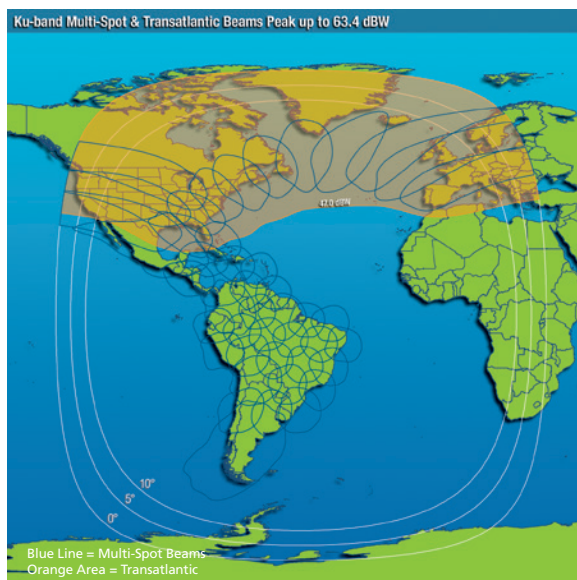


Break from convention with the world's most advanced satellite platform

Our next-generation high throughput satellite, Intelsat 29e (IS-29e), delivers high performance with the most flexible satellite architecture design, enabling our customers to expand their addressable markets. IS-29e combines high throughput Ku- spot beams in the Americas to meet broadband demand for carrier-grade telecom and enterprise connectivity as well as Atlantic Ocean and Caribbean coverage for dense aero and shipping routes. A transatlantic Ku- wide beam overlay provides efficient broadcast capabilities for in-flight entertainment and C-band wide beam provides full South American continent coverage for media distribution

IS-29e – Ku-Band Multi-Spot & Transatlantic*



Ku-Band Key Parameters

Total Transponders:
9395 MHz total downlink

Polarization:
Linear – Horizontal or Vertical

Downlink Frequency:
11.45 to 12.20 GHz

Typical Edge of Coverage e.i.r.p:
Multi-Spot: 46.7 up to 63.4 dBW
Transatlantic: 47.0 up to 48.2 dBW

Typical G/T Range:
Multi-Spot: 7.1 up to 17.2 dB/K
Transatlantic: -1.0 up to 2.0 dB/K

SFD Range (0.0 dB/K):
Multi-Spot: -100 to -72 dBW/m²
Transatlantic: -109 to -81 dBW/m²

C-Band Key Parameters

Total Transponders:
24 (in equivalent 36 MHz units)

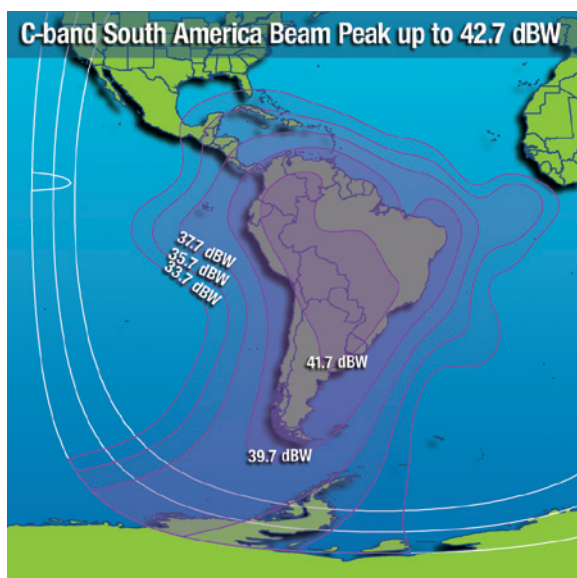
Polarization:
Linear – Horizontal or Vertical

