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**

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>UPLINK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C band standard</td>
</tr>
<tr>
<td>C band standard</td>
<td>3925 - 4200 RHCP</td>
</tr>
<tr>
<td></td>
<td>68 MHz + 72 MHz</td>
</tr>
<tr>
<td>C band planned</td>
<td>4500 - 4800 LHC</td>
</tr>
<tr>
<td>Ku band North</td>
<td>10700 - 11450 H</td>
</tr>
<tr>
<td>Ku band South</td>
<td>10700 - 11450 V</td>
</tr>
</tbody>
</table>
OUR SATELLITE FOOTPRINTS FOR C AND Ku BAND

Ku-band 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: Linear

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 EIRP(dBW): 44
Uplink (MHz): 6725 - 7025
Downlink (MHz): 4500 - 4800
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 G/T(dB/K): -0.5
Uplink (MHz): 6725 - 7025
Downlink (MHz): 4500 - 4800
Polarisation: Circular

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