

Antenna Statement
General Dynamics (Prodelin) Model 1383

The 6 GHz antenna pattern contained with this application meets the antenna performance standards set forth in CFR §25.209.

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° 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 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° to 1.5° region. The applicant understands that no adjacent satellite interference protection will be available in the 1° to 1.5° regions. The applicant understands that adjacent satellite interference protection applies only to the extent of the criteria set forth in §25.209.

Recent License granted using this same waiver is E140120, SES-LIC-20141121-00867.