

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

Date send to OET: December 11, 2002

Applicant: Globecom Systems INC.

File Nos.: SES-STA-20021209-02097

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

Point of contact: Name: Mr. Jason S. Roberts
Phone: (202) 728-0400
Fax: (202) 728-0354