

WF2XVM Renewal Description

Lockheed Martin is requesting a 24month renewal of WF2XVM to continue advance technological innovation that will improve the reliable detection, tracking, and geographic radiolocation of moving people and vehicles.

The testing to use multiple commercial Furuno FAR-2127 radar sensors, with 4ft, or 6.5ft, or 8ft wide Furuno slotted waveguide antennas, temporarily installed on buildings or portable test towers.

Up to 3 radar sensors are proposed with Vista Research enhanced signal processing for verification testing and demonstrations of land surveillance. Data collections from demonstrations and integration testing will provide technology advancements in more reliable detection of known people and vehicles in flat low clutter and rugged high radar clutter environments.