

ELTA North America Request for FCC Experimental License

Form 442 File Number: 0590-EX-PL-2015

Form 442 Confirmation Number: EL826111

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Question 7: Purpose of Experiment

This application is being made to support the testing and evaluation of the ELK-7012 Jammer. This jammer is intended to interfere with GPS L1 transmissions at 1570-1620 MHz and radio-controlled systems operating in the 2400-2500 MHz ISM Equipment band. These tests will be conducted to test and verify equipment designs, conduct production tests, and demonstrate products to US federal agency customers. ELTA NA has been requested by various federal agencies to demonstrate the ELK-7012 at multiple locations including Ft Huachuca, AZ; Camp Dawson, WV; Camp Shelby, MS; Deer Mill, NM; Gillespie Peak, NM; Camp Roberts, CA; Fort A.P. Hill, VA; and Fort Sill, OK. At all the above locations the antenna will be mounted on a tripod of less than 1.5 m in height.

It is essential that these tests be performed outside of a laboratory or anechoic chamber to create the necessary electromagnetic environment.