



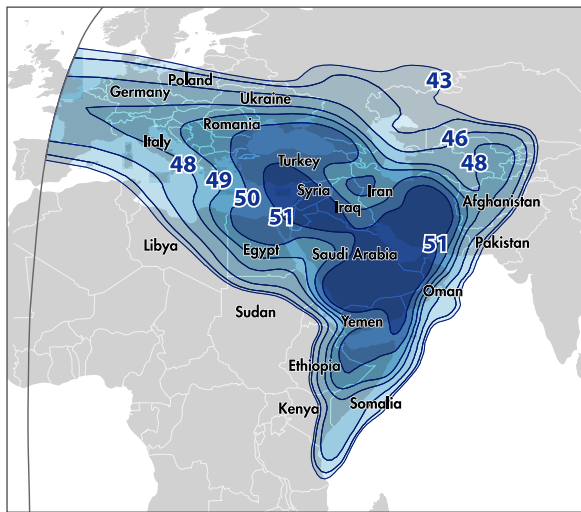
ABS-2

75°E

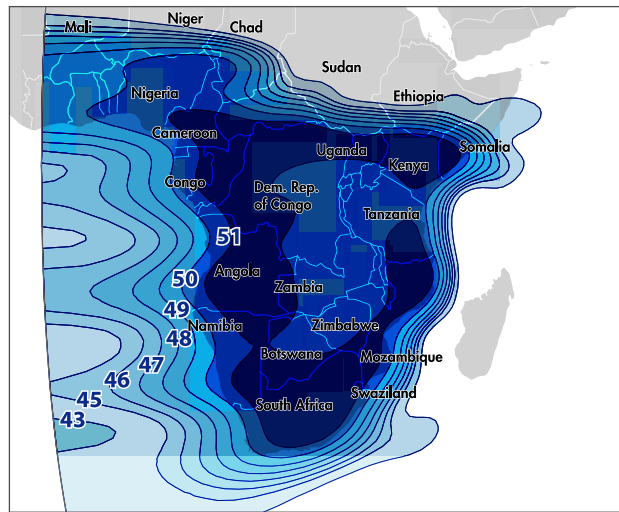
ABS-2 KEY HIGHLIGHTS

- ABS-2 is a geostationary FSS Space Systems/Loral FS 1300 satellite
- Located at the prime location of 75°E, it serves four continents across Asia, Europe, the Middle East, Africa, Russia and spans to Australia
- Six dedicated high-powered Ku-band beams for DTH services in the Eastern Hemisphere
- Industry-leading high-powered C-band Global beam along with Hemi beams for Africa and Asia Pacific connectivity requirements
- Ka-band beam targeting the MENA and offers cost-effective solutions for commercial and military applications
- Strong cable headend penetration suitable for video services
- Well-positioned for data and telecommunication networks, corporate networks, cellular backhaul and IP trunking
- Excellent coverage for maritime mobility and government/military applications across multiple markets including the Middle East, North Africa, India Ocean Region and Asia

