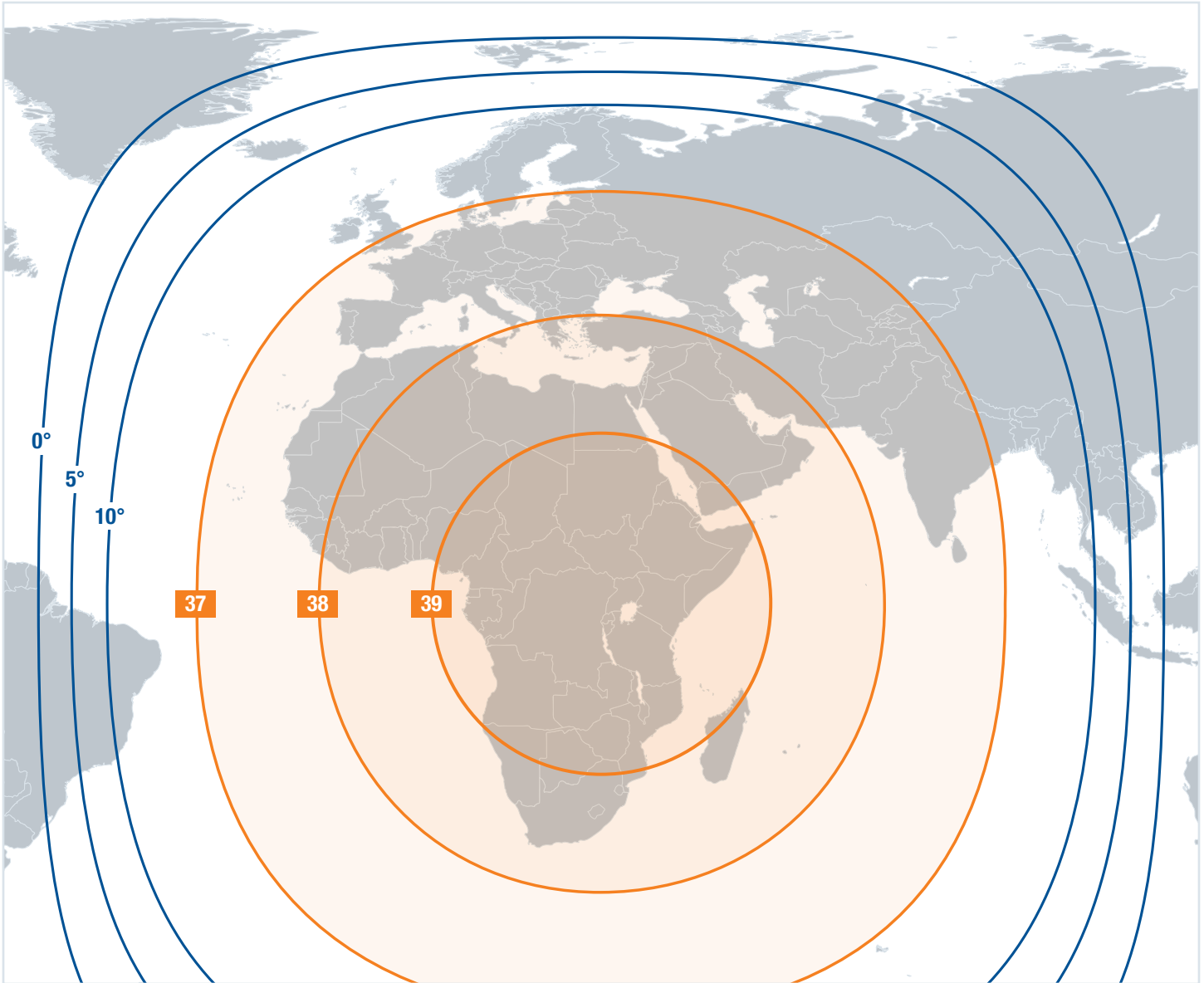


COVERAGE

XTAR-EUR is the world's first satellite developed exclusively for commercial X-band services. The satellite, located at 29°E, provides X-band coverage from Eastern Brazil and the Atlantic Ocean, across Europe, Africa, and the Middle East as far east as Singapore.



