



## Intelsat 21 at 302°E Satellite details

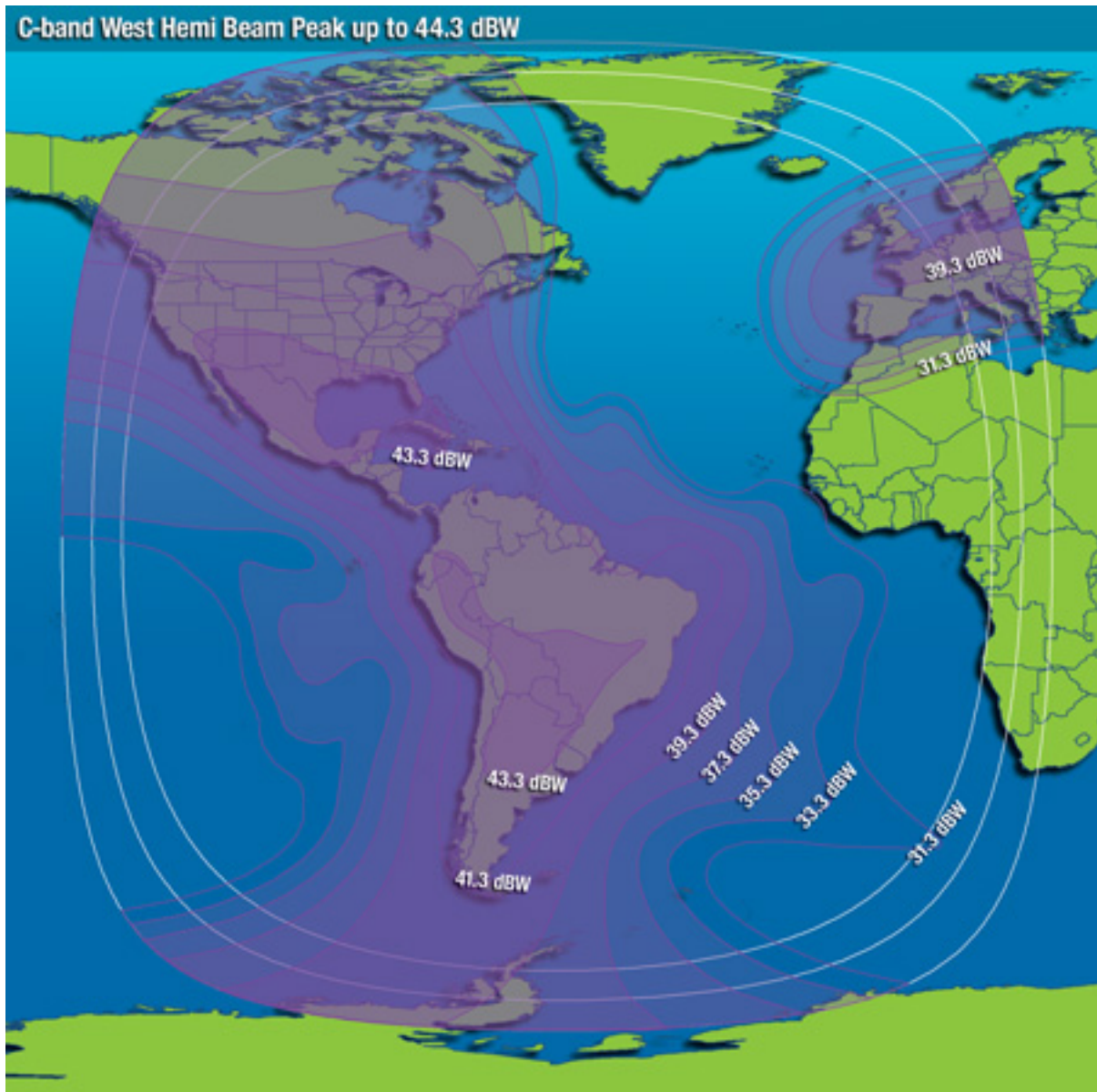
### C-band Key Parameters

Total Transponders	24 x 36 MHz
Polarization	Linear - Horizontal or Vertical
Downlink Frequency	3700 to 4200 MHz
Typical Edge of Coverage e.i.r.p.	> 31.3 dBW
Uplink Frequency	5925 to 6425 MHz
Beam Peak G/T	Up to 2.5 dB/K
SFD Range at Reference Contour	-96.2 to -68.2 dBW/m <sup>2</sup> (-9.8 dB/K)

