

Satellite Telecommunication Services & Solutions



SPACE AGENCY OF
THE REPUBLIC OF AZERBAIJAN





Azercosmos Excellence

At Azercosmos, we are committed to delivering high-quality and secure satellite connectivity to partners around the world. Emphasizing our first-class technical standards, exceptional service and customer-oriented personalisation of the solutions offered, we aim to provide you with outstanding experience and strive to create a better connected and developed world for future generations.



Technical Quality

With our fleet of two telecommunication satellites and a reliable terrestrial network, we ensure flexible and secure connectivity for your business. By focusing on delivering information instantly, we help you to successfully manage your operations in any circumstances.



Customized Approach

To better address the goals and objectives of your business, we approach each case individually and tailor our solutions to cater to your business needs. We aim to provide you with the bespoke experience of our value-driven telecommunication services.



Customer-centricity

We have been championing our partners' success for more than a decade. Our customers are at the heart of what we do, and our team of highly-qualified and multilingual experts are ready to provide impeccable professional support to you 24/7/365.

Video

We have secured our position as a trusted partner serving as a gateway to prime satellite connectivity. Broadcasting more than 200 TV and radio channels to households in Africa, the Middle East, Europe, and Central Asia, we deliver content to a 1/3rd of the globe. Our wide range of advanced and efficient video services and solutions includes:

Turnaround Services

Utilize transmission between the Earth and satellites in space.

Video Contribution

Transport content to an uplink station or a broadcasting studio.

Video Distribution

Deliver high-quality content in multiple formats to various parts of the world.

Satellite Content Acquisition

Distribute the content regardless of the availability of terrestrial infrastructure.

Occasional Use

Access instant capacity lease solutions for events and newsgathering at short notice.

Video over IP

Transmit high-quality digital video content directly to end users.

Digital Terrestrial Television

Cost-effectively expand your network to ensure content delivery to even the most remote locations.

Teleport Services

Uplink your channels via our teleport services located in Africa, the Middle East, Europe and Central Asia.



Data

We believe that the role of reliable satellite data in the growth and development of a society is paramount, so we endeavour to deliver instant data and broadband satellite services and solutions, which include:

Broadband Services and Solutions

Accelerate socio-economic development in various communities globally.

VNO Services

Expand your business without the need for its own telecommunication infrastructure.

VSAT Services and Solutions

Enjoy fast and stable connectivity on multiple onshore and offshore sites.

Mobile Backhaul

Receive access to high-capacity mobile traffic.

Partner Teleport Services

Benefit from partner teleport services located in Africa, the Middle East, Europe, and Central Asia.

IP over Satellite

Apply secure, reliable broadband and Internet-related solutions for corporate and government customers.

