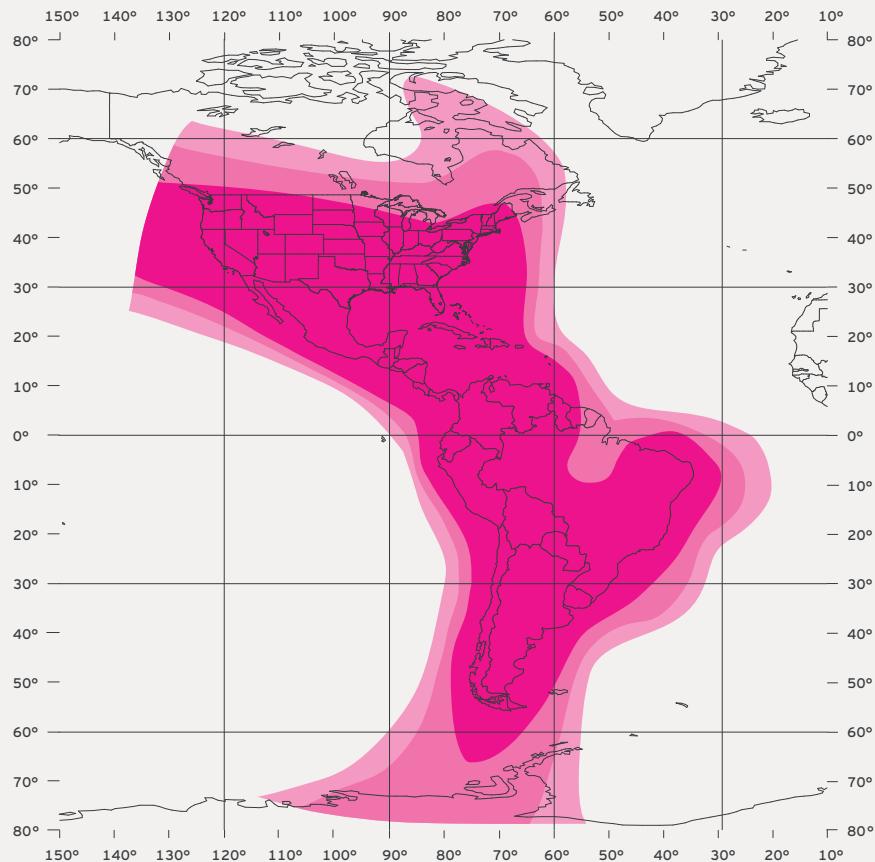


# Intelsat-21 (IS-21)

**TV Program – DW (Amerika), DW (Latinoamérica) | Radio Program**

Rebroadcasting and Direct-to-Home

Position	58° West
Transponder	8C
Frequency	3,840 GHz
Polarization	horizontal
FEC	7/8
Symbolrate	27,69 Msymbols/s
Modulation	QPSK
Video Standard	NTSC
Video Compression	MPEG-2/DVB (SA PowerVu)
Audio Compression	MPEG-1/Layer 2 + AC3 (2.0) + Cue-Ton
Network ID	5002
TV Channel	DW (Amerika), DW (Latinoamérica) – Channel 5
Radio Channels (Stereo)	DW-FEED3 – Channel 12



Reception may be possible even beyond these contours

2.0 m

2.4 m

3.0 m

Diameter of satellite receiving antenna  
in meter (approximate values)

**Important technical remark:**

The diameters of the antennas are calculated for perfect weather conditions (clear sky), assuming perfectly aligned high quality antennas. Commonly used wire mesh antennas have a lower efficiency than solid dishes. To secure the reception, it is advisable to generally choose a diameter about 20% larger.