

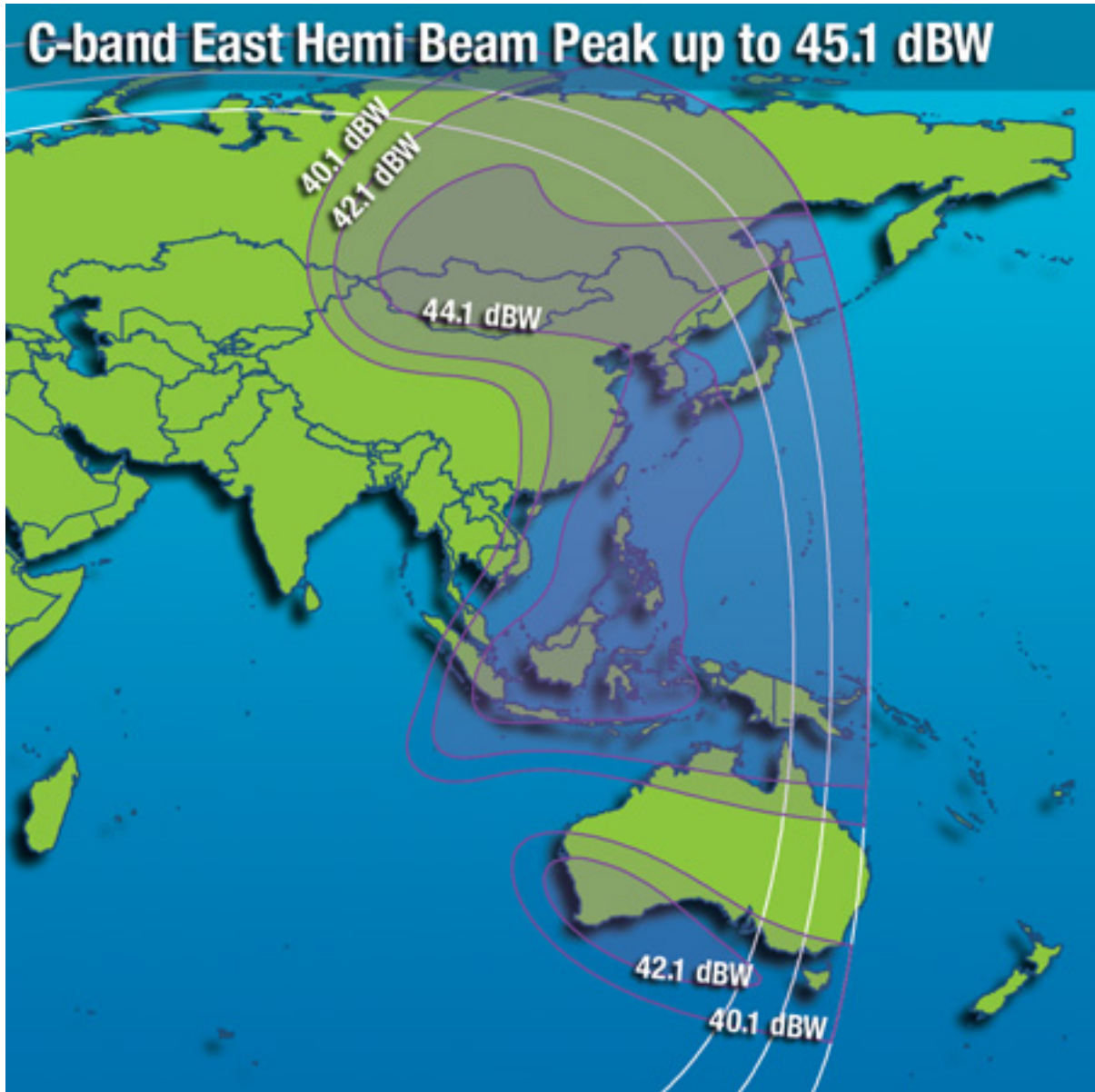


Intelsat 22 at 72°E Satellite details

C-band Key Parameters	
Total Transponders	48 (in equivalent 36 MHz units)
Polarization	Circular - Right Hand or Left Hand
Downlink Frequency	3625 to 4200 MHz
Typical Edge of Coverage e.i.r.p.	West Hemi: > 36.5 dBW
	East Hemi: > 40.6 dBW
Uplink Frequency	5850 to 6425 MHz
Beam Peak G/T	West Hemi: Up to 2.8 dB/K
	East Hemi: Up to 4.1 dB/K
SFD Range at Reference Contour	-101.0 to -73.0 dBW/m ² (-3.3 dB/K)
Ku-band Key Parameters	
Total Transponders	24 (in equivalent 36 MHz units)
Polarization	Linear - Horizontal or Vertical
Downlink Frequency	11.45 to 11.70 GHz and 12.25 to 12.75 GHz
Typical Edge of Coverage e.i.r.p.	ME/Africa: > 44.0 dBW
	Mobility: > 44.8 dBW
Uplink Frequency	14.00 to 14.50 GHz
Beam Peak G/T	ME/Africa: Up to 7.0 dB/K
	Mobility: Up to 4.6 dB/K
SFD Range at Reference Contour	ME/Africa: -105.7 to -77.7 dBW/m ² (-1.5 dB/K)
	Mobility: -101.5 to -73.5 dBW/m ² (-0.9 dB/K)

