

Transponders

24 C Band @ 36MHz
 4 Ku Band @ 54MHz
 24 Ku Band @ 27MHz

Coverage

Continental US (CONUS), Alaska, Hawaii, Puerto Rico, the Caribbean and into Canada and Latin America. Prime location relative to Telstar 4 and Telstar 6 for broadcast neighborhood and excellent coverage for North American markets.

Began Service

7/97

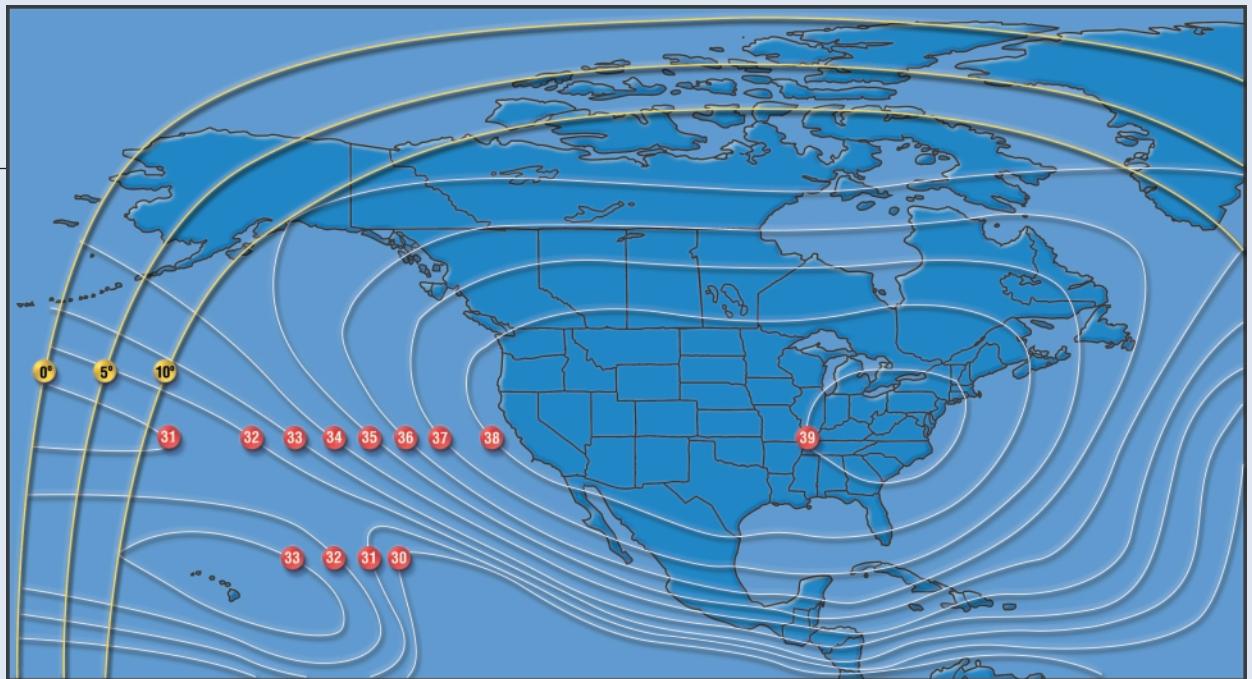
Planned Life

12 years

Stationkeeping

±0.05 degrees; 12 years of stationkeeping fuel

C-band EIRP (dBW)



Region	Typical EIRP (dBW)	Typical G/T (dB/K)
CONUS	38.8	0.4
Alaska	33.7	-8.2
Hawaii	33.8	-5.2
Puerto Rico/US Virgin Islands	34.0	-3.7
Mexico	35.9	-3.5
Southern Canada	37.0	-2.3
Caribbean	34.3	-3.5

Orbital Location	Transponders	Useable Bandwidth	Power
97 degrees W.	24 C Band	36 MHz	20 W Nominal

