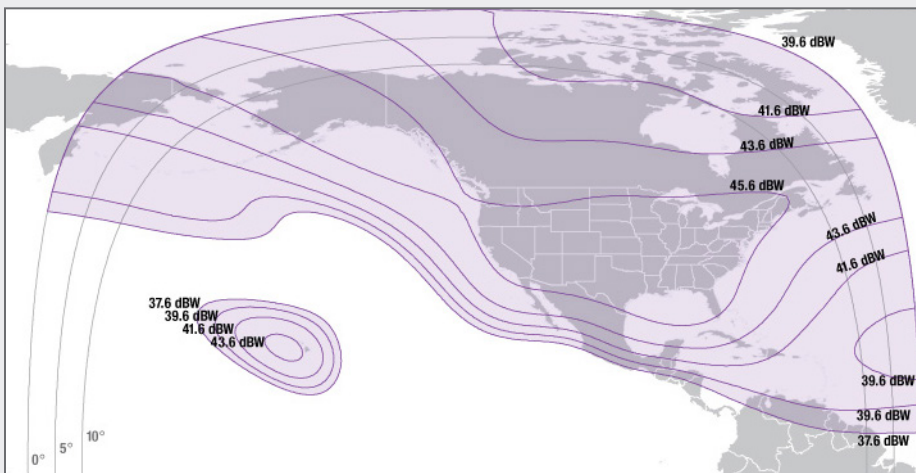


Galaxy 30 at 125°W

The newest addition to Intelsat's North America Galaxy Fleet, the most efficient media distribution system in North America.

Galaxy 30 (G-30) is the first satellite in Intelsat's comprehensive Galaxy fleet refresh plan, a new generation of technology that will provide Intelsat Media customers in North America with high-performance broadcast distribution capabilities. It is critical to Intelsat's U.S. C-band clearing strategy. With additional Ku-band and Ka-band steerable beams, G-30 will also serve some of Intelsat's North American government, mobility and enterprise customers.

C-band North America



C-band Key Parameters

Configurable Capacity:
24 (in equivalent 36 MHz units)

Polarization: Linear – Horiz. or Vertical

Downlink Frequency:
3700 to 4200 MHz

Typical Edge of Coverage e.i.r.p.:
> 36.7 dBW

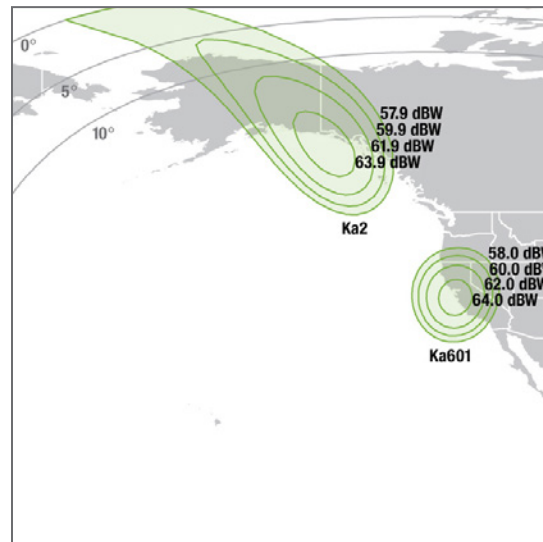
Uplink Frequency:
5925 to 6425 MHz

Beam Peak G/T:
Up to 6.2 dB/K

Ku-band Steerable Beam



Ka-band Steerable Beams



Ku-band Key Parameters

Configurable Capacity:
35 (in equivalent 36 MHz units)
loop-back or Ku-Ka connectivity

