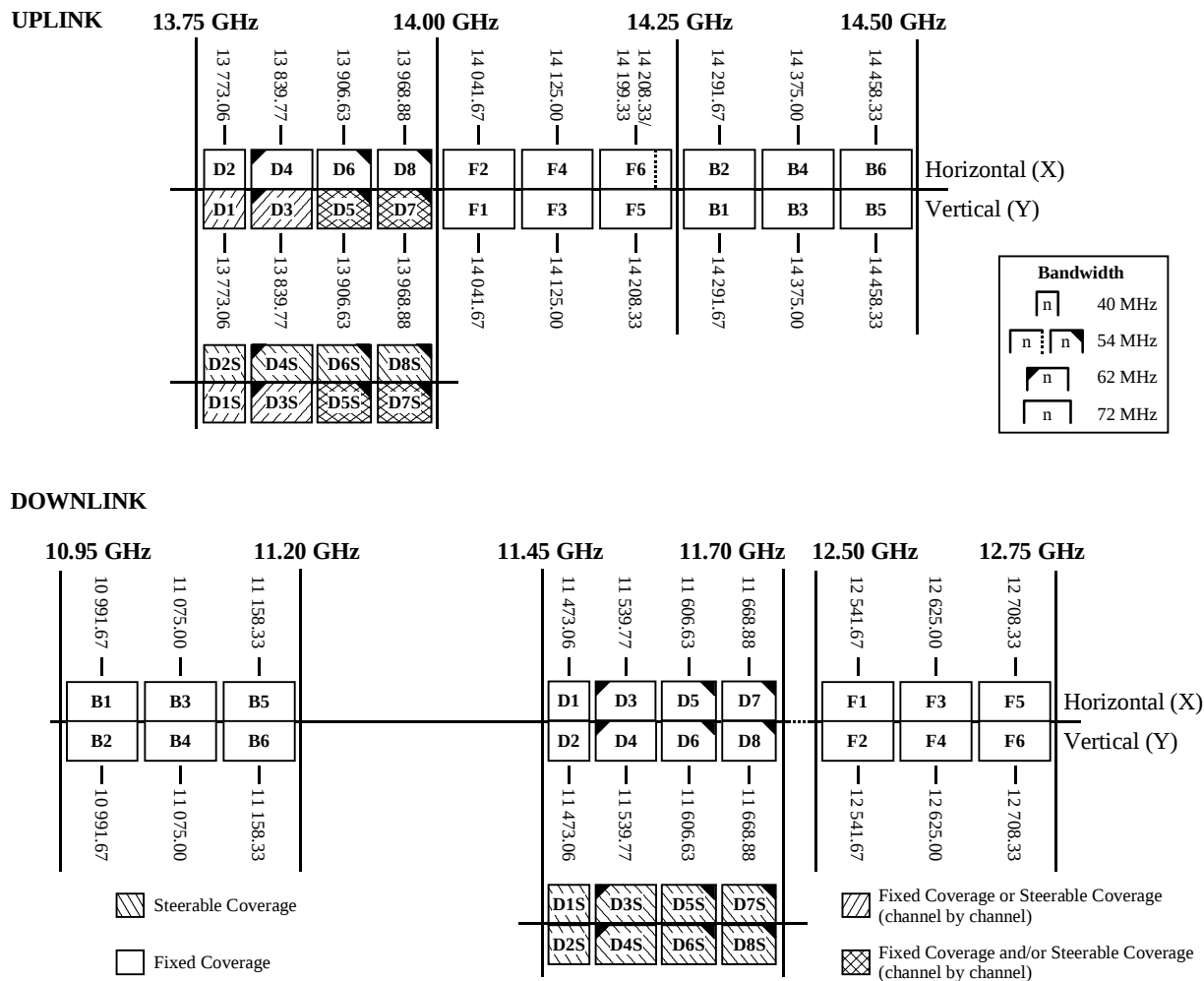




Frequency Plan (Centre Frequencies in MHz)

NOTES:

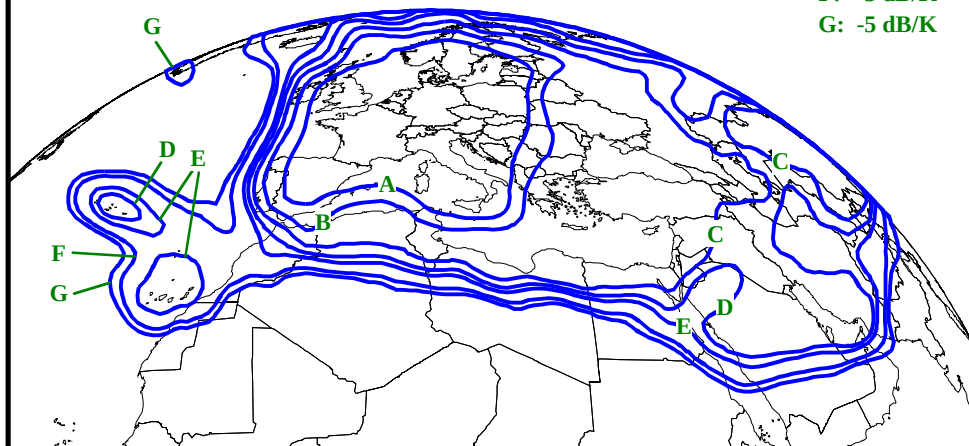
- Transponder bandwidth: 40, 54, 62 and 72 MHz.
- 28 operational transponders out of 28 frequency channels.

