

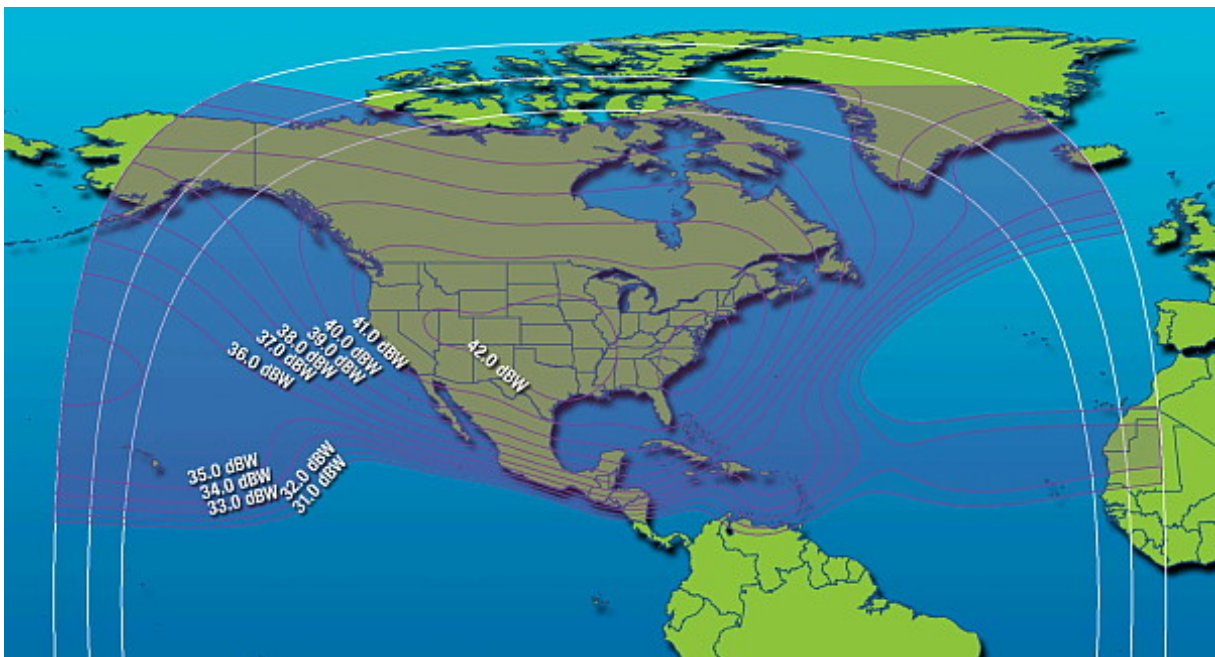


Intelsat Galaxy-28 Satellite details

C-band Key Parameters		
Transponders	NACC:	2 x 72 MHz, 20 x 36 MHz
	SAM:	6 x 72 MHz
Polarization	NACC:	Linear - Horizontal or Vertical
	SAM:	Linear - Horizontal or Vertical
Downlink Frequency	NACC:	3700 to 4200 MHz
	SAM:	3700 to 4200 MHz
Typical Edge of Coverage e.i.r.p.	NACC:	> 32.7 dBW
	SAM:	> 38.5 dBW
Uplink Frequency	NACC:	5925 to 6425 MHz
	SAM:	5925 to 6425 MHz
Beam Peak G/T	NACC:	Up to 3.6 dB/K
	SAM:	Up to 4.0 dB/K
SFD Range at Reference Contour	NACC:	-92.0 to -71.0 dBW/m ² (-8.0 dB/K)
	SAM:	-92.0 to -71.0 dBW/m ² (-4.1 dB/K)
Ku-band Key Parameters		
Transponders	NACC:	24 x 36 MHz
	SAM:	12 x 36 MHz
Polarization	NACC:	Linear - Horizontal or Vertical
	SAM:	Linear - Horizontal or Vertical
Downlink Frequency	NACC:	11.70 to 12.20 GHz
	SAM:	11.70 to 12.20 GHz
Typical Edge of Coverage e.i.r.p.	NACC:	> 42.6 dBW
	SAM:	> 44.0 dBW
Uplink Frequency	NACC:	14.00 to 14.50 GHz
	SAM:	14.00 to 14.50 GHz
Beam Peak G/T	NACC:	Up to 6.2 dBK
	SAM:	Up to 5.5 dBK
SFD Range at Reference Contour	NACC:	-96.0 to -75.0 dBW/m ² (-3.0 dB/K)
	SAM:	-94.0 to -73.0 dBW/m ² (-3.0 dB/K)

