



Figure 1. In (a) is a cross section of a typical plasma NSTX plasma in this experiment, and a picture of the GPI hardware inside the vessel is shown in (b). The GPI gas puff manifold is attached to the outer wall ~ 20 cm above the midplane and about 2 cm behind the shadow of the nearby RF antenna limiter. The GPI $D\alpha$ light emission is viewed over the ‘GPI view’ region shown in (a) using the optical viewport shown in (b). The location of the BES channel used for comparison with the GPI data is shown at the left in orange.