

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

Date send to OET: January 10, 2003

Applicant: Globecom Systems INC.

File Nos.: SES-STA-20030109-00031

Call Sign: E990402

Purpose of STA: to communicate with Hispasat C-1 satellite, extended Ku-band, at less than 68 dBW

STA term: 30 days from authorization

Site Location: 45 Oser Ave., Hauppauge, NY 11788-3816

Latitude: 40-48'-54.1" N.  
Longitude: 73-14'-17.8" W.

Transmit frequency: 13750-14000 MHz  
Receive frequency:

Polarization: Linear

Antenna Size: 9.0 m  
Gain: Tx: 60.1 dBi  
Rx: 59.1 dBi

Maximum antenna height: 9.0 m (above ground level)  
39.0 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>
13750-14000 MHz	615KG2D	57.4 dBW	35.5 dBW/4kHz
13750-14000 MHz	3M00G2D	64.0 dBW	35.2 dBW/4kHz

Satellite: HISPASAT C-1  
Satellite (W. Long.): 30 degrees WL  
Elevation Angle (E/W): 26.9 degrees  
Azimuth (E/W): 123.0 degrees

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