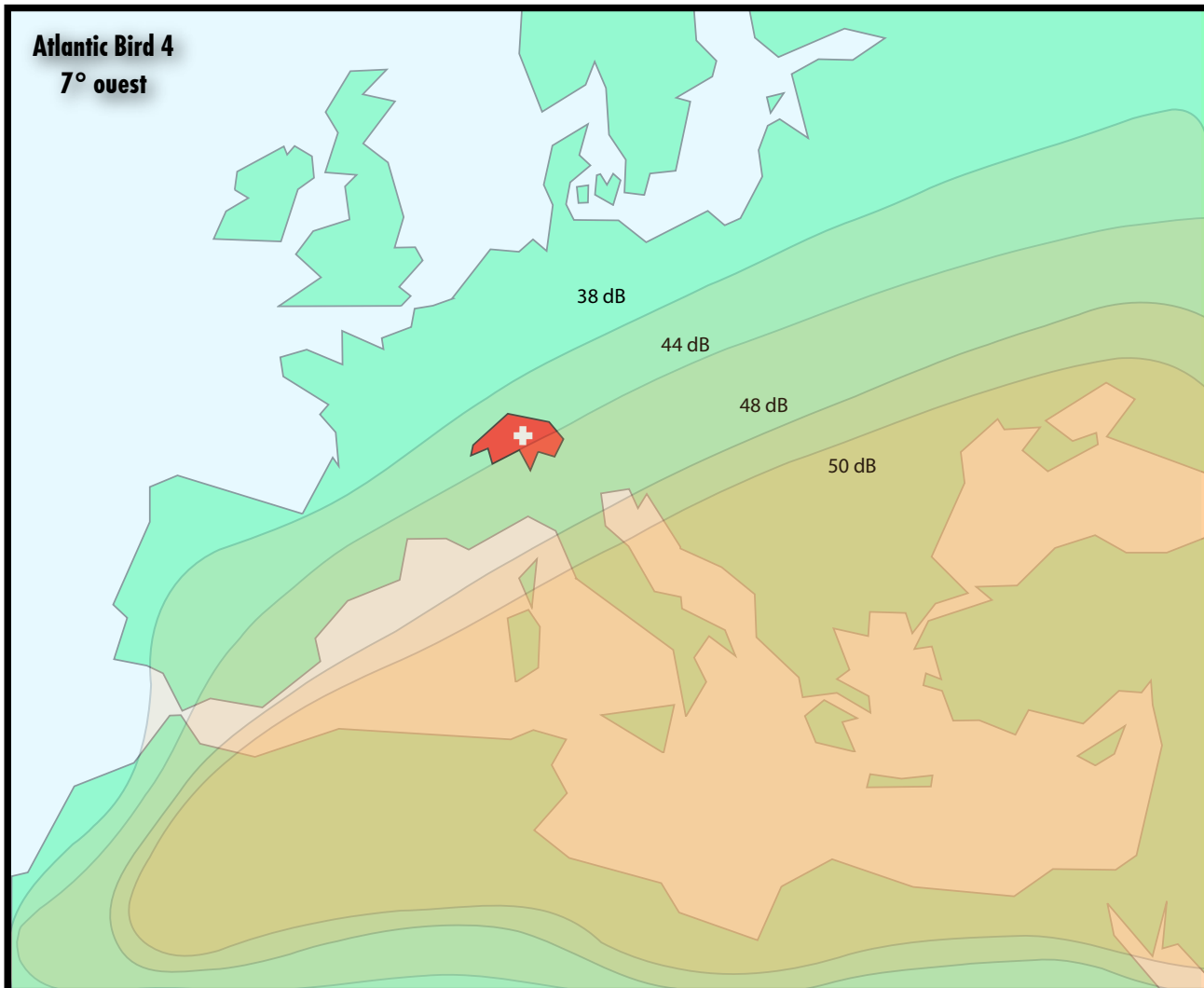


Atlantic Bird 4
7° ouest



PIRE	Température de bruit exprimée en dB		
	0.6 - 0.7	0.8 - 1.0	1.1 - 1.3
35 dBW	300 cm	360 cm	480 cm
36 dBW	240 cm	300 cm	360 cm
37 dBW	180 cm	240 cm	300 cm
38 dBW	150 cm	180 cm	240 cm
39 dBW	135 cm	150 cm	180 cm
40 dBW	120 cm	135 cm	150 cm
41 dBW	120 cm	120 cm	150 cm
42 dBW	110 cm	120 cm	135 cm
43 dBW	99 cm	110 cm	120 cm
44 dBW	90 cm	99 cm	120 cm
45 dBW	90 cm	99 cm	99 cm
46 dBW	80 cm	90 cm	99 cm
47 dBW	75 cm	90 cm	90 cm
48 dBW	60 cm	75 cm	75 cm
