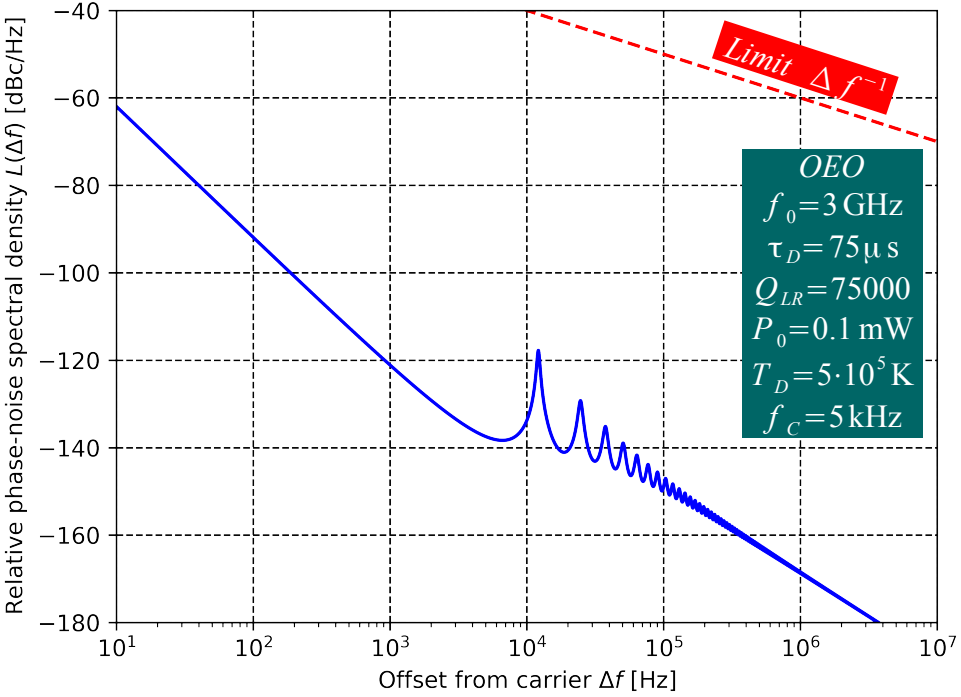
Limit Δf^{-1}
OEO
$f_0 = 3$ GHz
$\tau_D = 75\,\mu$s
$Q_{LR} = 75000$
$P_0 = 0.1$ mW
$T_D = 5 \cdot 10^5$ K
$f_C = 5$ kHz
Relative phase-noise spectral density $L(\Delta f)$ [dBc/Hz]
Offset from carrier Δf [Hz]
−40
−60
−80
−100
−120
−140
−160
−180
10^1
10^2
10^3
10^4
10^5
10^6
10^7