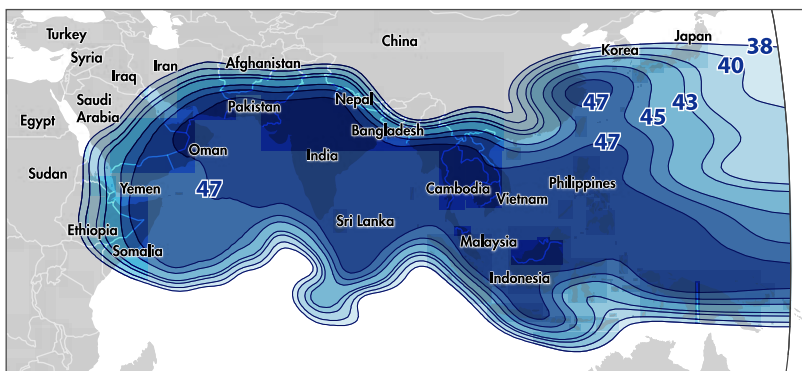
KU BAND BEAMS



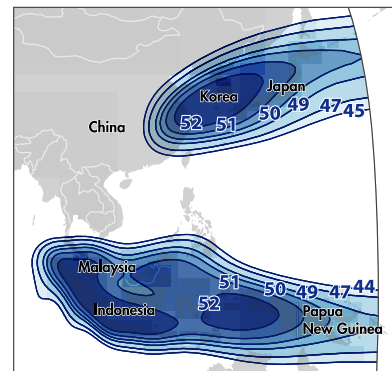
MENA | 43-51dBW



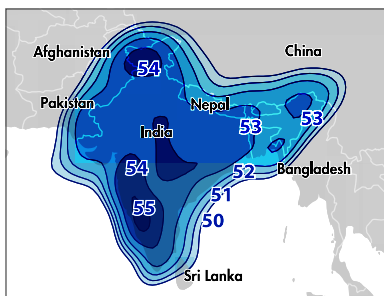
S&C Africa | 43-51dBW



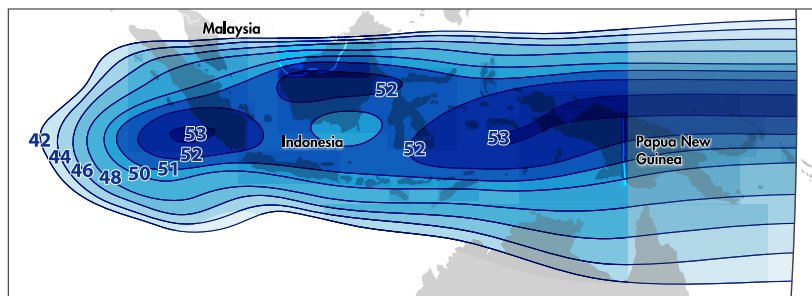
Southern | 38-47dBW



Korea/SEA | 44-52dBW

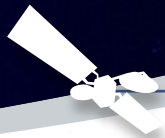


South Asia | 50-55dBW

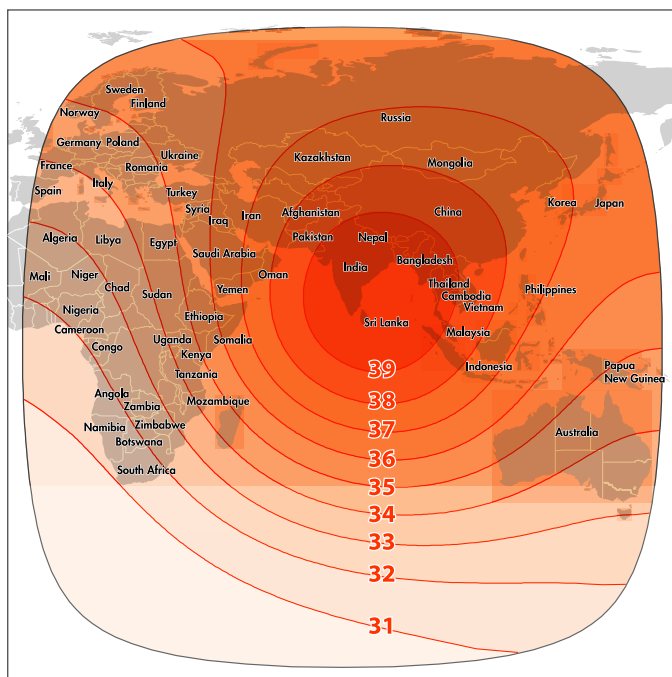


Indonesia | 42-53dBW

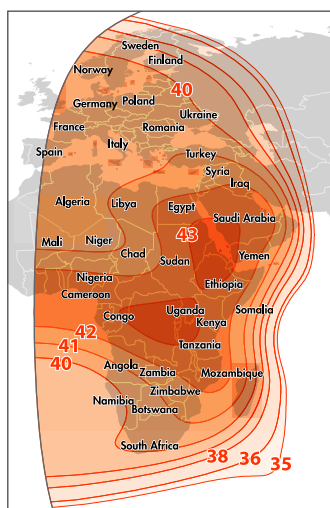
Ku-band Transponders: 51 (49 x 54 MHz and 2 x 108 MHz) Polarization: Linear (H&V)



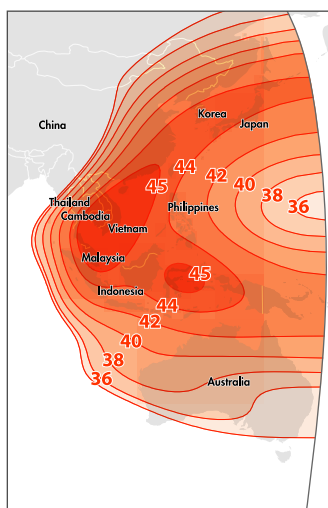
C BAND BEAMS



Global | 31-39dBW



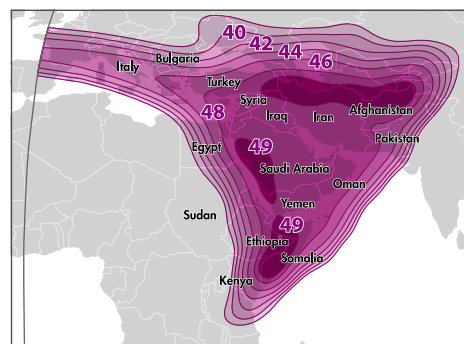
West Hemi | 35-43dBW



East Hemi | 36-45dBW

C-band Transponders: 32 (8 x 36 MHz, 22 x 72 MHz & 2 x 104 MHz)
Polarization: Linear (H&V)

Ka BAND BEAM



MENA | 40-49dBW

Ka-band Transponders: 6 (out of 4 x 435 MHz & 4 x 225 MHz)
Polarization: Circular (RHCP & LHCP)

PARAMETER	C BAND	Ku BAND	Ka BAND
Number of Transponders	Up to 32	Up to 51	Up to 6 (Commercial & Military bands)
Transponder Bandwidth (MHz)	36, 72 & 104	54 & 108	435 (Commercial) & 225 (Military)
Uplink/Downlink Frequency (GHz)	Standard & Extended C-bands	FSS & BSS Ku-bands	Commercial & Military bands
Uplink/Downlink Signal Polarization	Linear (H&V)	Linear (H&V)	Circular (RHCP & LHCP)
Cross-Polarization Isolation (dB)	Better than 27	Better than 27	Better than 27
EIRP (Peak Value) (dBW)	45	55	49
TWTA Size (Watts)	62	143	120
Installed TWTA	34	52	6
G/T (Peak Value) (dB/K)	6	8	4