

Project Description

The 24 month test signal application is requested for evaluation of new radar technology currently under development with Lockheed Martin Company (LMC) funding. The proposed test antenna location is south of Syracuse in existing LMC test facilities, near the township of Cazenovia NY.

Intermittent operation is proposed for the advancement of a Low Frequency Sensor (LFS) radar, where combinations of mixed test signals verify the radar capability to locate RF signals from a known geographic location. These RF beacon test signals are used to calibrate the LFS radar system radiolocation data, including verification of radar countermeasures.

The LFS Radar is licensed separately under current authorization WF2XWW, FCC file number 0399-EX-PL-2011.