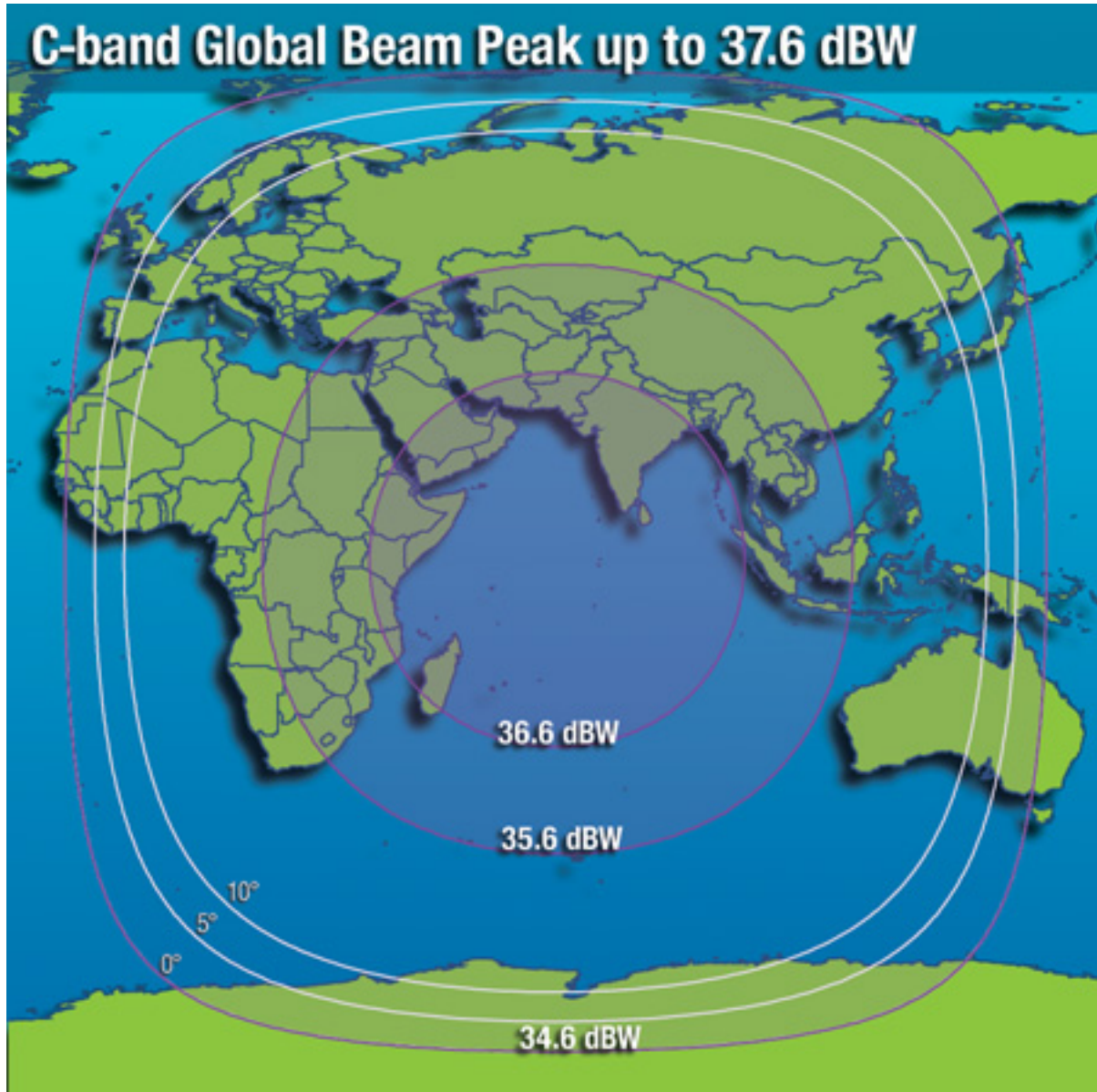




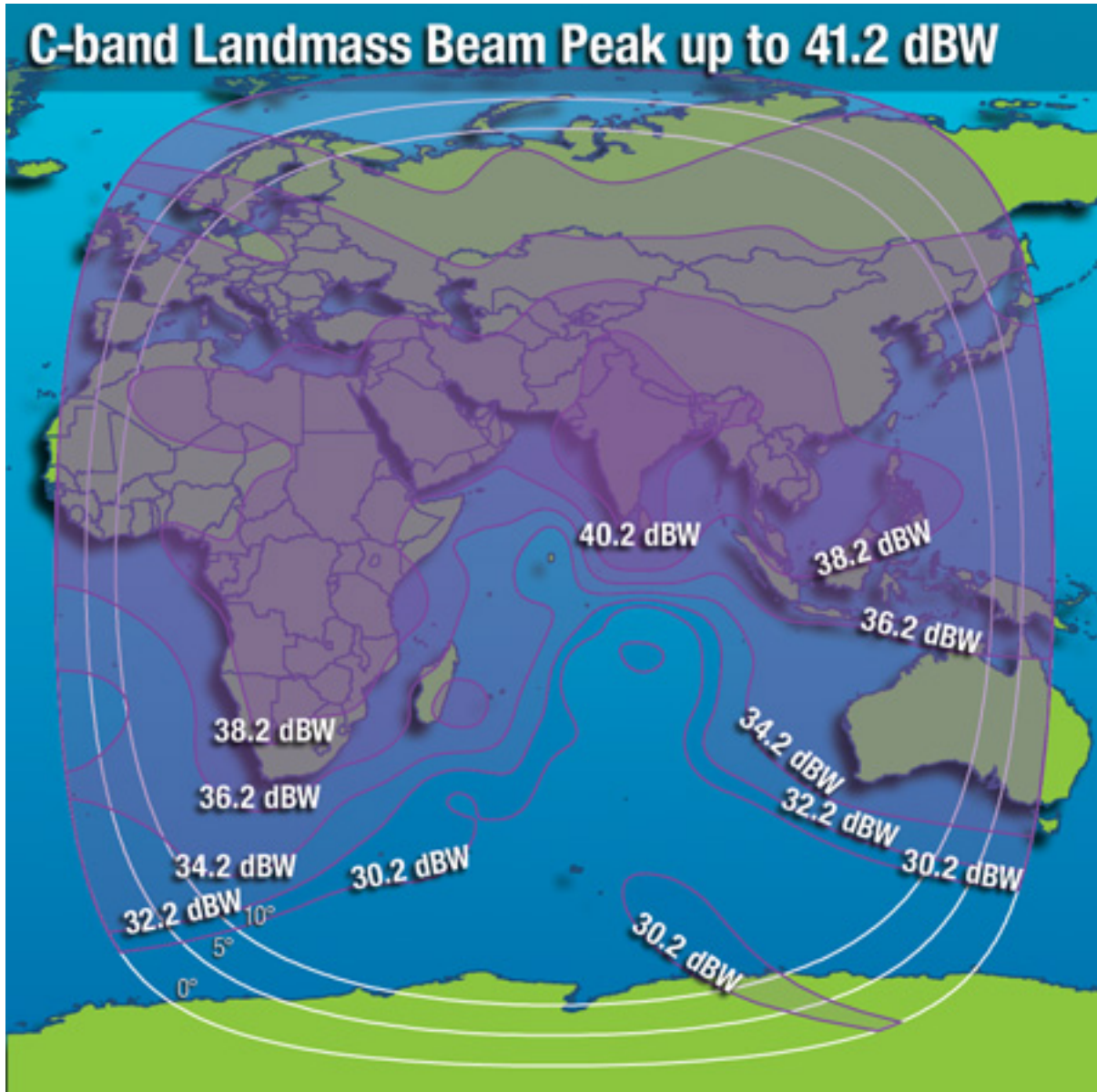
Intelsat 17 at 66°E Satellite details

C-band Key Parameters		
Total Transponders		28 (in equivalent 36 MHz units)
Polarization		Linear - Horizontal or Vertical (Landmass Beam)
		Circular - Right Hand or Left Hand (West Hemi and Global Beam)
Downlink Frequency		3625 to 4200 MHz
Typical Edge of Coverage e.i.r.p.	Landmass:	> 31.7 dBW
	West Hemi:	> 31.8 dBW
	Global:	> 33.5 dBW
Uplink Frequency		5850 to 6425 MHz
Beam Peak G/T	Landmass:	Up to 0.7 dB/K
	West Hemi:	Up to 0.7 dB/K
	Global:	Up to -6.8 dB/K
SFD Range at Reference Contour	Landmass:	-89.4 to -59.4 dBW/m ² (-11.0 dB/K)
	West Hemi:	-93.3 to -63.3 dBW/m ² (-10.6 dB/K)
	Global:	-92.7 to -62.7 dBW/m ² (-10.9 dB/K)
Ku-band Key Parameters		
Total Transponders		46 (in equivalent 36 MHz units)
Polarization		Linear - Horizontal or Vertical
Downlink Frequency		10.95 to 11.70 GHz and 12.50 to 12.75 GHz
Typical Edge of Coverage e.i.r.p.	Russia:	> 44.1 dBW
	Europe/Middle East:	> 41.9 dBW
	Africa:	> 47.5 dBW
Uplink Frequency		13.75 to 14.50 GHz
Beam Peak G/T	Russia:	Up to 7.2 dB/K
	Europe/Middle East:	Up to 5.9 dB/K
	Africa:	Up to 7.3 dB/K
SFD Range at Reference Contour	Russia:	-96.3 to -66.3 dBW/m ² (-4.5 dB/K)
	Europe/Middle East:	-95.6 to -65.6 dBW/m ² (+0.9 dB/K)
	Africa:	-97.3 to -67.3 dBW/m ² (-2.6 dB/K)