Saturation Flux Density - Typical CONUS

-71 to -92 (dBW/m²) at C band, adjustable in 1 dB steps

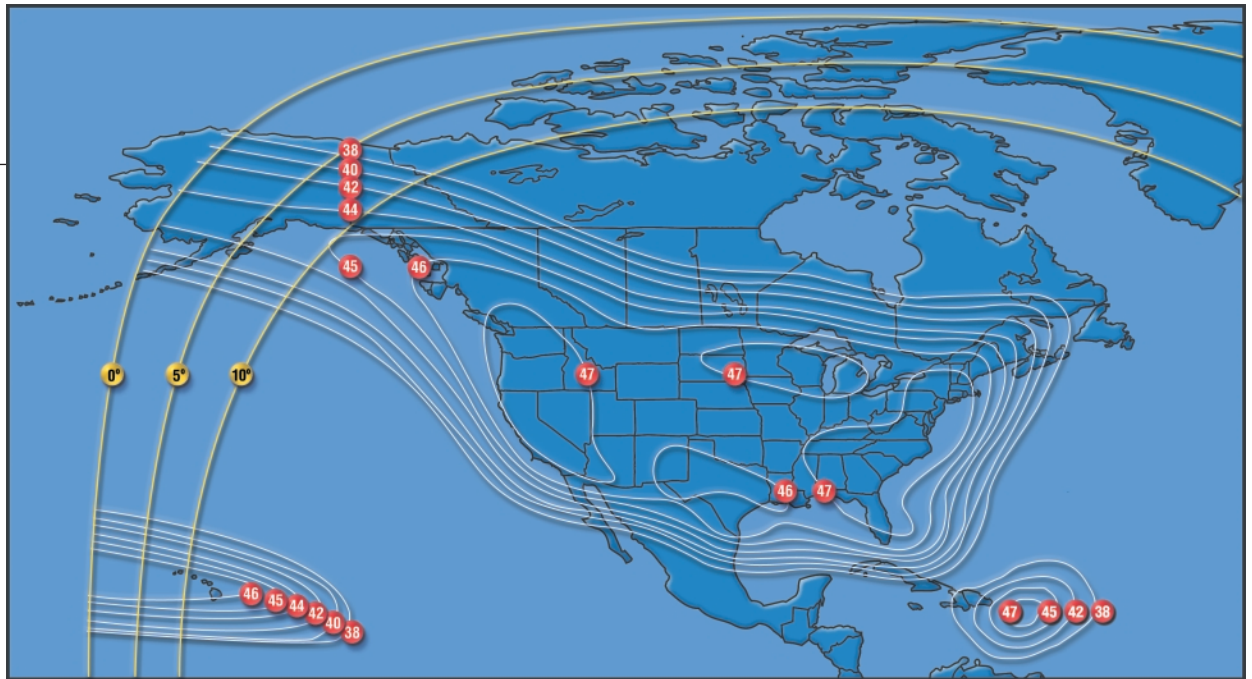
Frequency Band

4/6 GHz

Polarization

Orthogonal linear polarization at C band

Telstar 5



Ku-band EIRP (dBW)

Region	Typical EIRP (dBW)	Typical G/T (dB/K)
CONUS	48.3	1.2
Alaska	39.1	-5.9
Hawaii	46.4	0.6
Puerto Rico/US Virgin Islands	44.9	0.7
Mexico	43.6	-3.5
Southern Canada	44.3	-0.6
Caribbean	43.4	-2.3

Orbital Location	Transponders	Useable Bandwidth	Power
97 degrees W.	4 Ku Band	54 MHz	100 W Nominal
	24 Ku Band	27 MHz	100 W Nominal

Loral Skynet Sales Offices

North America
Tel: 1 908 470 2300
or
1 301 258 8101

US Government Sales
Tel: 1 703 414 1040

Europe
Tel: 44 (0) 207 297 2067

Latin America
Tel: 1 305 476 0503

Brasil
Tel: (55-21) 3211-9701/02/03

Asia Pacific
Singapore
Tel: 65 6253 4480

Bangalore, India
Tel: 91-80-532-3699,
532-3703, 532-3704

■ Saturation Flux Density - Typical CONUS

-75 to -96 (dBW/m²) at Ku band, adjustable in 1 dB steps

■ Polarization

Orthogonal linear polarization at Ku band

■ Frequency Band

12/14 GHz

