

Narrative

a) The complete program of research and experimentation proposed including description of equipment and theory of operation.

This drive testing will enable Northrop Grumman to select the buildings that will be used for the Phase I pilot project with the City of New York.

b) The specific objectives to be accomplished:

The specific objective is to determine which buildings provide the best coverage for the pilot area; the drive testing will demonstrate the coverage that is provided from each prospective site.

c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art or is along lines not already investigated.

This testing will demonstrate the coverage provided from new 4G wireless technology in an urban environment. This testing will also be used to fine-tune the propagation models associated with this type of technology.