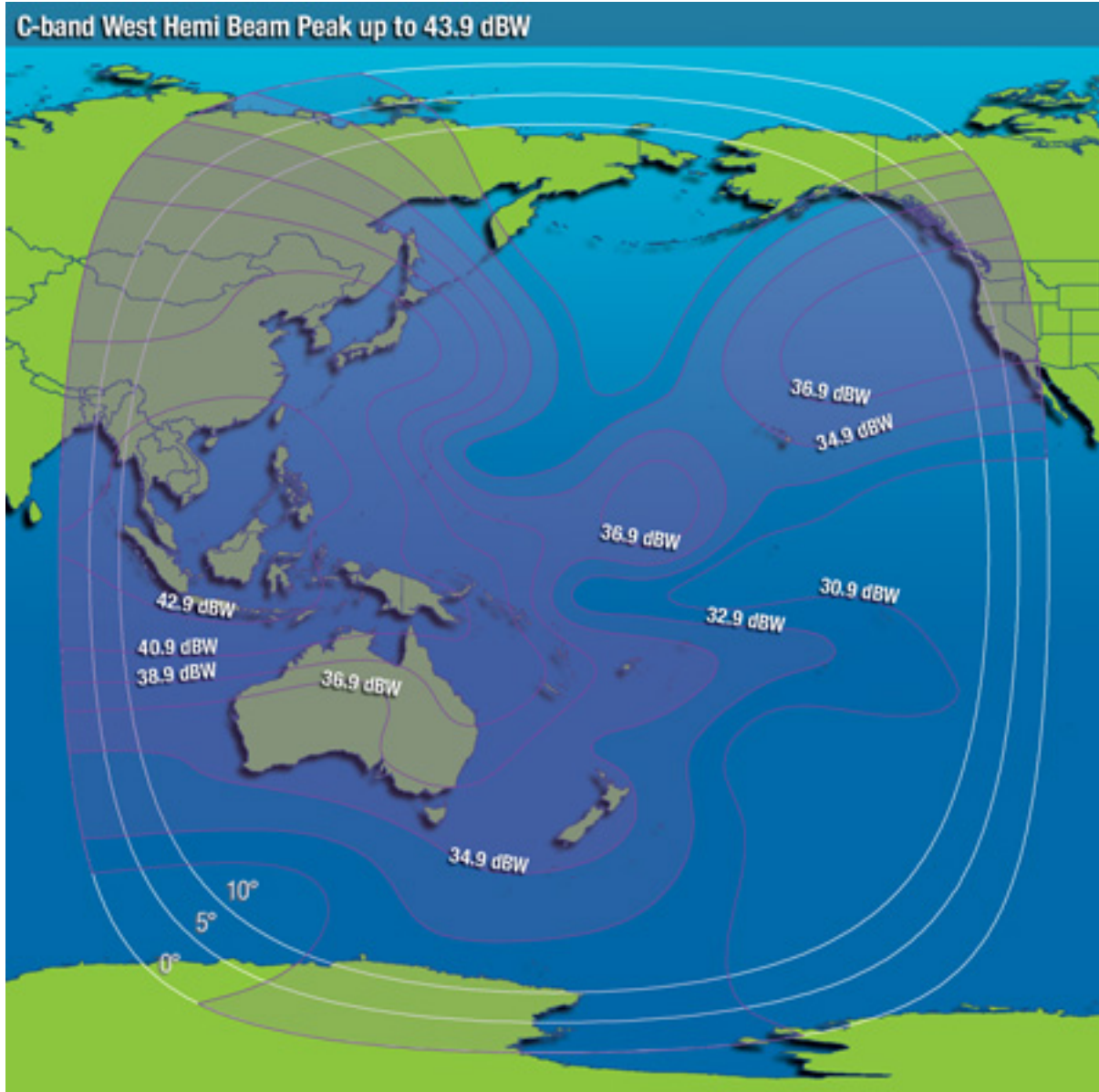




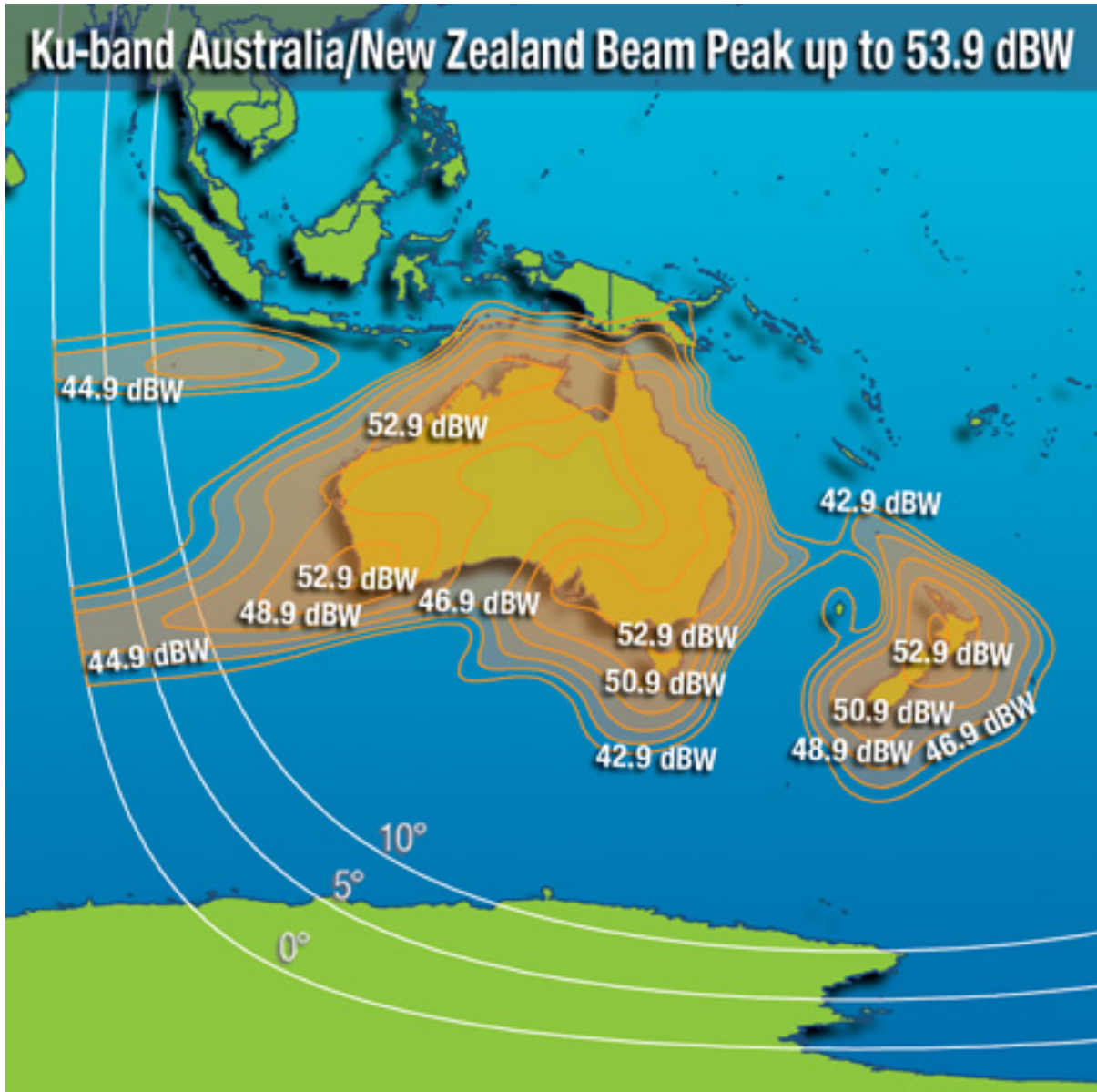
Intelsat 19 at 166°E Satellite details

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.	> 32.5 dBW
Uplink Frequency	5925 to 6425 MHz
Beam Peak G/T	Up to 2.7 dB/K
SFD Range at Reference Contour	-99.5 to -68.5 dBW/m ² (-9.8 dB/K)
Ku-band Key Parameters	
Total Transponders	34 x 36 MHz
Polarization	Linear - Horizontal or Vertical
Downlink Frequency	12.25 to 12.75 GHz
Typical Edge of Coverage e.i.r.p.	NW Pacific: > 46.1 dBW
	SW Pacific: > 45.5 dBW
	NE Pacific: > 47.4 dBW
	Australia/NZ: > 44.0 dBW
Uplink Frequency	14.00 to 14.50 GHz
Beam Peak G/T	NW Pacific: Up to 5.9 dB/K
	SW Pacific: Up to 3.8 dB/K
	NE Pacific: Up to 4.2 dB/K
	Australia/NZ: Up to 7.8 dB/K
SFD Range at Reference Contour	NW Pacific: -102.5 to -65.5 dBW/m ² (+0.1 dB/K)
	SW Pacific: -104.0 to -67.0 dBW/m ² (-1.0 dB/K)
	NE Pacific: -102.5 to -65.5 dBW/m ² (+0.7 dB/K)
	Australia/NZ: -103.0 to -66.0 dBW/m ² (-2.7 dB/K)

