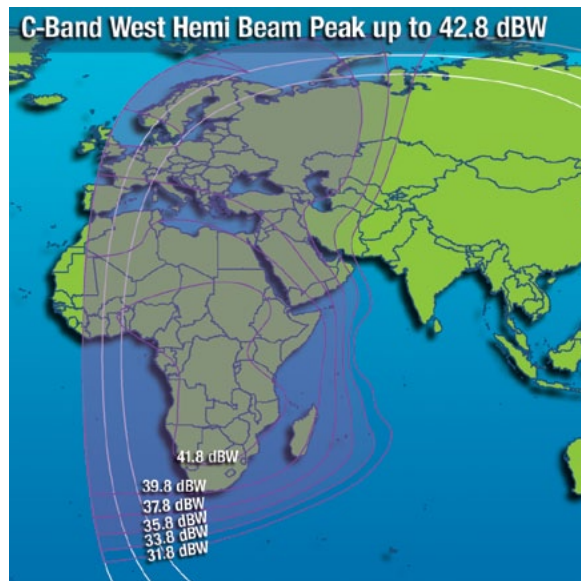


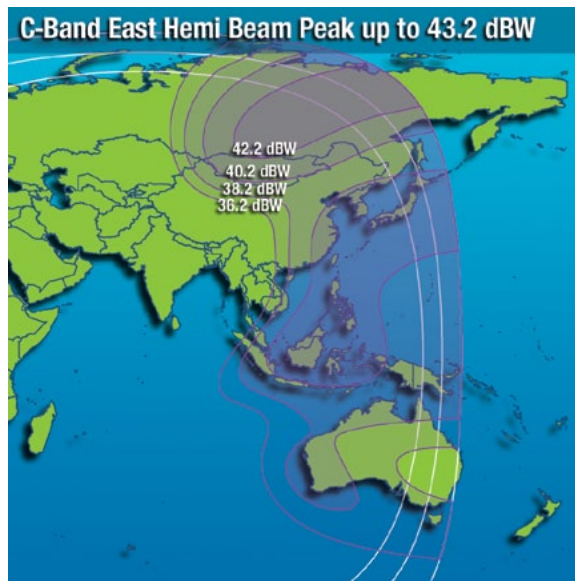
Serving Intelsat customers throughout Europe, Middle East, Africa & Asia

As part of Intelsat's fleet replacement and expansion plans, the Intelsat 22 (IS-22) satellite is scheduled to start service at 72°E in 2012.

IS-22 at 72°E – C-Band West Hemi*



IS-22 at 72°E – C-Band East Hemi*



C-Band Key Parameters

Transponders:
24 x 72 MHz

Polarization:
Circular – Right Hand or Left Hand

Downlink Frequency:
3625 to 4200 MHz

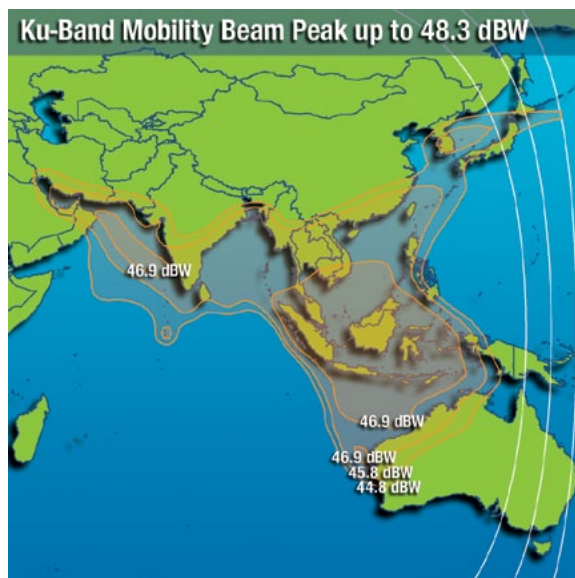
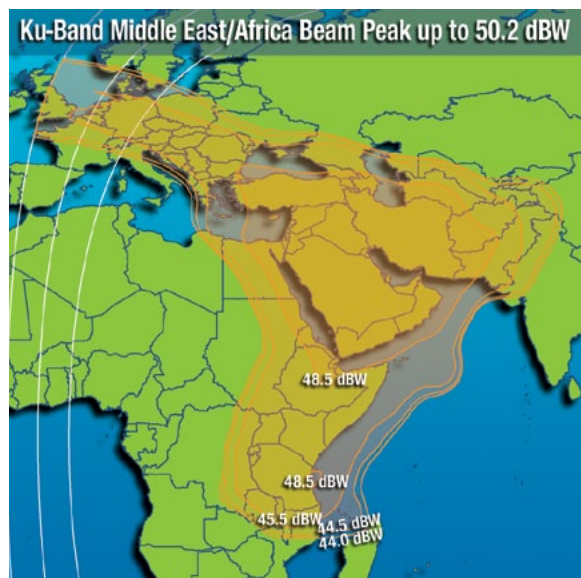
Uplink Frequency:
5850 to 6425 MHz

G/T (Edge of Coverage
to Beam Peak):
West Hemi: -3.3 up to 2.6 dB/K
East Hemi: -1.9 up to 3.6 dB/K

SFD Range (at G/T = 0 dB/K):
West Hemi: -104.4 to -76.4 dBW/m²
East Hemi: -103.1 to -75.1 dBW/m²

*This is a future spacecraft deployment. All payload performance values are preliminary.

