$2\omega_0$ contours, chopper radius 260 mm, 160 mm from focus 0.20 -22 GHz: 22 GHz $\eta_{go} = 0.81$, $\eta_{2\omega_0} = 0.00$ 37 GHz 37 GHz: 0.15 $\eta_{\text{go}} = 0.88, \, \eta_{2\omega_0} = 0.32$ 43 GHz 43 GHz: 86 GHz $\eta_{go} = 0.90, \, \eta_{2\omega_0} = 0.41$ 0.10 86 GHz: $\eta_{go} = 0.93, \, \eta_{2\omega_0} = 0.59$ 0.05 0.00 -0.05-0.10-0.15-0.20-0.10.0 0.1 0.2 0.3 0.4 [m]