

# ASTRA 3A - 23.5° EAST



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## Capacity for Direct-to-Cable services

The ASTRA 3A satellite is located at 23.5° East. The main function of ASTRA 3A includes provision of capacity for Direct-to-Cable, enabling enhanced multimedia services in cable networks, for corporate networks and for occasional and other business services.

### SATELLITE INFORMATION

#### Satellite launch information

Launch date: 29.03.2002  
Launch vehicle: Ariane 44L  
Launch site: Kourou, French Guiana  
Launch mass: 1500 kg

#### Satellite orbital information

Satellite manufacturer: Boeing  
Satellite Systems  
Orbital location: 23.5° East  
Stabilization system: spin-stabilized  
Expected lifetime: 10 years  
Total power consumption: 1550 Watts

#### Satellite transponder information

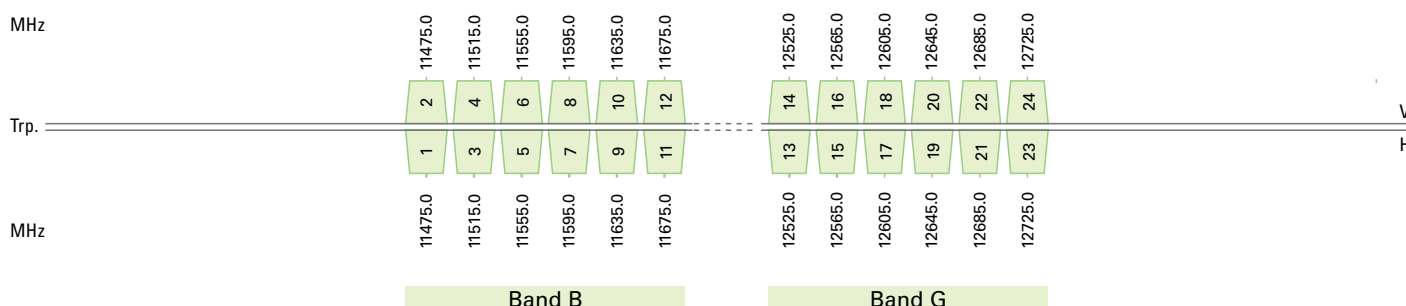
Transponder capacity: 20  
TWTA output power: 30 Watts  
EIRP: 52 dBW  
All transponders are eclipse protected  
Transponder bandwidth: 36 MHz

### CHANNEL CAPACITY

Total: 24 channels

11.45 - 11.70 GHz: 12 channels (Band B) • 12.50 - 12.75 GHz: 12 channels (Band G)

Channel Number Allocation and Downlink Centre Frequencies



# ASTRA 3A FOOTPRINT



EIRP (dBW):

52 dBW

51 dBW

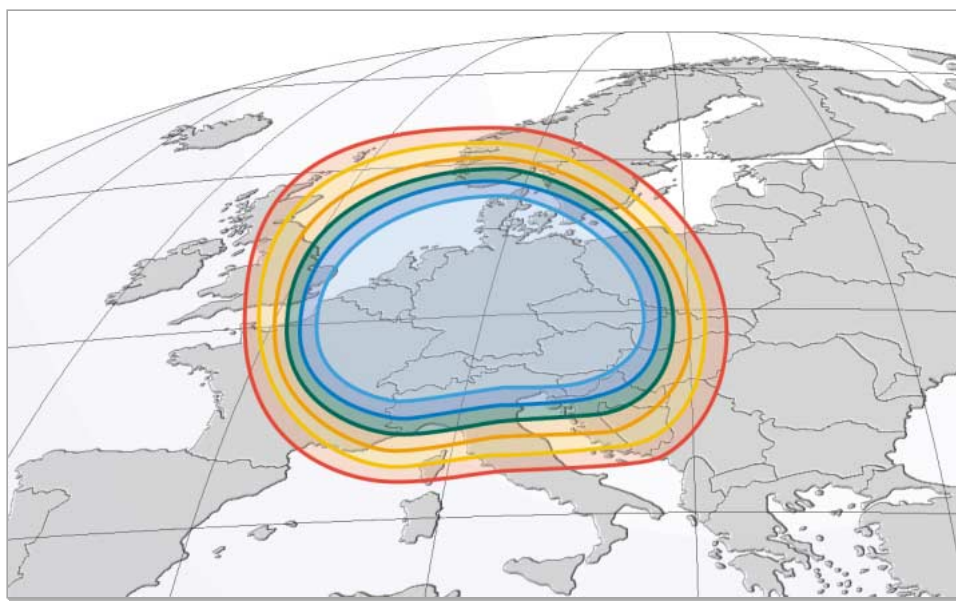
50 dBW

49 dBW

47 dBW

45 dBW

## ASTRA 3A



Updates of footprints, transponder lists and frequency plans, the complete ASTRA channel line-up and more information about SES ASTRA, the ASTRA Satellite System and ASTRA products and services can be found on [www.ses-astra.com](http://www.ses-astra.com) or contact us:

### SES ASTRA S.A.

L-6815 Château de Betzdorf, Luxembourg  
Tel. +352 710 725 650  
Fax +352 710 725 433  
[sales@ses-astra.com](mailto:sales@ses-astra.com)

### ASTRA Marketing GmbH

Mergenthalerallee 79-81  
D-65760 Eschborn, Germany  
Tel. + 49 6196 470 625  
Fax + 49 6196 470 629

### ASTRA Marketing Ltd.

Wellington House, 7th floor  
125 Strand, London WC2R 0AP, UK  
Tel. + 44 20 7420 3600  
Fax + 44 20 7836 9194

### ASTRA Marketing France

157, Avenue Charles de Gaulle  
F-92521 Neuilly sur Seine Cédex, France  
Tel. + 33 1 41 43 06 60  
Fax + 33 1 41 43 06 70

### ASTRA Marketing Iberica

Paseo de la Castellana 52, 7A  
E-28046 Madrid, Spain  
Tel. + 34 91 41 11 746  
Fax + 34 91 56 15 776

### ASTRA Marketing Polska

ul. Podchorazych 39  
00-722 Warszawa, Poland  
Tel. + 48 22 840 10 58  
Fax + 48 22 840 07 24