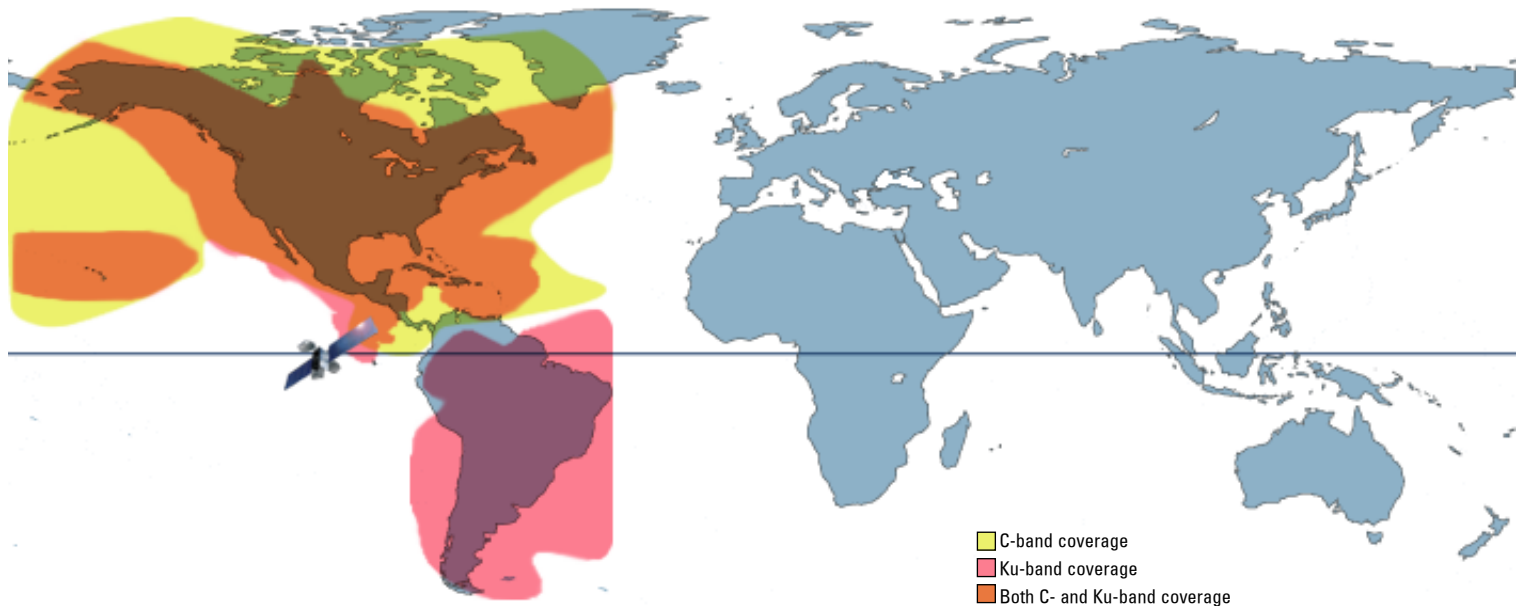


# AMC-4 SATELLITE

101° W.L. | Hybrid C/Ku-band | Americas



AMERICOM-4 (AMC-4) marked the beginning of AMERICOM's international service offerings when it came online in 1999. With the unique feature of switchable Ku-band transponders, AMC-4 was able to meet market demand for comprehensive North and South American communications services.

The combined C-band payloads of AMC-4 and AMC-1 (103° W.L.) form the **Cable2®** neighborhood, which reaches more than 61 million cable households with national and regional programming services.

With coverage of all 50 states, this new cable neighborhood has become a real alternative to the world's best at 131 & 135 W.L. -- AMERICOM's original cable neighborhood.

