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[www.africangateways.com](http://www.africangateways.com)

## AFRICAN GATEWAYS – CONNECTING AFRICA

### TEST OUR SERVICES FOR FREE FOR 48 HOURS

We possess a wide understanding of IP Connectivity (VSAT, VOIP, internet/networks etc.), Satellite Connection, and Electronic Security.

African Gateways is the first African Teleport dedicated to the RASCOM-QAF1R satellite for VSAT services and satellite broadcast. Our Teleport is installed in Alicante (Spain), and it uses exclusively the RASCOM-QAF1R satellite in C and Ku band frequencies.

The Teleport creates a new force and provides growth for the African telecommunications offering an enhanced and fast range, responsive and flexible satellite solutions thanks to the RASCOM-QAF1R pan-African coverage, at the most competitive prices.

Our teleport, a communications complex, consists of multiple earth stations pointed to a variety of different satellites and providing interconnection to terrestrial fiber optic transmission systems in order to re-broadcast data and videos.

From the control room of our teleport, we are able to control and monitor the satellite, **IP and data traffic**, in order to provide to our customers **stable, efficient, reliable and consistent** satellite telecommunications to areas across different continents with main focus to Africa.

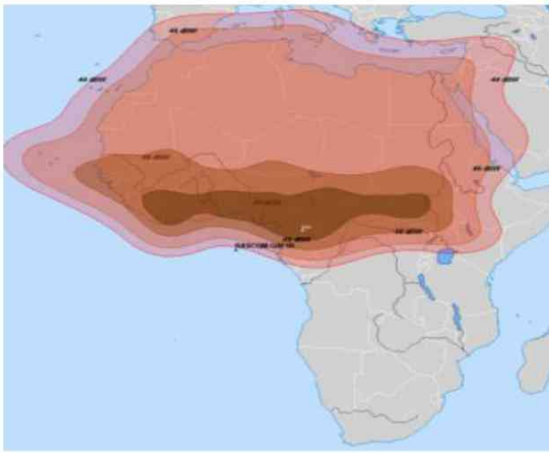
African Gateways providing everywhere in Africa affordable priced bandwidth with great flexibility as the result of the **capacity to change bandwidth or priority through network management**, as we are permitted to fully manage our part of the network and define customized Quality of Service.

African Gateways' robust network, with powerful bandwidth capacity that is expanding constantly, supports a wide range of solutions, including **private regional or global networks with their own SLAs**, and mixed-terrestrial / satellite IP connectivity tailored to suit each customer's individual needs.

### OUR FREQUENCIES

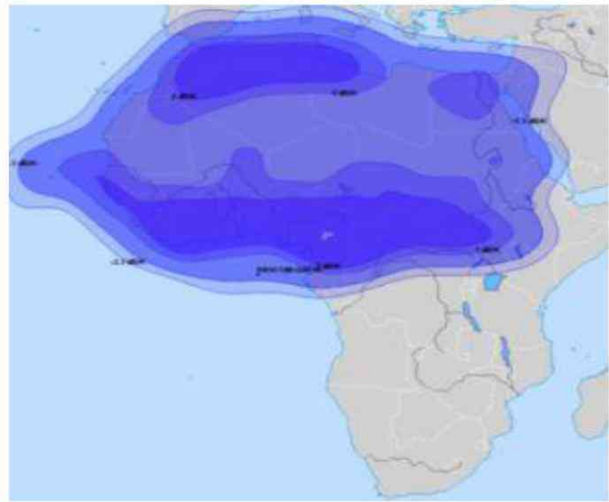
		UPLINK			
		C band standard	C band planned	Ku band North	Ku band South
FREQUENCY (MHz)		6190 - 6425 LHCP	6725 - 7025 RHCP	12905 - 13250 H	12905 - 13250 V
DOWNLINK	C band standard	3925 - 4200 RHCP	68 MHz + 72 MHz		
	C band planned	4500 - 4800 LHCP		4 X 66 MHz 1 X 17 MHz	2 X 57 MHz
	Ku band North	10700 - 11450 H		2 X 57 MHz	6 X 27 MHz + 4X 22 MHz
	Ku band South	10700 - 11450 V			

