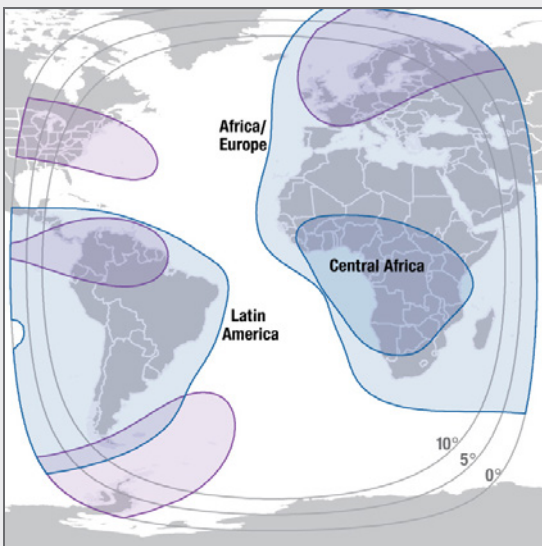


Intelsat 37e at 342°E

Capture New Growth with the World's Most Advanced Satellite Platform

The fifth of our Intelsat Epic high throughput satellites, Intelsat 37e represents a significant evolution of our award-winning platform. Intelsat 37e features enhanced power sharing technology which enables assignment of power between shaped, fixed and steerable spot Ku-band and Ka-band beams. This allows us to optimize services to the requirements of in-demand applications, by region, delivering efficiency improvements for mobility and government customers in the Americas, Africa and Europe. Intelsat 37e is the first satellite to offer interconnectivity between three different bands. The next-generation satellite delivers high performance service in C-, Ku- and Ka-bands for use in wireless backhaul, enterprise VSAT and mobility networks.

C-band Spot Beams



C-band Key Parameters

Configurable Capacity:
79 (in equivalent 36 MHz units)

Polarization:
Circular – Right or Left Hand

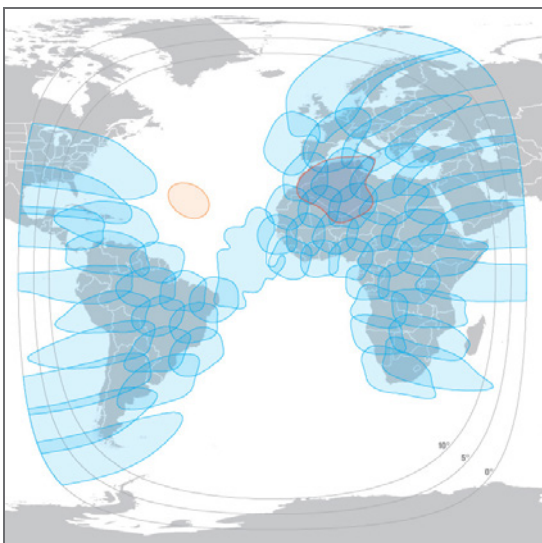
Typical Coverage e.i.r.p. Range:

Spots: 46.4 up to 52.2 dBW
Global: 34.6 up to 38.1 dBW
Latin America: 41.8 up to 46.3 dBW
Africa/Europe: 38.1 up to 43.3 dBW
Central Africa: 42.8 up to 47.6 dBW

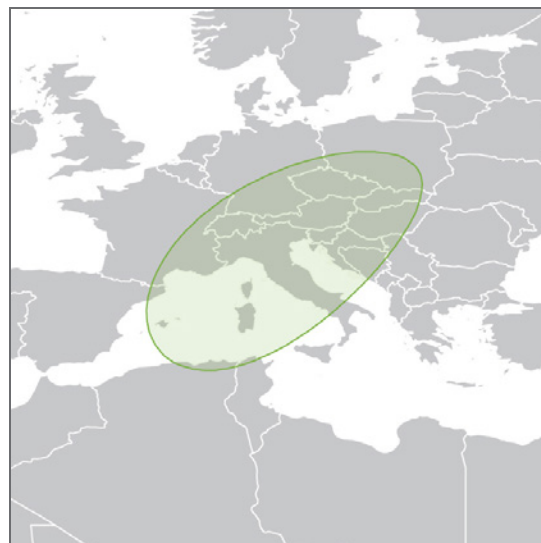
Typical G/T Range:

Spots: 2.0 up to 13.4 dB/K
Global: -9.0 up to -5.9 dB/K
Latin America: -2.7 up to 0.7 dB/K
Africa/Europe: -5.6 up to -1.0 dB/K
Central Africa: -2.2 up to 3.0 dB/K

Ku-band Multi-Spot, Algeria & Steerable



Ka-band Spot Beams



Ku-band Key Parameters

Configurable Capacity:
247 (in equivalent 36 MHz units)

Polarization:
Linear – Horizontal or Vertical

Typical Edge of Coverage e.i.r.p.:

Spots: 48.1 up to 61.1 dBW
Algeria: 51.5 up to 58.4 dBW

Beam Peak G/T:

Spots: 4.1 up to 16.9 dB/K
Algeria: 1.5 up to 11.7 dB/K

Ka-band Key Parameters

Configurable Capacity:
37 (in equivalent 36 MHz units)

Polarization:
Circular – Right or Left Hand

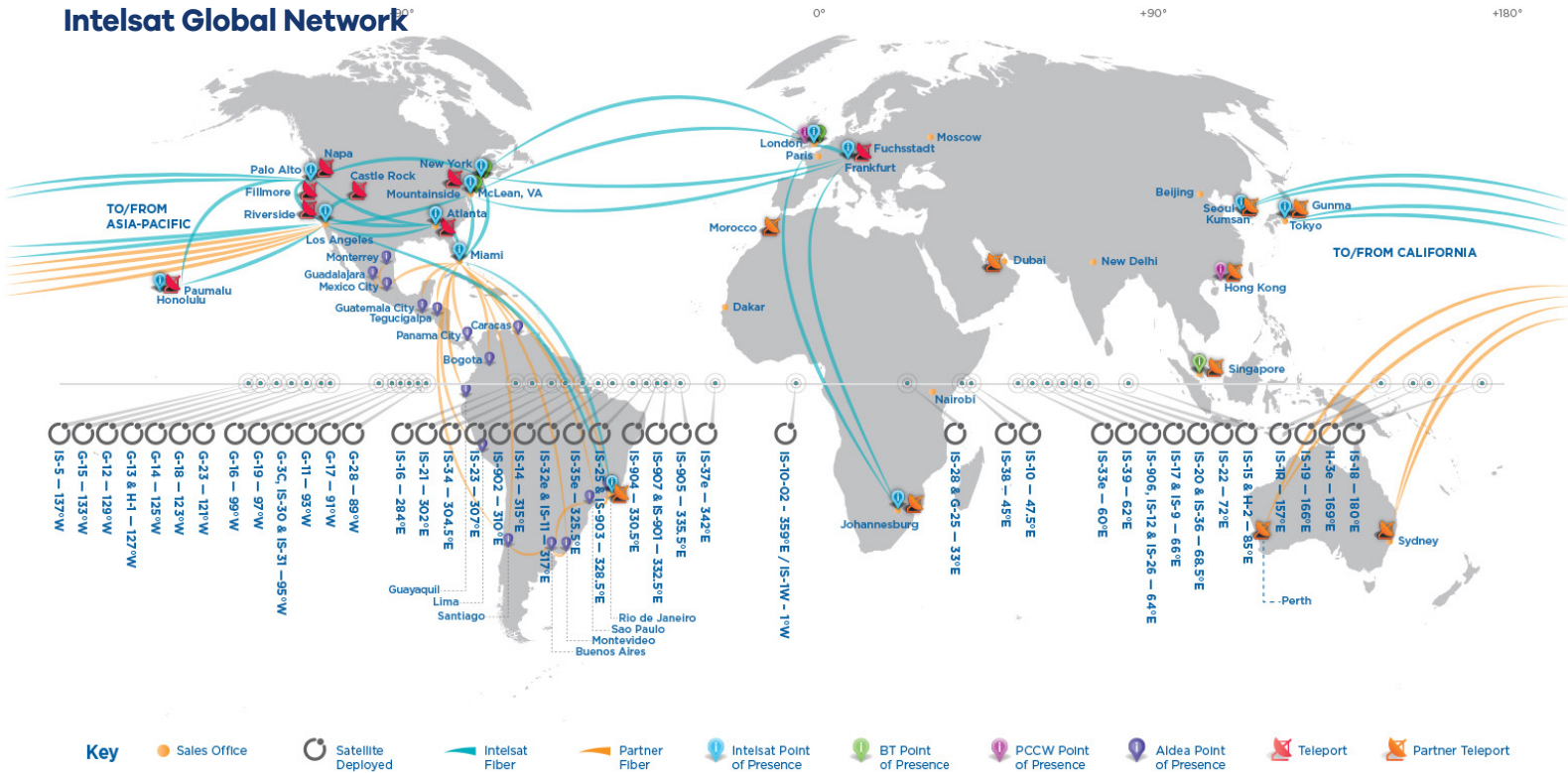
Typical Coverage e.i.r.p. Range:

55.5 up to 58.1 dBW

Beam Peak G/T Range:

8.3 up to 11.3 dB/K

Intelsat Global Network



About Intelsat

As the foundational architects of satellite technology, Intelsat operates the largest, most advanced satellite fleet and connectivity infrastructure in the world. We apply our unparalleled expertise and global scale to reliably and seamlessly connect people, devices and networks in even the most challenging and remote locations. Transformation happens when businesses, governments and communities build a ubiquitous connected future through Intelsat's next-generation global network and simplified managed services.

At Intelsat, we turn possibilities into reality. Imagine Here, with us, at Intelsat.com.

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