IP Trunking

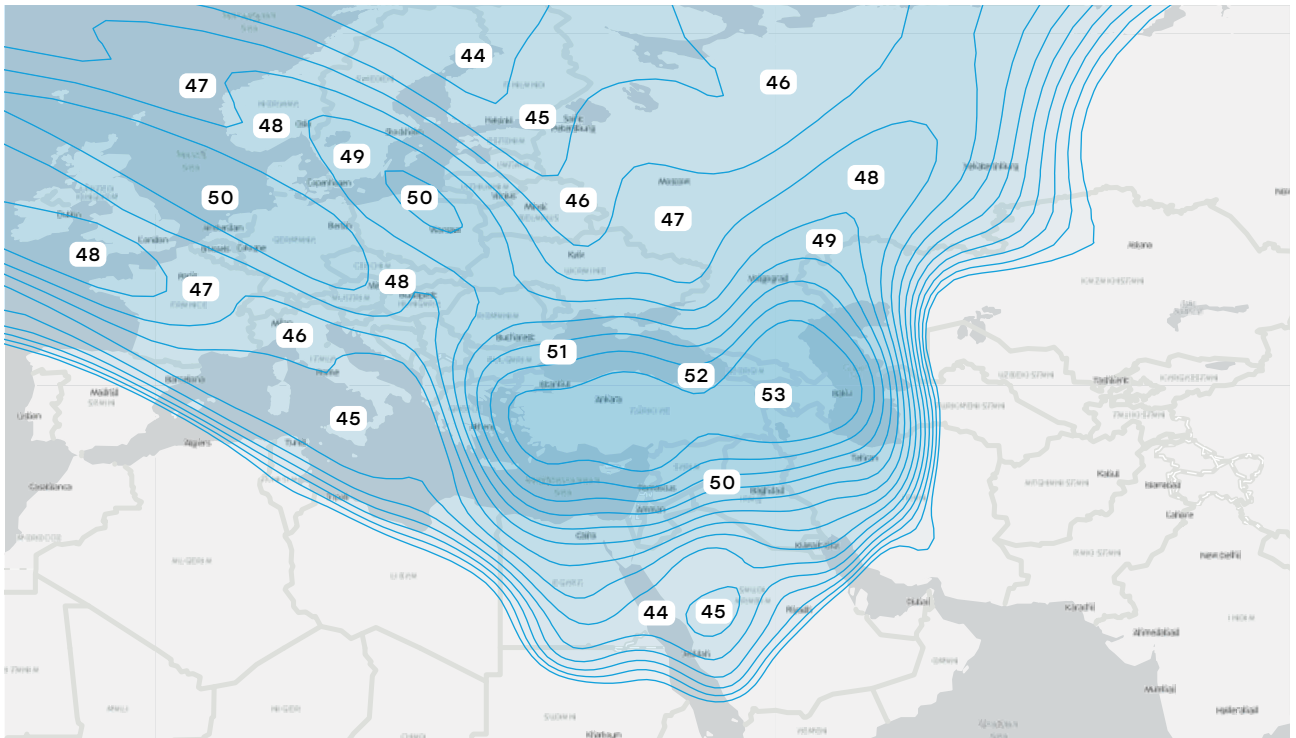
Provide VoIP access to local and mobile networks.

Teleport Services

Benefit from Azercosmos and partner teleport services located in Africa, the Middle East, Europe and Central Africa.

Azerspace-1, 46°E Ku-Band

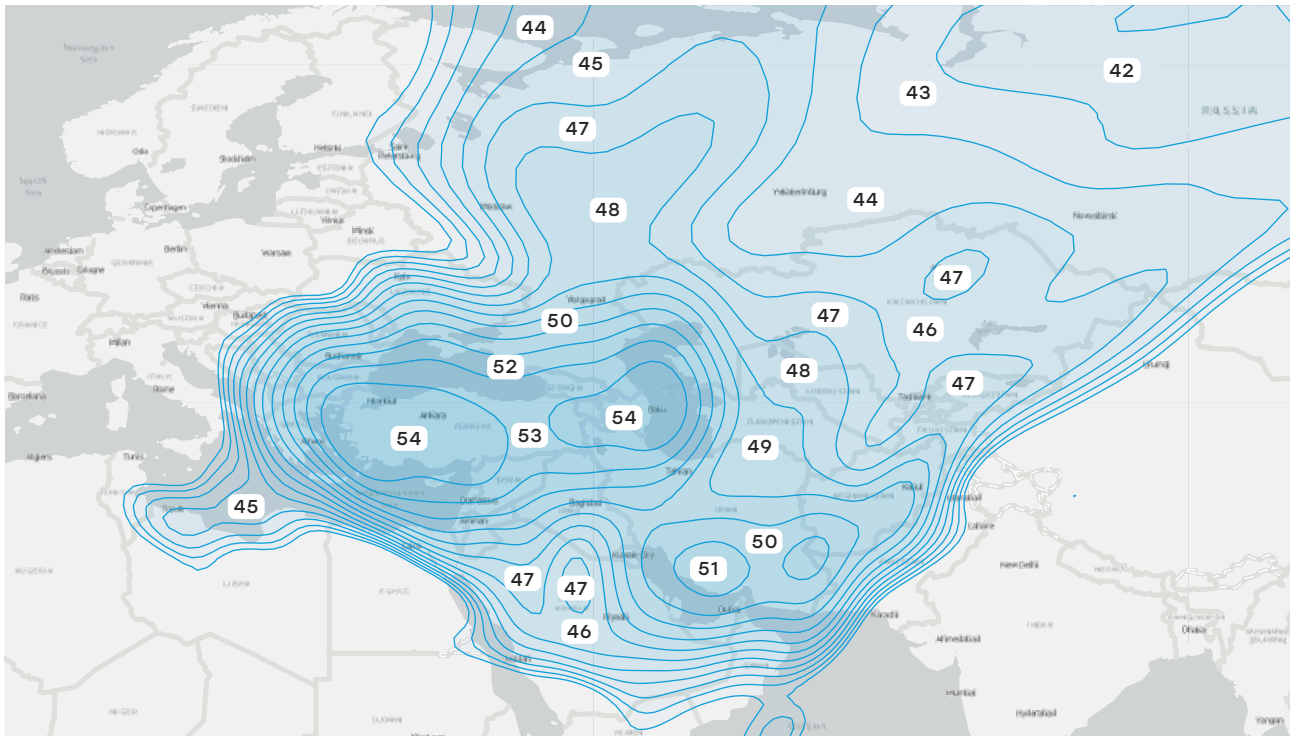
Positioned at the 46°E orbital location, Azerspace-1 satellite provides high power, fast and resilient C- and Ku-band connectivity to Central Asia, Europe, and Africa.



