

If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:

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

The program of experimentation consists of over-the-air test of an OFDM broadband wireless system (base stations and mobile units) based on the mobile WiMAX standard.

The equipment will be developed by BRN Phoenix for operation in the BRS/EBS band at its facilities in Santa Clara.

The equipment is being designed for certification under FCC Part 27 (BRS/EBS) rules.

The equipment will operate over an active bandwidth of 5 MHz and 10 MHz and utilize either 432 or 964 OFDM subcarriers.

b. The specific objectives sought to be accomplished.

The specific objectives to be accomplished are:

- Parametric verification of the performance of the equipment developed
- Characterization of the propagation environment and the behavior of the system in that environment
- Validation of the functional behavior of the equipment being developed

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 line not already investigated.

The system will utilize the mobile WiMAX physical layer but will incorporate multi-antenna signal processing to increase coverage performance and spectral efficiency.