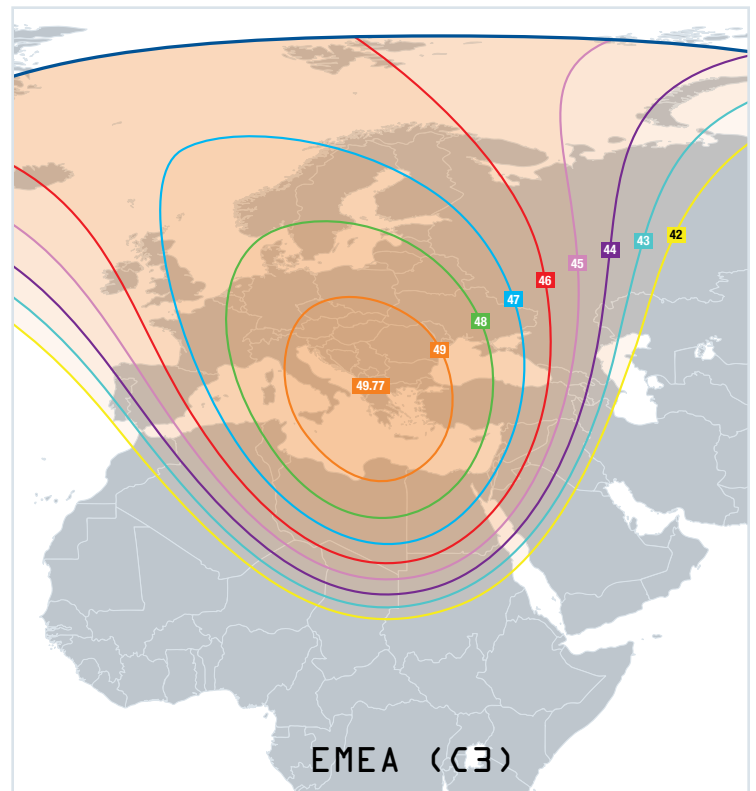
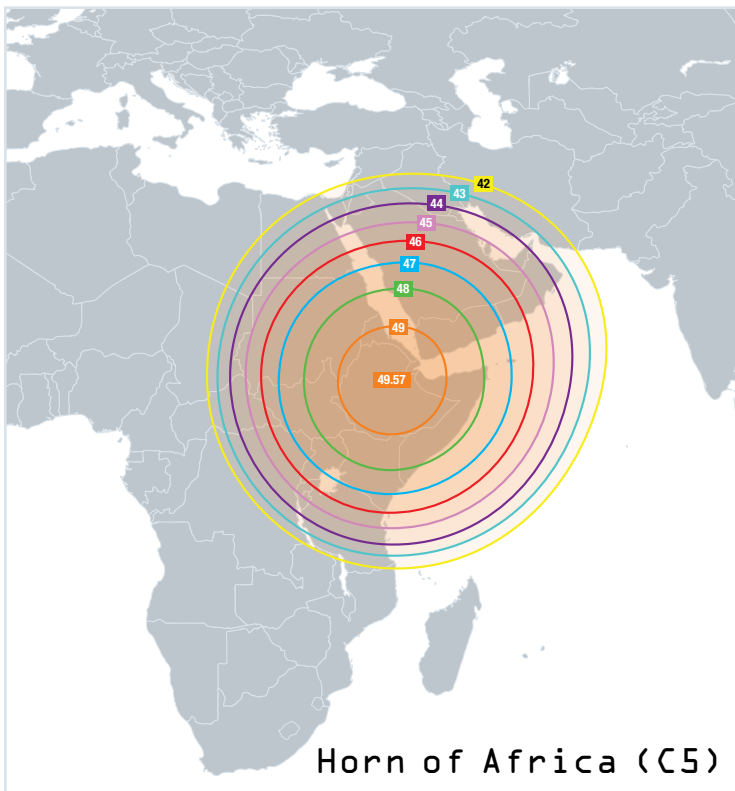
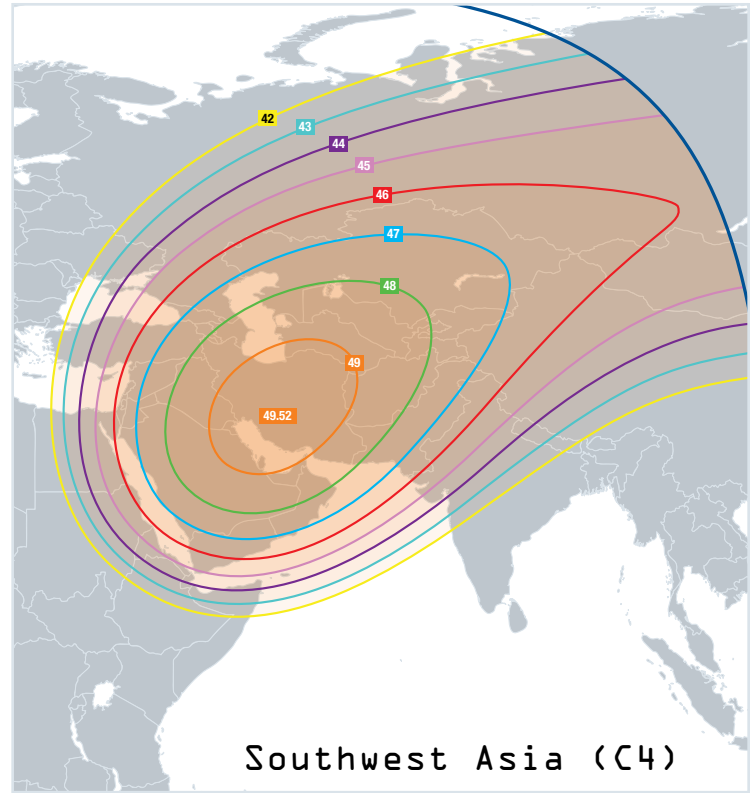
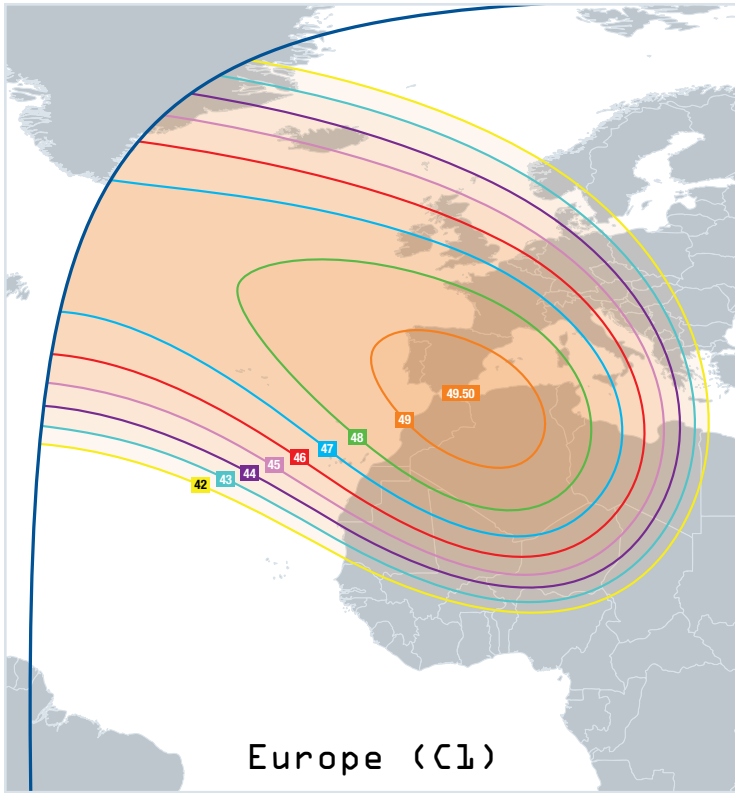
XTAR-EUR

SPACECRAFT	
Bus	LS-1300 (3 axis controlled)
Propulsion	Bi-Propellant
Attitude	Bias Momentum
Power	5773-W BOL (3599-W Required)
Mass	3640-kg (Wet Mass)
Life	>15 Years

PAYLOAD	
Transponders	12
- RHCP	6
- LHCP	6
Transponder Power	100 W
Transponder Size	72 MHz
Guard Bands	8 MHz
Total Usable Capacity	864 MHz

ANTENNA COVERAGE	
Global Beams	2 (1 RHCP) (1 LHCP)
Fixed Beams	1
Steerable Beams	4 (2 RHCP) (2 LHCP)
Total Beams	7

Featuring High Powered Spot Beams



*Spot beams subject to change

STEERABLE SPOT BEAM FEATURES:

XTAR-EUR employs one fixed and four steerable spot beams with the following characteristics:

- Pointing range anywhere within the reach of the global beam
- Stackable, allowing additional bandwidth in high demand regions
- Connectivity up & down within beam, spot-to-global, and spot-to-spot