Structure Baffle: 12.6 in. Diameter

--Hat Brim Baffle: 13.25 in. Diameter

--OBA Aft Bulkhead/OBA: 52.588 in. Diameter

--Thermal Skirt: 53.70 in. Diameter