



**SATELLITE EARTH STATION AUTHORIZATIONS**  
**FCC Form 312 - Schedule B:(Technical and Operational Description)**

**FOR OFFICIAL USE ONLY**  
**[INSTRUCTIONS]**

*2 copies of this form section exist.*

**ANTENNA GAIN**  
**Site Identifier: RTN Raaleigh NC**  
**Antenna ID: RTN1\_8A**

E41: Antenna Gain Transmit and/or Receive 46.5 dBi at E42: 14.25 GHz

**ANTENNA GAIN**  
**Site Identifier: RTN Raaleigh NC**  
**Antenna ID: RTN1\_8A**

E41: Antenna Gain Transmit and/or Receive 45.0 dBi at E42: 11.85 GHz