Europe Beam

One of the most powerful beams for Europe with 53dBW EIRP guaranteeing efficient bandwidth usage.

Beams: Europe, Central Asia
Polarization: Linear
TWTA Power: 120 Watt
Active Transponders: 12 (36 MHz equivalent)
Uplink: 13750-14000 MHz
Downlink: 10950-11200 MHz

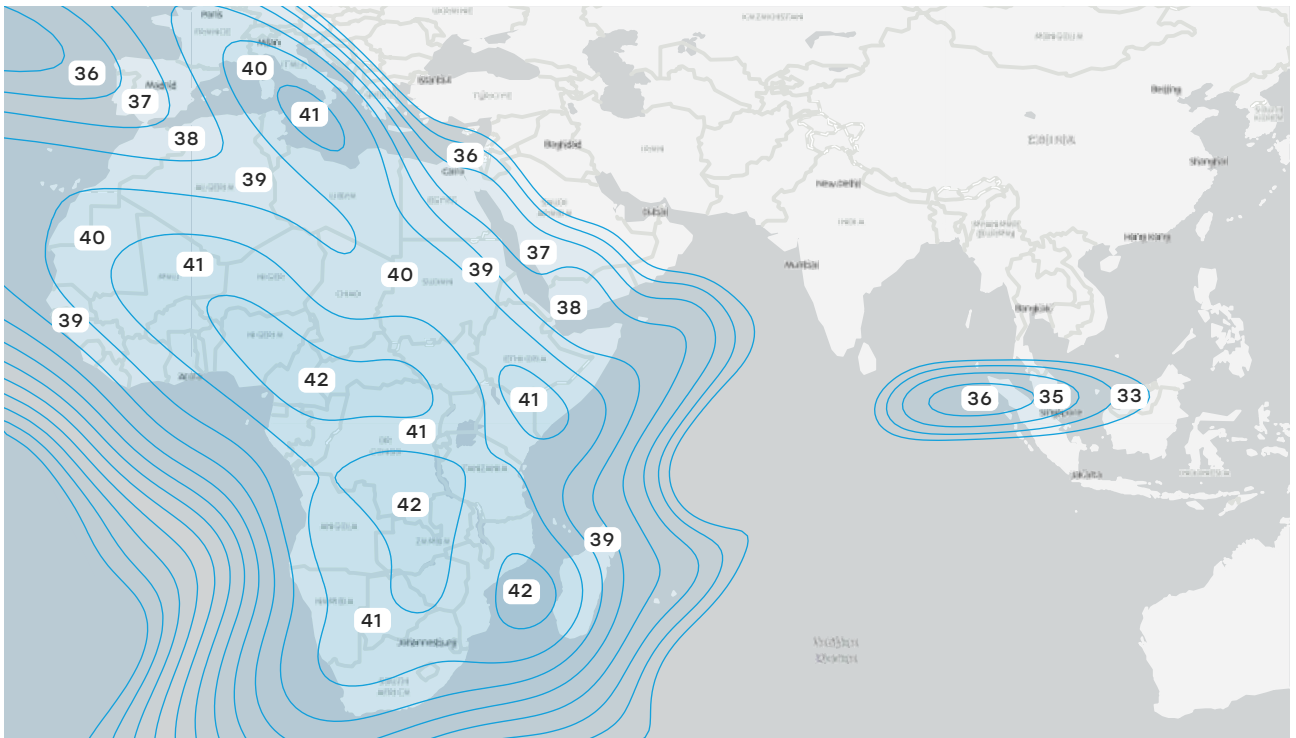


Central Asia Beam

