

PROPOSED PROGRAM

FLIR Detection, Inc. is the designer and manufacturer of hand held devices that detect and identify radioactive materials. As a feature on some of our products, we include the ability to provide GPS coordinates on the device. In order to ensure proper functionality of the GPS receivers in our devices, we must test them accordingly. We have been using two GPS repeater kits under our experimental license with file number 0365-EX-CR-2018. The repeaters are manufactured by GPS Source (64 N. Mission Dr., Pueblo West, CO 81007), which is a company that specializes in GPS products used for commercial, military, and personal GPS solutions. We have moved our service department to another section of the building and need to move one of these GPS repeaters to that area.

OBJECTIVES

The specific objectives to be accomplished with the continued use of these products is

- To provide our test/development area with re-radiated GPS signals
- To make the GPS development process more convenient and efficient for next generation devices
- To provide efficient testing of our GPS capable products that are currently in production
- To provide efficient testing of our GPS capable products that are returned for routine service

EXPERIMENTATION CONTRIBUTION

FLIR Detection Inc. is one of the only manufacturers to provide GPS capability in handheld radiation detection/identification instruments. Including this technology in our devices sets the mark for similar instruments in the future and, therefore, aids in the progression of GPS use in comparable handheld devices.