

### **Experiment Description**

Special temporary authority (STA) is requested to operate in 2110-2170 MHz at Fort Benning, GA to demonstrate 3G cellular wireless communication network in a tactical package through several scenarios and test programs from October 1, 2013 through April 1, 2013. These tests will enable military personnel to test the radio and obtain and evaluate performance metrics of the radio. These operations will enable potential users and the manufacturer to better understand how cellular technology may be better used in defensive and military operations.

The device operates at low power, with a maximum output of 10 W, and significant interference is not expected. Harris will utilize RF survey equipment to the site to determine the spectral occupancy in an around the demonstration area to identify the operational frequency with the least spectral impact/conflict. Should the FCC grant the Harris Corporation request for the STA, Harris Networks will coordinate with existing and adjacent licensees prior to demonstrations as required.