$\mathrm{Re}\Sigma^{(2)}[G_H, U](\mathbf{k}, i\omega_n)$

Legend: ω_0, ω_1, ω_2, ω_3, ω_4, ω_5, ω_6, ω_7, ω_8, ω_9, $\mathbf{k}_F$

$n=1,\ U=2,\ \beta=2$

$N_{\mathrm{thread}} = 16,\ N_{\mathrm{meas}} = 5e+06$