

Clarification

This supplement is being submitted by Harris Corporation (“Harris”) to clarify the experimental operations proposed in the above-captioned experimental Special Temporary Authority (“STA”) application.

The testing to be performed under this project is strictly for developmental purposes. Subsequent to the evaluation, Harris intends to develop military products using the same fundamental technology, but operating in a different frequency band allocated and approved for use by military customers. No product will be developed for operation in the 3.5 GHz band as a result of this experimental project.

Harris elected the 3.5 GHz band for this experiment because equipment is readily available for testing in this frequency band, whereas equipment is not readily available for testing in the frequency bands ultimately to be used. The primary frequency band targeted for use by the military is the 4.4–5.0 GHz band. This band is shared, with the primary users being the U.S. Government (Military), NATO (NATO Band IV) and Public Service. However, commercial equipment does not operate in this band, for obvious reasons.

As a baseline design, Harris is planning to use commercially-available equipment such as the equipment identified herein, which has features similar to the intended product. The equipment identified in this application operates in the 3.5 GHz band, which is commonly utilized for broadband services in Europe and other parts of the world. Harris intends to perform tests with this equipment to evaluate its performance characteristics prior to selecting a hardware baseline for future military broadband wireless network products using other frequency bands.

Harris has carefully designed its proposed experimental operations to minimize the potential for interference to existing military operations in the 3.5 GHz band. Specifically, Harris has confined the area of experimental operation to the Harris Palm Bay, Florida campus, and will operate at very low power (200 mW-4.8555 watts). In addition, Harris will cease operations immediately upon notification of interference being caused by its experimental operations, pursuant to a “stop buzzer” contact.

The stop buzzer contact for this project is A. Don Darby, tel: 321-309-5226, mobile: 321-720-7109, e-mail: adarby@harris.com, alternate contact Joe Nolis, tel:321-309-5316, mobile: 321-508-1695, email: jnolis@harris.com.