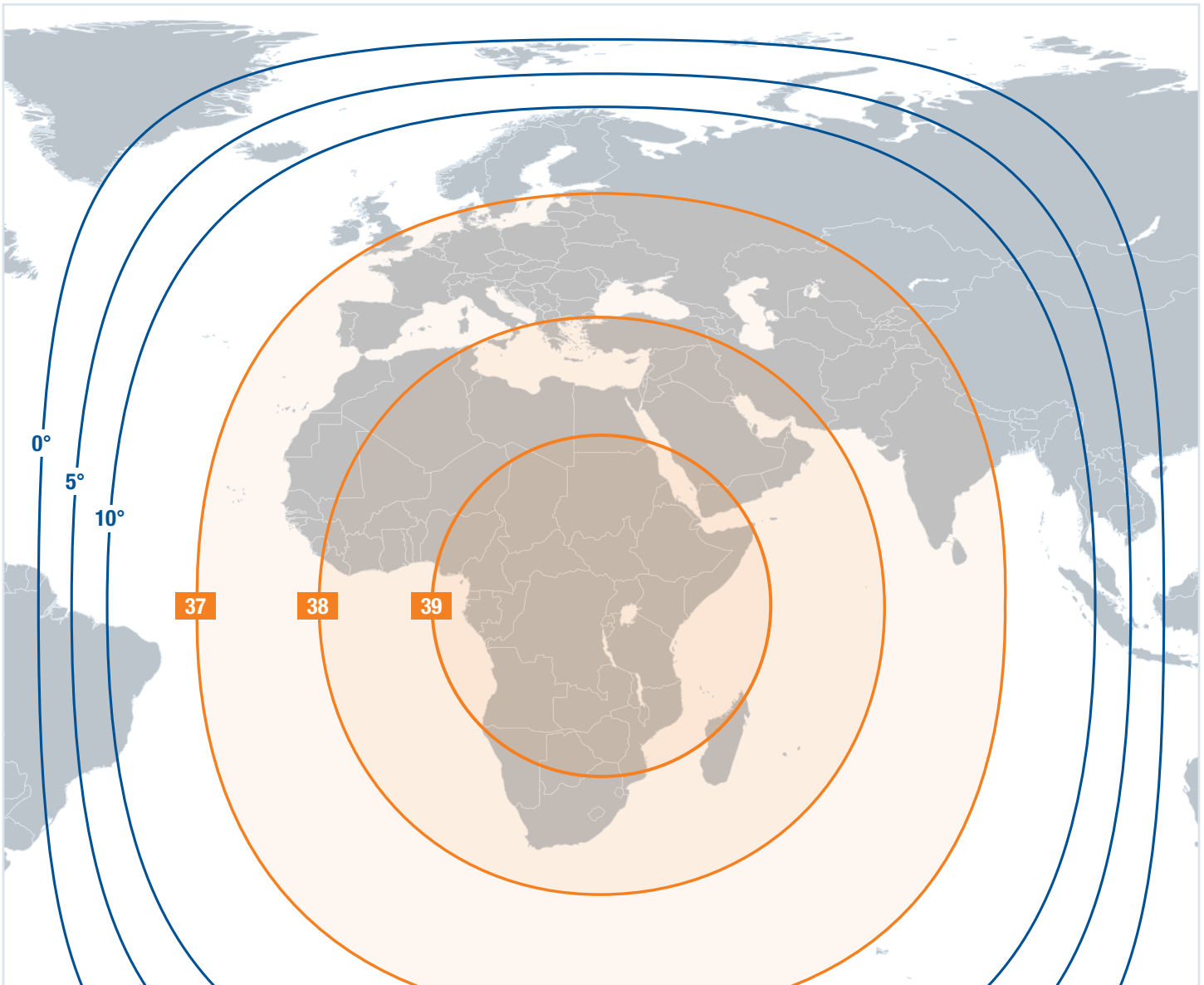


## COVERAGE

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.

