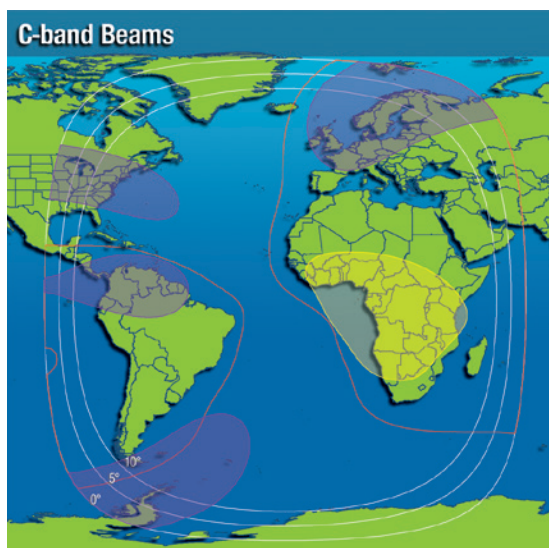


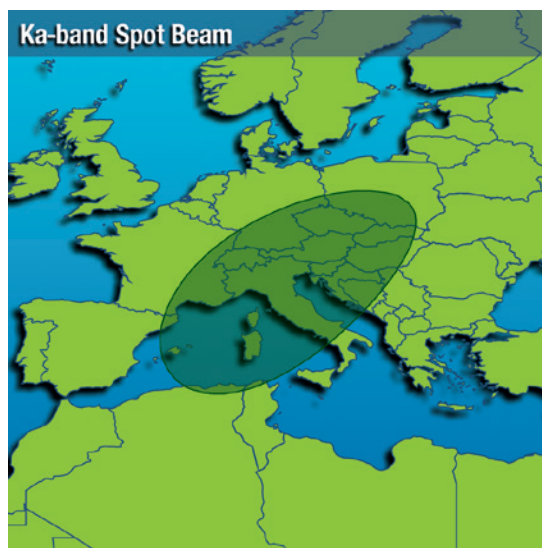
# Experience the Next Level of High Throughput Services

The fifth of our Intelsat Epic<sup>NG</sup> 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.

## IS-37e – C-band



## IS-37e – Ka-band



### C-band Key Parameters

Configurable Capacity:  
90 (in equivalent 36 MHz units)

Polarization:  
Circular – Right or Left Hand

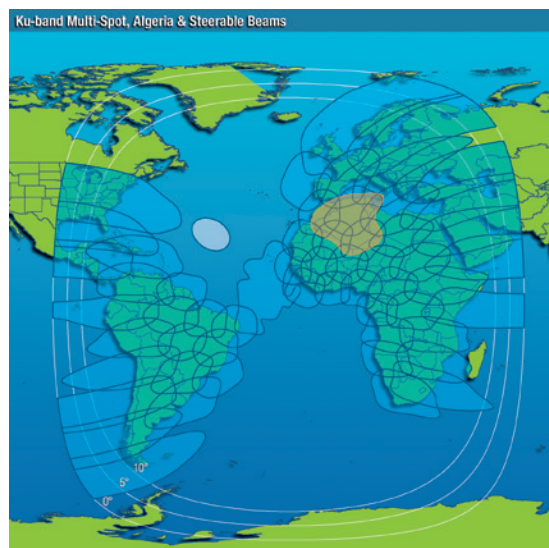
Typical Coverage e.i.r.p. Range:

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

## IS-37e – Ku-band Multi-Spot, Algeria & Steerable



### 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

### Ku-band Key Parameters

Configurable Capacity:  
275 (in equivalent 36 MHz units)

