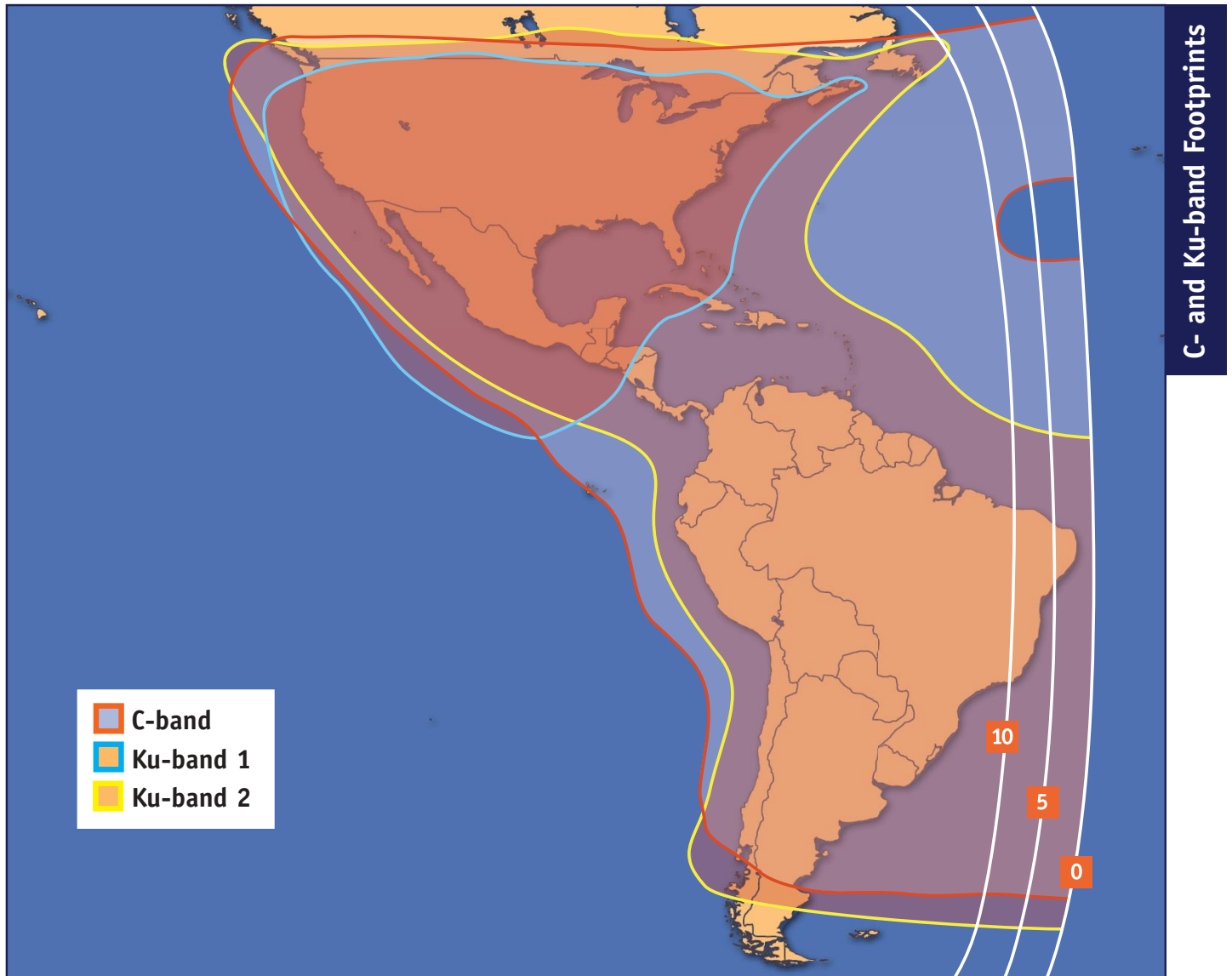


COVERAGE

Satmex 6 is a hybrid satellite that will operate in the C-band and Ku-band frequency ranges. The C-band coverage offers hemispheric coverage of North and South America. The Ku-band coverage offers high-powered hemispheric coverage as well as an ability to configure the coverage for North America only. The satellite will cover the Continental US, Central America, South America, the Gulf of Mexico and the Caribbean.

Expected to Begin Service
2006



C-band Payload

Transponders

36 MHz

Polarization

Orthogonal Linear

Frequency

Uplink: 6.1 to 6.4 GHz

Downlink: 3.9 to 4.2 GHz

Ku-band Payload

Transponders

36 MHz

Polarization

Orthogonal Linear

Frequency

Uplink: 14.2 to 14.4 GHz

Downlink: 11.9 to 12.1 GHz

Satmex 6 113° W

C-band

Location	EIRP (dBW)	G/T (dB/K)
Bogotá, Colombia	40.3	1.0
Buenos Aires, Argentina	40.4	-0.3
Caracas, Venezuela	40.0	0.7
Chicago, Illinois, U.S.	39.7	-0.7
Los Angeles, California, U.S.	40.3	-0.6
Mexico City, Mexico	39.0	0.5
New York, New York, U.S.	39.8	-0.7
Panamá City, Panamá	39.9	0.2
Portland, Maine, U.S.	39.1	-1.1
Puerto Montt, Chile	38.2	-5.2
Quito, Ecuador	40.0	-0.2
Rio de Janeiro, Brazil	40.0	-0.5
San Juan, Puerto Rico, U.S.	39.5	-1.4
Santiago, Chile	40.3	-1.2
Seattle, Washington, U.S.	38.1	-1.7

Ku-band 2

Location	EIRP* (dBW)	G/T (dB/K)
Bogotá, Colombia	50.3	2.1
Buenos Aires, Argentina	50.6	1.0
Caracas, Venezuela	50.0	1.4
Chicago, Illinois, U.S.	48.2	-1.3
Los Angeles, California, U.S.	48.2	-1.3
Mexico City, Mexico	48.2	-0.9
New York, New York, U.S.	48.1	-1.1
Panamá City, Panamá	49.6	0.0
Portland, Maine, U.S.	46.8	-1.9
Puerto Montt, Chile	48.5	-2.0
Quito, Ecuador	49.9	1.5
Rio de Janeiro, Brazil	50.5	1.1
San Juan, Puerto Rico, U.S.	47.2	-2.8
Santiago, Chile	49.8	-0.1
Seattle, Washington, U.S.	46.4	-3.0

* Table reflects EIRP values for Ku-band 2; EIRP values for Ku-band 1 are higher.

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