With 53dBW EIRP, it is one of the strongest beams covering Central Asian countries.

Azerspace-1, 46°E C-Band

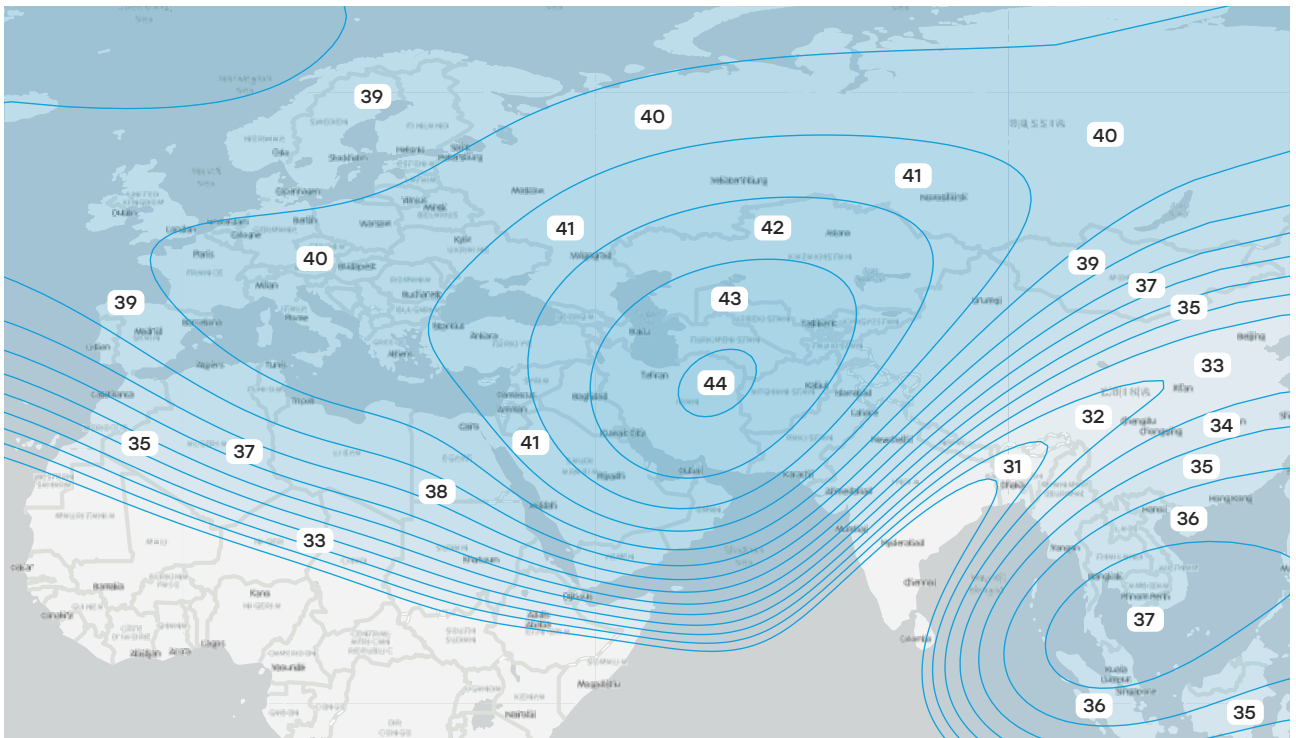
Positioned at the 46°E orbital location, Azerspace-1 satellite provides high power, fast and resilient C- and Ku-band connectivity to Central Asia, Europe, and Africa.