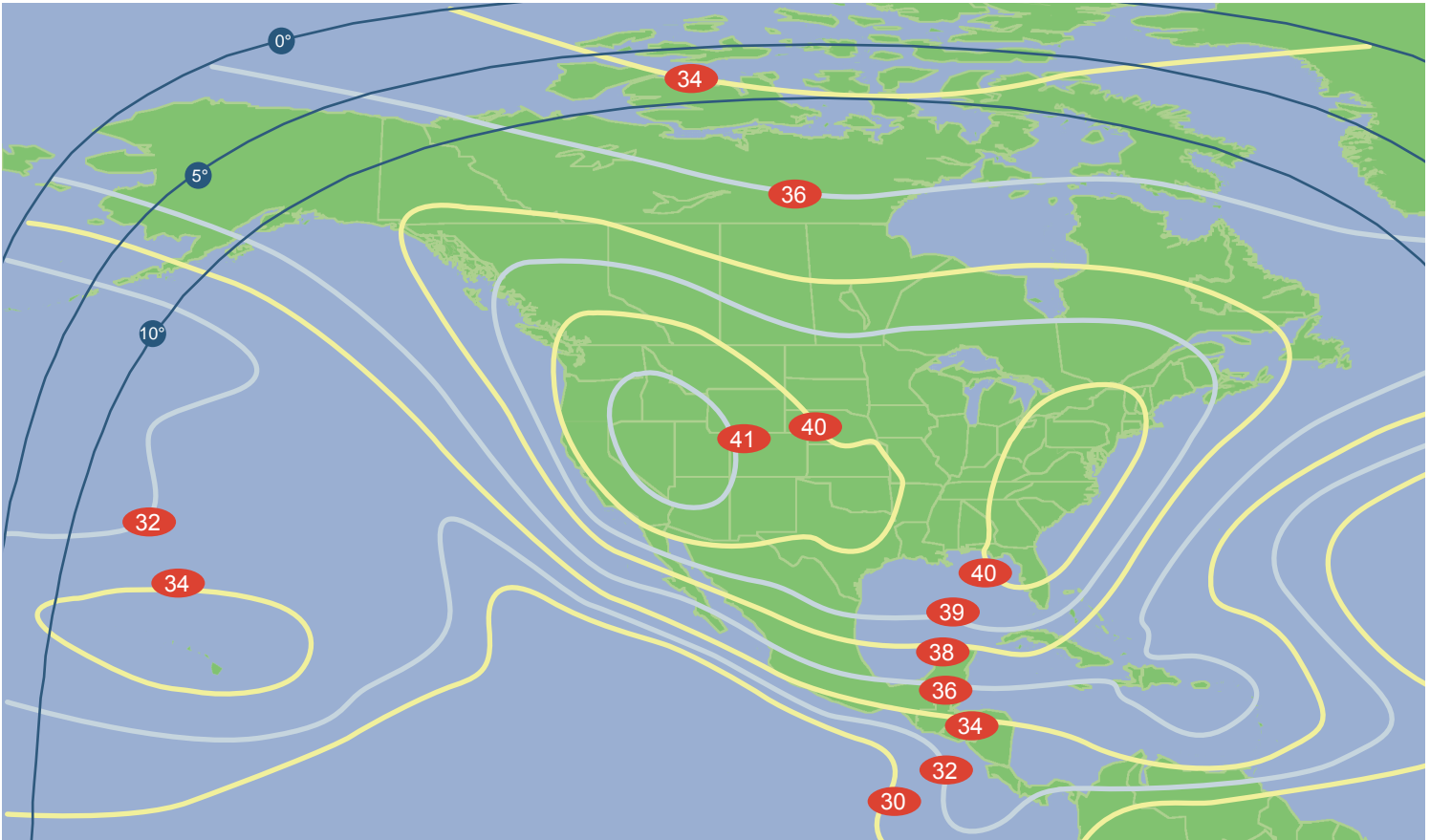
## Satellite transponder information

<b>Spacecraft design</b>	Lockheed Martin A2100
<b>Orbital location</b>	101° W.L.
<b>Launch Date/Vehicle</b>	November, 1999 /Ariane 44LP
<b>Design life</b>	15 years
<b>C-band payload</b>	
Transponder type	24 x 36 MHz SSPA, 20 watt
Amp redundancy	16 for 12
Receiver redundancy	4 for 2
Coverage	50-state, Canada, Mexico, Caribbean, Central America
<b>Ku-band payload</b>	
Transponder type	24 x 36 and 4 x 72 MHz TWTA, 110 watt
Amp redundancy	18 for 14
Receiver redundancy	6 for 4
Coverage	50-state, Canada, Mexico, Caribbean, Central America, South America

