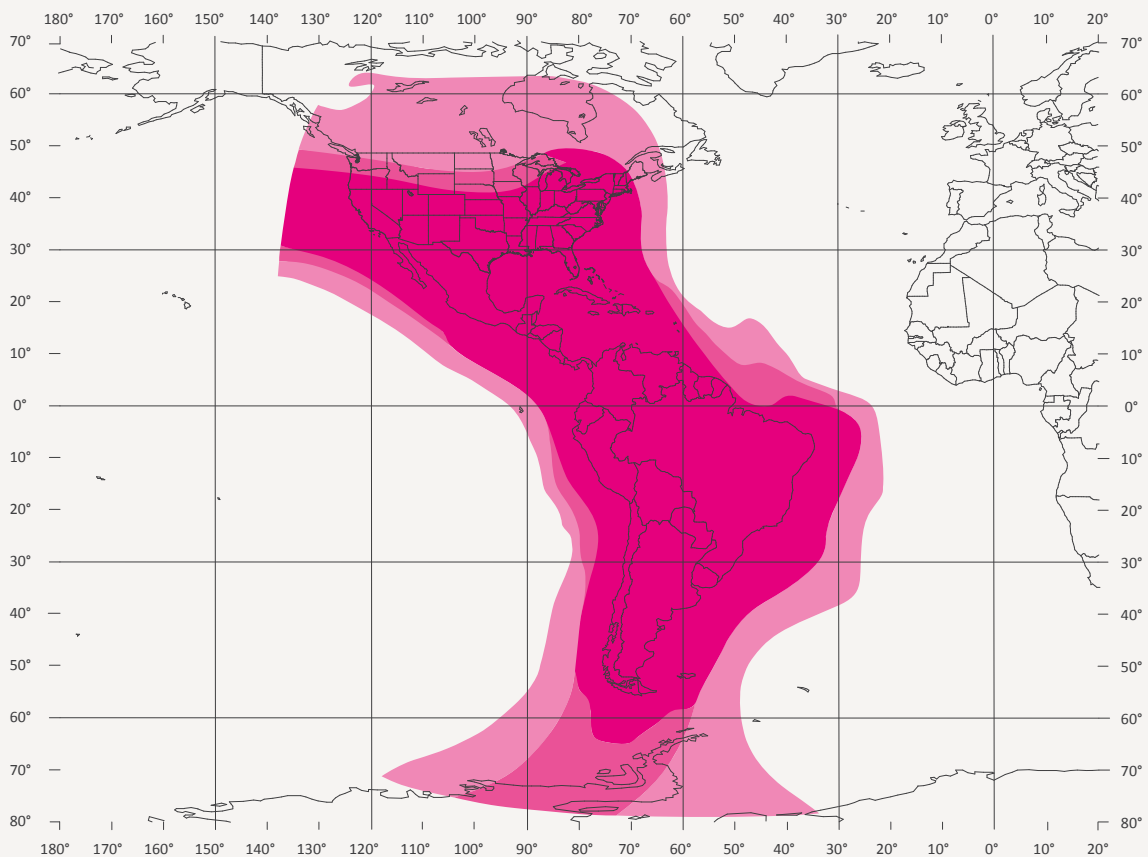


Intelsat-21 (IS-21)

TV Program – DW (Amerika), DW (Latinoamérica)

Rebroadcasting and Direct-to-Home

Position	58° West
Transponder	8C
Frequency	3,840 GHz
Polarization	horizontal
FEC	7/8
Symbolrate	27,690 Msymbols/s
Modulation	QPSK / DVB-S
Video Standard	NTSC
Video Compression	MPEG-2 (SA PowerVu)
Audio Compression	MPEG-1/Layer 2 + AC3 (2.0)
Encryption	-
Additional Data Services	EIT / EPG
TV Channel	DW (Amerika) – Channel 15, DW (Latinoamérica) – Channel 5



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.