Africa and Europe Beam

A distinctive, high-power beam that equally covers both Africa and Europe, from the north of the United Kingdom to the south of the African continent.

Beams: Central Asia & Europe, Africa & Europe
Polarization: Circular and Linear accordingly
TWTA Power: 65 Watt
Active Transponders: 24 (36 MHz equivalent)
Uplink: 5925-6425 MHz
Downlink: 3700-4200 MHz

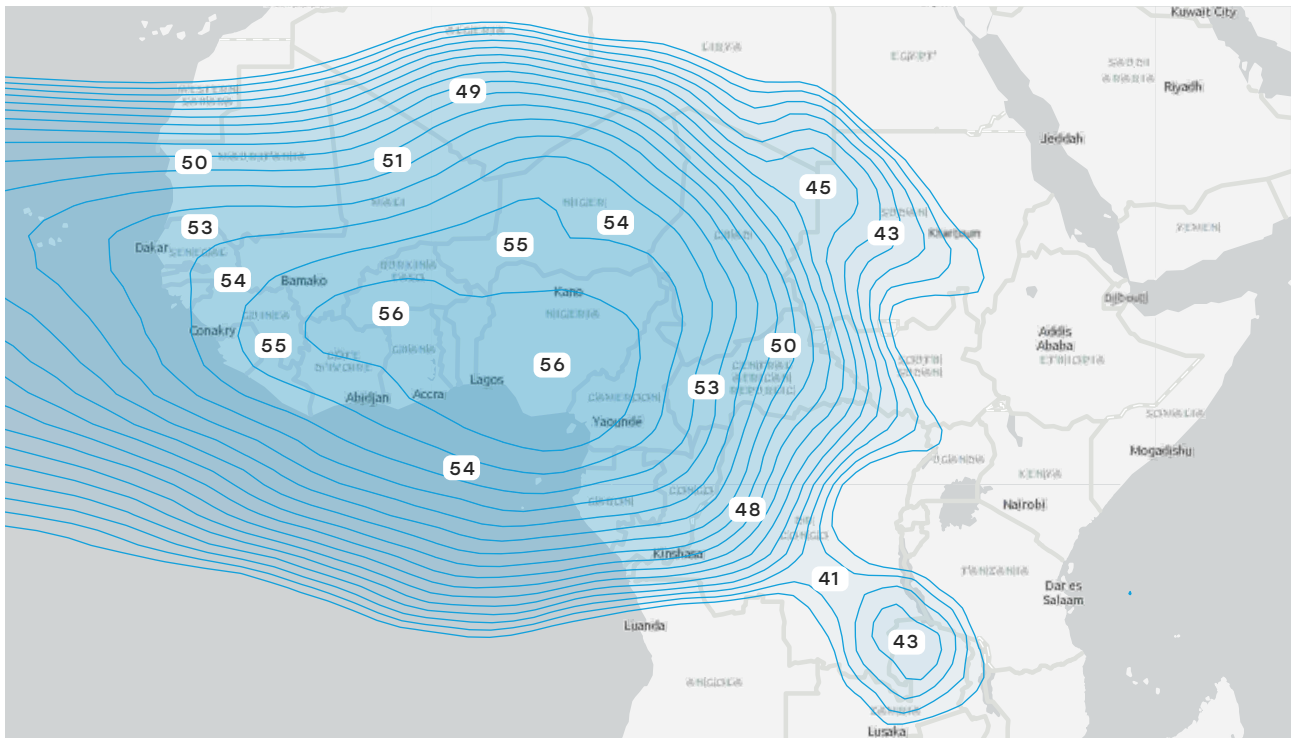


Central Asia and Europe Beam

An exceptional, powerful beam bridging Europe and Asia, ensuring seamless, reliable, and high-quality connectivity.

