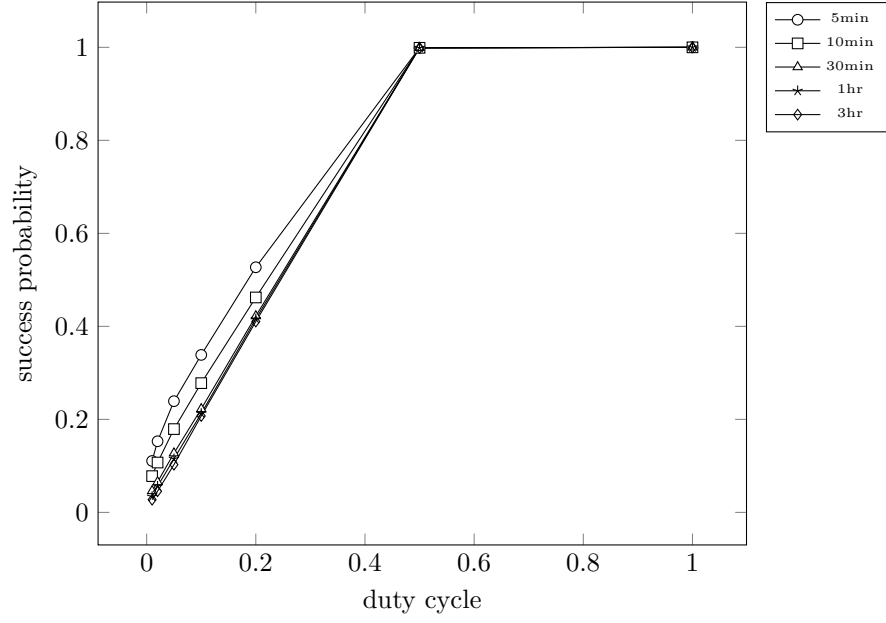
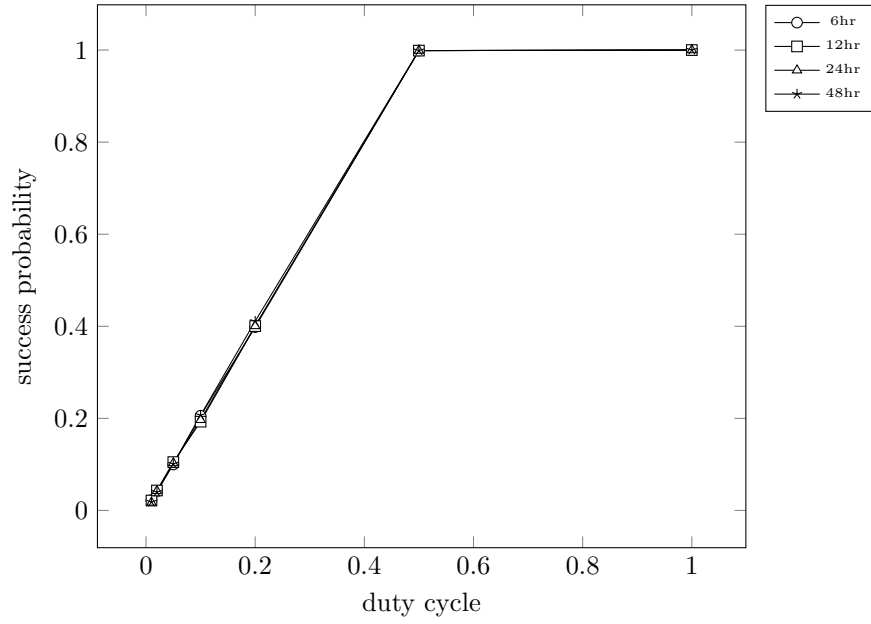


Figure 1: The minimum requirement of duty cycle in different update frequency and success probability



(a) Update Frequency from 5 min to 3 hr



(b) Update Frequency from 6 hr to 2 day

Figure 2: The success probability of different duty cycle and update frequency