

# MULTIMEDIA TRAINING KIT

## ***Exercise: Outdoor Radio Simulation***

Developed by: Alberto Escudero Pascual, IT +46

---

This exercises assume that you have access to a PC/laptop which has the software Radio Mobile installed.

### **Exercise 1:**

Perform the radio simulation described in the handout/slides. Create at least two different types of “systems” using the provided equipment specification.

### **Exercise 2:**

Create a similar simulation (1 repeater and 2 clients) in the area where you are located at the moment. Place the repeater close to where you are located and see how far you can reach with the equipment you have access to (Exercise 1).

### **Exercise 3:**

Create a PtP link in the area where you are located at the moment. Study in detail the effect of tower height and Fresnel Zones.