34-ID-C



accessory rail



Visible Light Confocal Microscope aka: the "Confocal" aka: the "Olympus" looking inboard/downstream





Shown is a basic, room temperature, ambient environment sample mounting scenario with beam simulation. here the sample is below the beam for clarity



A side view looking inboard (towards the synchrotron). The total motion of the Z stage is 14mm and shown here in mid travel. The mounting plane (top) of the piezo stage is 30.7mm from the beam at mid travel. There should always be a minimum 1mm travel in any device design to ensure proper alignment of the sample (and preferably more).



