

## Antenna Statement and Certification

The 4 GHz antenna pattern contained with this application exceeds the CFR §25.209 sidelobe specification for the sidelobe envelope in the  $\pm 1^\circ$  to  $1.5^\circ$  region by a maximum of 6 dB, at 4 GHz. Outside the main beam, the antenna meets the requirements of §25.209.

There are currently no satellites located within  $1.5^\circ$  of the applicant's desired satellites.

The applicant agrees to accept any adjacent satellite interference in the 4 GHz receive band as a result of the performance of the antenna in the  $1^\circ$  to  $1.5^\circ$  region. The applicant understands that no adjacent satellite interference protection will be available in the  $1^\circ$  to  $1.5^\circ$  regions. The applicant understands that adjacent satellite interference protection applies only to the extent of the criteria set forth in §25.209.