

Government Project Description

The purpose of this research program is to evaluate a new RF method for remotely detecting electronic devices. This method has been tested in an RF anechoic chamber but needs to be evaluated in an outdoor environment. Testing will involve emitting specific RF frequencies which are proprietary and export controlled and spatially scanning a line-of-site (1m to 100m) field-of-regard with directional helical antenna. The details of the RF pulse characteristics, helical antenna, spatial scanning, and ultimate application are all considered to be government sensitive information and are export controlled. This project is being done under contract with the United States Department of Defense specifically the Army Us Space and Missile Defense Command and the Leonard Wood Institute. The USASMDC contract number is no. W9113M-09-C-0046. The point of contact is Dr. Larry Altgilbers, 256-955-1488. The Leonard Wood Institute contract no. is W911NF-07-2-0062. The point of contact is Mr. Dorsey Newcomb, 573-329-8502. The specific contract and agency are considered to be government sensitive information along with the specific defense-related application area that this work is addressing.