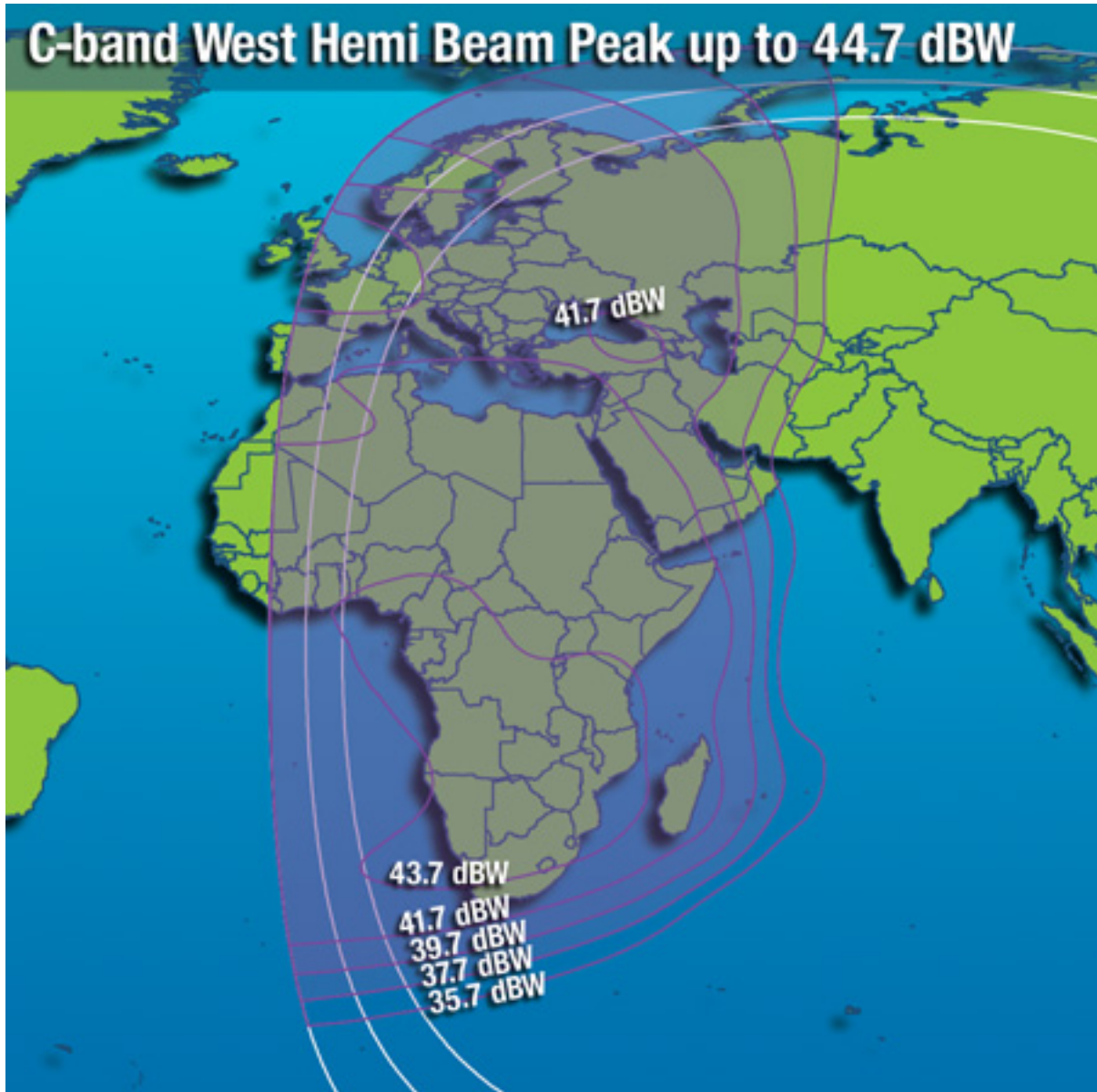


Intelsat-22 Satellite Footprint C-band East Hemi Beam

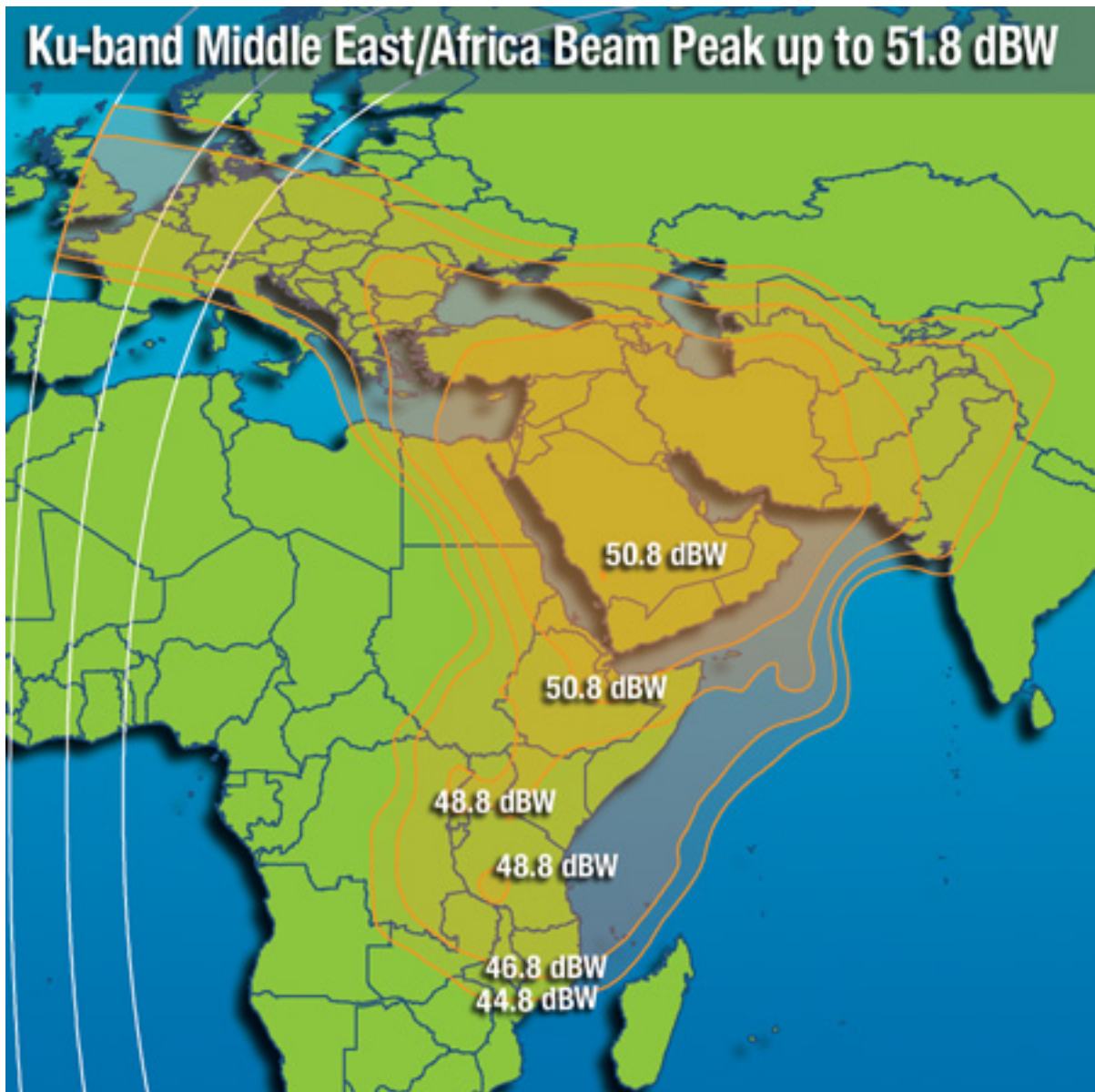




Intelsat-22 Satellite Footprint C-band West Hemi Beam



Intelsat-22 Satellite Footprint Ku-band Middle-East/Africa Beam





Intelsat-22 Satellite Footprint Ku-band Mobility Beam

