

# The COMWIN Antenna System



## COMbat Wear INtegration (COMWIN)

- Incorporate ultra broadband antenna into the uniform
- Snipers target radio operators
- Hiding the antenna will save the lives of soldiers



## Demonstrated Performance

- Line-of-sight operation to 10 km at 3W input power (63.9 MHz)
- Reception of signals in San Diego from Boulder at HF
- Video data (802.11b) displayed on laptop
- Safety from radiation hazard at 5W input power (30 to 400 MHz)