IS-22 at 72°E – Ku-Band Mid. East/Africa* IS-22 at 72°E – Ku-Band Mobility*



Ku-Band Key Parameters

Transponders:
12 x 36 MHz, 6 x 72 MHz

Polarization:
Linear – Horizontal or Vertical

Downlink Frequency:
ME/Africa: 11.45 to 11.70 GHz and
12.50 to 12.75 GHz
Mobility: 12.25 to 12.75 GHz

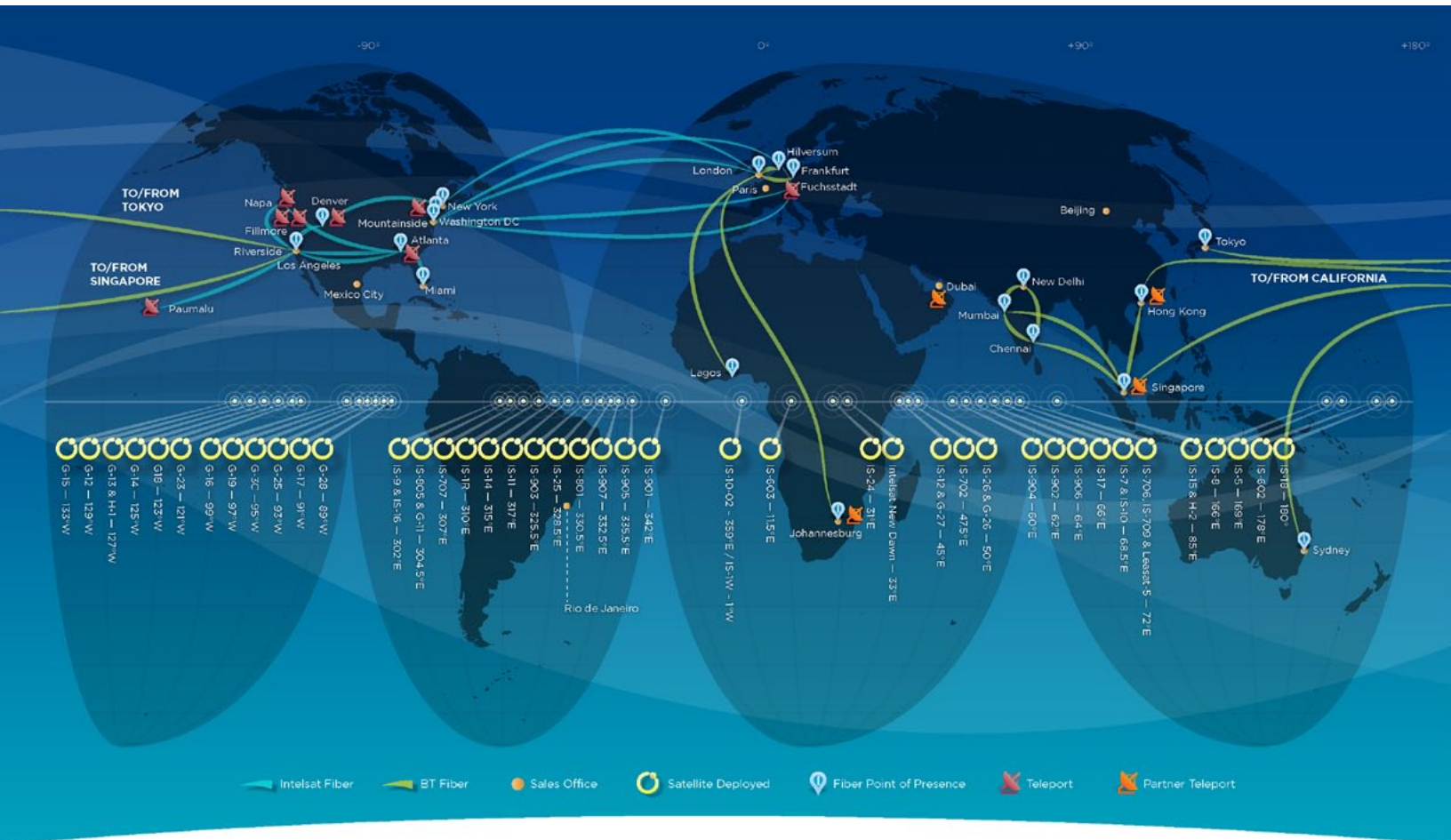
Uplink Frequency:
14.0 to 14.50 GHz

G/T (Edge of Coverage
to Beam Peak):
ME/Africa: -1.5 up to +4.9 dB/K
Mobility: -0.9 up to +2.3 dB/K

SFD Range (at G/T = 0 dB/K):
ME/Africa: -103.4 to -75.4 dBW/m²
Mobility: -102.8 to -74.8 dBW/m²

*This is a future spacecraft deployment. All payload performance values are preliminary.

Intelsat Global Infrastructure



About Intelsat

Intelsat is the leading provider of fixed satellite services worldwide. For over 45 years, Intelsat has been delivering information and entertainment for many of the world's leading media and network companies, multinational corporations, Internet service providers and governmental agencies. Intelsat's satellite, teleport and fiber infrastructure is unmatched in the industry, setting the standard for transmissions of video, data and voice services. From the globalization of content and the proliferation of HD, to the expansion of cellular networks and broadband access, with Intelsat, advanced communications anywhere in the world are closer, by far.

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