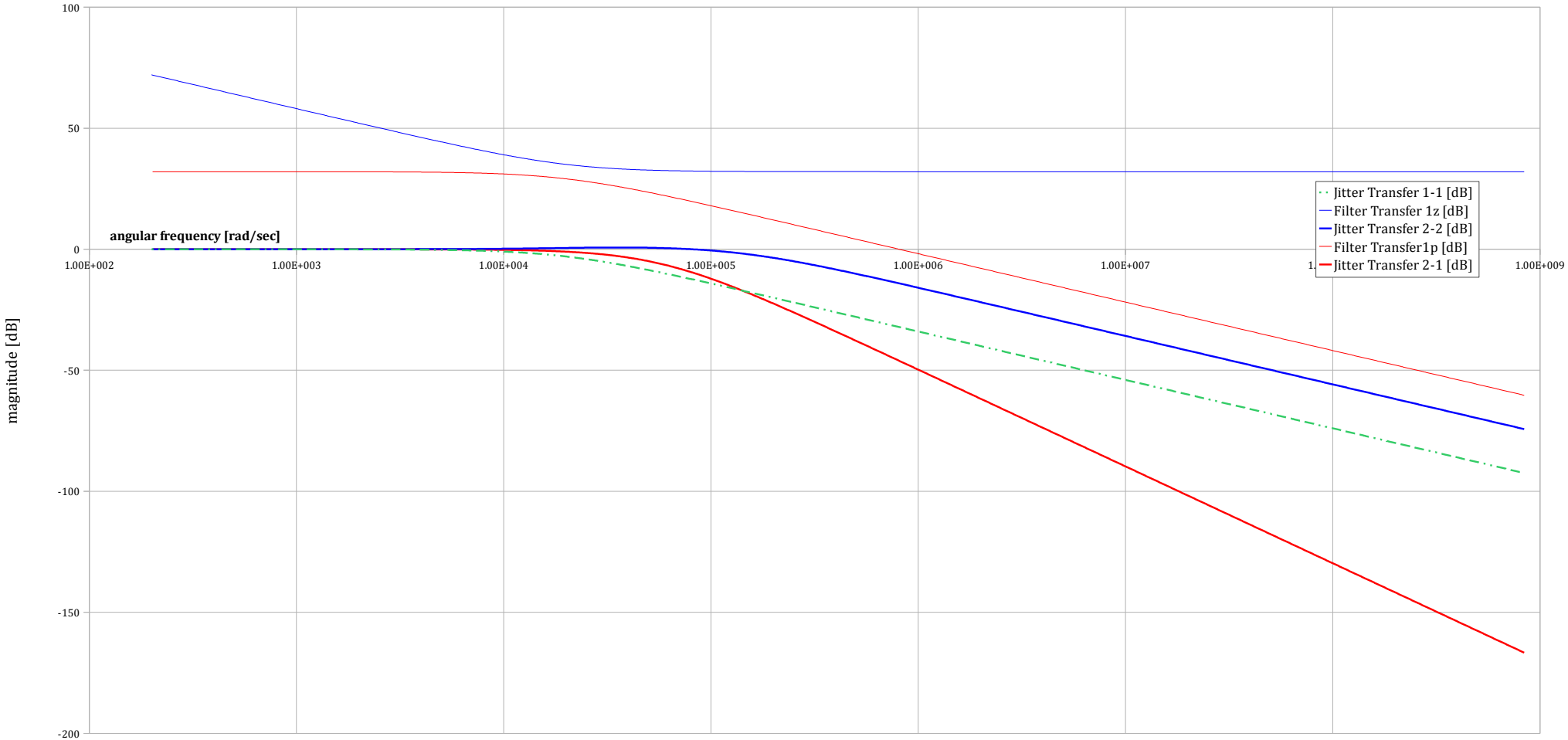
Jitter Transfer functions



These curves holds good as long as the loop non-linearities are not involved. The signal levels shall not (significantly) exceed either the comparator range nor the filter saturation limits.

ω_{n2} = 5.66E+004 ζ_{22} = 1.414 $(\zeta_{22})^2 = (G\tau_f)/4$; $\zeta = \omega_{n2}/2\omega_z$ τ_c = 5.00E-005 G_f = 4.00E+001 G = 1.60E+005 τ_1 = 6.25E-006

ζ_{21} = 0.177 $(\zeta_{21})^2 = 1/(4G\tau_f)$; $\zeta = \omega_{n2}/2G$ ω_z = 2.00E+004 ω_1 = 1.60E+005