## AMC-4 SATELLITE

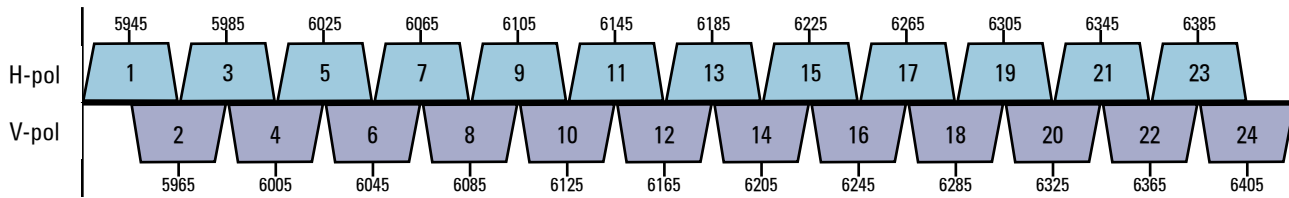
101° W.L. | C/Ku-band | Americas

### Typical minimum C-band EIRP

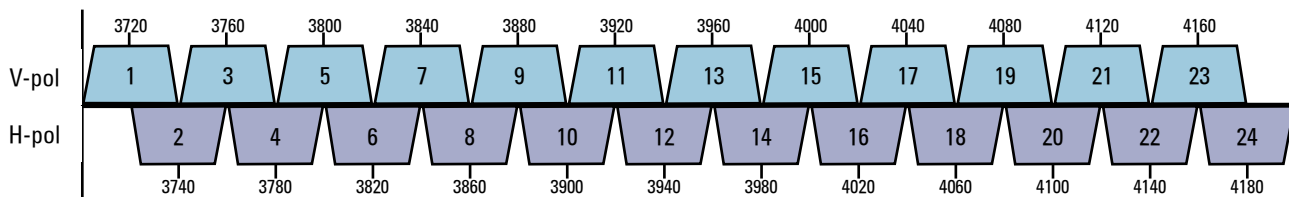


### C-band Frequency Plan

Uplink (MHz): 5925 - 6425



Downlink (MHz): 3700 - 4200



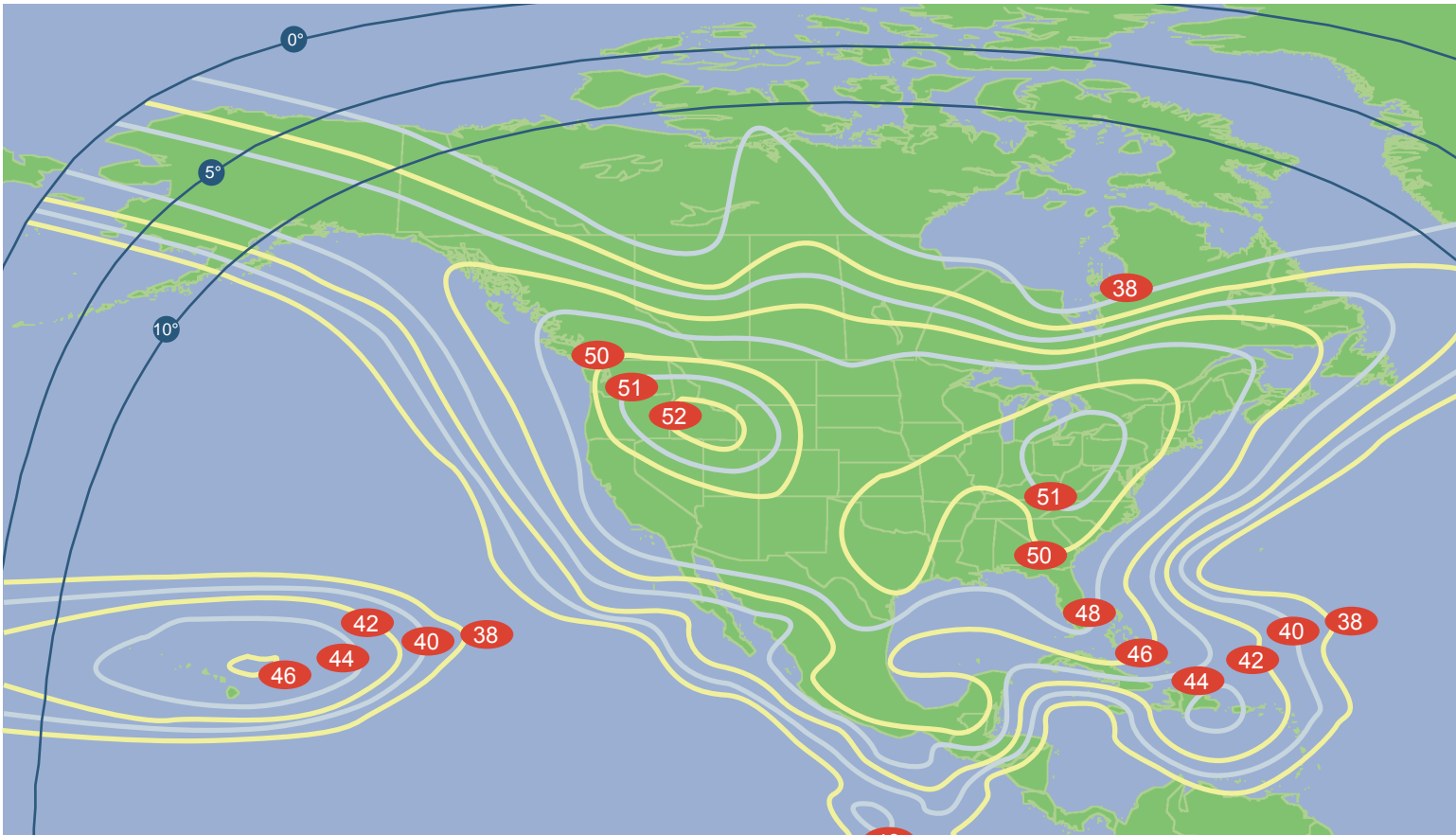
Beacon 1: 3700.5 MHz (H)