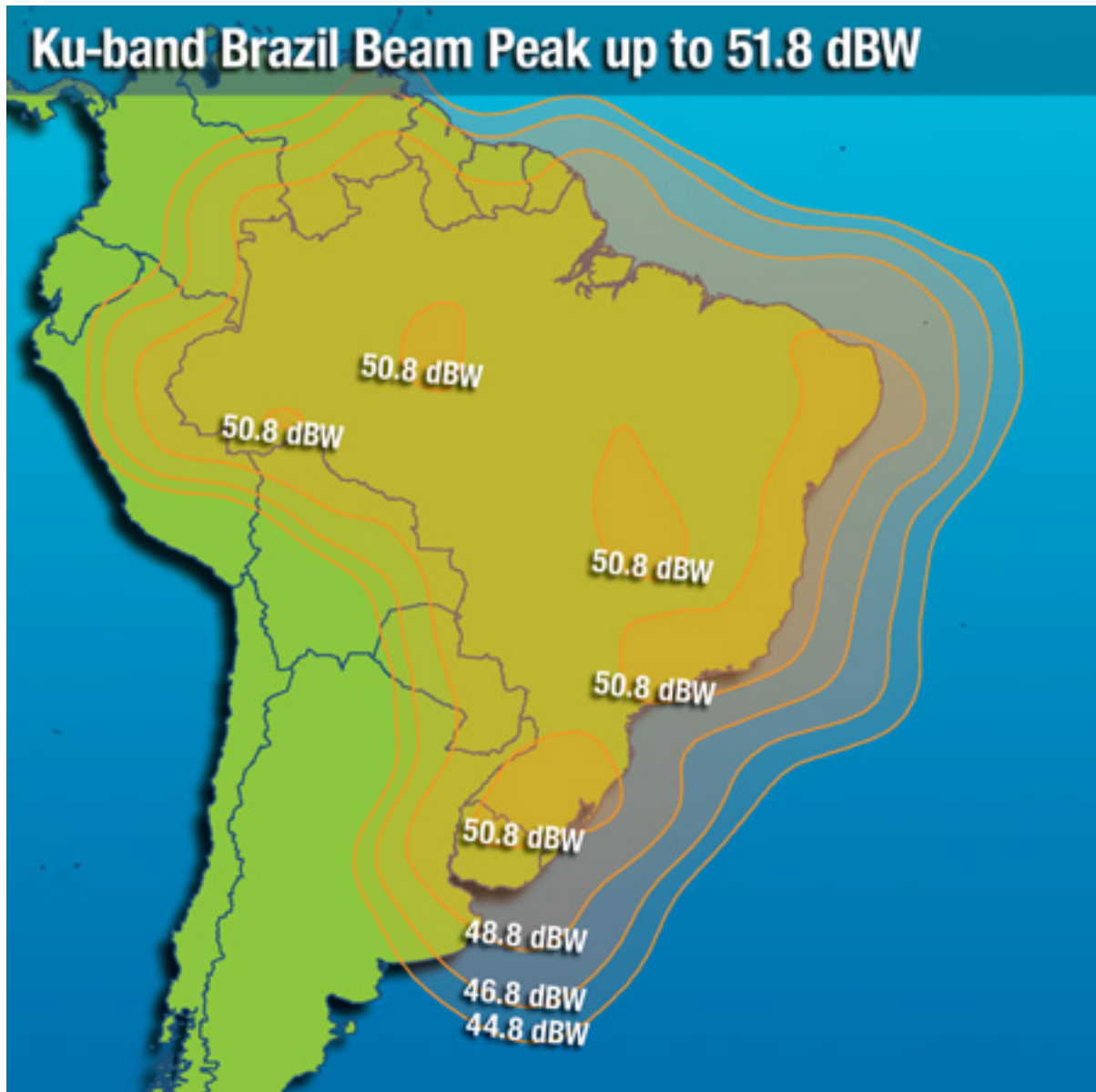
### Ku-band Key Parameters

Total Transponders	36 (in equivalent of 36 MHz)
Polarization	Linear - Horizontal or Vertical
Downlink Frequency	11.45 to 12.20 GHz
Typical Edge of Coverage e.i.r.p.	Brazil: > 45.5 dBW
	Mobility > 44.8 dBW
	:
Uplink Frequency	14.00 to 14.50 GHz
Beam Peak G/T	Brazil: Up to 6.1 dB/K
	Mobility Up to 3.5 dB/K
	:
SFD Range at Reference Contour	-101.0 to -73.0 dBW/m <sup>2</sup> (-1.0 dB/K)

### Intelsat-21 Satellite Footprint C-band West Hemi Beam



**Intelsat-21 Satellite Footprint Ku-band Brazil Beam**



### Intelsat-21 Satellite Footprint Ku-band Mobility Beam

