

EchoStar Broadband

Exhibit 3

Antenna Information

Any of the following types of antennas (or similar) may be used in the WiMAX, pre-WiMAX and DVB equipment trial experiments at various locations and orientations in Georgia, Missouri or Kansas:

2.5 GHz Band Antenna Information:

<u>Antenna Beamwidth</u>	<u>Gain (dBi)</u>
Omni-directional	10
60 degree sector	17
90 degree sector	16
120 degree sector	14
33 degree subscriber	14