

ELTA North America Request for FCC Experimental License

Form 442 File Number: **EL352177**

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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%).