

## EXHIBIT A

### Special Temporary Authority Application Summary of Extended C-band Earth Station Technical Information For Coordination with NTIA

Date sent to OET: 5/28/2002

Applicant: New Skies Networks, Inc.

File No.: SES-STA-20020515-00826

Call Sign: E000696

Purpose of STA: Begin primary C-band communications with NSS-7 satellite, which was launched April 16, 2002 and is currently undergoing testing

STA term: 180 days

Site Location: Bristow Teleport Facility  
8000 Gainsford Ct.  
Bristow, VA 20136 (Prince William County)

Latitude: 38° 47' 2.4" N  
Longitude: 77° 34' 21.9" W

Transmit frequency (in MHz): 5850-5925  
Receive frequency (in MHz): 3625-3700

Polarization: H, V, L, R

Antenna Size: 16.4 m  
Gain: Tx: 58.9 dBi @ 6.175 GHz  
Rx: 55.1 dBi @ 3.95 GHz

Maximum antenna height: 17.4 m (above ground level)  
103.8 m (above mean sea level)

<u>Frequency Band</u>	<u>Emissions</u>	<u>Maximum E.I.R.P.</u>	<u>Maximum E.I.R.P. Density</u>
5850-5925 MHz	72M0G7W	85.4 dBW	42.9 dBW/4kHz
5850-5925 MHz	15K2G7W	61.9 dBW	56.1 dBW/4kHz
5850-5925 MHz	36M0F3F	85.4 dBW	58.4 dBW/4kHz

3625-3700 MHz	45K0G1X
3625-3700 MHz	6M87G7W
3625-3700 MHz	25M0G7W
3625-3700 MHz	41M9G7W
3625-3700 MHz	72M0G7W
3625-3700 MHz	36M0F8W
3625-3700 MHz	30M0FXW
3625-3700 MHz	20M0G7W
3625-3700 MHz	15K2G7W
3625-3700 MHz	36M0F3F

Satellite:	NSS-7
Satellite (Long.):	21.5 W
Elevation Angle (E/W):	14.8/39.6 degrees (Rx 3625-3700 MHz, Tx 5850-5925 MHz)
Azimuth (E/W):	110.2/147.1 degrees (Rx 3625-3700 MHz, Tx 5850-5925 MHz)

\*\*\* EMC analysis and Certification letter submitted 05/13/02