Beacon 2: 4199.5 MHz (V)

# AMC-4 SATELLITE

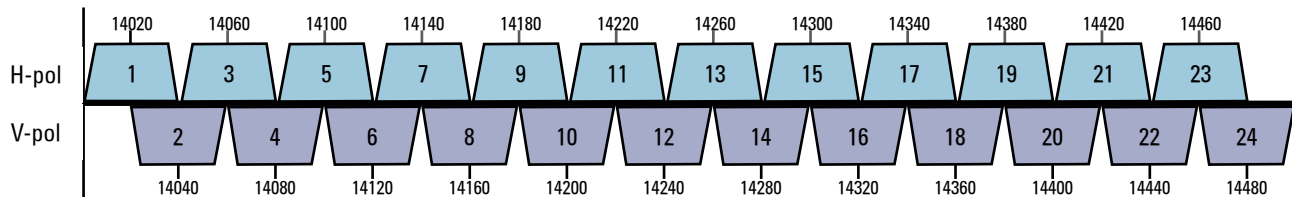
101° W.L. | C/Ku-band | Americas

## Typical minimum Ku-band EIRP

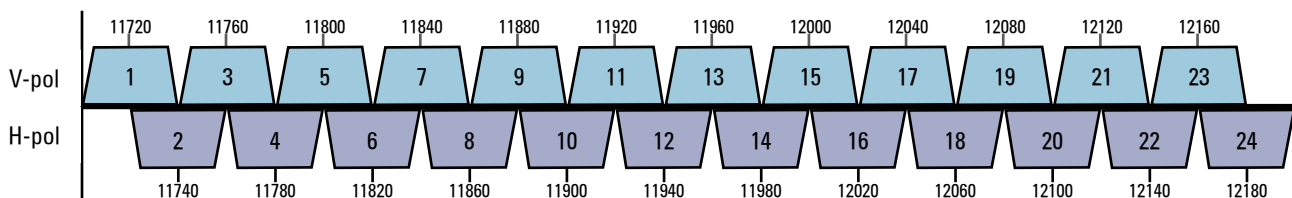


## Ku-band Frequency Plan

Uplink (MHz): 14000 - 14500



Downlink (MHz): 11700 - 12200



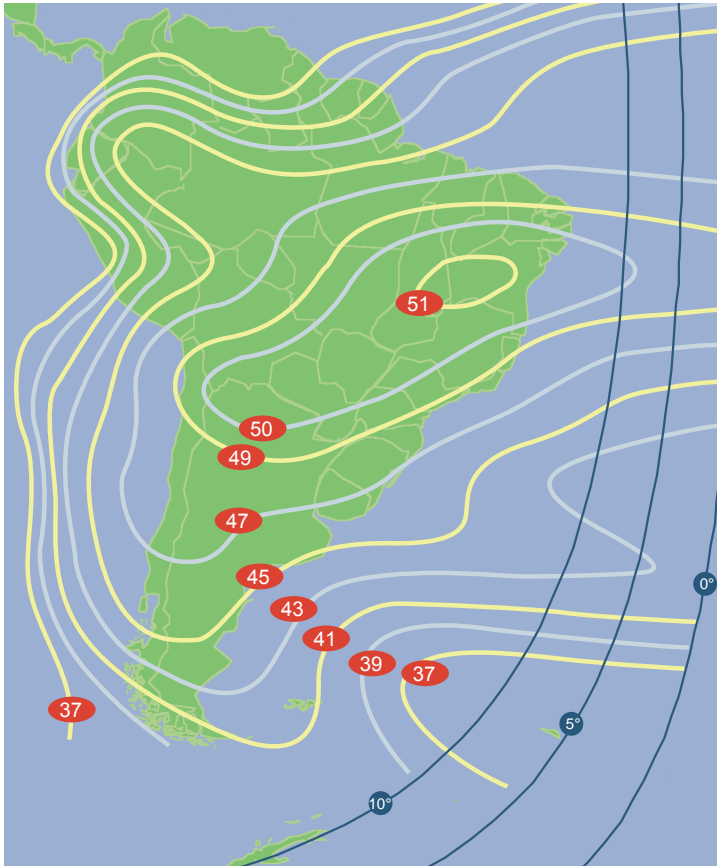
Beacon 1: 11702 MHz (H)

Beacon 2: 12198 MHz (V)

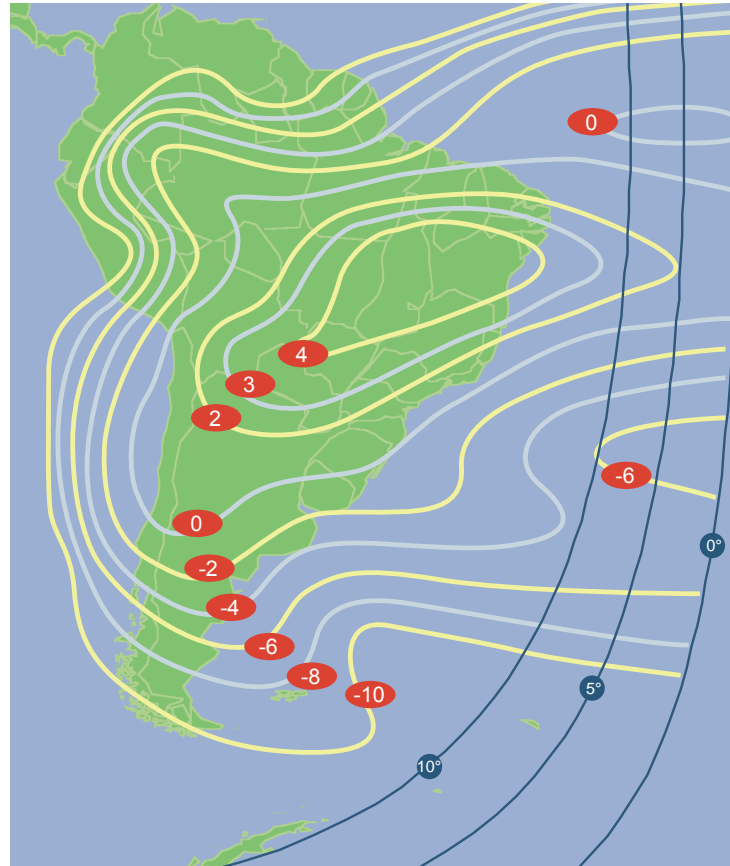
# AMC-4 SATELLITE

101 W.L. | Hybrid C/Ku-band | Americas

## Typical minimum Ku-band EIRP



## Typical minimum Ku-band G/T

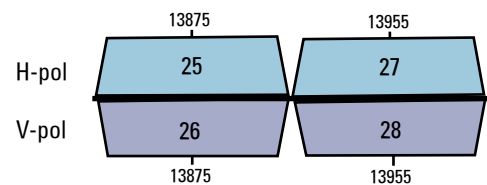


AMC-4's Ku-band transponders are individually switchable between North American and South American coverage, some of which use the extended Ku-band for international services (72 MHz configuration).

For more information, send an e-mail directly to [info.americom@ses-amicom.com](mailto:info.americom@ses-amicom.com) or please call 800-273-0329 (U.S.) or +1-609-987-4200.

## Extended Ku-band Frequency Plan

Uplink (MHz): 13750 - 13980



Downlink (MHz): 11450 - 11680

