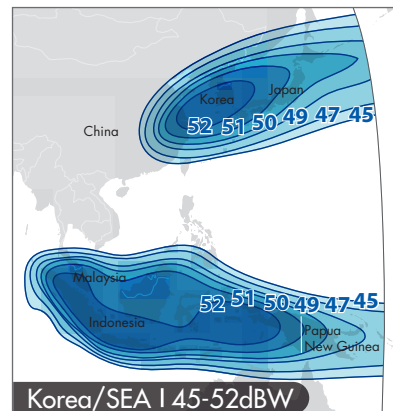
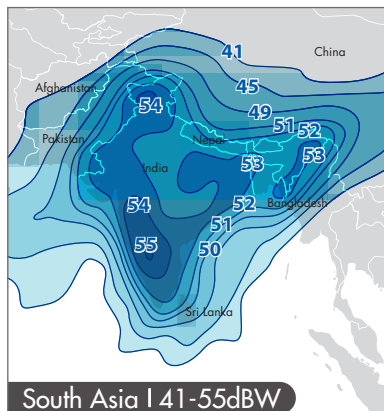
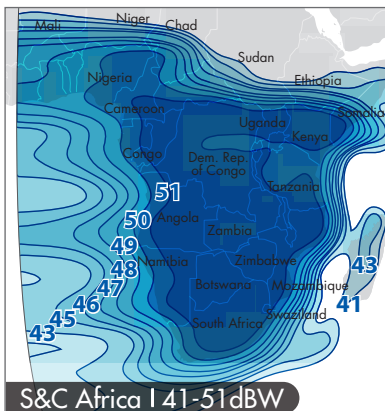
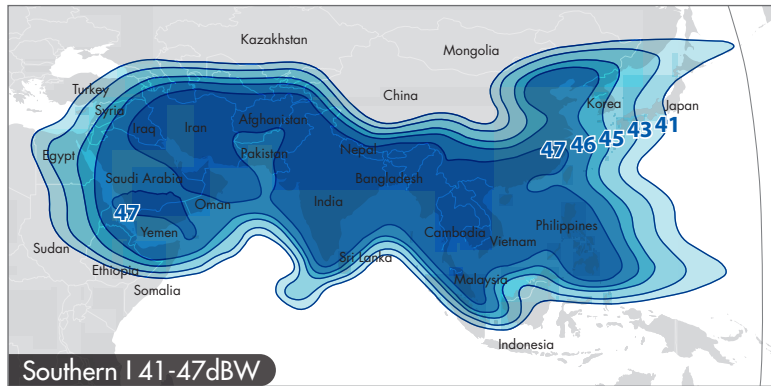
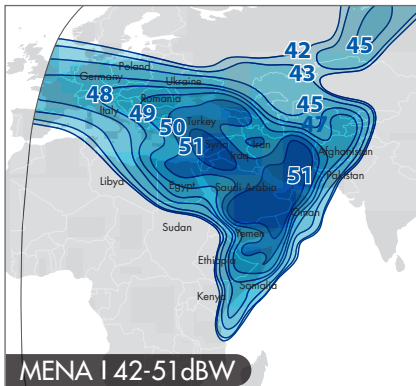
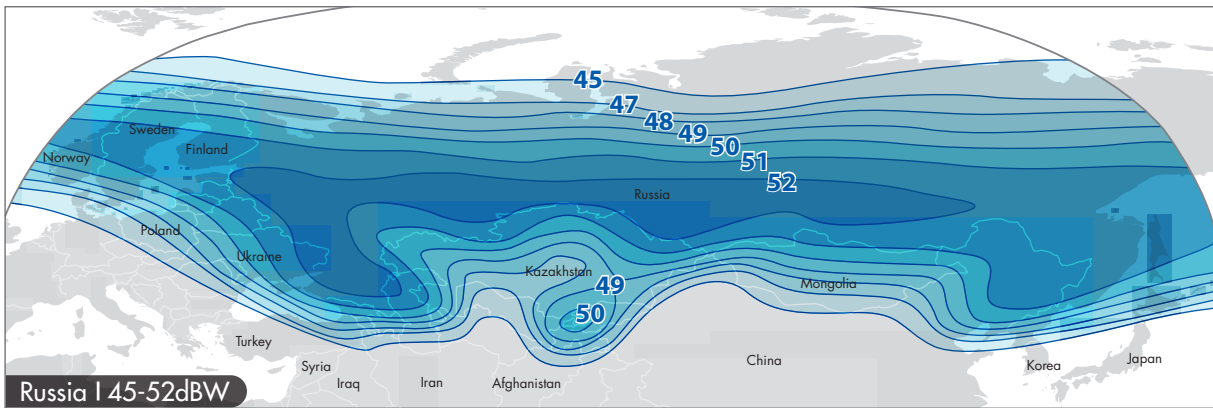