Azerspace-2, 45.1°E Ku-Band

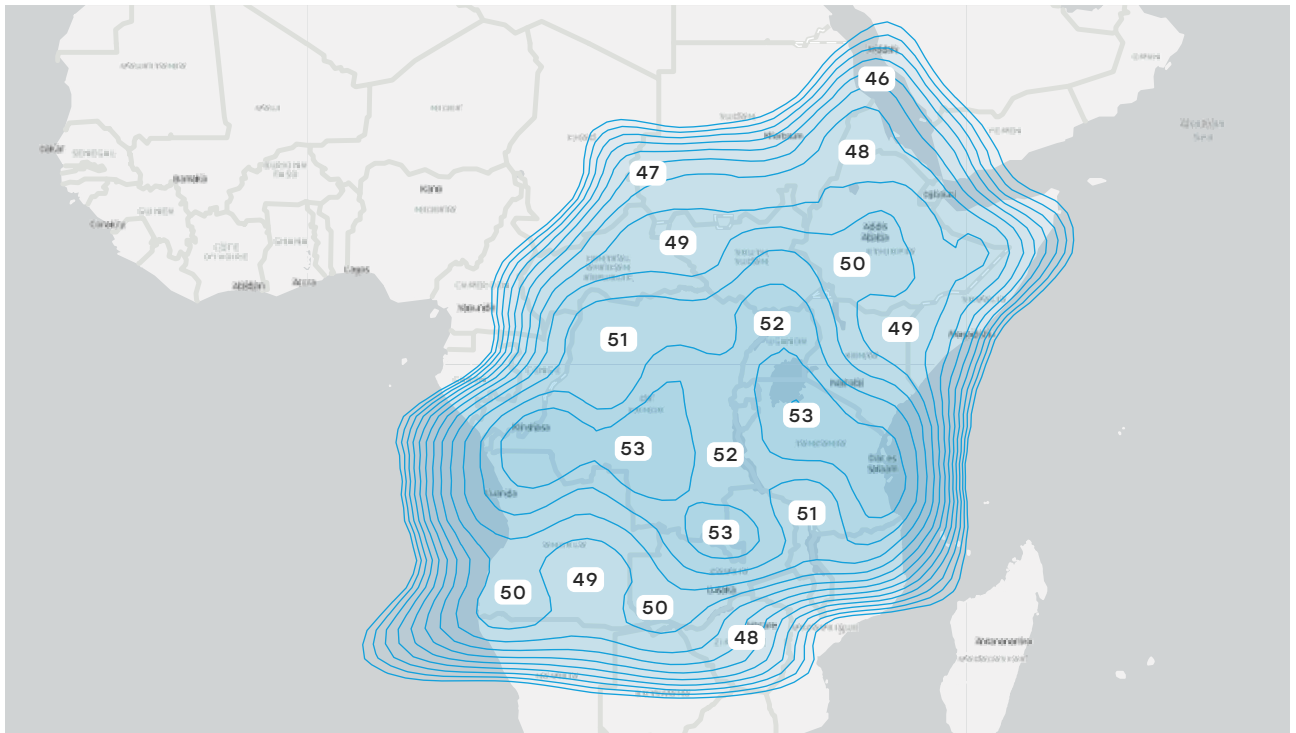
Positioned at the 45.1°E orbital location, Azerspace-2 satellite provides high power, fast and resilient Ku-band connectivity to West, Central and East Africa, Europe, Middle East, and Central Asia.



