

TECHNICAL RECOMMENDATIONS

Polarisation Planes and Frequency Allocations



VERSION 1.0

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ASTRA 1 Satellites (19.2° East)

In the frequency ranges 10.70 to 11.70 GHz and 12.50 to 12.75 GHz the channel spacing is 29.5 MHz between co-polarised channels (14.75 MHz between cross-polarised channels). The nominal -1 dB bandwidth of each channel is 26 MHz.

In the frequency range 11.70 to 12.50 GHz the channel spacing is 39.0 MHz between co-polarised channels (19.50 MHz between cross-polarised channels). The nominal -1 dB bandwidth of each channel is 33 MHz.

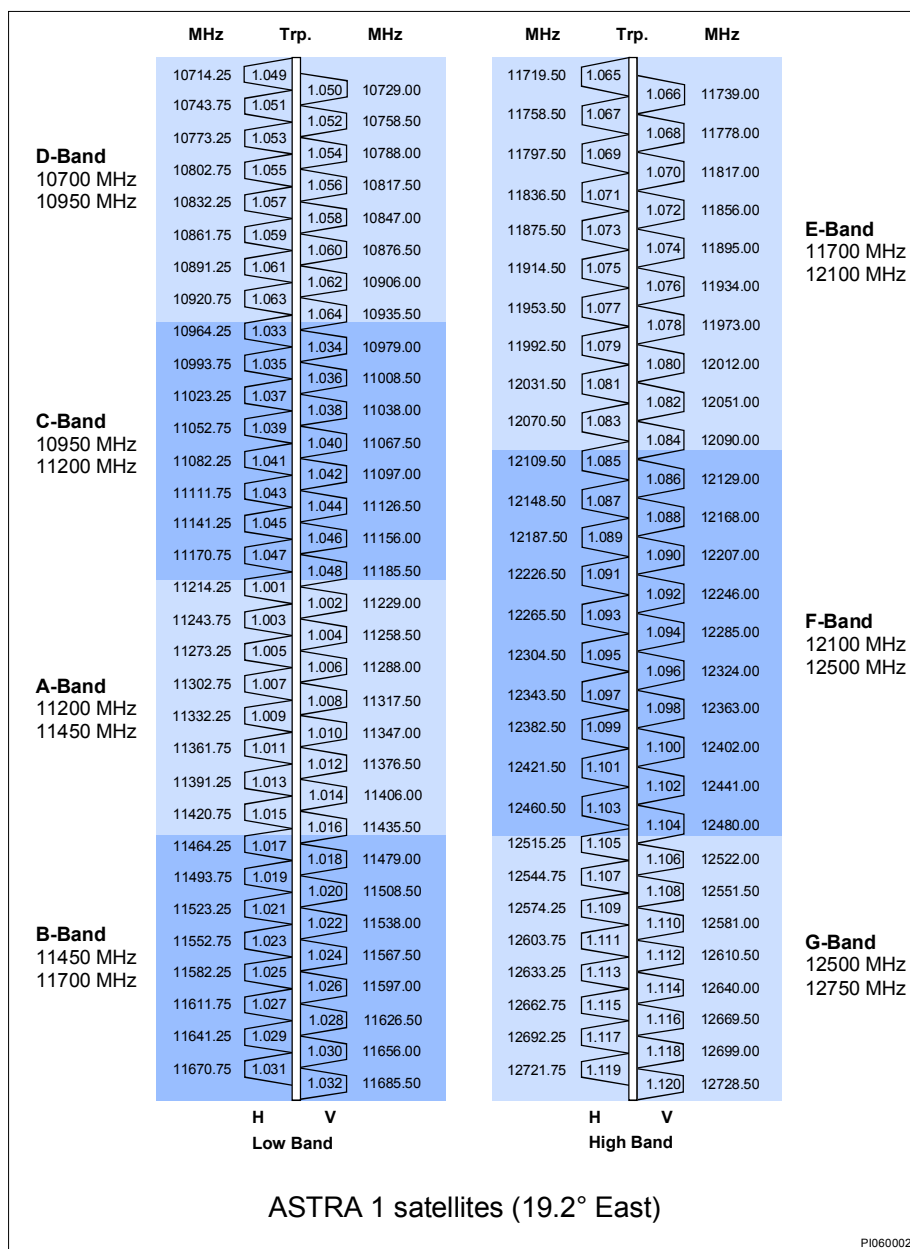


Figure 2: Channel Number Allocation and Downlink Centre Frequencies