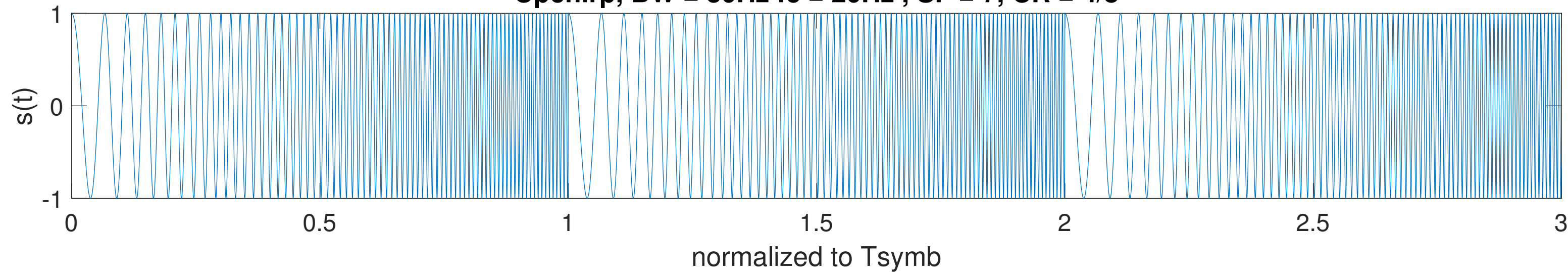
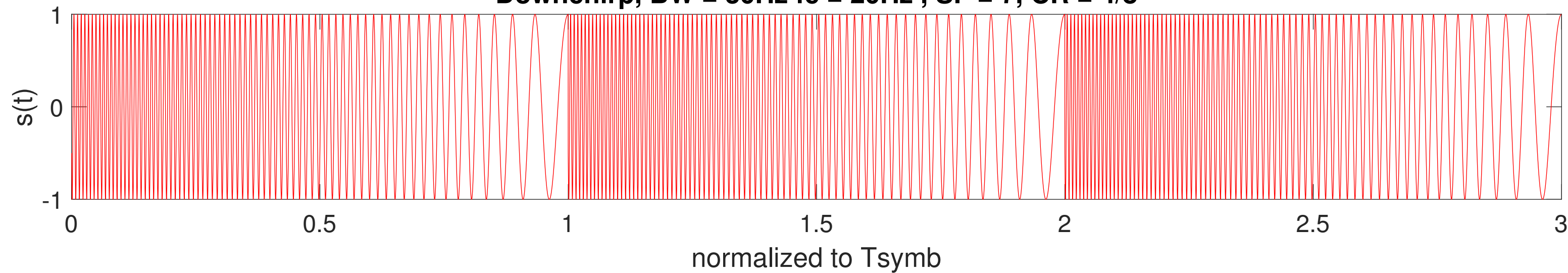


Upchirp, BW = 30Hz fc = 20Hz , SF = 7, CR = 4/8



Downchirp, BW = 30Hz fc = 20Hz , SF = 7, CR = 4/8



frequency of up and down chirps