Intelsat-17 Satellite Footprint C-band Global Beam

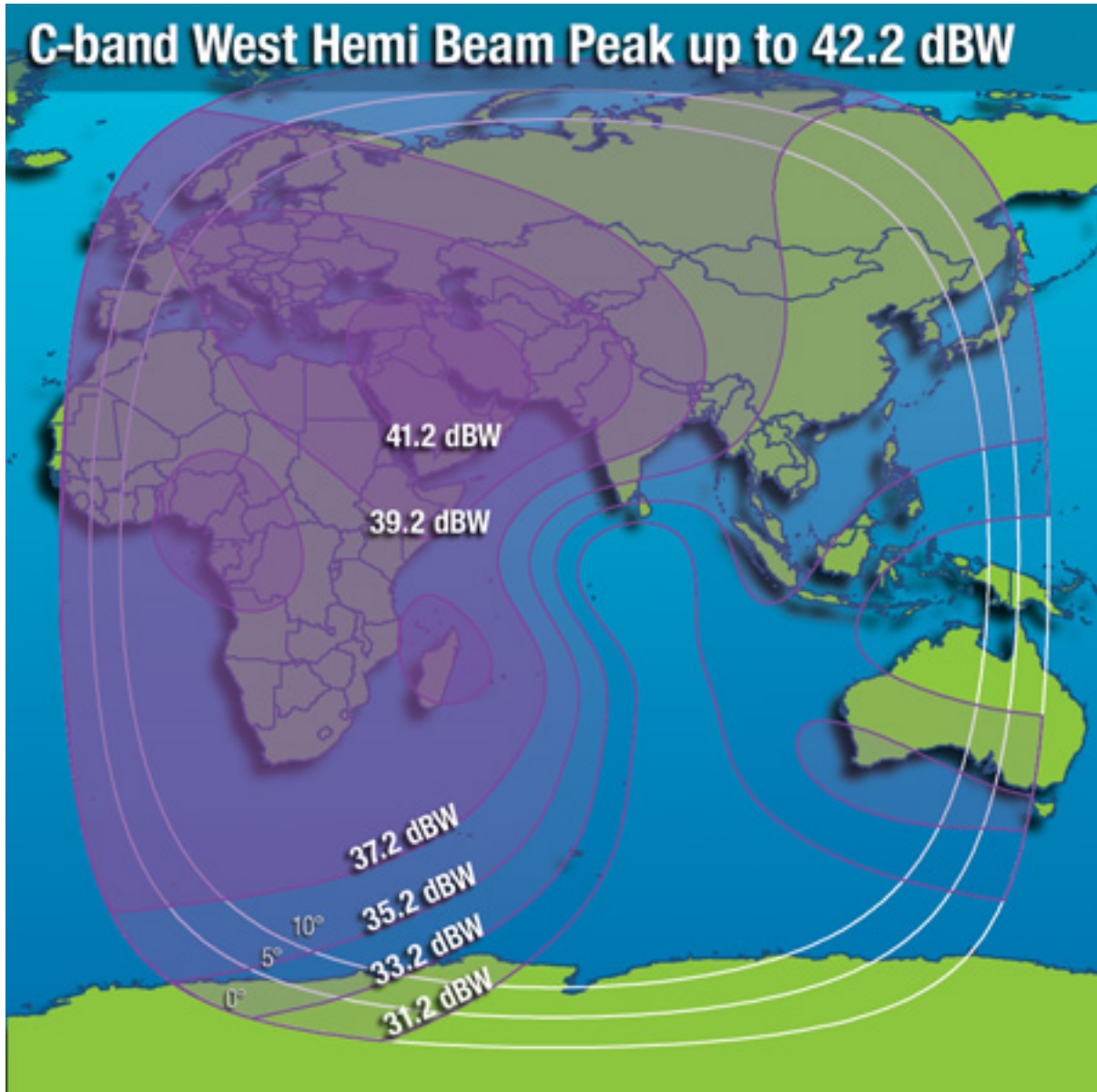


Intelsat-17 Satellite Footprint C-band Landmass Beam



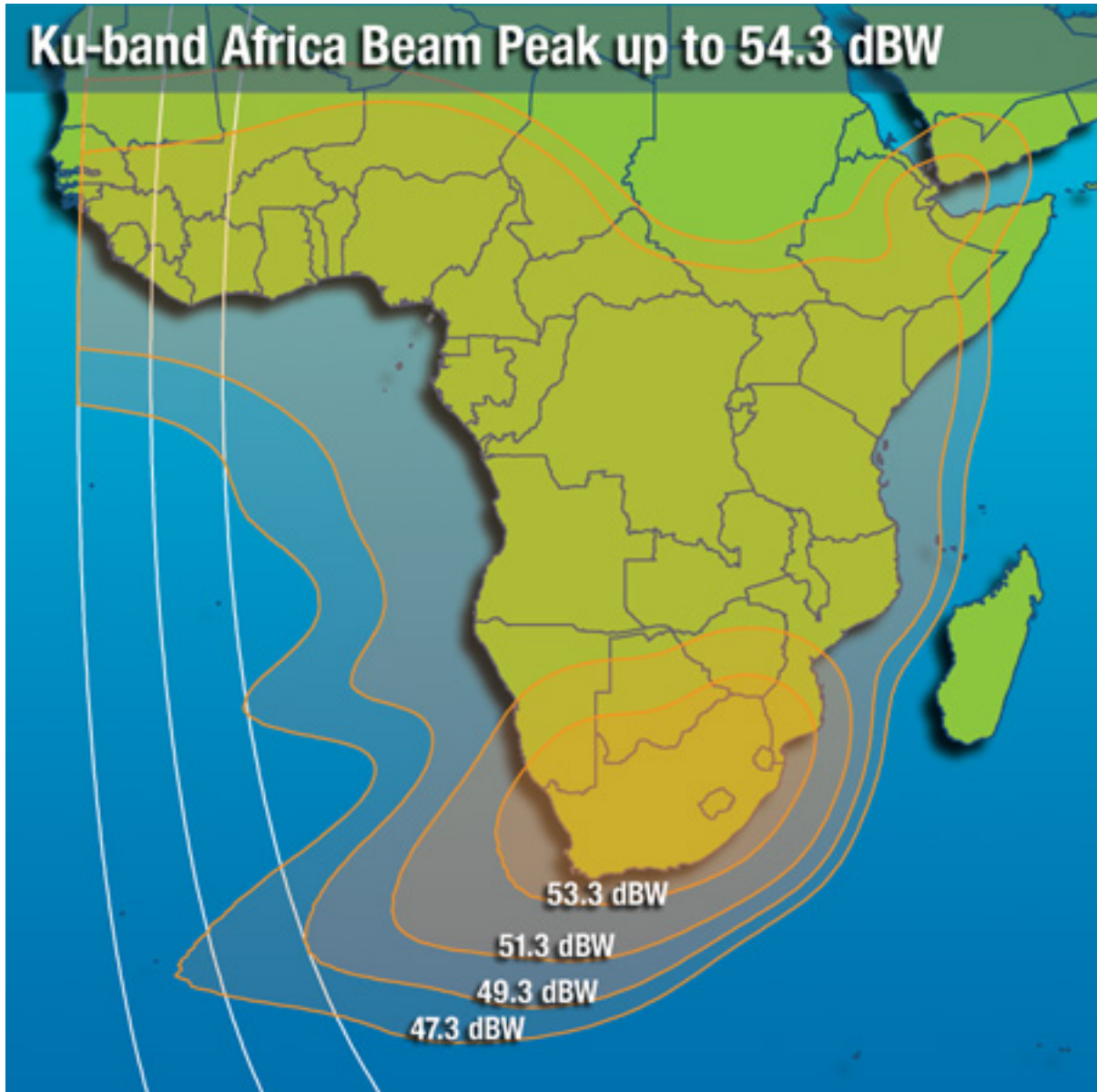


Intelsat-17 Satellite Footprint C-band West Hemi Beam





Intelsat-17 Satellite Footprint Ku-band Landmass Beam



Intelsat-17 Satellite Footprint C-band Europe/Middle-East Beam