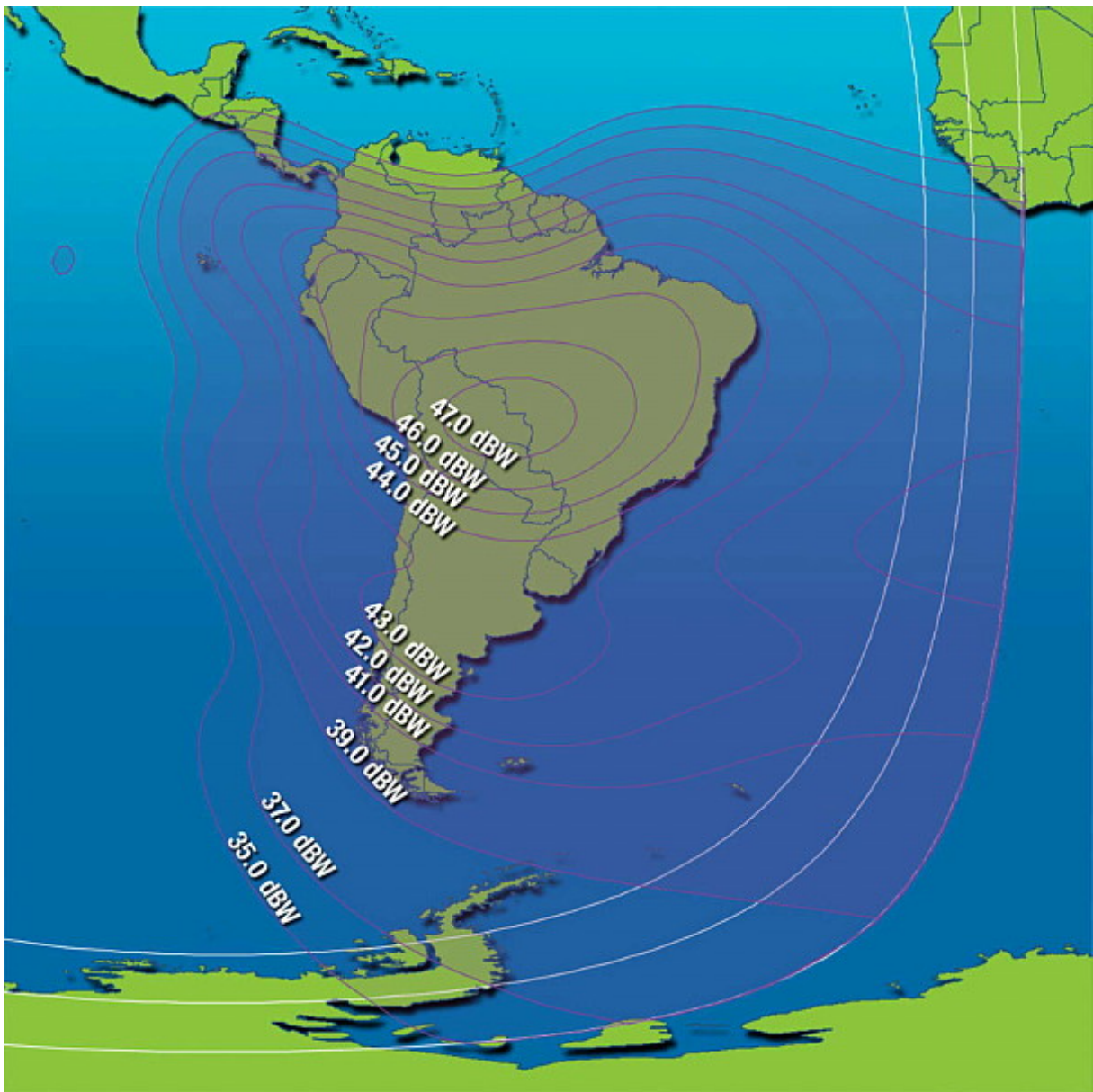


Galaxy-28 Satellite Footprint C-band North America Beam



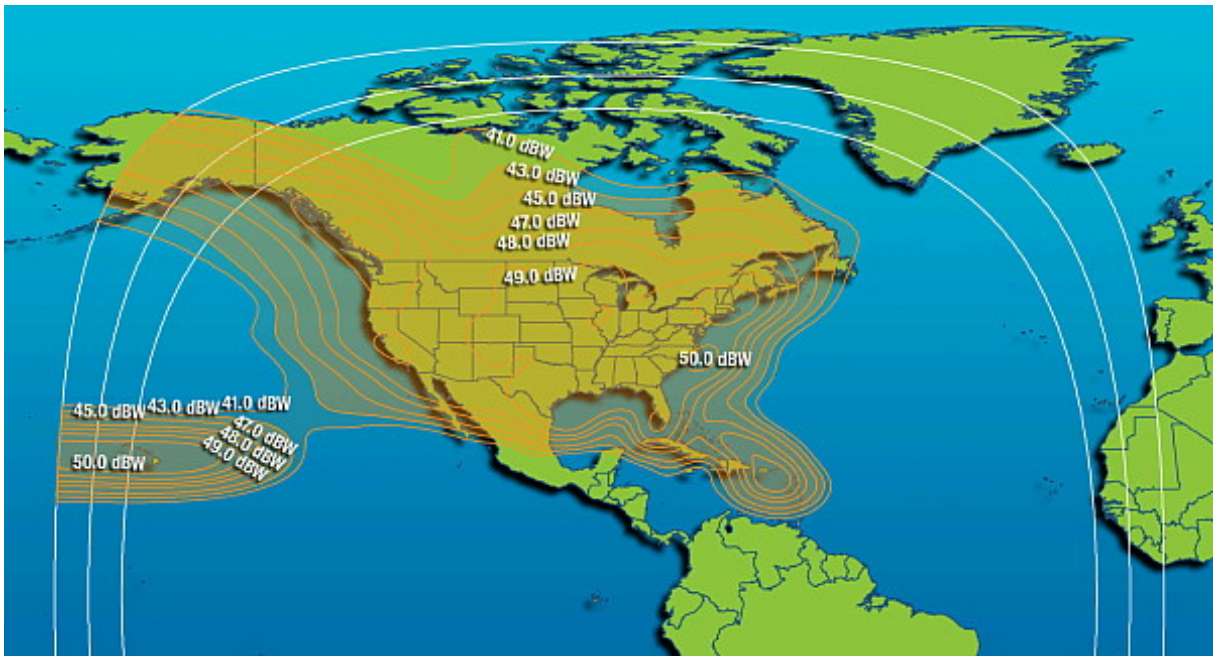


Galaxy-28 Satellite Footprint C-band North America Beam





Galaxy-28 Satellite Footprint Ku-band North America Beam





Galaxy-28 Satellite Footprint Ku-band South America Beam

