



Our Satellite

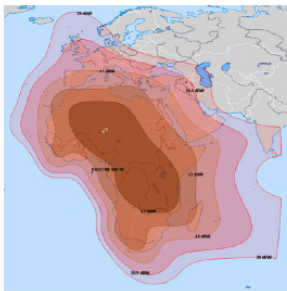
RQIR SATELLITE *A geostationary satellite launched in August 2010, positioned at 2.9°East.*

ORBIT LOCATION	2.9 ° EAST
LAUNCH DATE	AUGUST 2010 BY ARIANE 5
SPACECRAFT	TAS SPACEBUS 4000B3
BANDS	C-BAND STANDARD & PLANNED KU-BAND PLANNED

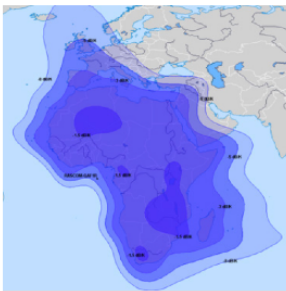
FREQUENCY TABLE

			UPLINK				
			STANDARD C-band	PLANNED C-band	Ku-band NORTH	Ku-band SOUTH	
			FREQUENCY (MHz)	6190 - 6425 LHCP	6725 - 7025 RHCP	12905 - 13250 H	12905- 13250 V
DOWNLINK	STANDARD C-band	3925 - 4200 RHCP	68 MHz + 72 MHz				
	PLANNED C-band	4500 - 4800 LHCP					
	Ku-band NORTH	10700 - 11450 H		4 X 66 MHz 1 X 17 MHz	2 X 57 MHz		
	Ku-band NORTH	10700 - 11450 V		2 X 57 MHz	6 X 57 MHz + 4X 22 MHz		

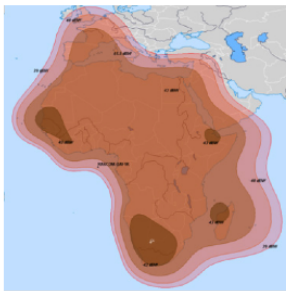
Satellite Footprints for C-band and Ku-band:



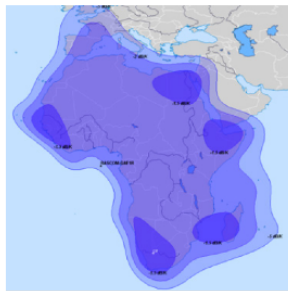
Standard C-band EIRP
C-band Beam Peak EIRP(dBW/K): 45
Uplink (Mhz): 6190 - 6425 Downlink (Mhz): 3965 - 4200



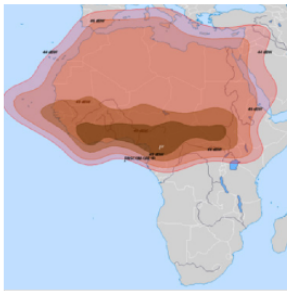
Standard C-band G/T
C-band Beam Peak G/T(dB / K): -1
Uplink (Mhz): 6190 - 6425 Downlink (Mhz): 3965 - 4200



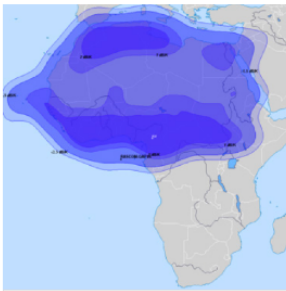
Planned C-band EIRP
C-band Beam Peak EIRP(dB/K): 44
Uplink (Mhz): 6725 - 7025 Downlink (Mhz): 4500 - 4800



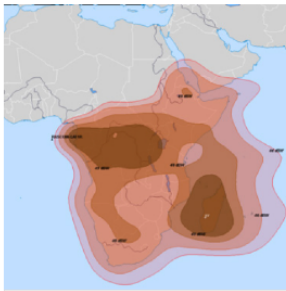
Planned C-band G/T
C-band Beam Peak G/T(dB / K): -0.5
Uplink (Mhz): 6725 - 7025 Downlink (Mhz): 4500 - 4800



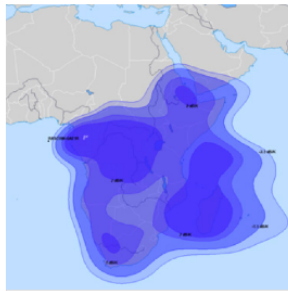
Ku North beam EIRP
Ku-band North Beam Peak EIRP(dB/K): 49.4
Uplink (Mhz): 12750 - 13250 Downlink (Mhz): 11700 - 11450
Polarization: Linear



Ku North beam G/T
Ku-band North Beam Peak G/T(dB/K): 4
Uplink (Mhz): 12750 - 13250 Downlink (Mhz): 11700 - 11450
Polarization: Linear



Ku South beam EIRP
Ku-band South Beam Peak EIRP(dB/K): 50
Uplink (Mhz): 12750 - 13250 Downlink (Mhz): 11700 - 11450
Polarization: Linear



Ku South beam G/T
Ku-band South Beam Peak G/T (dB/K): 4
Uplink (Mhz): 12750 - 13250 Downlink (Mhz): 11700 - 11450
Polarization: Linear