

Antenna Statement

Comtech 3.8 Meter Antenna

This antenna statement for the 4 GHz spectrum is based on the following information:

The Comtech 3.8 meter 4 GHz antenna contained with this application exceeds the CFR §25.209 sidelobe specification for the sidelobe envelope in the $\pm 1.5^\circ$ to 2.0° region. Outside the main beam, the antenna meets the requirements of §25.209.

The applicant agrees to accept any adjacent satellite interference in the 4 GHz receive band as a result of the performance of the Comtech 3.8 meter antenna in the 1.5° to 2.0° region. The applicant understands that no adjacent satellite interference protection will be available in the 1.5° to 2.0° regions. The applicant further understands that adjacent satellite interference protection applies only to the extent of the criteria set forth in §25.209.