Intelsat 10-02 at 359°E

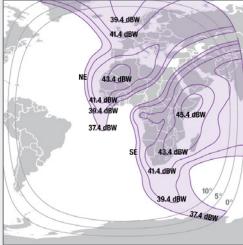
Expanding broadband, video distribution and mobile services to support increasing connectivity demands across Europe, South America, Africa and the Middle East.

Intelsat partners with Northrop Grumman on the second Mission Extension Vehicle (MEV-2) to extend the life of Intelsat 10-02 – an otherwise healthy satellite running low on fuel – for another five years. Intelsat is proud to play a critical role in accelerating space-servicing innovations, which will drive even greater efficiencies in the commercial space industry and help to significantly reduce space debris.

C-band Hemi Beam

42.5 dBW WHA 41.1 dBW 55008

C-band Zone Beam



C-band Key Parameters

Configurable Capacity: 70 (in equivalent 36 MHz units)
Polarization: Circular - Right or Left Hand

Downlink Frequency: 3625 to 4200 MHz

Typical Edge of Coverage e.i.r.p.:
Global: > 32 dBW
Hemi/Zone: > 37 dBW

Uplink Frequency: 5850 to 6425 MHz

Beam Peak G/T:

Global: Up to -7.7 dB/K Hemi/Zone: Up to 3.0 dB/K

Ku-band Key Parameters

Configurable Capacity: 36 (in equivalent 36 MHz units)
Polarization: Linear – Horizontal or Vertical

Downlink Frequency: 10.95 to 12.75 GHz

Typical Edge of Coverage e.i.r.p.:
Spot 1: > 47.7 dBW
Spot 2: > 47.7 dBW
Spot 3/3X: > 46.7 dBW
Uplink Frequency: 13.75 to 14.50 GHz

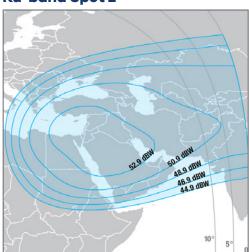
Uplink Frequency: Beam Peak G/T:

Spot 1: Up to 6.8 dB/K Spot 2: Up to 6.6 dB/K Spot 3/3X: Up to 5.9 dB/K

Ku-band Spot 1



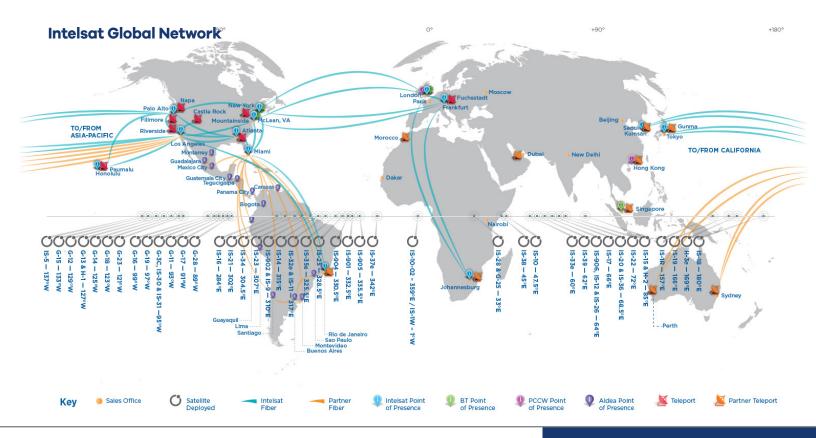
Ku-band Spot 2



Ku-band Spot 3/3X







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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