West Africa Beam

With 56dBW EIRP, it is considered to be one of the strongest beams that enables efficient data transmission.

Beams:	West, Central & East Africa, Eurasia, Pakistan & Afghanistan
Polarization:	Linear
TWTA Power:	150 Watt
Active Transponders:	35 (36, 54, 72, 76 MHz)
Uplink:	14000-14500 MHz
Downlink:	11450-12750 MHz

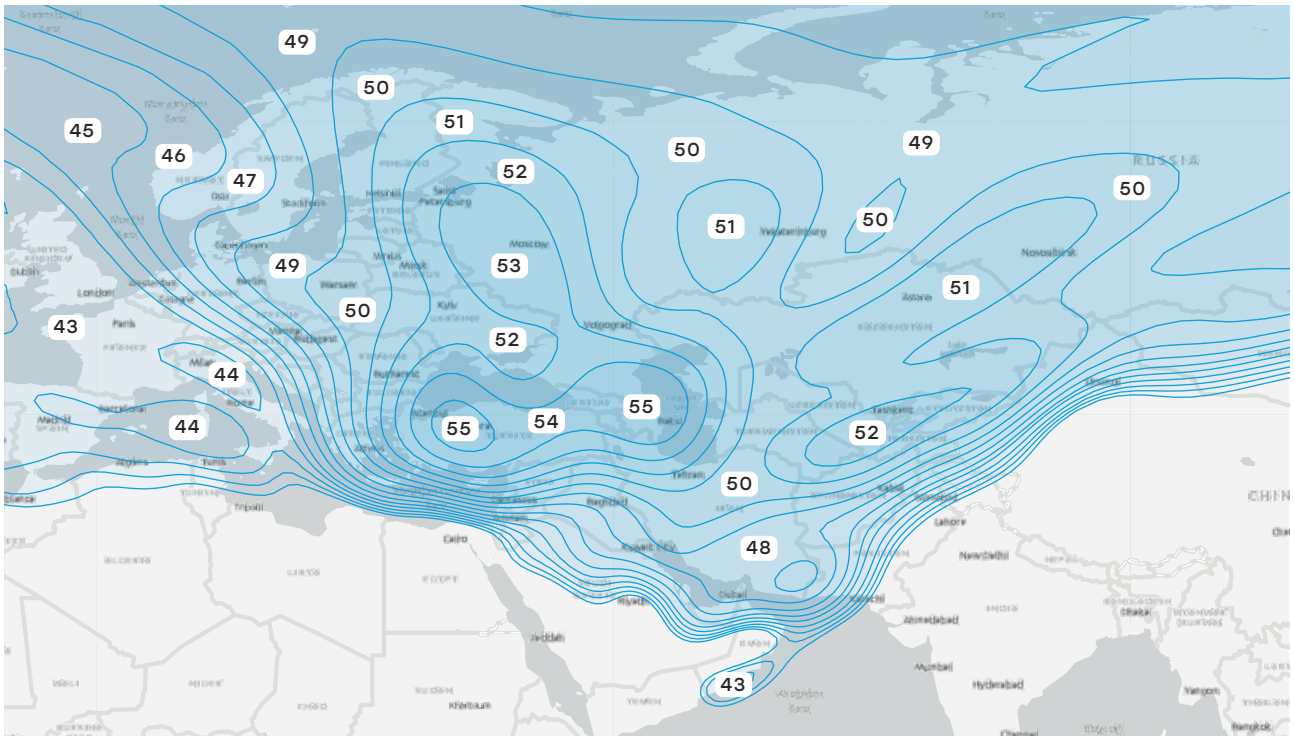


Central and East Africa Beam

One of the most powerful beams covering Eastern and Central Africa with 55 dBW EIRP.

