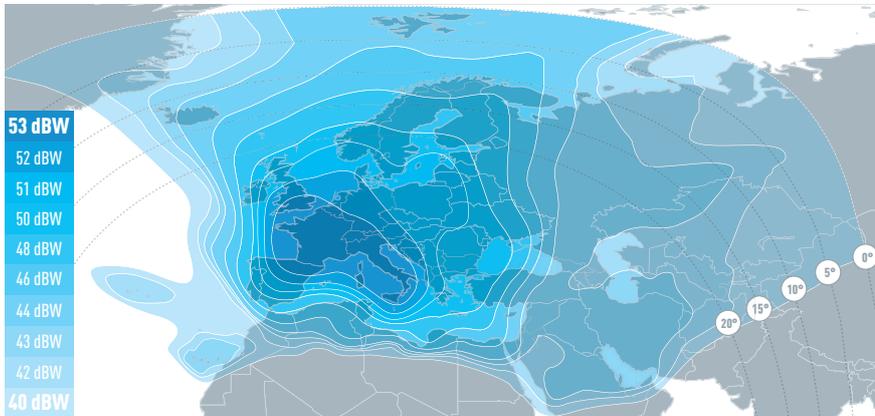
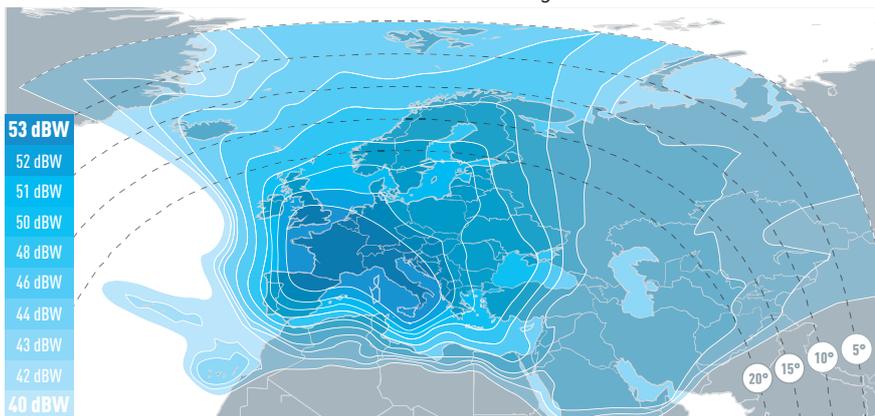


# 13° EAST: EMEA'S PRIME ORBITAL LOCATION FOR TV CHANNELS

**HOTBIRD 13B** : Ku-band Widebeam Downlink Coverage



**HOTBIRD 13C** : Ku-band Widebeam Downlink Coverage



## KEY MARKETS

- Europe
- Middle East
- North Africa

## KEY SERVICES

- DTH broadcasting
- Distribution to cable, IP and DTT networks
- Interactive/multimedia services

## SATELLITE

### Satellite Manufacturer:

EADS Astrium  
(HOTBIRD 13B and HOTBIRD 13C)  
Alcatel Space  
(HOTBIRD 13E)

### Launch Dates:

05/08/2006 (HOTBIRD 13B)  
20/12/2008 (HOTBIRD 13C)  
13/03/2006 (HOTBIRD 13E)

### Projected Lifetime:

> 15 years

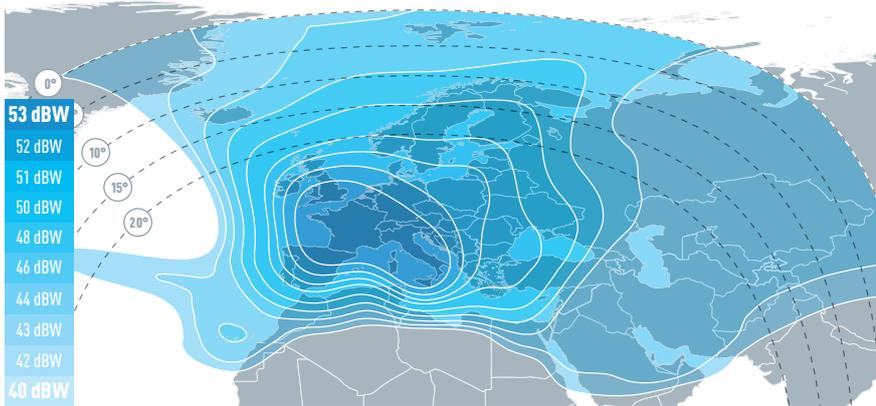
### Orbital Position:

13 degrees East

### Frequencies:

Ku-band

### HOTBIRD 13E : Ku-band Widebeam Downlink Coverage



### Industry-leading coverage

Over more than three decades, the HOTBIRD satellite neighbourhood at 13° East has radically re-shaped the audiovisual scene in Europe, the Middle East and North Africa. It has contributed significantly to creating a TV market where viewers can choose between hundreds of channels broadcast in dozens of languages.

Leading DTH, cable, IP and DTT delivery in EMEA, the three high-power HOTBIRD satellites deliver over 1000 television channels to more than 135 million TV homes in Europe, North Africa and the Middle East.

The HOTBIRD video neighbourhood hosts 10 premium platforms, over 600 pay-TV channels, almost 400 free-to-air channels, 290 HDTV channels and 5 Ultra HD channels. In addition to broadcasting television services, the system provides over 500 radio stations and multimedia services.

Direct-To-Home reception in beam centre is possible with antennas smaller than 50 cm, and with slightly larger antennas throughout Europe, North Africa and as far East as Moscow and Dubai.