

EchoStar Broadband

Exhibit 1

This application is for an experimental license to allow EchoStar Broadband to engage in testing and evaluation of existing and developing RF technologies, equipment and services. EchoStar proposes to use of a variety of modulation techniques and power levels in the 2500-2655 MHz band.

The primary testing areas will be in/around Atlanta GA and in/around Kansas City MO/KS. However, since a significant portion of the general public live in rural areas, some testing may be conducted in numerous and varied locations in the States of Georgia, Missouri and Kansas, thereby necessitating that the experimental license be granted for statewide use.

Some objectives of planned testing are:

- 1) Evaluate feasibility of deploying various wireless technologies to provide high speed data, Internet access, and voice services to typical customer locations.
- 2) Evaluate pre-WiMAX, WiMAX (IEEE 802.16), and DVB systems for point-to-multipoint services in line-of-sight and non-line-of-sight environments.
- 3) Evaluate propagation and interference to determine required tower locations.
- 4) Evaluate assets and efforts required for deployment and support of systems tested.

Because EchoStar is constantly engaged in R & D projects to evaluate emerging technologies toward offering new services for the benefit of our existing and potential subscribers, we feel that grant of this license would serve the public interest.