Satellite Characteristics

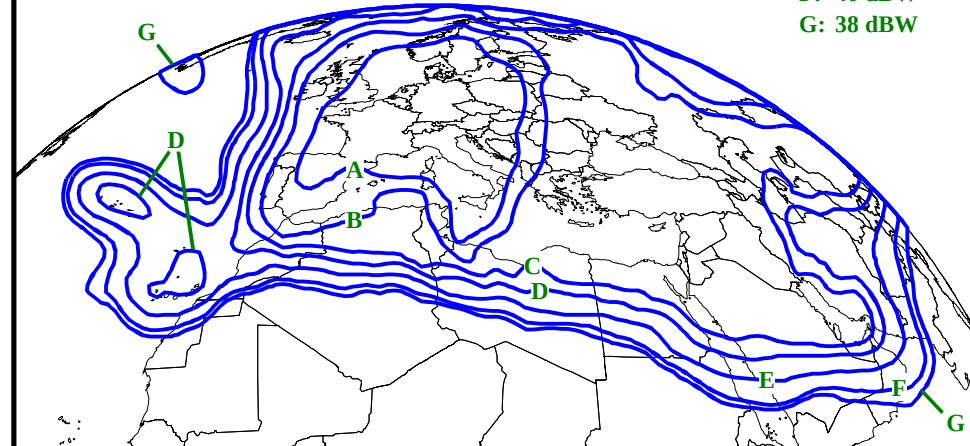
	Parameter	Value(s)
General	Satellite Manufacturer	Astrium
	Launch Date	06/09/2000
	Launch	Ariane 4 (V132)
	Projected Lifetime	> 12 years
Frequency Plan	Orbital Position	10° E
	Operational Transponders	(28 out of 28)
Coverages	Polarisation	dual linear Horizontal (X) and Vertical (Y)
	Polarisation Discrimination	28 to 33 dB
Transponder Gain	Typical Operational Saturating IPFD Range ^a	-(86 + X) to -(80 + X)
Beacons	Beacon 1 Frequencies	11 450.500 MHz 11 451.000 MHz
	Beacon 2 Frequencies	12 500.250 MHz 12 749.750 MHz
	Minimum EIRP	4 dBW (Beacon 1) 9 dBW (Beacon 2) Global coverage
	Polarisation	Horizontal (X)

a. In dBW/m². X is the G/T in dB/K in the direction of the location considered.

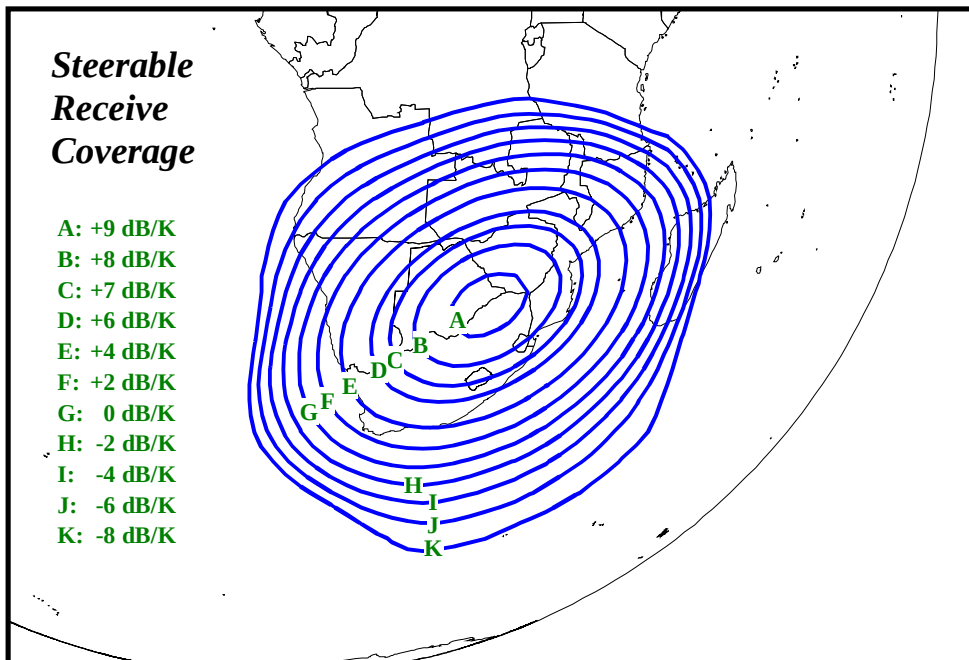
Receive Coverage



Transmit Coverage



Steerable Receive Coverage



Steerable Transmit Coverage

