

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

Date send to OET: 10/27/2005

Applicant: Radio Sol 92 WZOL, Inc.

File No.: SES-MOD-20051025-01474
Call Sign: E050314

Site Location: San Juan, PR

Latitude: 18 ° 24' 23.9" N.
Longitude: 66° 1' 46.6" W.

Transmit frequency: 5850-5930 MHz
Receive frequency: 3625-3700 MHz

Polarization: Left and Right Circular

Antenna Size: 2.4 m
Gain: 42.0 dBi @ 6.175 GHz
38.0 dBi @ 3.950 GHz

Maximum antenna height: 6.1 m (above ground level)
9.15 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>
5850-5930 MHz	167KG7W	42.4 dBW	26.20 dBW/4 kHz
3625-3700 MHz	167KG7W		

Satellite: New Skies 806
Location: 319 degrees E.L.

Satellite Range 40.0/41.0
Elevation Angle (E/W): 53.3/54.2
Azimuth (E/W): 122.9/124.1