## ABS-2 KEY HIGHLIGHTS

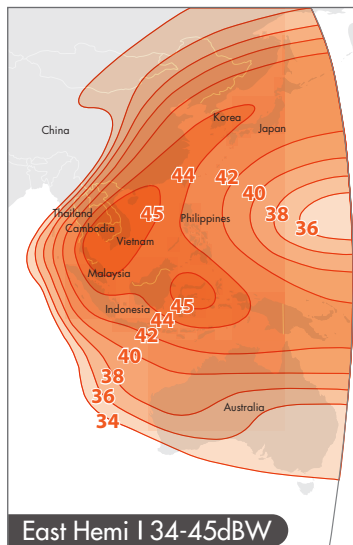
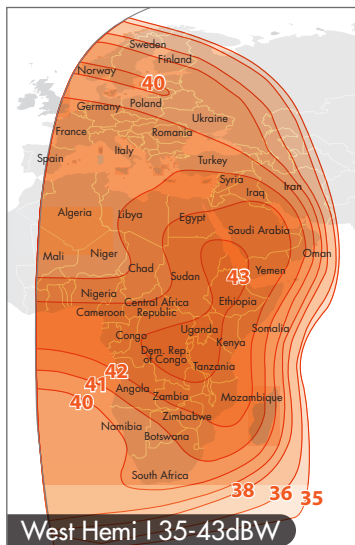
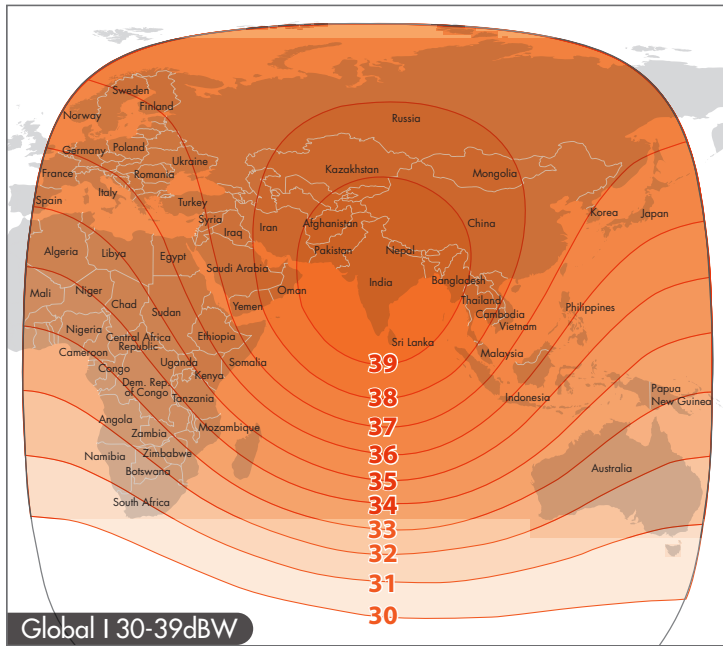
- Brings substantial new capacity to the prime location at 75°E, serving four continents
- 6 dedicated high-powered Ku-band beams for DTH services in the Eastern Hemisphere
- Multiple options for Ku-band connectivity
- Industry leading high-powered C-band beams for Africa and SE Asia connectivity requirements
- Ka-band beam targeting the MENA region offers cost effective solutions for commercial and military applications
- ABS-2 is a Space Systems/Loral FS 1300 launched in February 2014

## KU BAND BEAMS



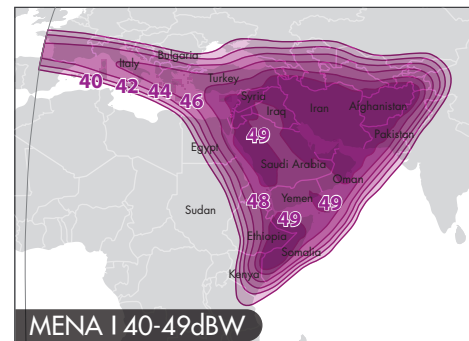
Ku-Band Transponders: 51 (49 x 54 MHz and 2 x 108 MHz) Polarization: Linear (H&V)

## C BAND BEAMS



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

## KA BAND BEAM



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)	6.9	8.9	4.6