



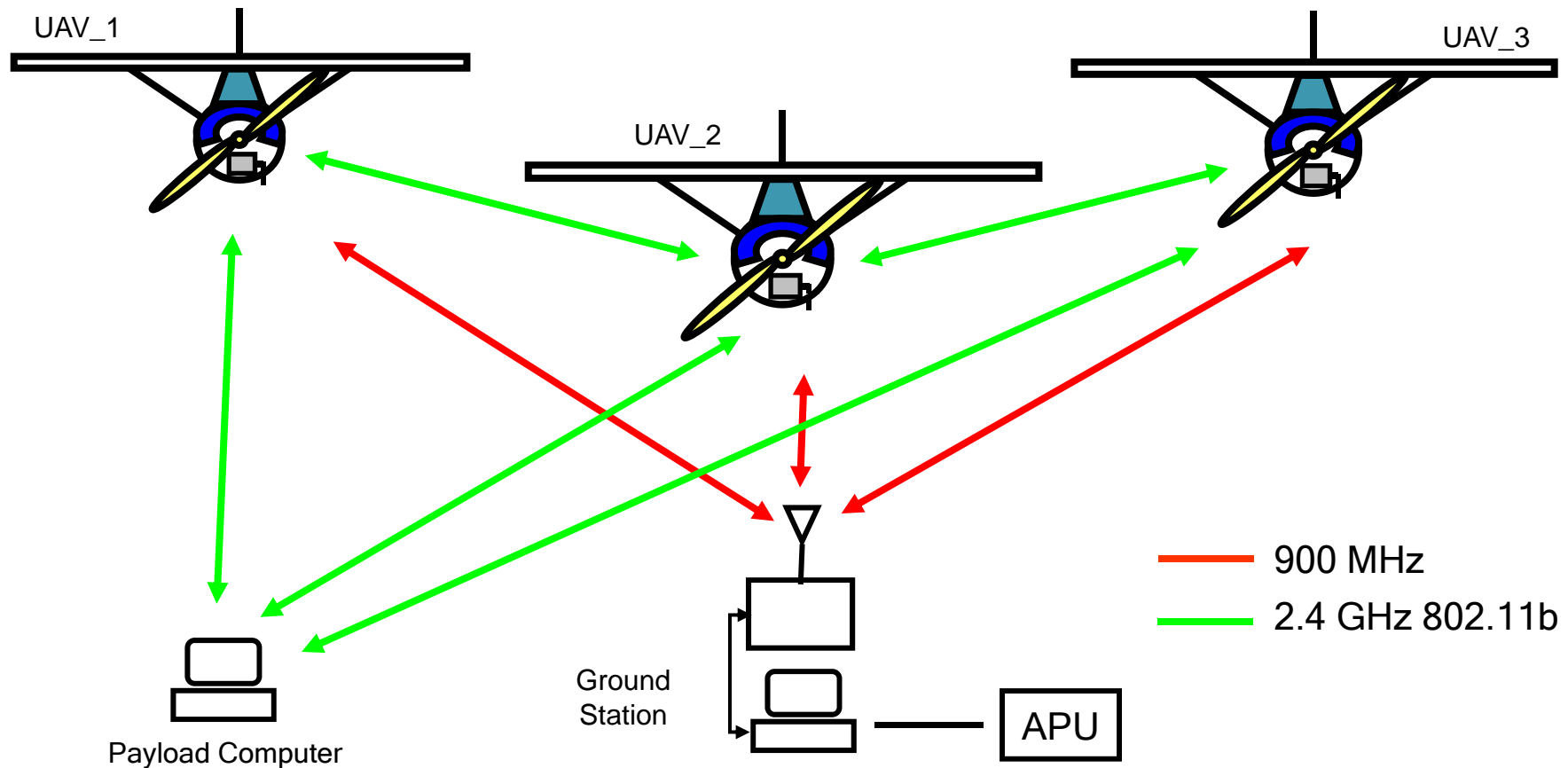
Communication Systems Description

- ▶ Guidance and Control Uplink/Downlink Frequency 900 MHz
 - Bandwidth: within FCC parameters
 - Power: 1 Watt
 - Antenna: Omni-directional on ground , unknown gain
- ▶ Video Downlink Transmitter 2.411 GHz
 - Bandwidth: within FCC parameters
 - Power: ~ 1 Watt
 - Antenna: standard stick antenna, unknown gain
- ▶ A/C-A/C-Ground Communication 2.411 GHz (802.11b)
 - Non-flight critical data between aircraft and the ground
 - Bandwidth: 83.5MHz
 - Power: < 1 Watt
 - Antenna: small Omni's on each aircraft, 5-10 dB gain





Communication Systems Description



- ▶ Ground station for high-level commands and safety override

