

DARPA Contract: W31P4Q-08-C-0366.

Title: Spread-Spectrum Digital Beamforming

Narrative: Applied Radar is developing a novel phased-array radar antenna that utilizes novel spread-spectrum digital beamforming processing. A rooftop antenna range will be setup with corner reflectors to calibrate and demonstrate the antenna system. The system will detect, track, and locate other signals of opportunity including cars and pedestrians located within a 5 nautical mile radius.