

Technical Summary
 Summary of Extended C-band Frequencies Information
 For Coordination with NTIA

November 17, 2006

Applicant: Loral Cyberstar L.L.C.

Location: Mt. Jackson, VA

File No.: SES-STA-20061107-01961

Call Sign: E000706

Purpose: Loral Cyberstar L.L.C. seeks STA from 1/07/2007 through 3/31/2007, to test and provide LEOP services for the WildBlue-1 satellite, which is expected to be launched on 12/08/2006.

Latitude 38 43 42 N

Longitude 78 39 28. W

Transmit frequency 5856.5-5860.0 MHz

Receive frequency

Polarization H,V

Antenna Size: 13.2m

Gain: Tx: 56.8 dBi at 06 GHz

RX:

<u>Emissions</u>	<u>Maximum E.I.R.P.</u>	<u>Maximum E.I.R.P. Density</u>	<u>Frequency</u>	<u>Modulations</u>
960KF2D	73	50	5856.5-5860.0 (MHz)	TT&C FM CM/PSK

Satellite: WildBlue 1
 Orbital Location: Launch and Early Orbit
 Satellite Arc (E/W): 0 degrees to 360 degrees
 Elevation Angle (E/W): 5 degrees to 90 degrees
 Azimuth (E/W) 0 degrees to 360 degrees

