

ELTA North America Request for FCC Experimental License

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Question 7: Purpose of Experiment

This application is being made to support the testing and evaluation of ELTA TAC-4G LTE cellular phone system. The TAC-4G system is a man-portable LTE cellular base station designed to provide quickly deployable, broadband communications for the Department of Defense.

These tests will be conducted for production tests, and to demonstrate products to customers. Tests and demonstrations will be conducted at ELTA's facility located at 11840 West Market Place, Fulton, MD; Ft Benning, GA; and near Butlerville, IN. The Fulton location is located in a mixed-use business development of mostly single-story buildings. Demonstrations at Ft Benning will be conducted at the McKenna Leyte Heliport which is a remote training area. Demonstrations in Indiana will occur at the Muscatatuck Urban Training Complex and Jefferson Proving Grounds.

Typical tests and demonstrations are of short duration, conducted on short notice, and may be requested multiple times by a potential customer. An experimental license is being requested in lieu of a Special Temporary Authorization to accommodate these requirements.

ELTA NA acknowledges that experimental operations will be on a non-interference basis and will coordinate with licensees in the requested frequency bands.