Typical Edge of Coverage e.i.r.p:
> 36 dBW

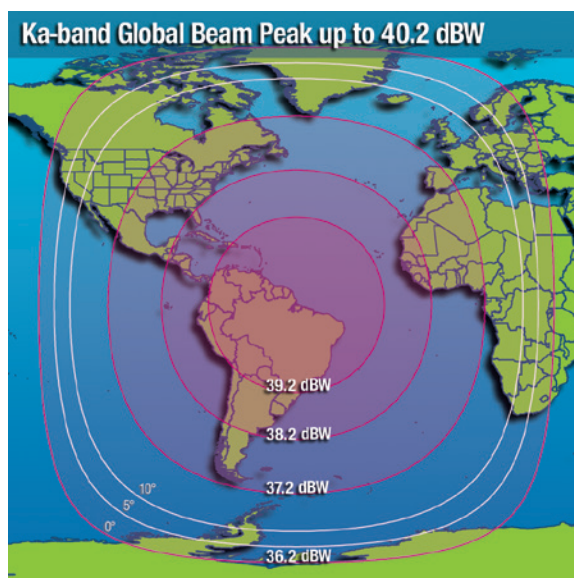
Beam Peak G/T:
Up to 2.7 dB/K

SFD Range (0.0 dB/K):
-97 to -69 dBW/m²

IS-29e – C-Band South America*



IS-29e – Ka-Band Global*



Ka-Band Key Parameters

Total Transponders:
450 MHz

Polarization:
Circular – Right Hand or Left Hand

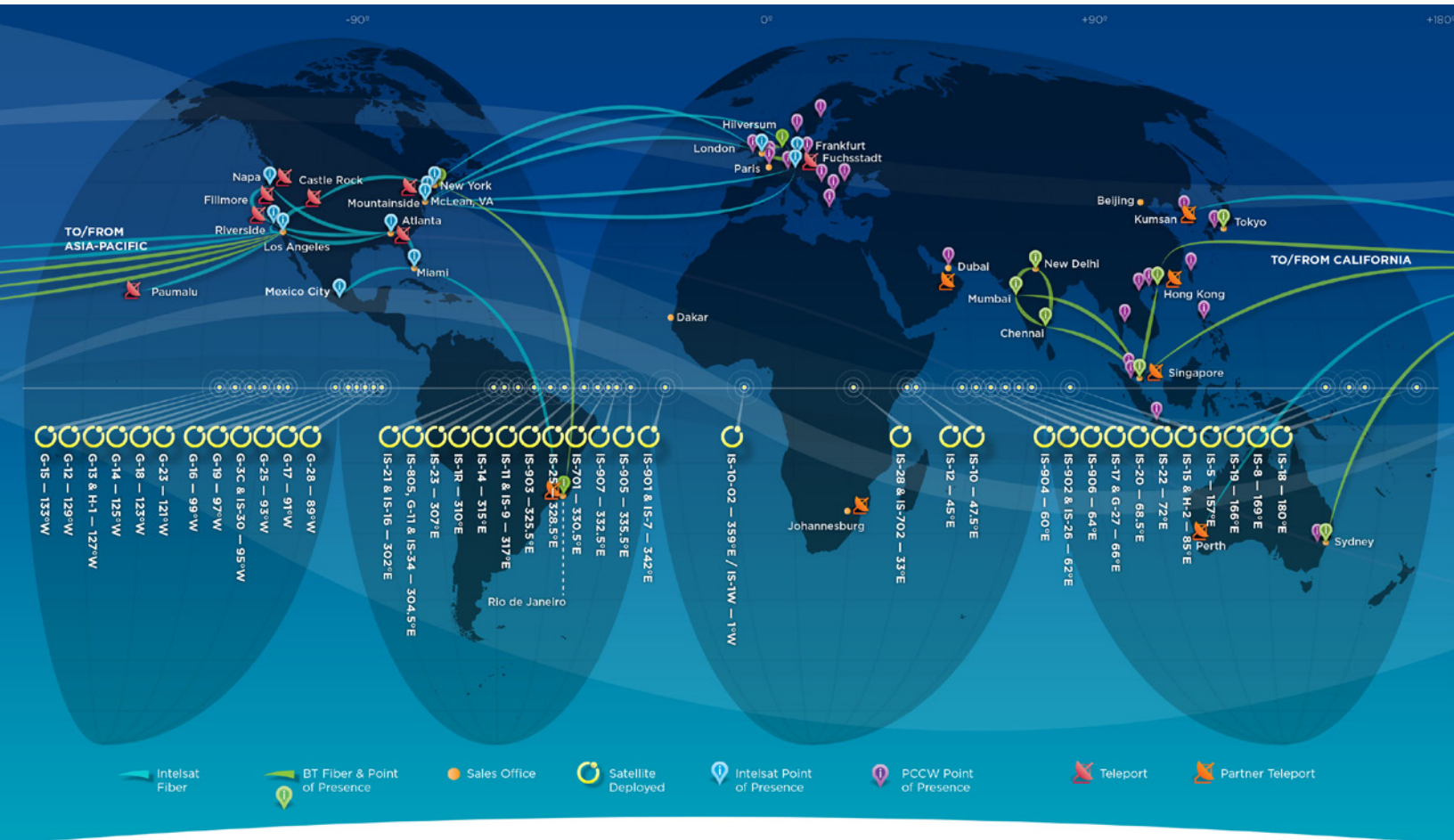
Typical Edge of Coverage e.i.r.p:
> 35.5 dBW

Beam Peak G/T:
Up to 6.6 dB/K

SFD Range (0.0 dB/K):
-105 to -84 dBW/m²

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

Intelsat Global Infrastructure



About Intelsat

Intelsat S.A. (NYSE: I) is the world's leading provider of satellite services, delivering high performance connectivity solutions for media, fixed and mobile broadband infrastructure, enterprise and government and military applications.

Intelsat's satellite, teleport and fiber infrastructure is unmatched in the industry, setting the standard for transmissions of video and broadband services. From the globalization of content and the proliferation of HD, to the expansion of cellular networks and mobile broadband access, with Intelsat, envision your future network, connect using our leading satellite technology and transform your opportunities.

Envision...Connect...Transform...with Intelsat.

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