

Service Description-SES-14 Performance Testing:

Site Details

Contact Information:

Renato Dias
305-514-0001

Address:

10161 Range Line Rd
Port St. Lucie, FL 34987

Geographic Coordinates:

Latitude: 27.282 N

Longitude: 80.482 W

Site Elevation:

5 meters

Antenna Details

Antenna ID: PSL-K1
Manufacture/Model: General Dynamics/9.0m Cassegrain
Antenna Size: 9.0 meters
Antenna Gain Transmit: 60.1 dBi at 14.125 GHz
Antenna Gain Receive: 58.5 dBi at 11.725 GHz
Height Above Ground Level: [9.7] meters
Height Above Sea Level: [14.7] meters
Total Input Power at the Flange: [750] watts
Total EIRP for the test Carriers: [88.85] dBW

Operational Details

Frequency (GHz)	Transmit/Receive	Pol	Emissions Designator	Max EIRP per Carrier (dBW)	Max EIRP Density (dBw/4kHz)
13780-14000	T	H,V	72M0G7W	77.5	34.9
13778-14000	T	H,V	118MG7W	79.6	34.9
13770-13780	T	H,V	8M17G7W	68.0	34.9
13750-14000	T	H,V	8M17G7W	68.00	34.9
13750-13770	T	H,V	20M0G7W	71.90	34.9