

Exhibit
Technical Data
Syracuse testing

Emitter Equipment Group

Test Plan –

Syracuse University Technology Building Lab – Roof top programming and development
43° 02' 11" N. 076° 08' 02" W. Located near Archibald Stadium.

Lockheed Martin Radar Test site corner of Tarbell and Moutz Roads Syracuse Operations
43° 05' 24" N. 076° 06' 00" W. Industrial Park Setting.

Lockheed Martin Building Engineering Offices EP-5, Liverpool, NY
43° 06' 39" N. 076° 11' 20" W.

For each emitter location:

Test setup will be the same at each location. Each Location has a different purpose. The system will be programmed and debugged at Syracuse University and be used at the test site and demonstrated at the engineering offices.

The SU site will use roof top antennas between adjacent buildings. The adjacent building roof will use a half meter reflector mounted on a tripod as a target. The signal will originate on the technology building roof top and be reflected off the adjacent building back to the technology building for reception. The transmit power input to the antenna will be limited to a maximum of +13 dBm. The transmit antenna gain will be limited to +10 dBi maximum and focused on the reflector on the adjacent building.

If you have any questions please contact Claude Caci as noted in the application.