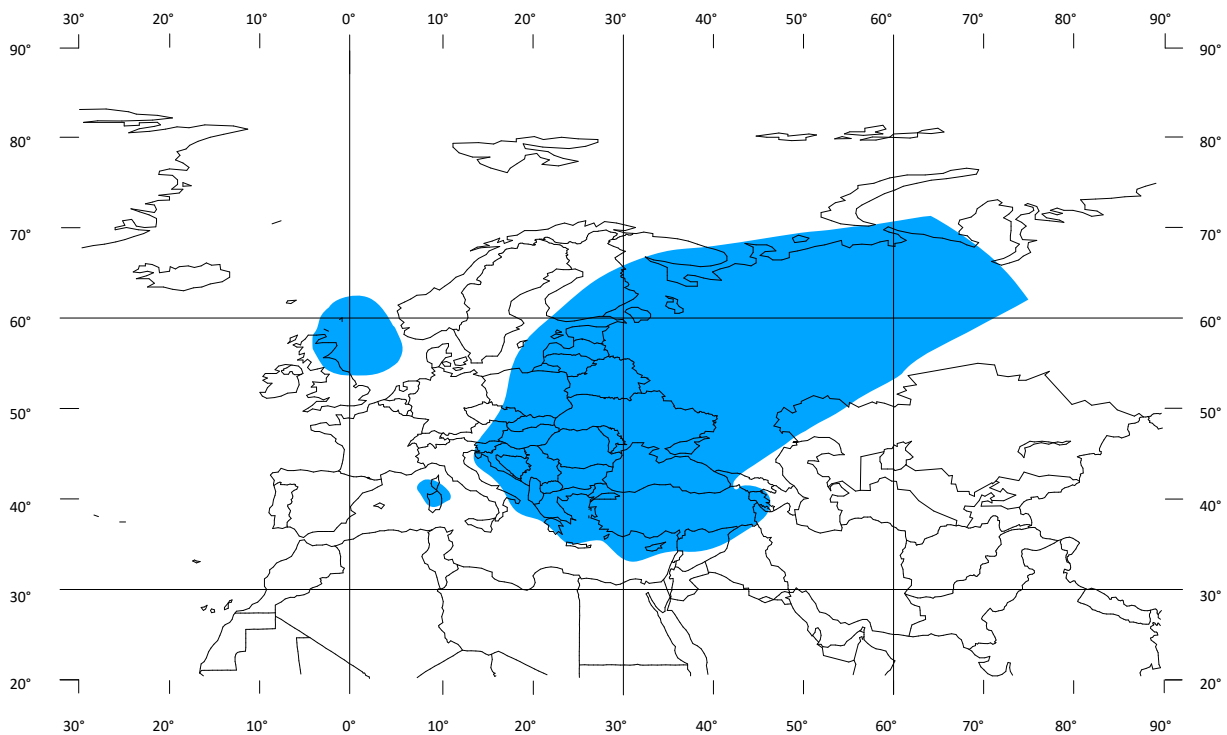


ASTRA 4A

TV Program – DW English HD

Direct-to-Home

Position	4.8° East
Transponder	4.202
Frequency	11747 MHz
Polarization	vertical
FEC	3/4
Symbolrate	30000 KSymbols/s
Modulation	8PSK /DVB-S2
Video Standard	PAL
Video Compression	HD MPEG-4
Audio Compression	MPEG-1/Layer 2
Encryption	-
Additional Data Services	EIT / EPG
TV Channel	DW English HD
Radio Channel	-



Reception may be possible even beyond these contours

0,8 m

Diameter of satellite receiving antenna in meter (approximate values) for Direct-to-Home

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.
 All information may be subject to change. | As of January 2023 | dw.com/programguide