

**HARRIS CORPORATION  
EXPERIMENTAL STA APPLICATION  
FILE NO. 1549-EX-ST-2017**

**AMENDMENT**

Harris Corporation ("Harris") hereby submits this amendment to its experimental Special Temporary Authority ("STA") request filed under #1549-EX-ST-2017. With this amendment Harris is revising the requested frequencies to avoid encumbered aeronautical spectrum. Harris is requesting experimental usage on the frequencies of 4430 MHz, 4530 MHz, 4700 MHz, 4930 MHz, and 5850-5925 MHz.

As previously noted, the STA will be utilized to support experimental testing and development of a multi-channel handheld platform unit. The proposed testing will test advancements of existing waveforms as well as new, higher data rate waveforms. The experiment will utilize one base station radio and up to 6 mobile radios sending a combination of voice, data, telephony, and video transmissions. Testing will occur on a fixed/mobile radius surrounding Harris' facility located in Rochester, NY. All experimental testing will be conducted in conjunction with the development of equipment utilized by US Military forces.