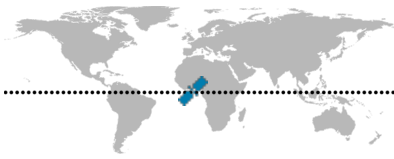


NSS-7 20°W

Orbital location

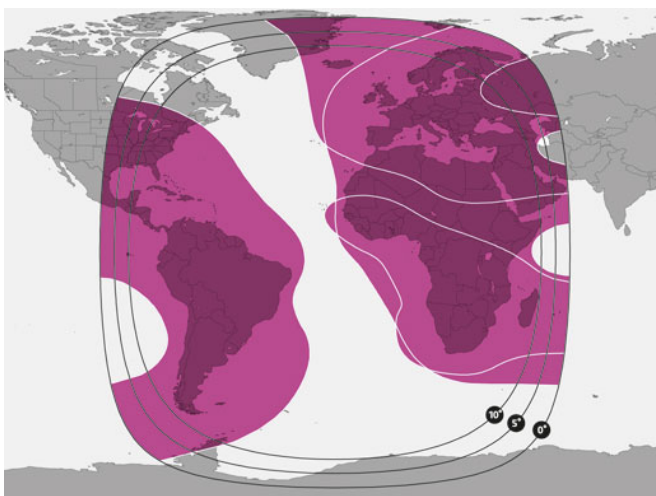


SES[▲]
your satellite company

Coverage

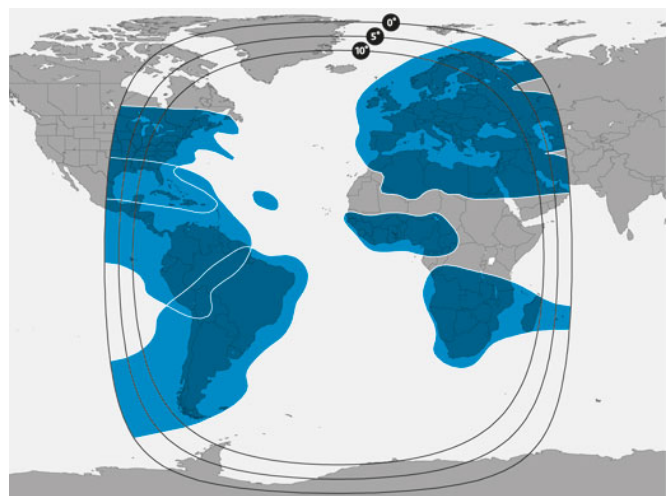
North America | Latin America | South Africa | North Africa
| Europe | Atlantic Ocean | Pacific Ocean

C-band coverage



○ EIRP ● Elevation angle

Ku-band coverage



○ EIRP ● Elevation angle

With extensive coverage of Latin America, NSS-7 is ideal for both video and broadband services. It is also the leading satellite for transatlantic video traffic and the primary satellite for video distribution across Africa.

Launch date

16 April 2002

Launch vehicle

Ariane 44L

Design life

15 years

Satellite manufacturer

Lockheed Martin

Polarisation

C-band: Circular

Ku-band: Linear

Total transponders

C-band: 49

(36 MHz equivalent)

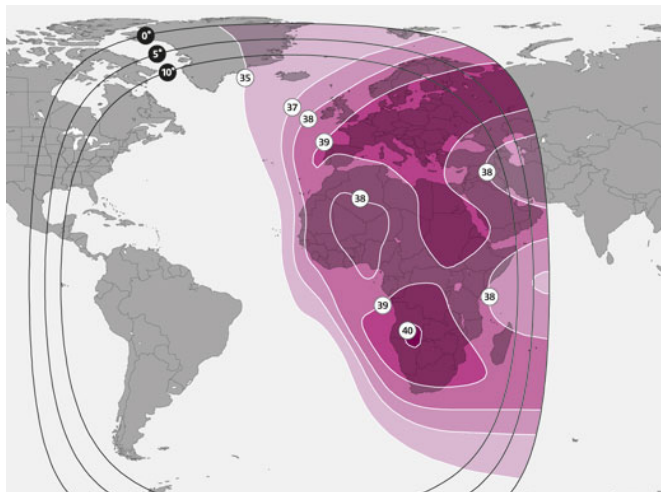
Ku-band: 48

(36 MHz equivalent)