Intelsat-19 Satellite Footprint C-band West Hemi Beam

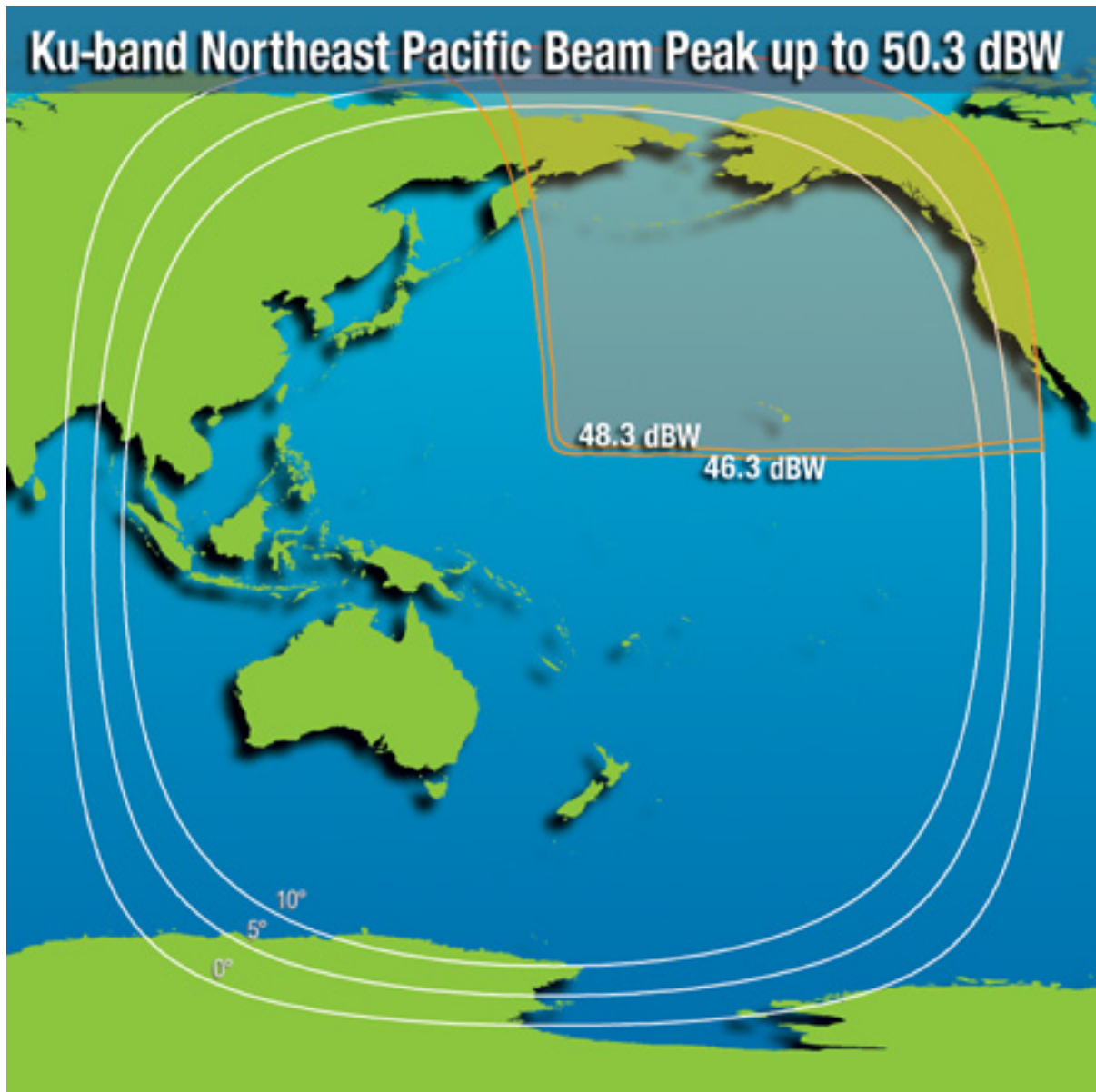


Intelsat-19 Satellite Footprint Ku-band Australia/New Zealand Beam



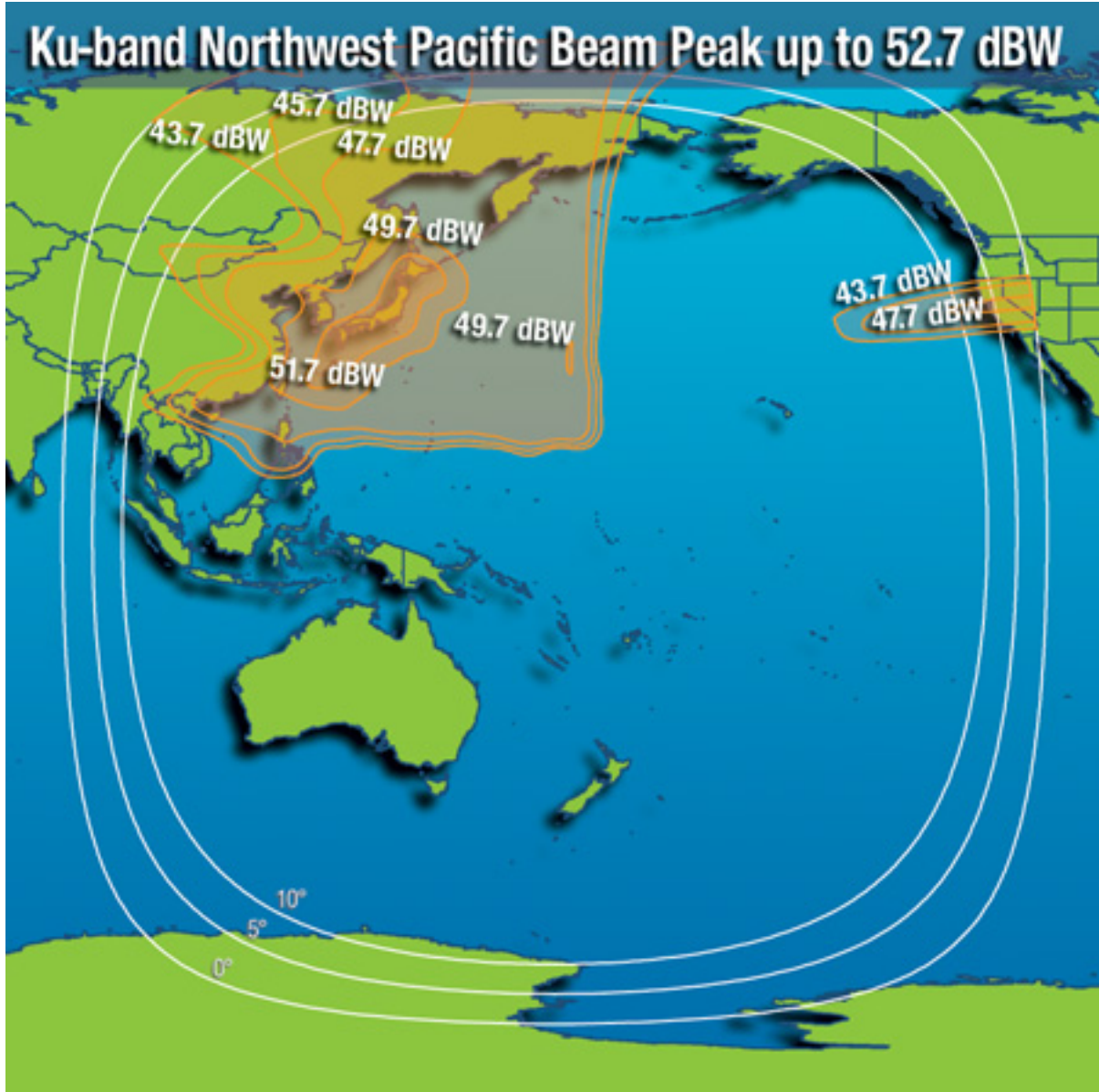


Intelsat-19 Satellite Footprint Ku-band North-East Pacific Beam





Intelsat-19 Satellite Footprint Ku-band North-West Pacific Beam





Intelsat-19 Satellite Footprint Ku-band South-West Pacific Beam

