



# 6.3 Ultra Wideband Radio Assessment



### OBJECTIVES:

- Demonstrate possible communications solution for urban environments
- Demonstrate low-probability of detection communications for short range use
- Determine possible applications for further UWB developments

### PAYOFF:

- Possible solution for urban communications
- Possible solution for stealthy communications
- Possible solution for antenna remoting
- Possible application in realistic training

### TECHNICAL APPROACH:

- Test to confirm technical performance
- Work with PM Intel, PM Comms and MCWL to develop test and demonstration plan for UWB radios built under FY2000-2002 Dual-use program
  - 50 MHz
  - 2 GHz
- Demonstrate to determine possible military utility

Tasks	FY03	FY04	FY05	FY06
Develop Test/Demo Plan	△△			
Technical Tests	△_△			
Demonstrate		△_△		
Methods of Employment			△_△	

PERFORMER: SSC-SD