NSS-7 20°W

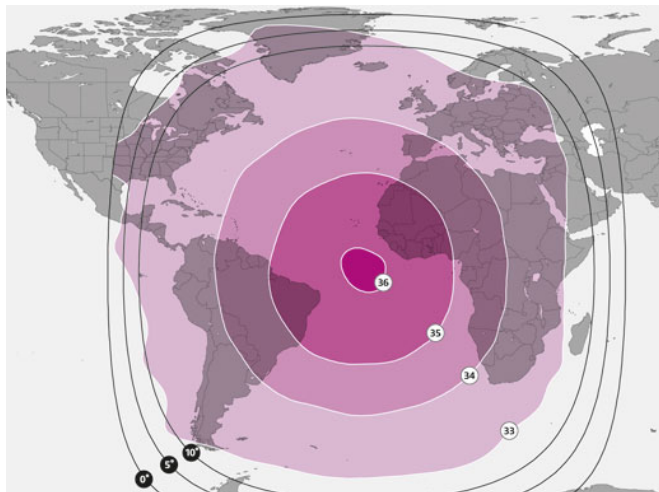
Orbital location

East Hemi C-band beam



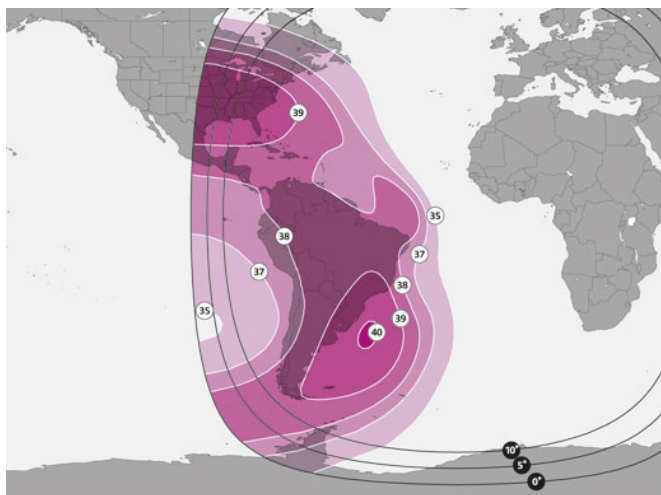
○ ERP ● Elevation angle

Global C-band beam



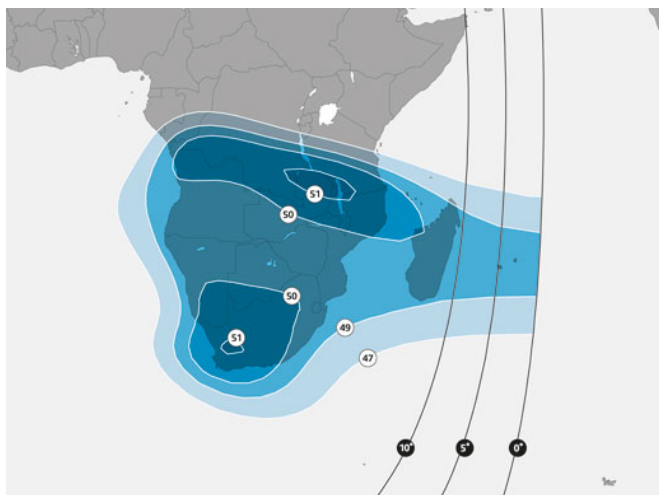
○ ERP ● Elevation angle

West Hemi C-band beam



○ ERP ● Elevation angle

South Africa Ku-band beam

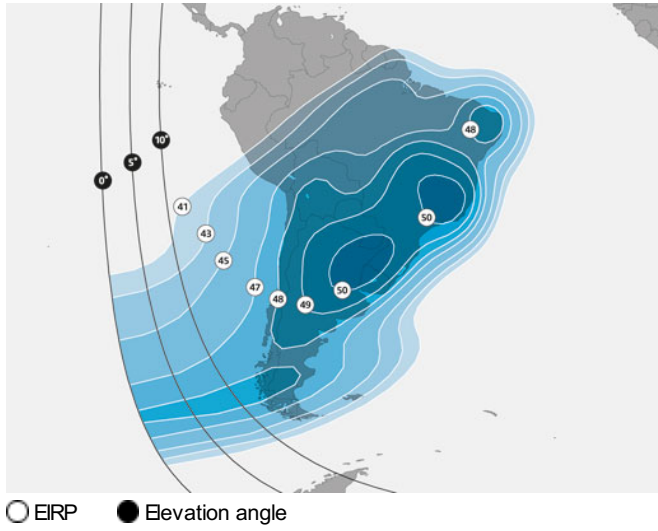


○ ERP ● Elevation angle

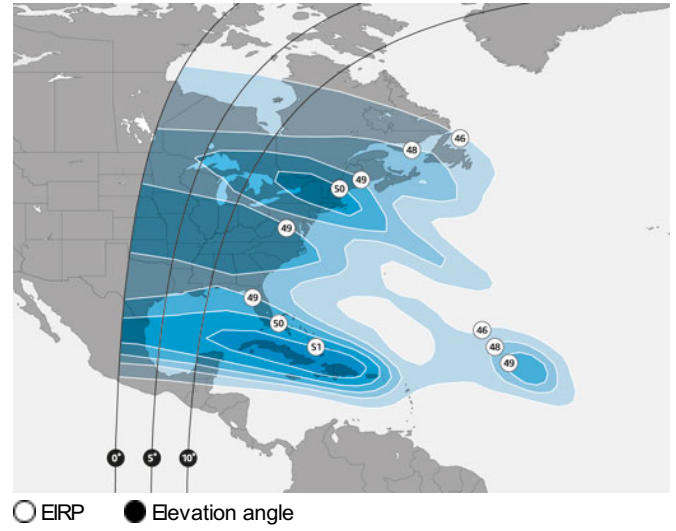
