

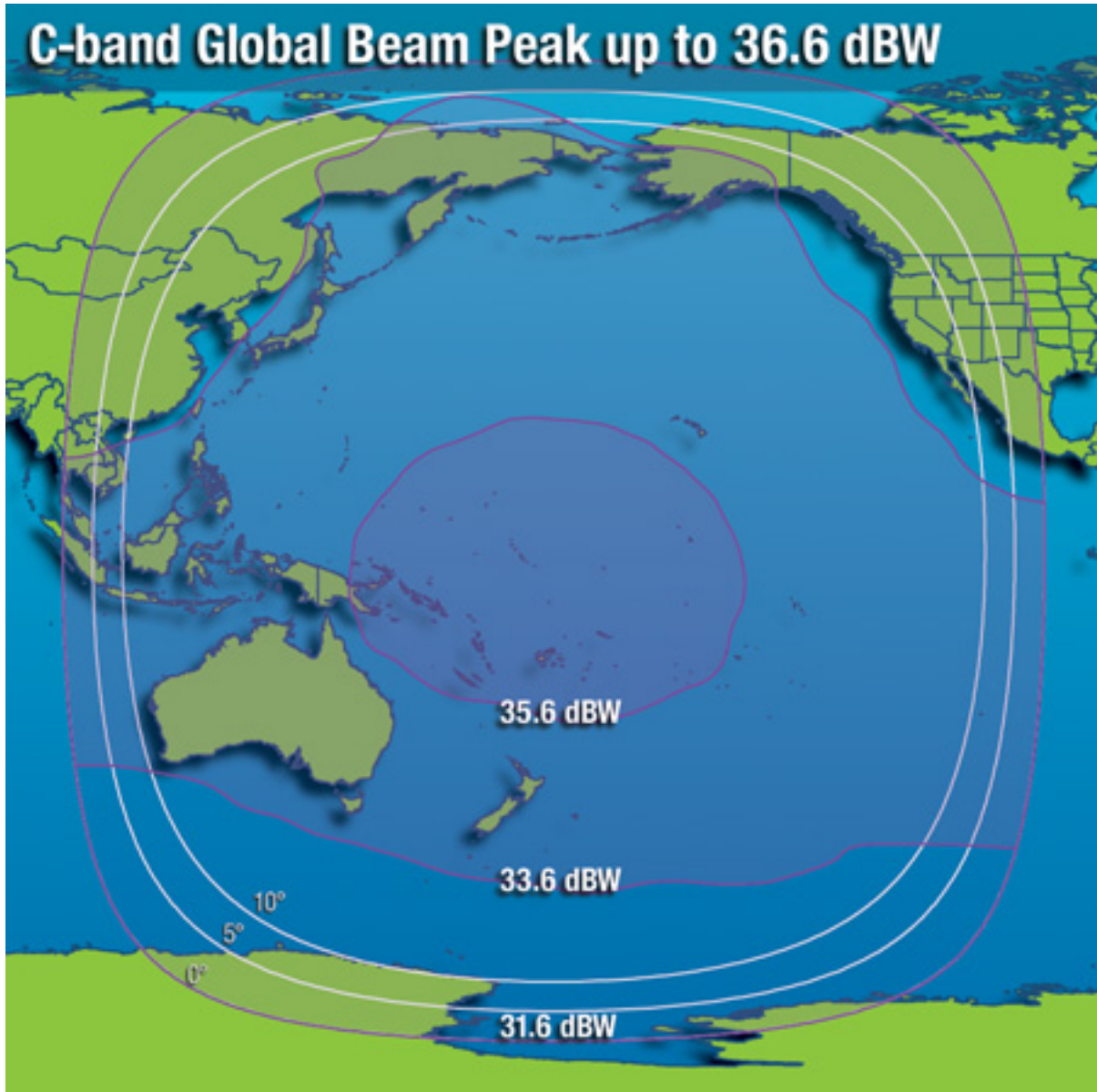


Intelsat 18 at 180°E Satellite details

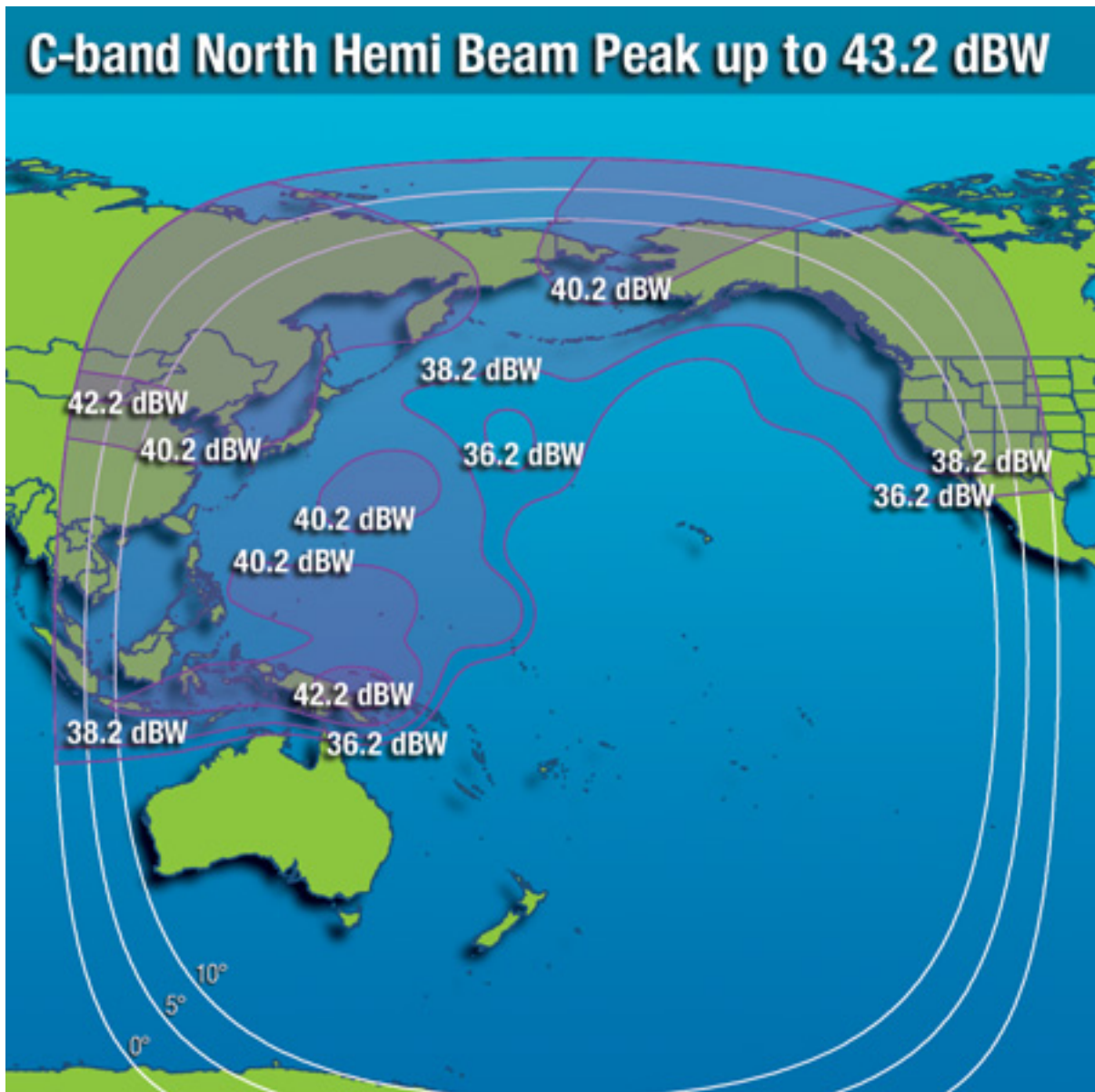
C-band Key Parameters		
Total Transponders		40 (in equivalent 36 MHz)
Polarization		Circular - Right Hand or Left Hand
Downlink Frequency		3700 to 42000 MHz
Typical Edge of Coverage e.i.r.p.	Global Beam:	> 32 dBW
	Hemi Beams:	> 36 dBW
Uplink Frequency		5925 to 6425 MHz
Beam Peak G/T	Global Beam:	Up to -3.9 dB/K
	Hemi Beams:	Up to 2.8 dB/K
SFD Range at Reference Contour	Global Beam:	-96.0 to -63.0 dBW/m ² (-8.5 dB/K)
	Hemi Beams:	-99.0 to -66.0 dBW/m ² (-6.7 dB/K)
Ku-band Key Parameters		
Total Transponders		12 x 72 MHz
Polarization		Linear - Horizontal or Vertical
Downlink Frequency		10.95 to 11.70 GHz and 12.25 to 12.75 GHz
Typical Edge of Coverage e.i.r.p.	French	> 46.8 dBW
	Polynesia/US:	
	South Pacific:	> 45.4 dBW
Uplink Frequency		14.00 to 14.50 GHz
Beam Peak G/T	French	Up to 9.2 dB/K
	Polynesia/US:	
	South Pacific:	Up to 7.6 dB/K
SFD Range at Reference Contour	French	-97.0 to -64.0 dBW/m ² (-1.0 dB/K)
	Polynesia/US:	
	Australia/New Caledonia:	-96.0 to -63.0 dBW/m ² (-2.5 dB/K)



