



SPREAD SPECTRUM

- ▶ Spread Spectrum refers to a system originally developed for military applications, to provide secure communications by spreading the signal over a large frequency band.
- ▶ Represents a narrow band signal in the frequency domain. These narrowband signals are easily jammed by any other signal in the same band.



FREQUENCY HOPPING

- ▶ Frequency Hopping Spread Spectrum (FHSS) is a method used to rapidly switch transmitting radio signals among several frequency channels.
- ▶ The FCC has certain regulations in place with which RFID readers must comply in order to transmit 1 W of output power.
- ▶ The FCC allows high output power if the system Uses FHSS.