

The program is in support of Homeland Security and Customs and Border Patrol (CBP) RFI's which include MANET (Mobile Adhoc NETWORKing) radios. The goal of our program is to perform lab data throughput and voice sensitivity tests on several vendor's MANET radios systems, then perform Over-The-Air (OTA) testing to support determination of real-world range expectations versus lab conditions.

Initial testing will be performed on the GDMS campus that spans between McDowell Road and Roosevelt Street and between Hayden Road and Granite Reef Road in Scottsdale.

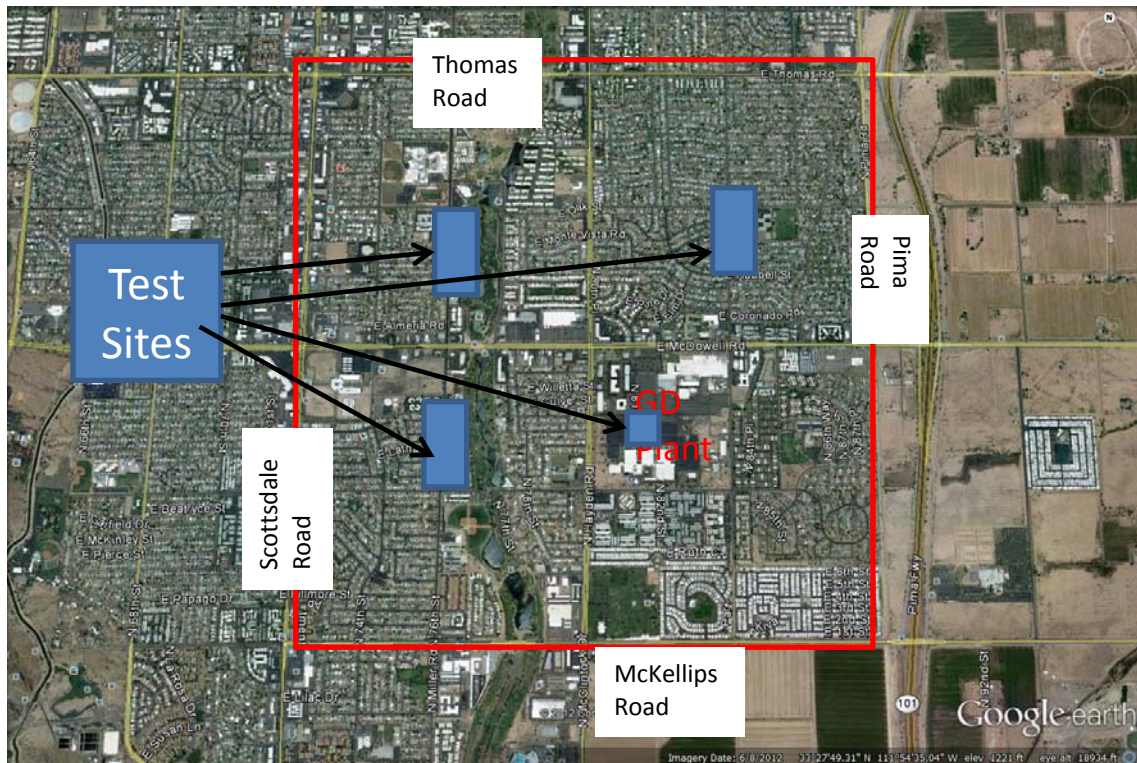
The equipment will be transported in vehicles and driven to the test sites shown in the map below. The vehicles will park and testing will be performed. Some test personnel will stay on the GD Campus. Testing will be performed either by a second person in the car or the driver will stop prior to conducting any testing. Testing could be either voice or data.

Number of Radios: Between 5 and 10

Number of Testers: Between 5 and 10

Test Duration: 3 – 6 hour Days

Quadrant Test Area



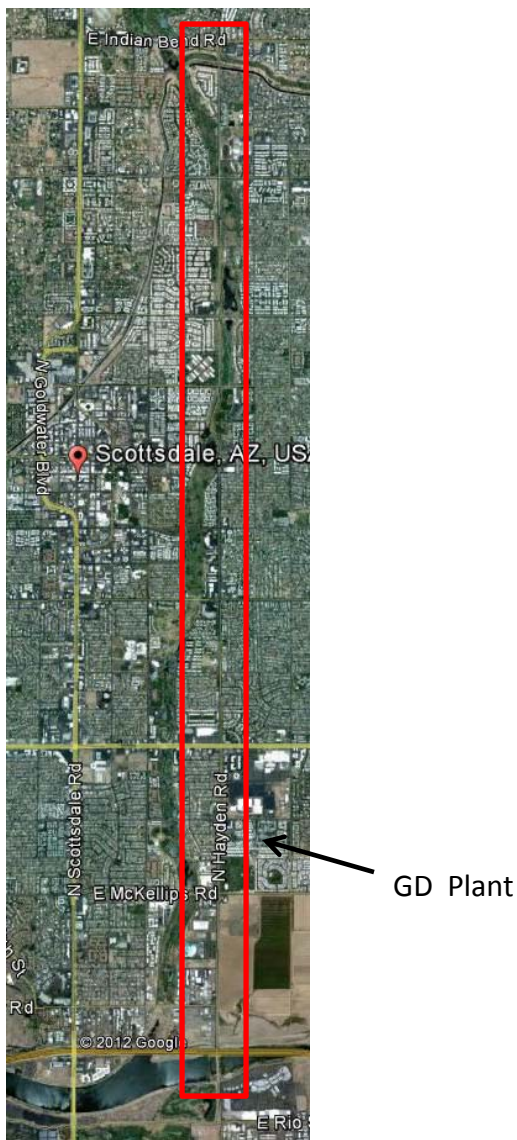
The equipment will be transported in vehicles and driven to the test area shown in the map below. The vehicles will drive on Hayden road between Loop 202 and Indian Bend Road. One vehicle will park along the route and the remaining vehicles will drive to various places along the route and stop to verify radio range performance. Testing could be either voice or data.

Number of Radios: Between 2 and 6

Number of Testers: Between 2 and 6

Test Duration: 1 – 6 hour Day

Range Test Area



Extended Range Test Area:

The equipment will be transported in vehicles and driven to the test area shown in the map below.

Number of Radios: Between 2 and 10

Number of Testers: Between 4 and 10

Test Duration: 1 – 6 hour Day

Extended Range Test Area

