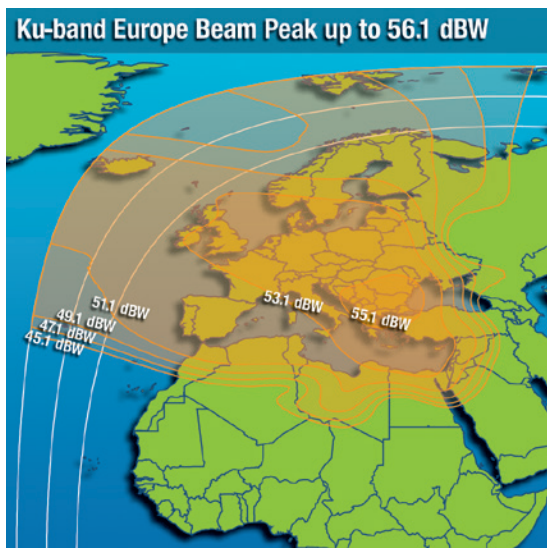


# Intelsat 38 at 45°E

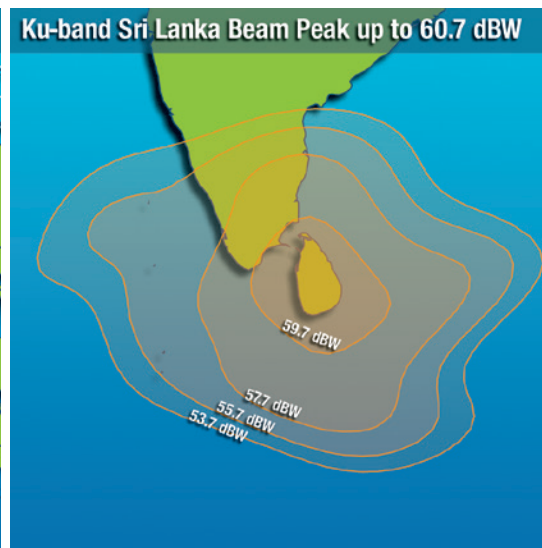
Expanding satellite services to support the growing distribution and broadband connectivity demands of Central and Eastern Europe, Asia and Africa.

Intelsat 38 will provide Ku-band capabilities and deliver continuity of service for the Intelsat 12 satellite located at 45 degrees East. The satellite will host leading Direct-to-Home television platforms for the fast growing Central and Eastern Europe and Asia Pacific regions. It will support the growth objectives of our customers operating in these regions. Intelsat 38 will also provide critical broadband connectivity for corporate network and government services in Africa.

## Ku-band Europe



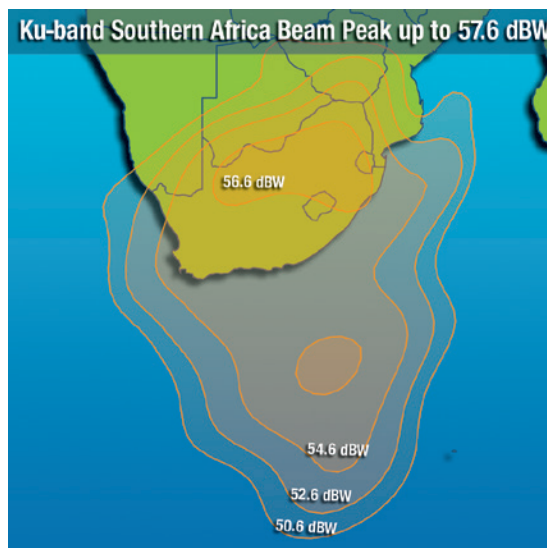
## Ku-band Sri Lanka



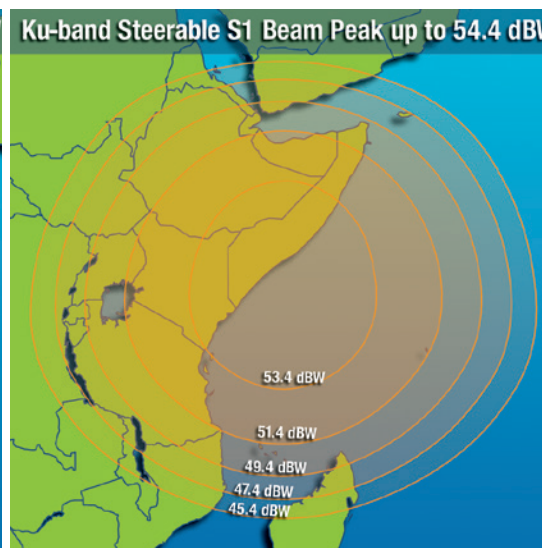
## Ku-band Key Parameters

- Configurable Capacity:
  - 22 (in equivalent 36 MHz units)
- Polarization:
  - Linear – Horizontal or Vertical
- Typical Edge of Coverage e.i.r.p.:
  - Europe: > 47.8 dBW
  - Sri Lanka: > 55.1 dBW
  - Southern Africa: > 51.0 dBW
  - Steerable spot: > 47.4 dBW
- Beam Peak G/T:
  - Europe: Up to 9.4 dB/K
  - Sri Lanka: Up to 14.0 dB/K
  - Southern Africa: Up to 11.7 dB/K
  - Steerable spot: Up to 8.9 dB/K