Polarization: Linear – Horiz. or Vertical

Downlink Frequency:
10.70 to 11.70 GHz

Typical Edge of Coverage e.i.r.p.:
> 53 dBW

Uplink Frequency:
12.75 to 13.25 GHz and
13.75 to 14.50 GHz

Beam Peak G/T:
Up to 15.0 dB/K

Ka-band Key Parameters

Configurable Capacity:
100 (in equivalent 36 MHz units)
Ka-Ka connectivity

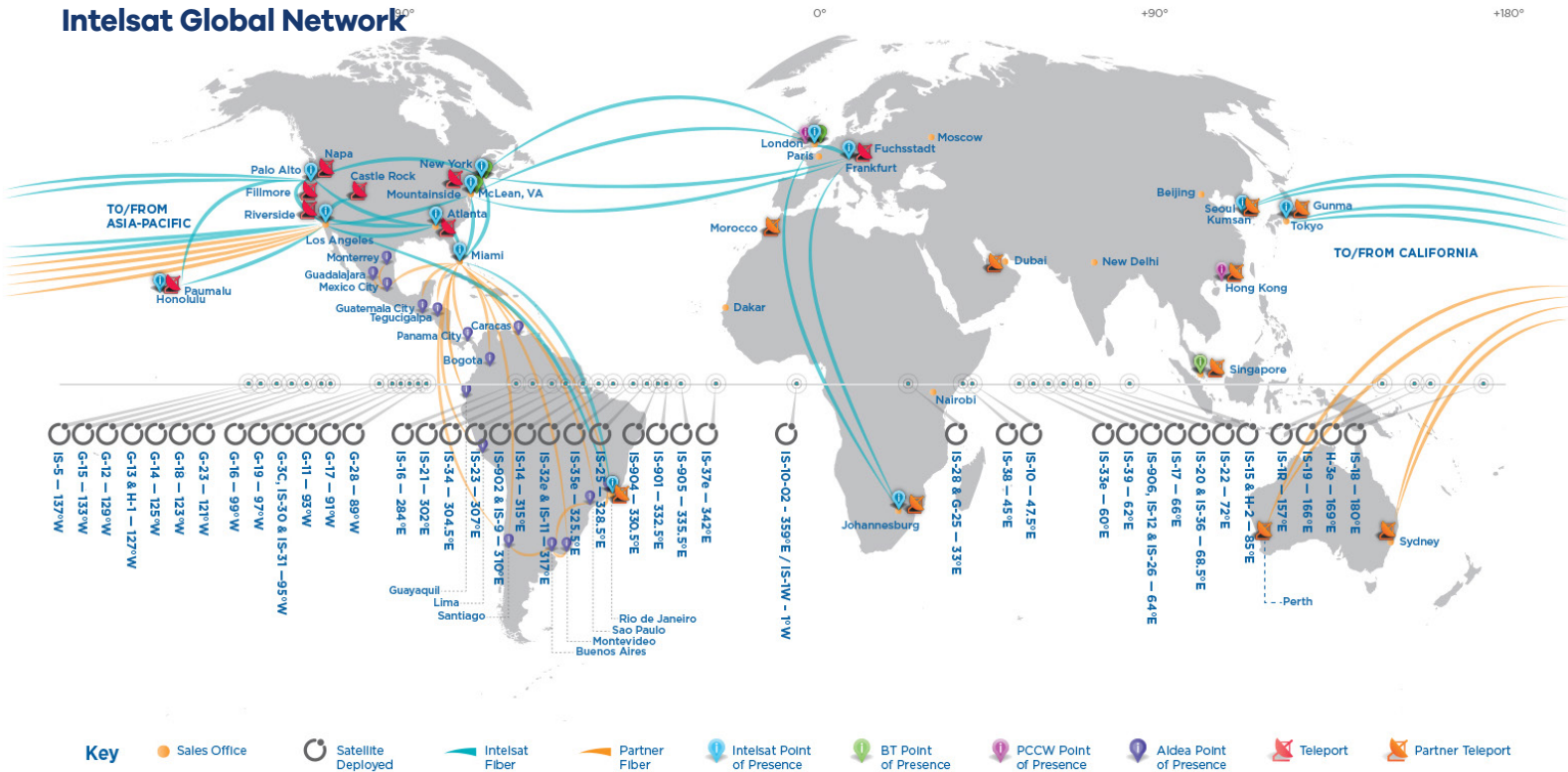
Polarization: Circular – Right or Left Hand

Downlink Frequency:
17.80 to 18.80 GHz and
19.20 to 20.20 GHz

Typical Edge of Coverage e.i.r.p.:
Ka2: > 58.2 dBW
Ka601: > 53.0 dBW

Uplink Frequency:
27.60 to 28.60 GHz and
29.00 to 30.00 GHz

Beam Peak G/T:
Ka2: Up to 20.5 dB/K
Ka601: Up to 20.7 dB/K



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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