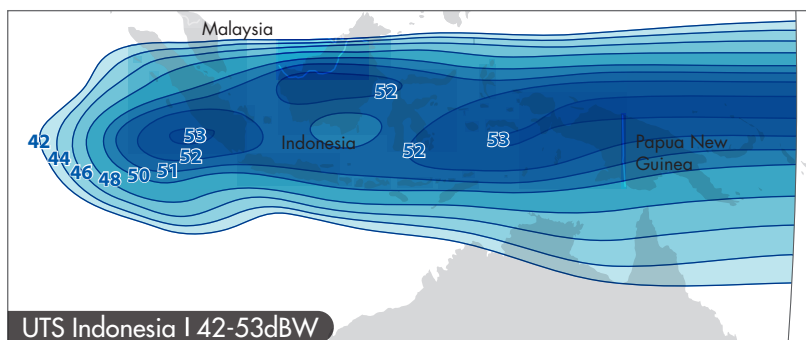
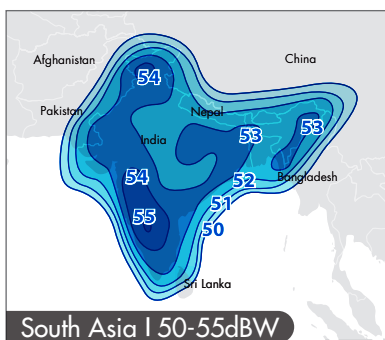
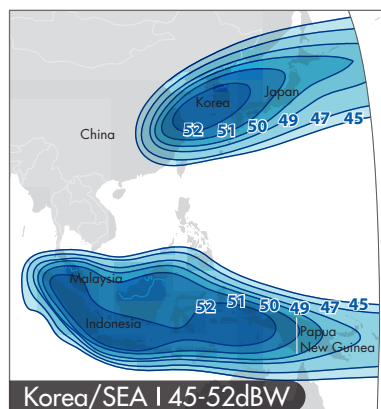
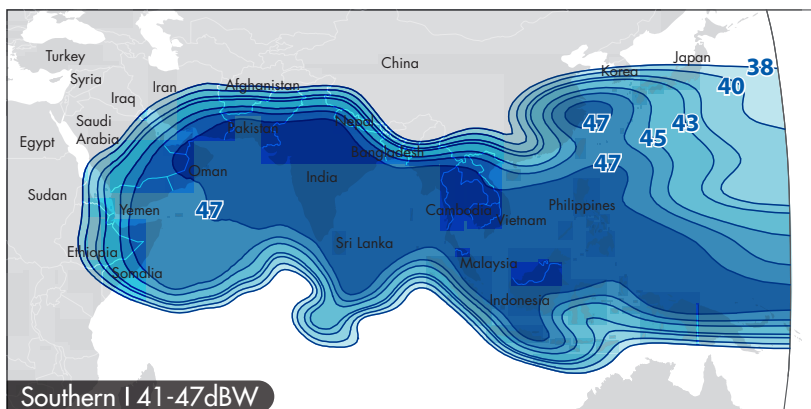
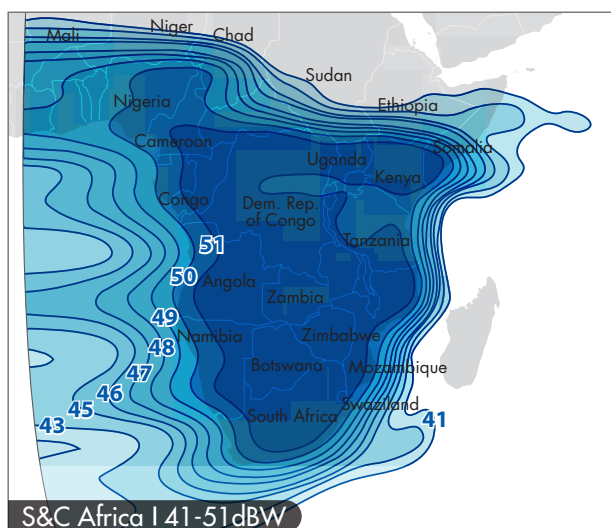
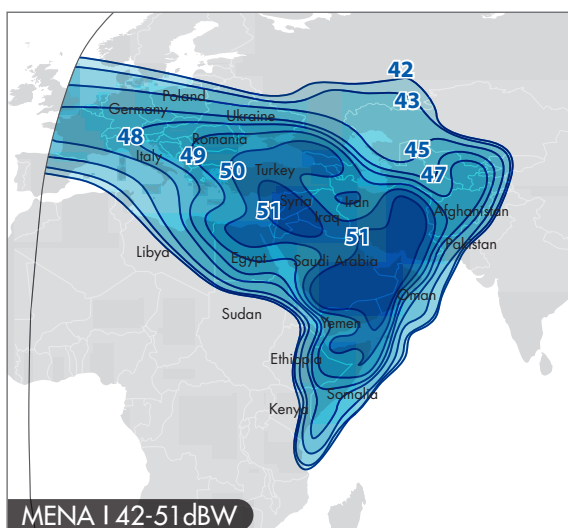