## Ku-band Southern Africa



## Ku-band Steerable

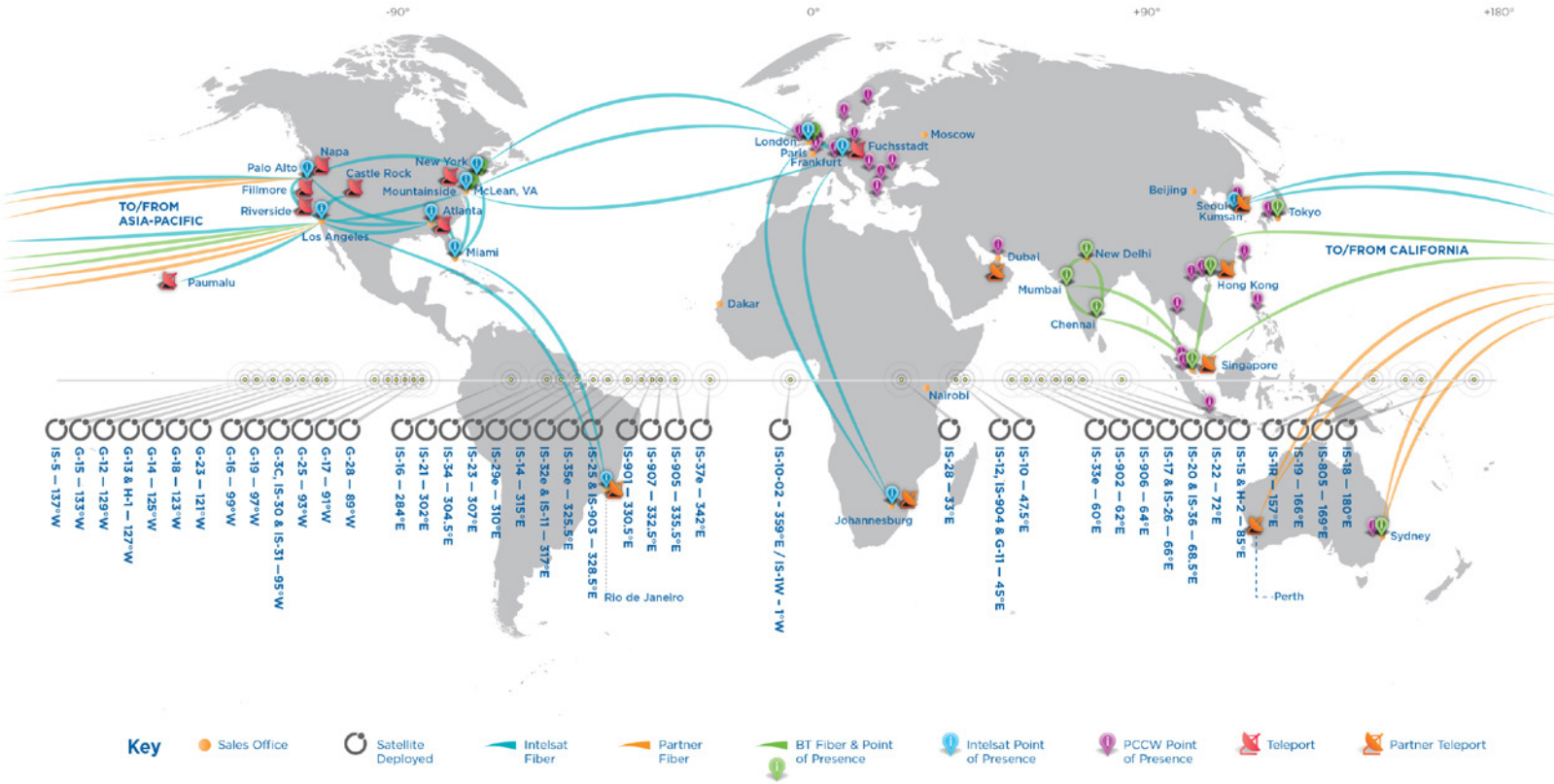


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*\*This is a future spacecraft deployment. Maps shown are for illustrative purposes and may change. All payload performance values are preliminary.*

# 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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