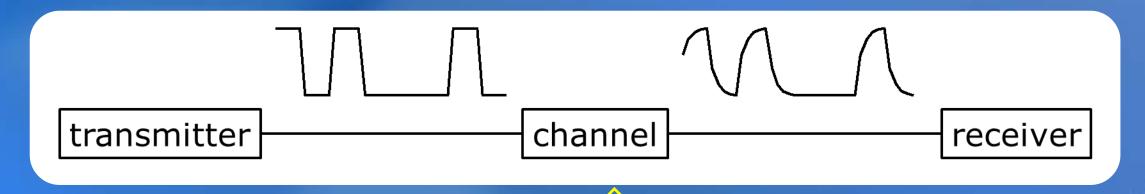
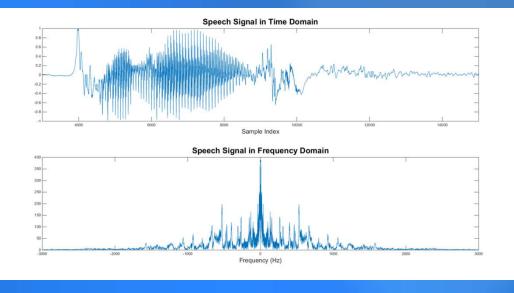
Frequency Analysis





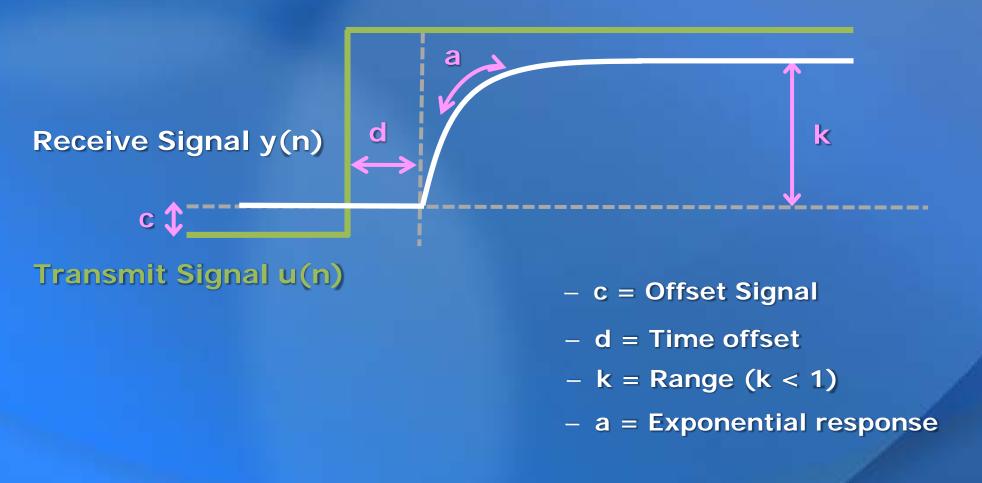
Frequency Analysis for Signals



Characterize the channel in frequency domain

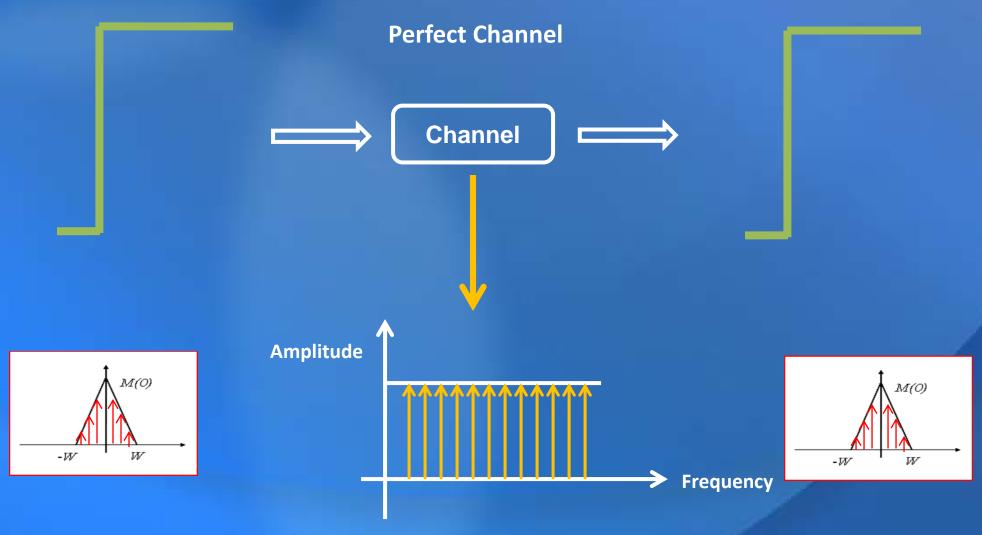
How will the channel affect different frequency components of the signal?