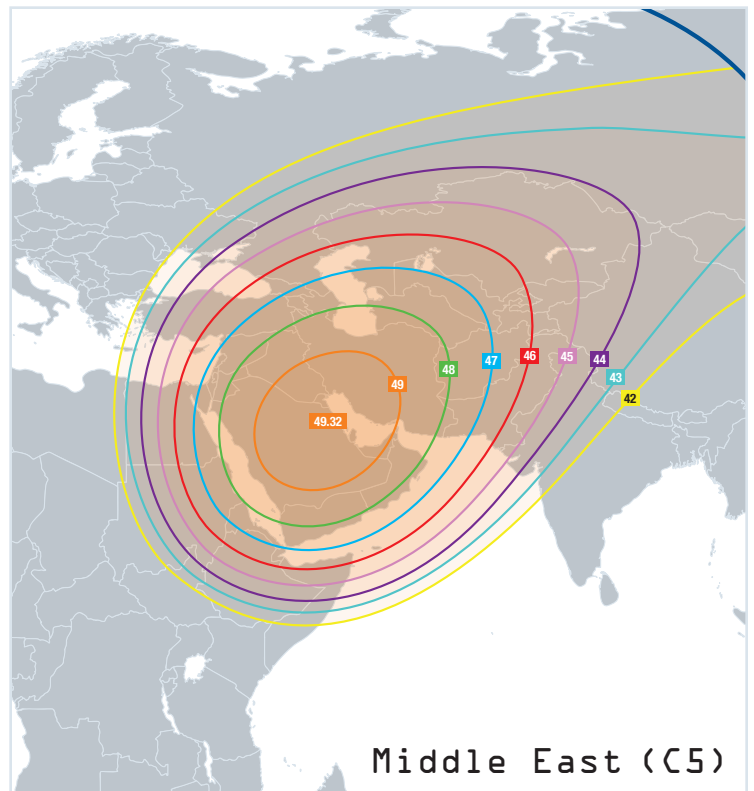
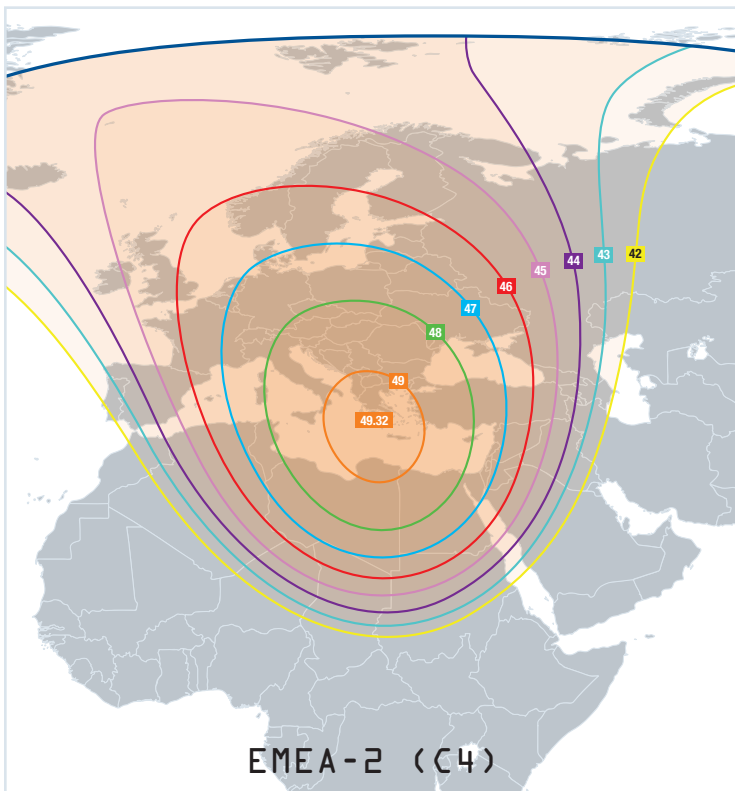
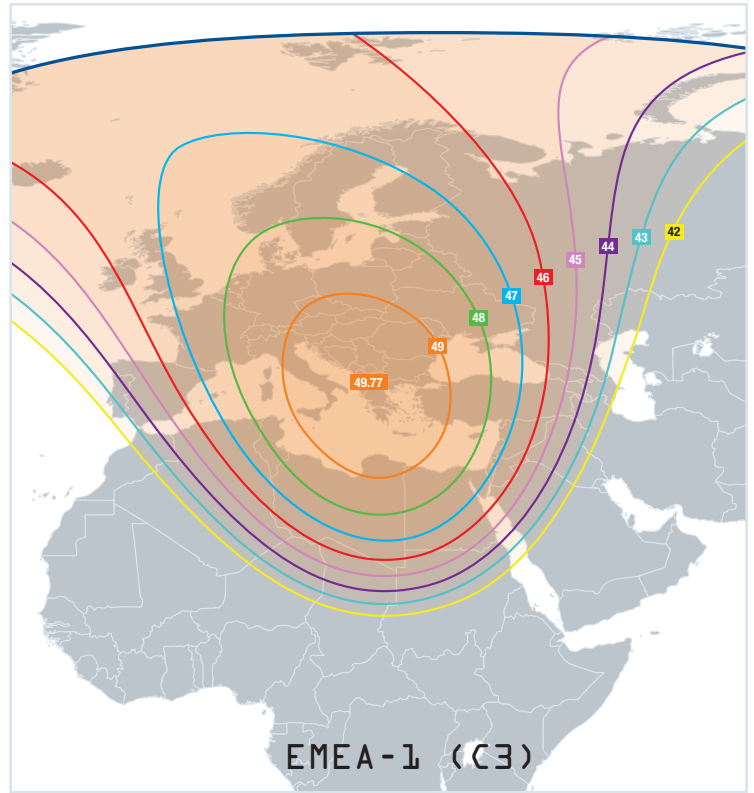
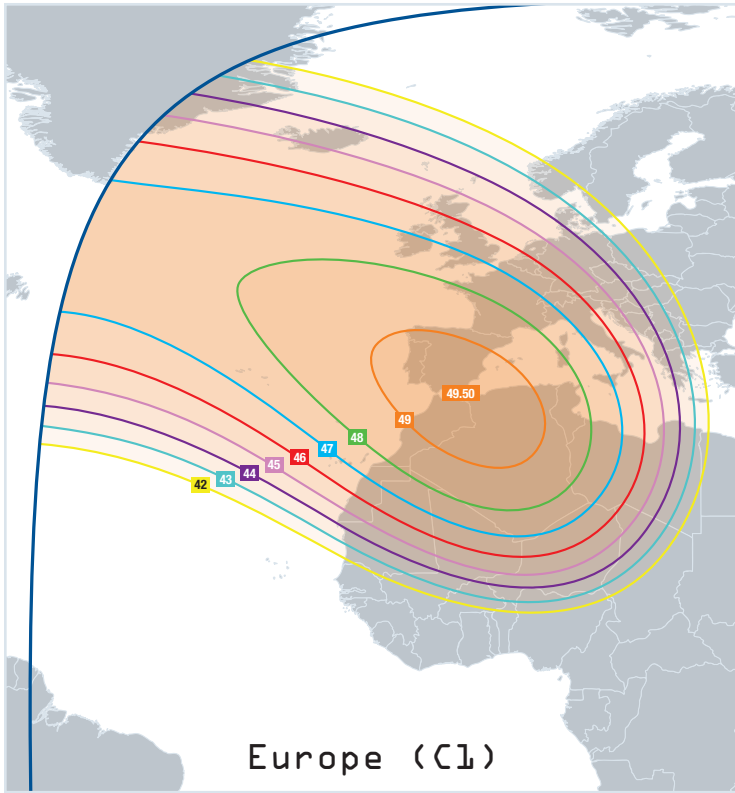


### XTAR-EUR (Inclined Operation)

SPACECRAFT		PAYLOAD		ANTENNA COVERAGE	
Bus	LS-1300 (3 axis controlled)	Transponders	12	Global Beams	2 (1 RHCP) (1 LHCP)
Propulsion	Bi-Propellant	- RHCP	6	Fixed Beams	1
Attitude	Bias Momentum	- LHCP	6	Steerable Beams	4 (2 RHCP) (2 LHCP)
Power	5773-W BOL (3599-W Required)	Transponder Power	100 W	Total Beams	7
Mass	3640-kg (Wet Mass)	Transponder Size	72 MHz		
Life	>15 Years	Guard Bands	8 MHz		
		Total Usable Capacity	864 MHz		

Triband (X/mil-Ka/UHF) NextGeneration Replacement Scheduled Summer 2025

## 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 (see current stacking of Beams C3 and C4, depicted above)
- Connectivity up & down within beam, spot-to-global, and spot-to-spot