

ELTA North America Request for FCC Experimental License

Form 442 File Number: **EL352177**

Form 442 Confirmation Number: **0786-EX-CN-2018**

1 October 2018

Question 7: Purpose of Experiment

This application is being made to support the testing and evaluation of ELTA Drone Detection Systems. These tests will be conducted to develop/prove equipment designs, conduct production tests and equipment calibration, and demonstrate products to customers. Tests will be conducted in Pima County, Arizona in a designated location. These locations are in a rural desert area.

The DFEND Enforce Air system is a non-jamming drone detection, identify, and control system. The system will transmit in the 433.05 – 434.09 MHz and 2.4-2.5 GHz frequency bands from a 3.5dBi gain omni antenna with a 55-degree vertical beam.