Polarization:  
Linear – Horizontal or Vertical

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

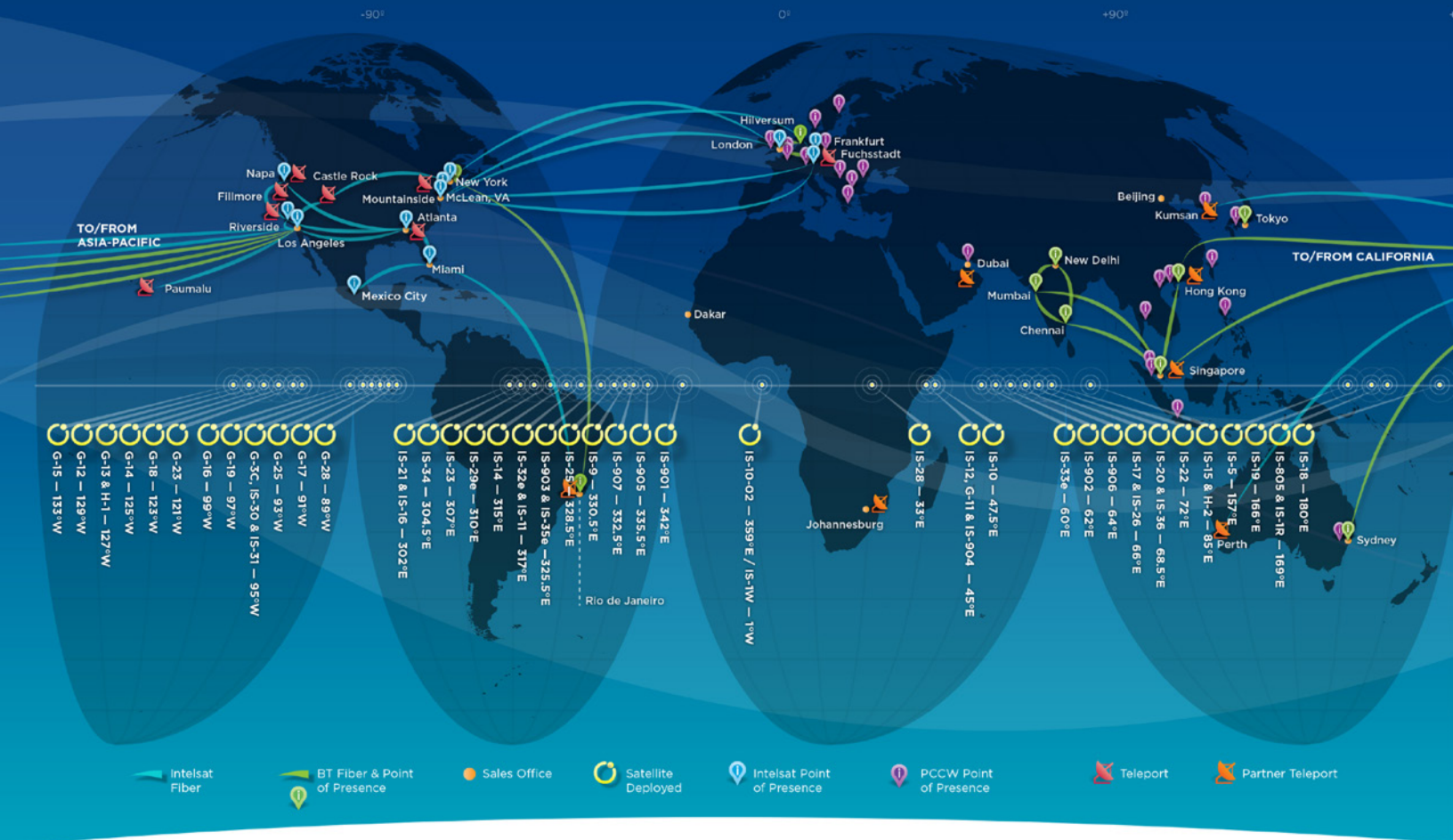
Spots:	48.1 up to 61.1 dBW
Algeria:	51.5 up to 58.4 dBW

Beam Peak G/T:

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

*\*This is a future spacecraft deployment. All payload performance values are preliminary. Any beam to any beam connectivity*

# Intelsat Global Network



## About Intelsat

Intelsat operates the world's first Globalized Network, delivering high-quality, cost-effective video and broadband services anywhere in the world. Intelsat's Globalized Network combines the world's largest satellite backbone with terrestrial infrastructure, managed services and an open, interoperable architecture to enable customers to drive revenue and reach through a new generation of network services.

Thousands of organizations serving billions of people worldwide rely on Intelsat to provide ubiquitous broadband connectivity, multi-format video broadcasting, secure satellite communications and seamless mobility services. The end result is an entirely new world, one that allows us to envision the impossible, connect without boundaries and transform the ways in which we live.

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**INTELSAT**

*Envision. Connect. Transform.*