

Antenna Statement and Certification

The 4 GHz antenna pattern contained with this application exceeds FCC Part 25.209 sidelobe specification for the sidelobe envelope in the ± 1 degree to 1.5 degree region at 4 GHz. Outside the main beam, the antenna meets the requirements of FC Part 25.209.

There are currently no satellites located within the 1.5 degrees 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 degree to 1.5 degree region. The applicant understands that no adjacent satellite interference protection will be available in the 1 degree to 1.5 degree regions. The applicant understands that adjacent satellite interference protection applies only to the extent of the criteria set forth in FCC Part 25.209.