Azerspace-2, 45.1°E Ku-Band

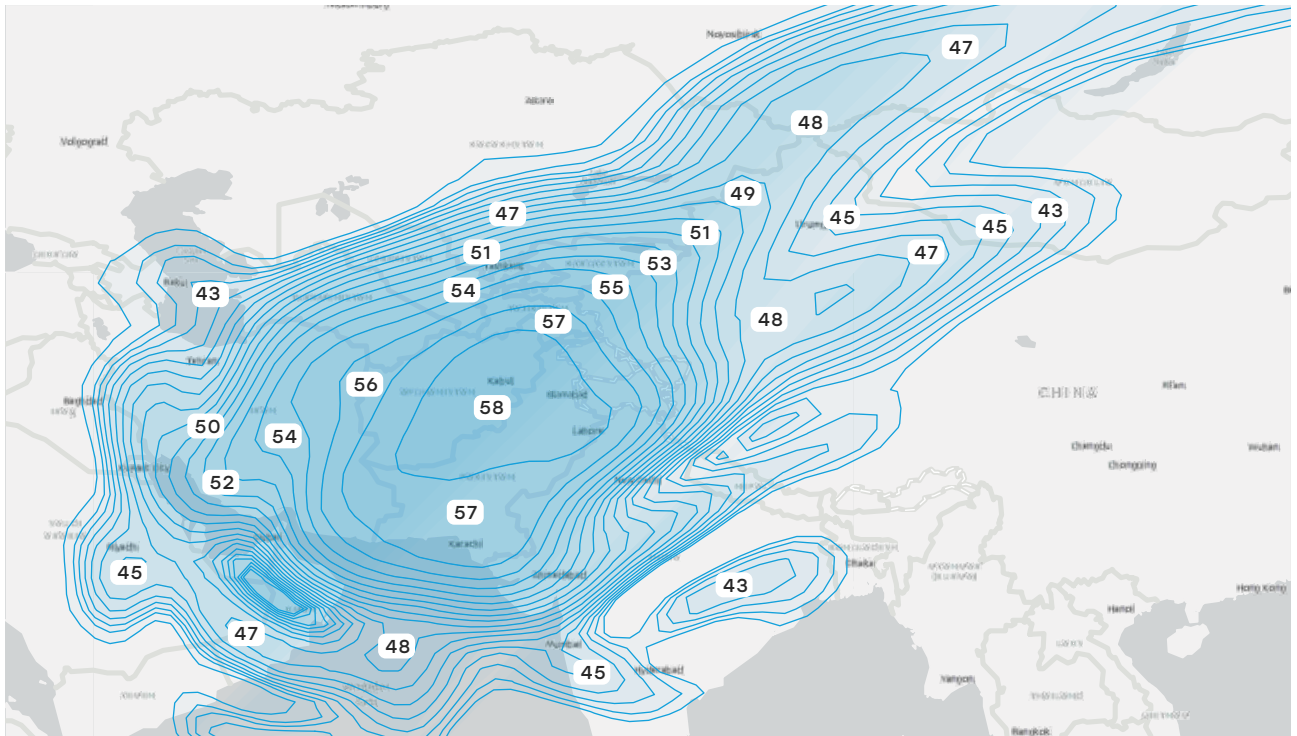
Positioned at the 45.1°E orbital location, Azerspace-2 satellite provides high power, fast and resilient Ku-band connectivity to West, Central and East Africa, Europe, Middle East, and Central Asia.



Eurasia Beam

A unique beam providing extensive coverage across Europe and Asia and requiring minimum antenna size of 0.6 m.

Beams:	West, Central & East Africa, Eurasia, Pakistan & Afghanistan
Polarization:	Linear
TWTA Power:	150 Watt
Active Transponders:	35 (36, 54, 72, 76 MHz)
Uplink:	14000-14500 MHz
Downlink:	11450-12750 MHz



Pakistan and Afghanistan Beam

The strongest beam* in the region with the highest possible 58 dBW EIRP. Exceptional, high throughput satellite performance and MHz/Mbps ratio.

*Only 0.4 m antenna required to be installed to receive the signal.

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Get in touch!

Our team is always here to answer any questions you might have and process your requests.

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