

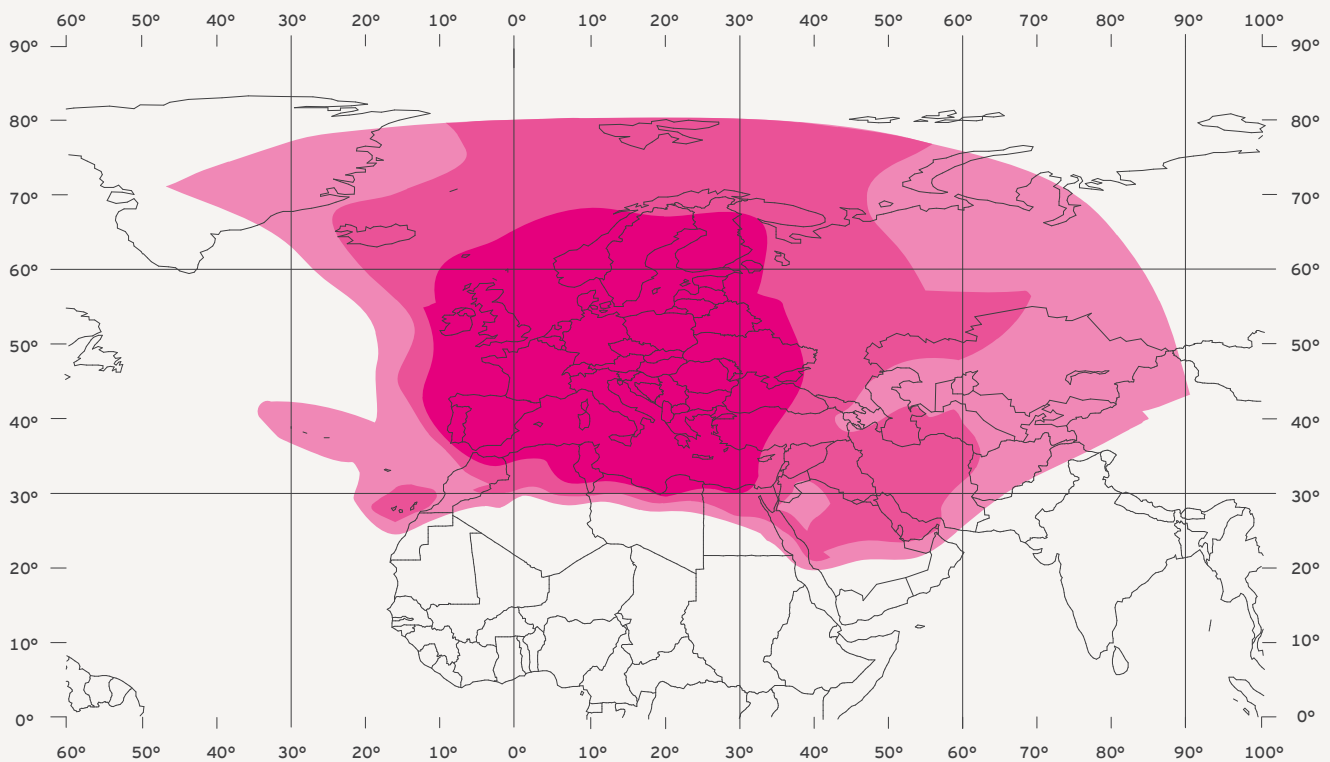
EUTELSAT HOT BIRD 13B

TV Program – DW | Radio Program

Rebroadcasting and Direct-to-Home

Launch date
June 22, 2015

Position	13° East
Transponder	155
Frequency	11,604 GHz
Polarization	horizontal
FEC	5/6
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
Radio Channel	DW05, DW08, DW09, DW-FM01, DW-FEED1



Reception may be possible even beyond these contours

1.2 m	1.8 m	2.4 m	Diameter of satellite receiving antenna in meter (approximate values) for Rebroadcasting
0.8 m	1.2 m	1.8 m	

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.