Intelsat-18 Satellite Footprint C-band Global Beam

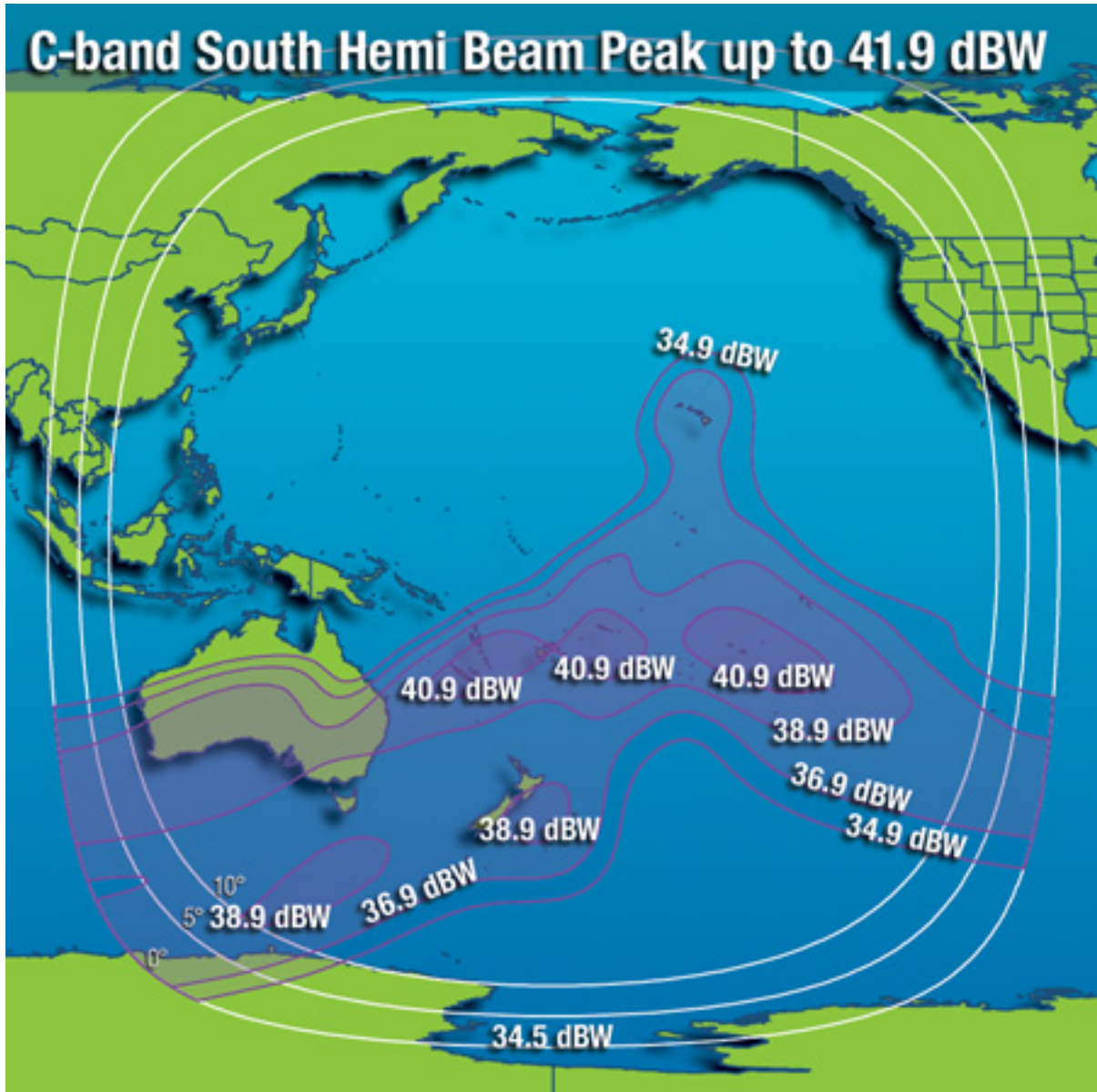


Intelsat-18 Satellite Footprint C-band North Hemi Beam

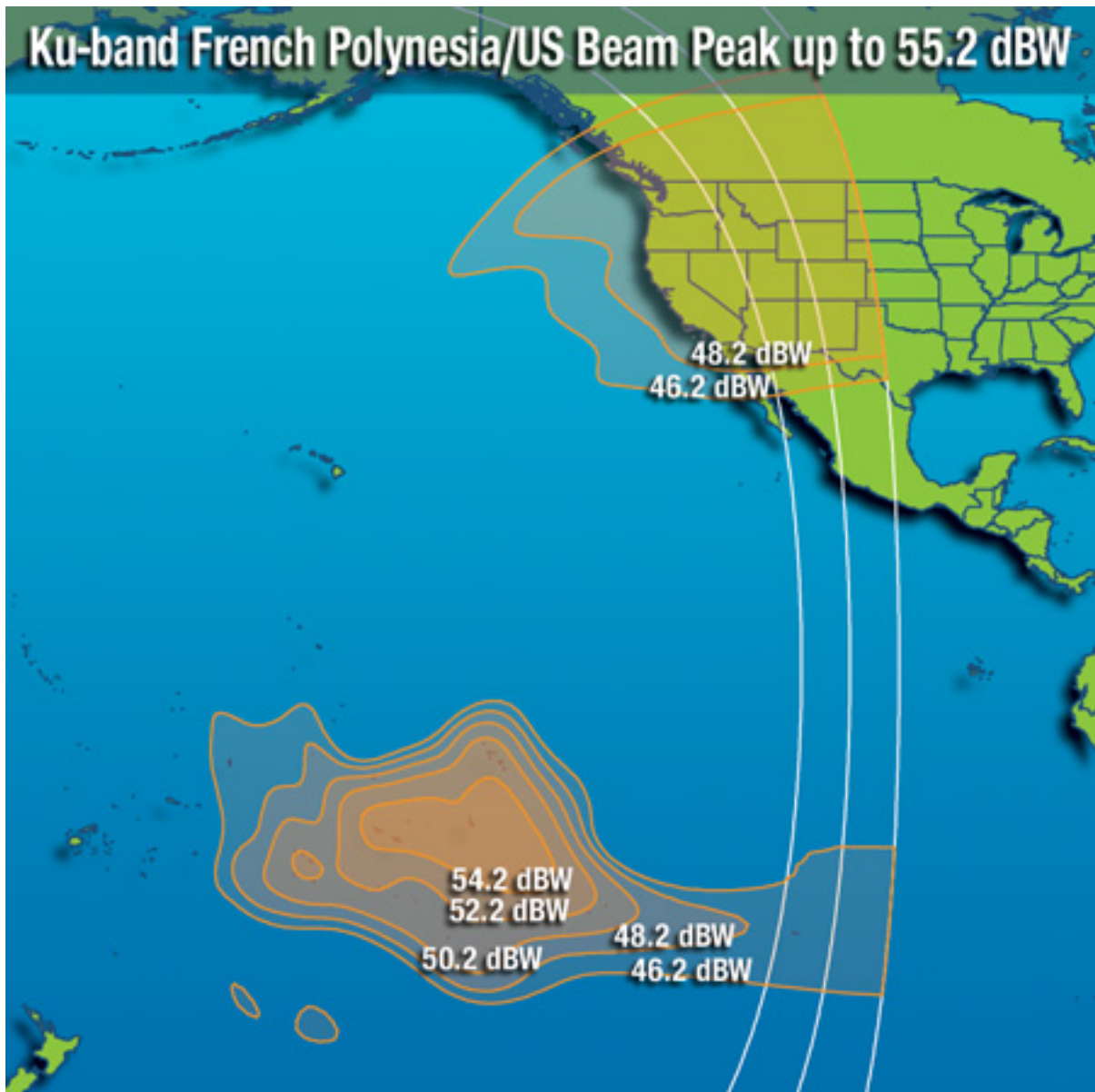




Intelsat-18 Satellite Footprint C-band South Hemi Beam



Intelsat-18 Satellite Footprint Ku-band French Polynesia/US Beam



Intelsat-18 Satellite Footprint Ku-band South Pacific Beam