49 dBW	60 cm	60 cm	65 cm
50 dBW	60 cm	60 cm	65 cm
51 dBW	55 cm	60 cm	60 cm
52 dBW	50 cm	55 cm	55 cm
53 dBW	50 cm	50 cm	55 cm
54 dBW	45 cm	50 cm	55 cm
55 dBW	40 cm	45 cm	50 cm
56 dBW	38 cm	40 cm	44 cm
57 dBW	36 cm	38 cm	41 cm
58 dBW	34 cm	36 cm	38 cm
59 dBW	32 cm	34 cm	36 cm
60 dBW	30 cm	32 cm	34 cm
61 dBW	28 cm	30 cm	32 cm
62 dBW	26 cm	28 cm	30 cm
63 dBW	24 cm	26 cm	28 cm
64 dBW	22 cm	23 cm	25 cm



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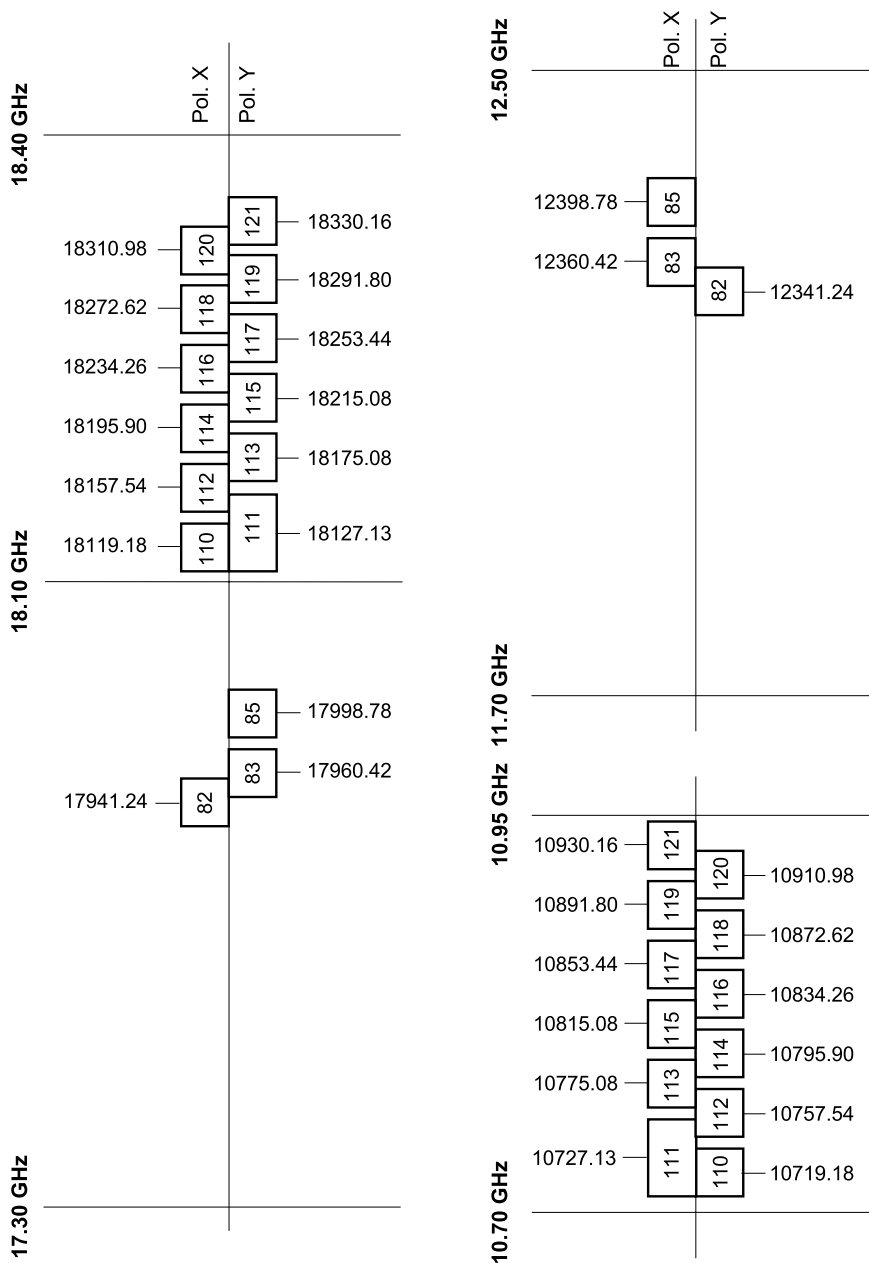
Satellite Characteristics

