



Attachment to FCC Form 442 1/19/17

File Number: 0053-EX-CN-2017

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QUESTION 4: STATEMENT REGARDING GOVERNMENT CONTRACT

This is a 5-year Phase III Small Business Innovation Research (SBIR) Government contract with Air Force Research Lab (AFRL):

Contract #: FA9453-16-C-0033 (PhaseNet III)

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Purpose of the contract is to test a network-assisted PNT acquisition algorithm to run on tactical radios. The algorithm is designed to provide improved acquisition performance in a GPS jammed environment by leveraging an innovative assisted GPS architecture where navigation and timing data are shared across the tactical radio network. NAVSYS will be obtaining 10 AN/PRC-148B MBITR2 ground tactical handheld radios from Thales Defense & Security, Inc. These units are in production, and are a fielded unit. NAVSYS will be using them to test the new algorithm with tactical radios.

NAVSYS only needs to transmit using the radios at a single frequency, in order to transmit the data required to test the algorithm. The MBITR2 radio is a software-defined radio (SDR), which can be programmed for many channels, but the intent is to program it to only transmit at a single frequency. The frequency that we submitted this Experimental License application for is 1378 MHz.



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