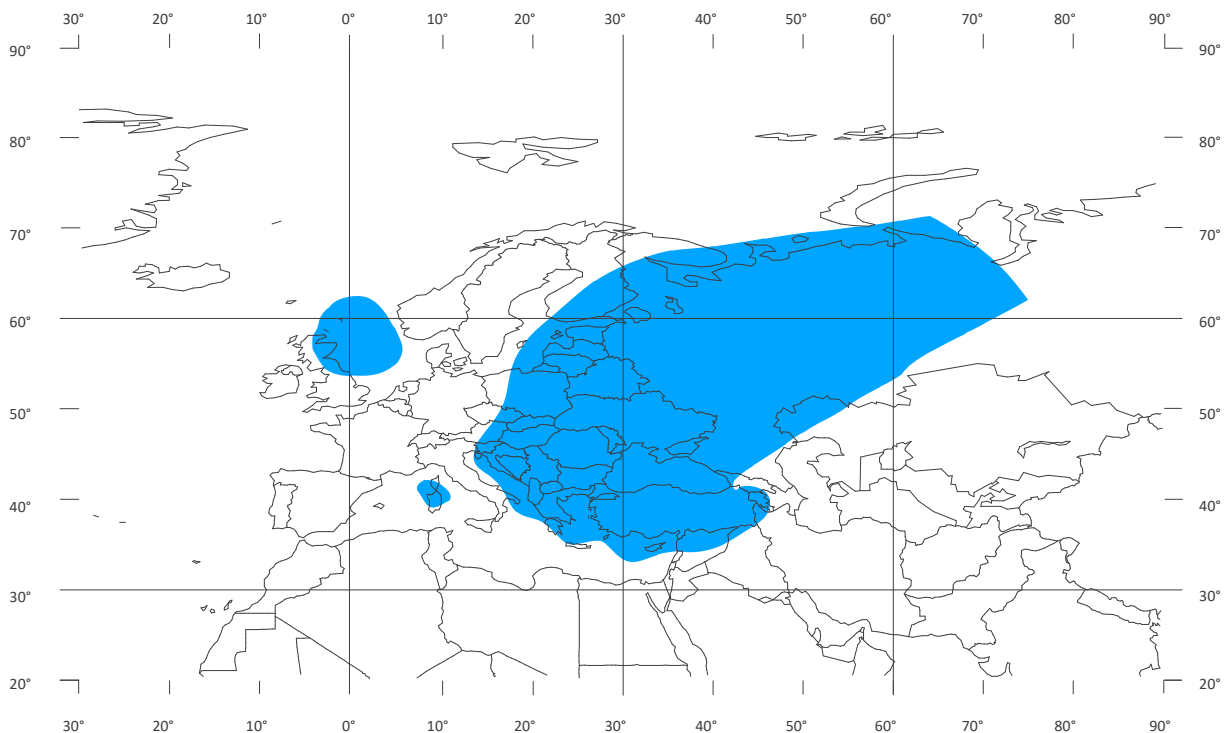


ASTRA 4A

TV Program – DW Deutsch

Direct-to-Home

Position	4,8° East
Transponder	4.235
Frequency	12,380 GHz
Polarization	horizontal
FEC	3/4
Symbolrate	27,500 Msymbols/s
Modulation	QPSK /DVB-S
Video Standard	PAL
Video Compression	MPEG-2
Audio Compression	MPEG-1/Layer 2
Encryption	-
Additional Data Services	EIT / EPG
TV Channel	DW Deutsch
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