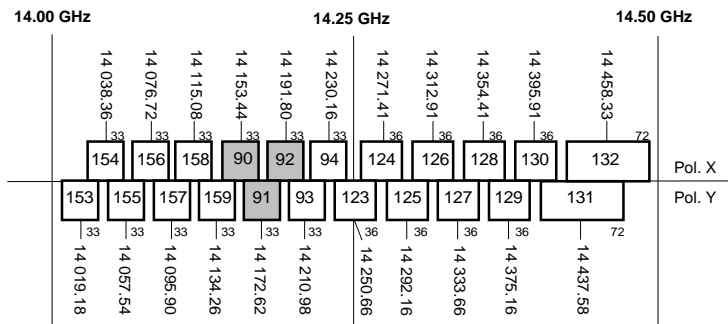
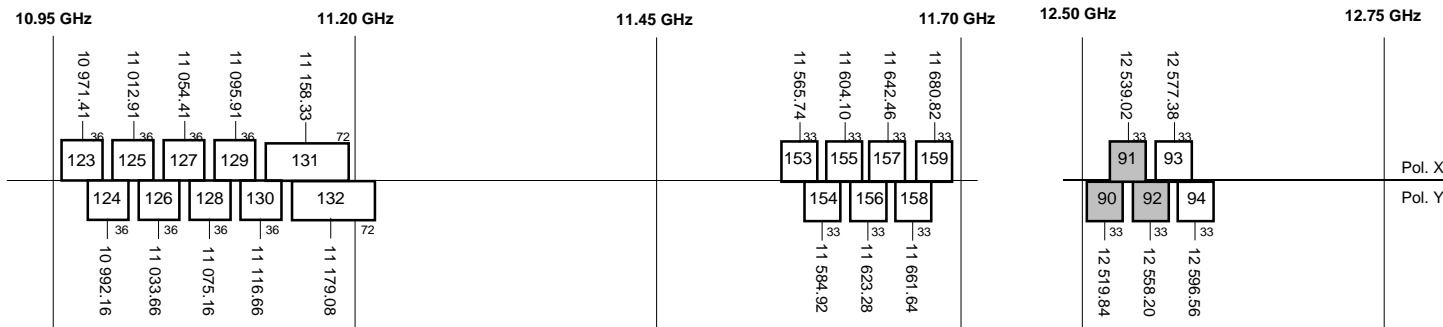


UPLINK



DOWNLINK



Skyplex or transparent operation

Satellite Characteristics

		Parameter	Values
General		Satellite Manufacturer	Astrium
		Launch Date	09/10/98
		Launch	-Atlas IIA(AC-134)
		Projected Lifetime	>12 years
		Orbital Position	25.5°E
Frequency Plan		Operational Transponders	Minimum 16
Coverages		Polarization	dual linear Horizontal (X) and Vertical (Y)
		Polarization Discrimination	30 to 33 dB
Transponder Gain		Typical Operational Saturation IPFD Range ^a	$-(86 + X)$ to $-(77 + X)$ ^b $-(100 + X)$ to $-(80 + X)$ ^c
Beacon		Frequencies	11 699.800 MHz 11 701.000 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. Other values of IPFD can be selected depending on service applications and operational environment.
- b. In Fixed Gain Mode (FGM)
- c. With Automatic Level Control (ALC)