NSS-7 20°W

Orbital location

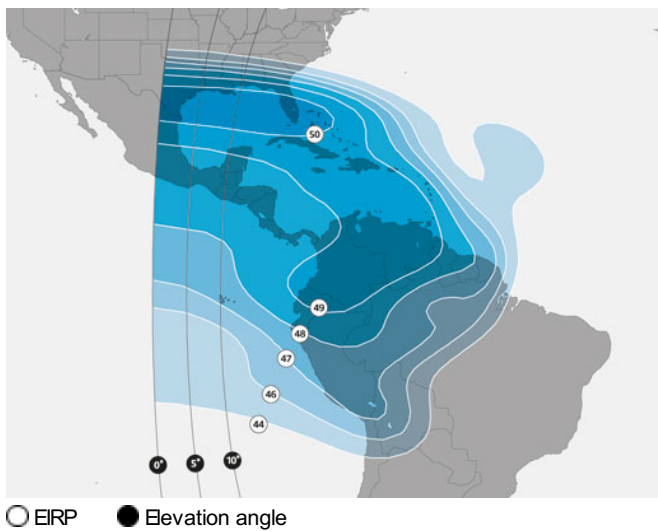
Southern Cone Ku-band beam



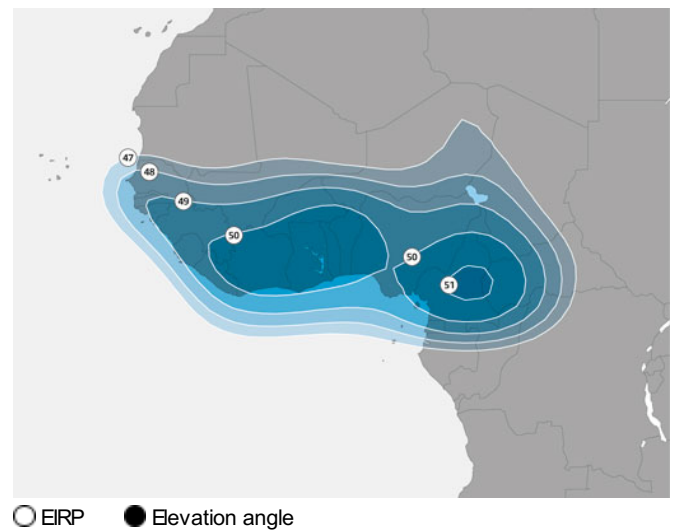
North America Ku-band beam



Caribbean Andes Ku-band beam



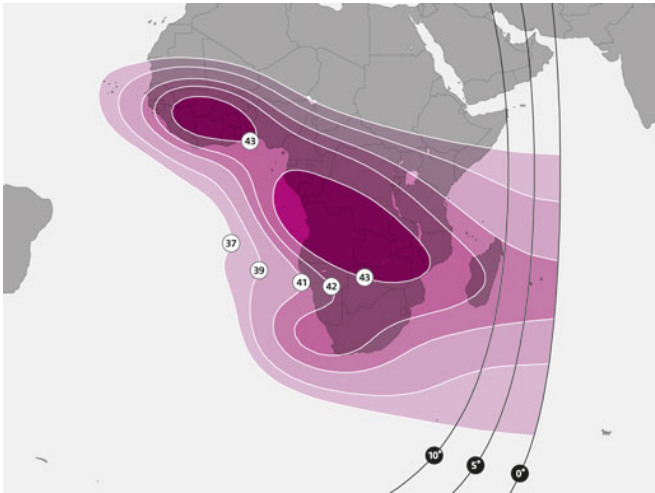
West Africa Ku-band beam



NSS-7 20°W

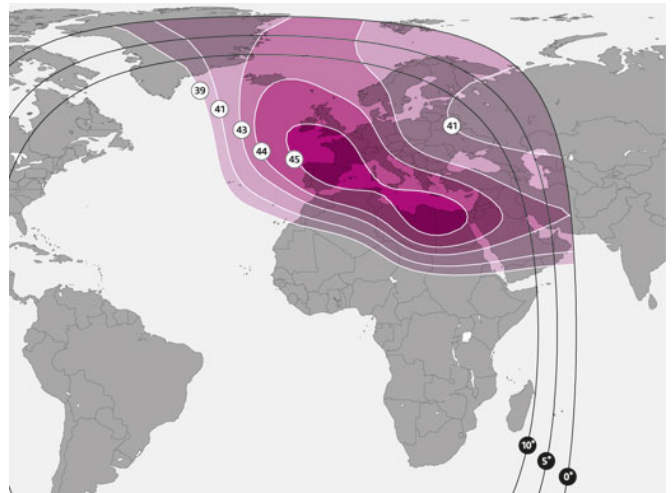
Orbital location

South East C-band zone



○ ERP ● Elevation angle

North East C-band zone



○ ERP ● Elevation angle