## OUR SATELLITE FOOT PRINTS FOR C AND Ku BAND

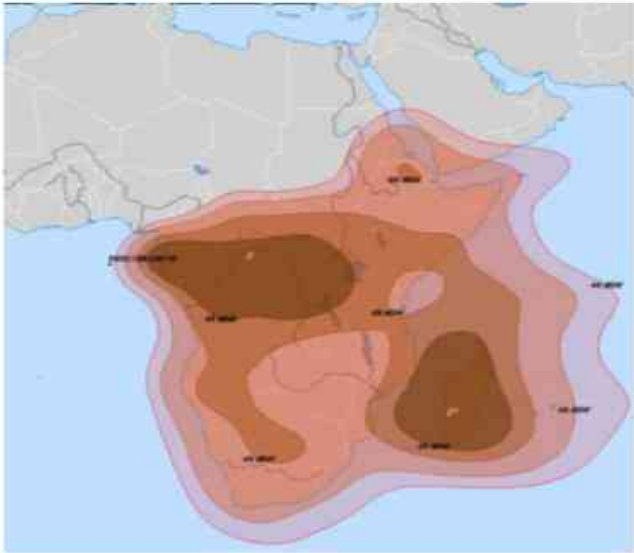


**KU North Beam EIRP**

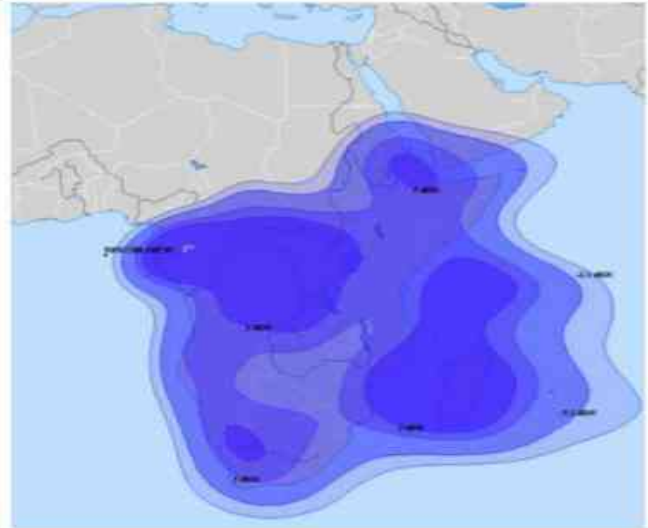
*Ku-band North Beam Peak EIRP(dBW): 49.4*  
*Uplink (MHz): 12750 - 13250*  
*Downlink (MHz): 10270 – 11450*  
*Polarization: Linear*



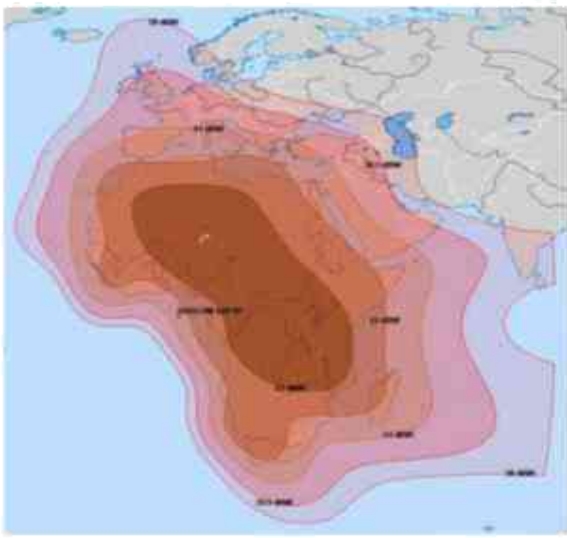
Ku-band North Beam Peak G/T(dB/K): 4  
Uplink (MHz): 12750 - 13250  
Downlink (MHz): 10270 – 11450  
Polarization: Linea



