

ELTA North America Request for FCC Experimental License

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Form 442 Confirmation Number: EL213264

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Question 7: Purpose of Experiment

- a. The radar will be demonstrated to potential customers including US Government and US Military officials.
The ELM-2105 system is a pulse-doppler radar with a bandwidth of 200 MHz and center frequency of 10.4 GHz. Transmission power is 10 Watt with a 10% duty cycle (1 Watt avg. power).
- b. The radar is designed to detect ground targets at 8 km for a person and up to 15 km for a vehicle.
- c. The ranges described above are threshold criteria for the customer. Successful test may result in a contract award.