Parameter	Values
Satellite Manufacturer	Astrium
Launch Date	27/02/98
Launch	Ariane IV (V106)
Projected Lifetime	>12 years
Orbital Position	7°W
Operational Transponders	15
Polarization	dual linear Horizontal (X) and Vertical (Y)
Polarization Discrimination	30 to 33 dB
Typical Operational Saturation IPFD Range ^a	$-(86 + X)$ to $-(77 + X)$ ^b $-(100 + X)$ to $-(80 + X)$ ^c
Beacon 1 Frequencies	11 704.600 MHz 11 705.800 MHz
Minimum EIRP	8 dBW Widebeam coverage
Polarization	Horizontal (X)

- (a) In dBW/m². X is the G/T in dB/K in the direction of the location considered
- (b) In Fixed Gain Mode (FMG)
- (c) With Automatic Level Control (ALC)

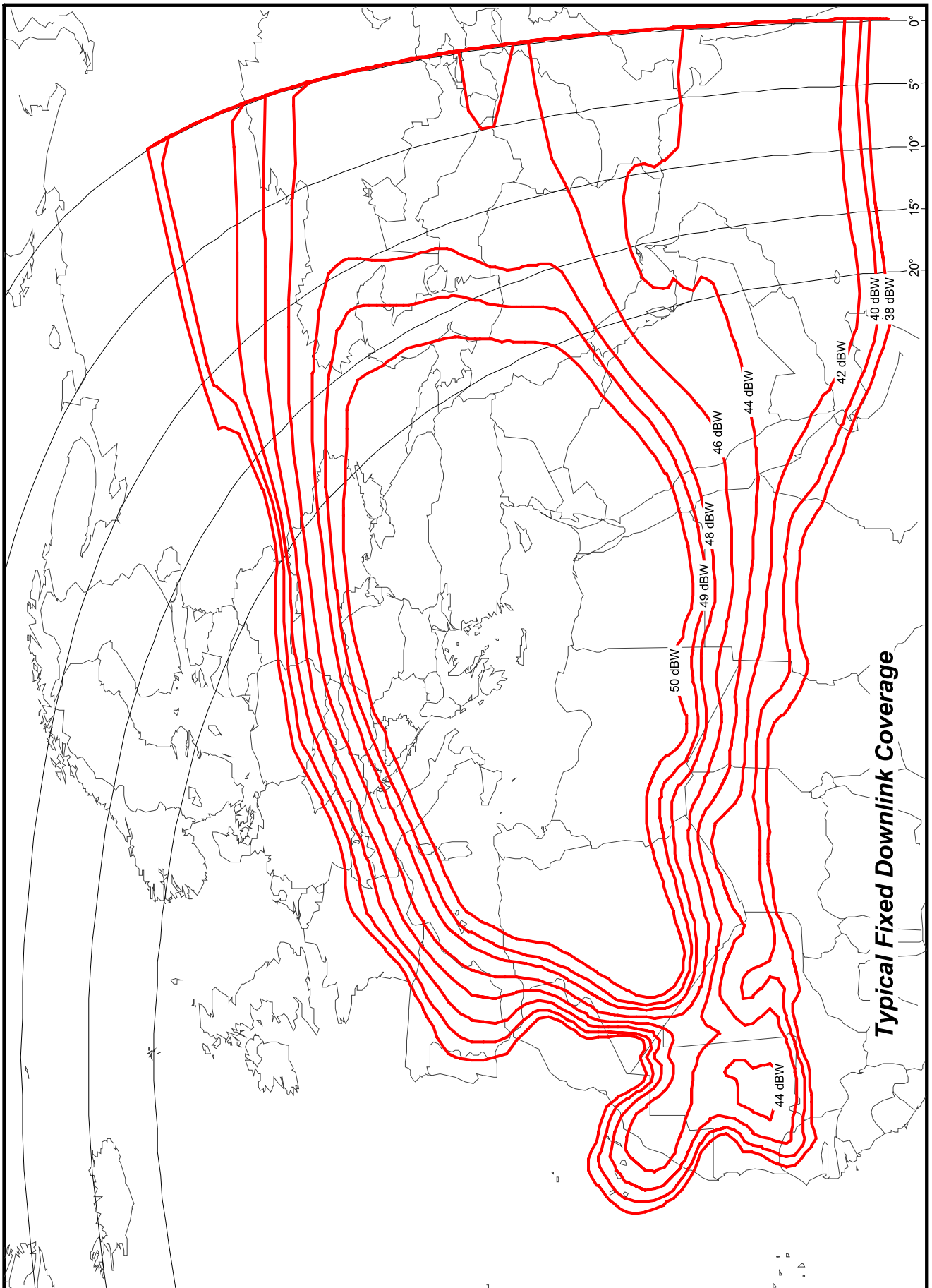



ATLANTIC BIRD™ 4



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