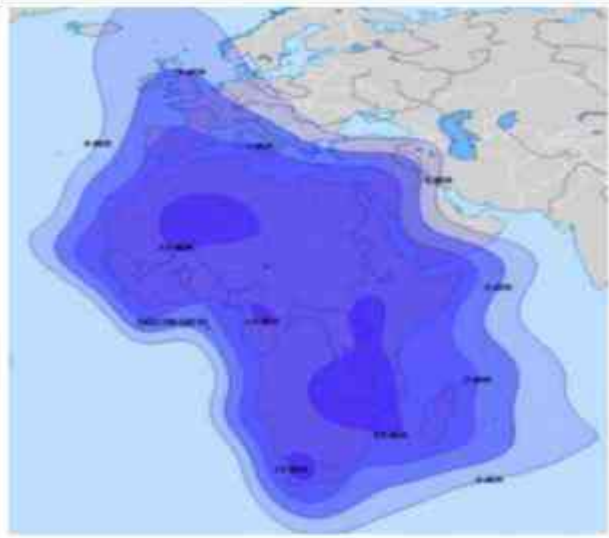
Ku-band South Beam Peak EIRP(dBW): 50  
Uplink (MHz): 12750 - 13250  
Downlink (MHz): 10270 – 11450  
Polarization: Linear



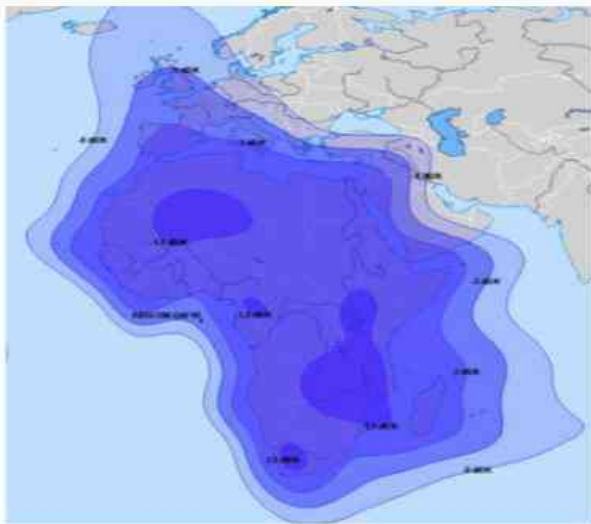
Ku-band South Beam Peak G/T (dB/K): 4  
Uplink (MHz): 12750 - 13250  
Downlink (MHz): 10270 – 11450  
Polarization: Linear



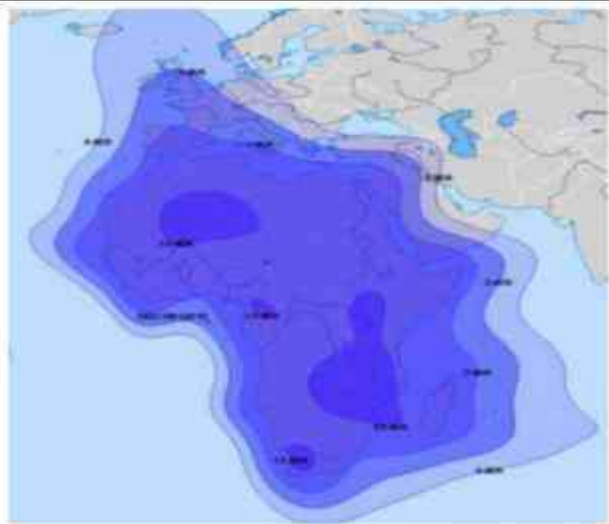
C-band Beam Peak EIRP(dBW): 45  
 Uplink (MHz): 6190 - 6425  
 Downlink (MHz): 3965 - 4200  
 Polarisation: Circular



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



C-band Beam Peak EIRP(dBW): 44  
 Uplink (MHz): 6725 - 7025  
 Downlink (MHz): 4500 - 4800  
 Polarisation: Circular



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

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