Step Response in Time Domain

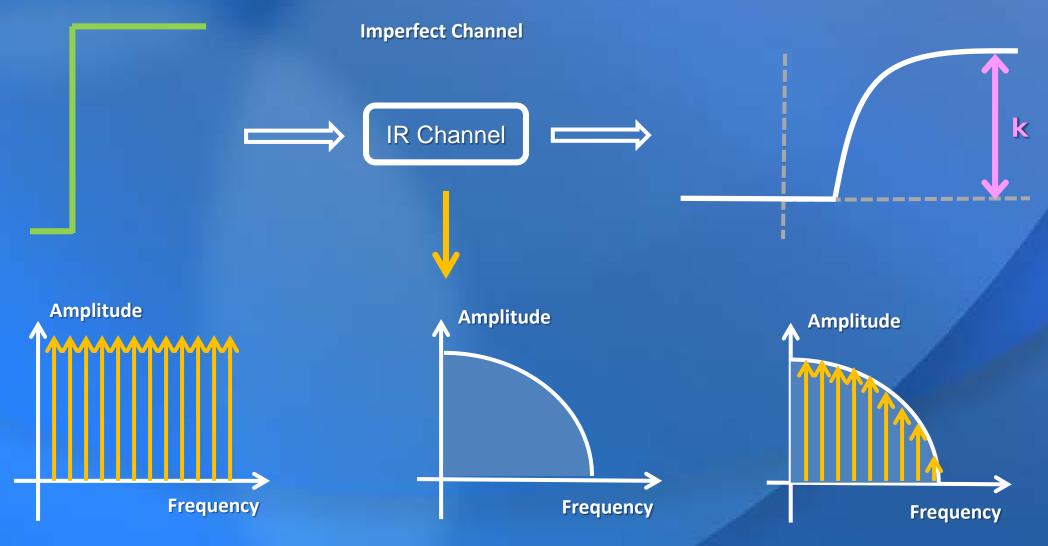


Mathematical Model: $y(n) = c + k(1 - a^{n+1-d}) u(n-d)$

Frequency Response

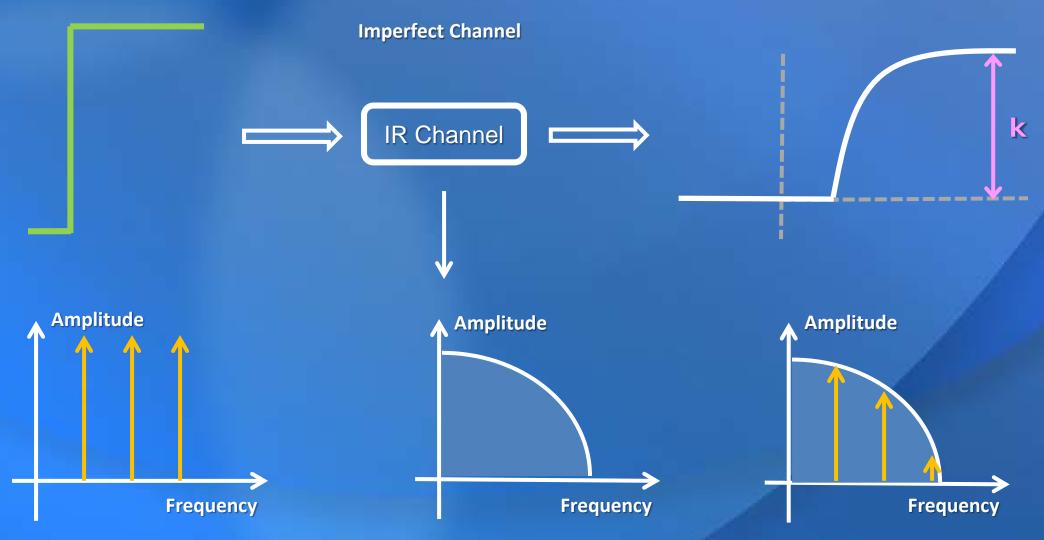


Frequency Response

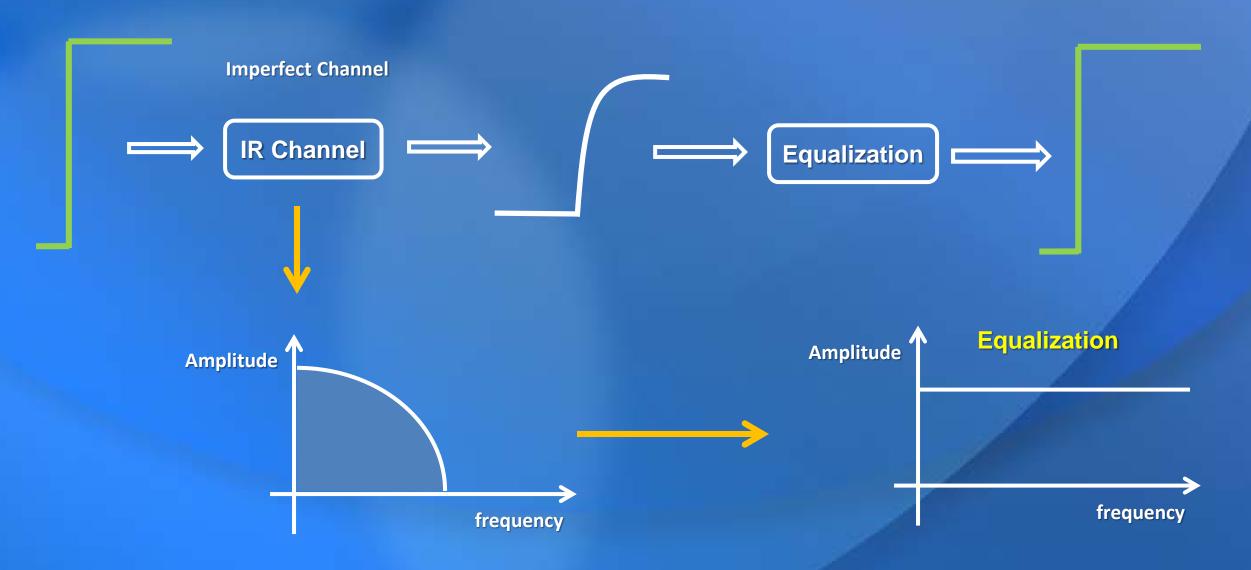


Matlab Program

Frequency Response



Equalization in Time & Frequency Domains



Matlab Program

Equalization in Time & Frequency Domains

