



REQUEST FOR EXPERIMENTAL AUTHORIZATION

The following information is presented to the FCC by Blue Sky Network, LLC to support the request for experimental authority to demonstrate and test earth station facilities in connection with Iridium Satellite LLC's non-geostationary satellite orbit space station constellation (Call Sign S2110). Blue Sky Network, LLC seeks authority for a period of twenty-four (24) months.

Ground Station Antenna

1. **Polarization:** Right hand circularly polarized (per ITU-R Recommendation 573)
2. **Azimuth (degree clockwise from True North):** NA omni directional half hemisphere
3. **Elevation (MSL in meter):** 470 meters
4. **Antenna height (AGL in meter):** 12 meters

Space Station

Not Applicable, see:

{{ **Full Title:** *Iridium Constellation LLC Application for Modification of License to Authorize a Second-Generation NGSO MSS Constellation*

Document Type(s): *O&A*

Bureau(s): *Engineering & Technology, International*

Description: *Authorize Iridium to construct, deploy, and operate non-geostationary-satellite orbit space stations*

DA/FCC #: *DA-16-875*

File #: *SAT-MOD-20131227-00148*

FCC Record Citation: *31 FCC Rcd 8675 (11) }}*

Orbital Characteristics: (*NA above)