

## **ELTA North America Request for FCC Experimental License**

Form 442 File Number: **EL352177**

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

1 October 2018

### **Modulating Signal Description**

The DFEND Enforce Air system operates in the 433.05-434.09MHz and 2.4-2.5 GHz frequency bands.

433.05-434.09MHz band – Modulation is GFSK, 38kHz bandwidth.

2.4-2.5 GHz band - Modulation is OFDM, 1.22MHz bandwidth, frequency hopping with 2.3 MHz spacing and 36% duty cycle.

Peak power into the antenna is 34dBm and the Antenna has 3.5dBi gain (Omni). Frequency tolerance is 10PPM (0.001%).