$2\omega_0$ contours, chopper radius 360 mm, 0 mm from focus

22 GHz:
$\eta_{go} = 0.92$, $\eta_{2\omega_0} = 0.52$
37 GHz:
$\eta_{go} = 0.96$, $\eta_{2\omega_0} = 0.74$
43 GHz:
$\eta_{go} = 0.97$, $\eta_{2\omega_0} = 0.79$
86 GHz:
$\eta_{go} = 0.99$, $\eta_{2\omega_0} = 0.90$

22 GHz
37 GHz
43 GHz
86 GHz