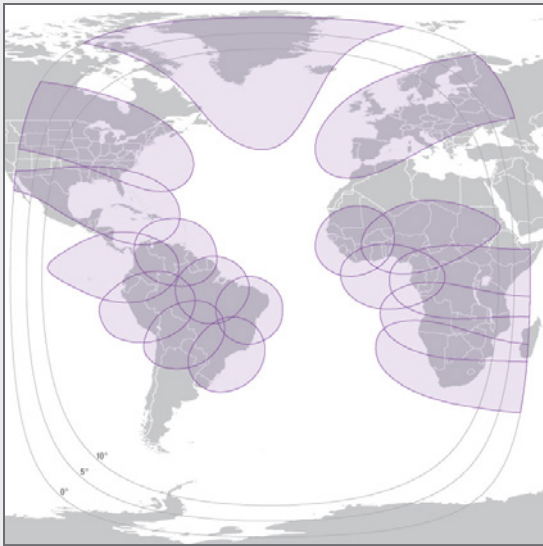


Intelsat 35e at 325.5°E

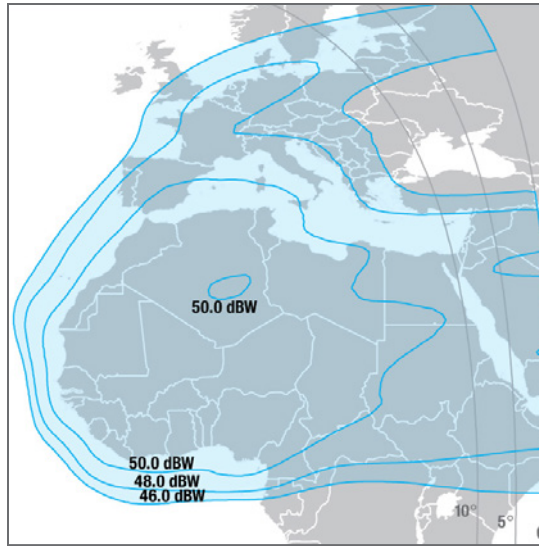
Capture New Growth with the World's Most Advanced Satellite Platform

The fourth of our Intelsat Epic next-generation high throughput satellites, Intelsat 35e delivers high performance services in C- and Ku-bands. Its unique payload of C-band wide- and spot-beams enables higher efficiency and improved throughput for demanding applications including wireless backhaul, enterprise and mobility services in regions where weather patterns necessitate use of highly reliable C-band spectrum. The Intelsat 35e Ku-band services include a customized high power wide beam for DTH service delivery in the Caribbean, as well as services for mobility and government applications in the Caribbean, trans-Europe to Africa and the African continent.

C-band Spot Beams



Ku-band Africa/Europe Beam



C-band Key Parameters

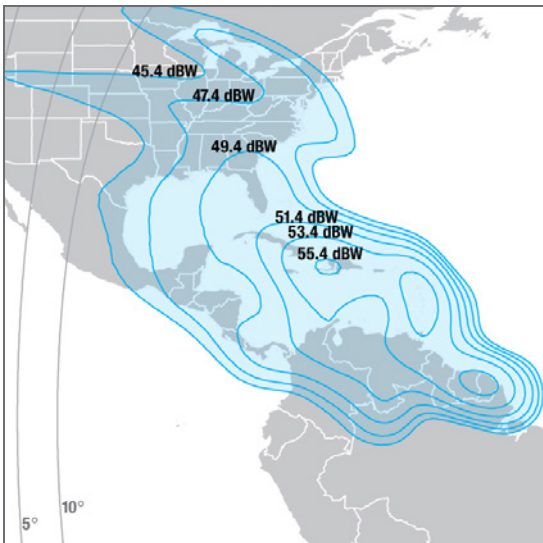
Configurable Capacity:
112 (in equivalent 36 MHz units)

Polarization:
Circular – Right or Left Hand

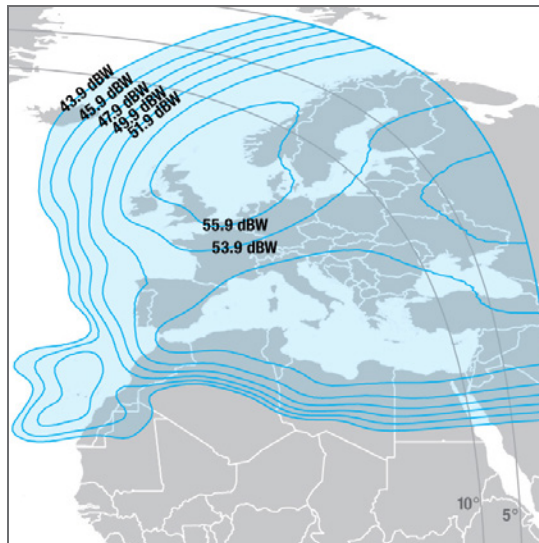
Typical Coverage e.i.r.p. Range:
Spots: 42.6 up to 54.6 dBW
Global: 33.6 up to 37.1 dBW

Typical G/T Range:
Spots: 3.6 up to 12.6 dB/K
Global: -8.0 up to -4.5 dB/K

Ku-band Caribbean Beam



Ku-band Europe/Mediterranean Beam



Ku-band Key Parameters

Configurable Capacity:
39 (in equivalent 36 MHz units)

Polarization:
Linear – Horizontal or Vertical

Downlink Frequency:
10.95 to 11.20 GHz and
11.45 to 11.70 GHz

Typical Edge of Coverage e.i.r.p.:
Caribbean: > 47.4 dBW
Europe/Med.: > 45.4 dBW
Africa/Europe: > 47.1 dBW

Uplink Frequency:
13.75 to 14.50 GHz

Beam Peak G/T:
Caribbean: up to 10.6 dB/K
Europe/Med.: up to 11.3 dB/K
Africa/Europe: up to 5.1 dB/K

