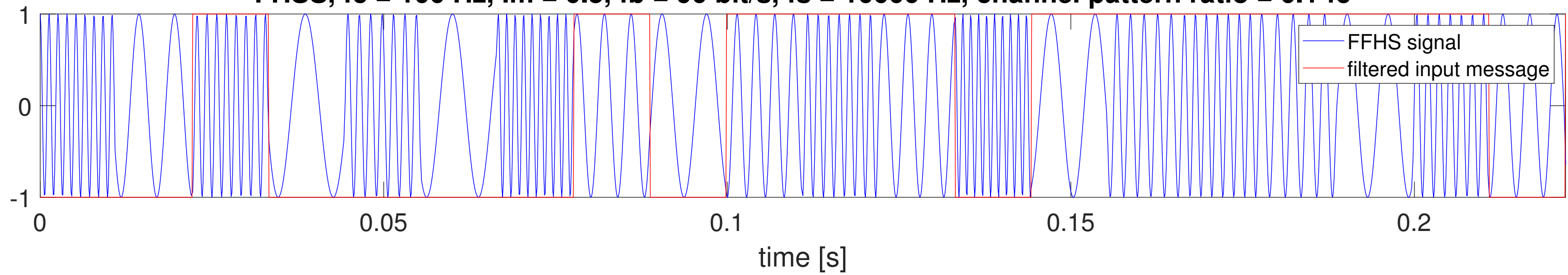
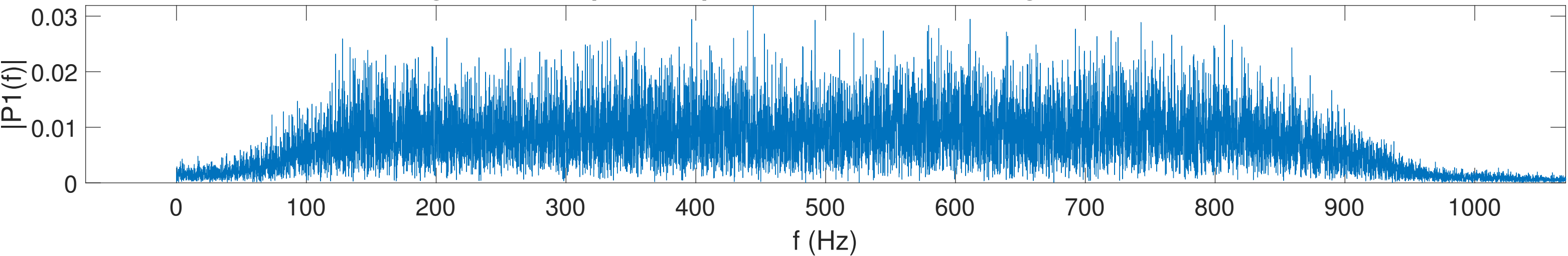


**FHSS,  $f_c = 100$  Hz,  $I_m = 0.5$ ,  $f_b = 90$  bit/s,  $f_s = 10000$  Hz, channel pattern ratio =  $0.1 f_c$**



**Single sided amplitude spectrum of FFHS , message = rand 1000 bits**



**Frequency hopping pattern**

