$$\alpha(\mathrm{i}) = 10^{\left[2.05\log\left(f_0/1000\right)+1.1394\times10^{-3}\theta-1.916984\right]}$$

$$+\eta(\delta)\times10^{\left[\log\left(f_0\right)+8.42994\times10^{-3}\theta-2.755624\right]}$$