ABS-2 KEY HIGHLIGHTS

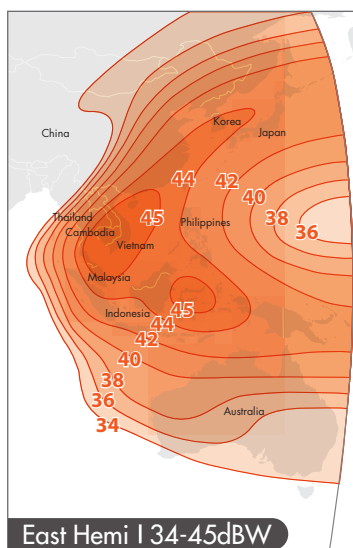
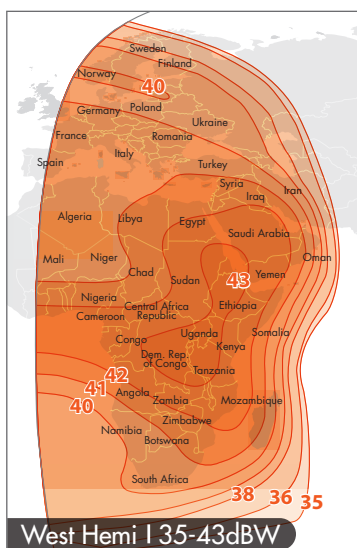
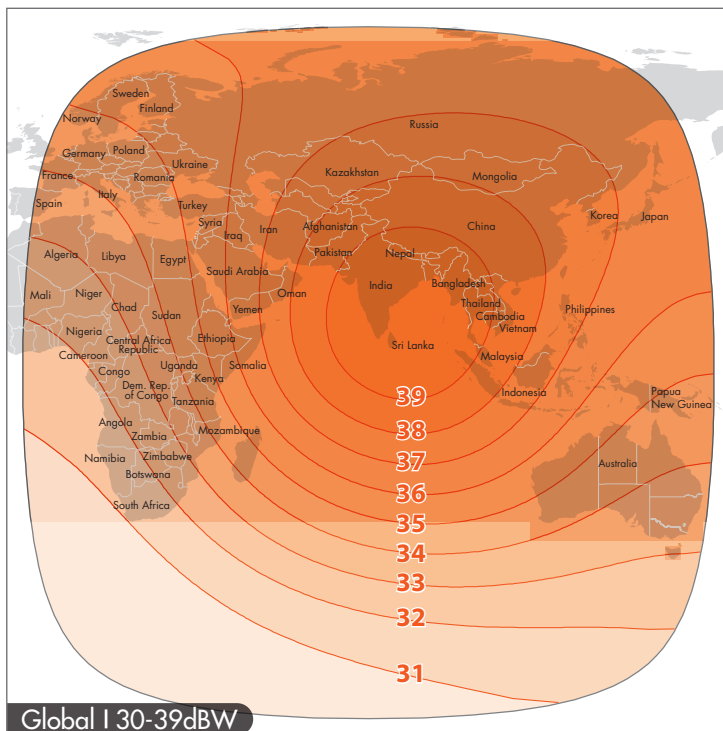
- Brings substantial new capacity to the prime location at 75°E, serving four continents
- 6 dedicated high-powered Ku-band beams for DTH services in the Eastern Hemisphere
- Multiple options for Ku-band connectivity
- Industry leading high-powered C-band beams for Africa and SE Asia connectivity requirements
- 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 satellite launched in February 2014

KU BAND BEAMS

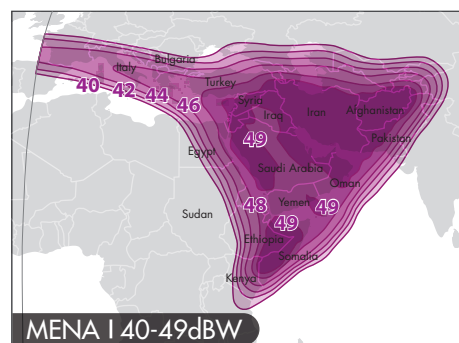


Ku-Band Transponders: 51 (49 x 54 MHz and 2 x 108 MHz) Polarization: Linear (H&V)

C BAND BEAMS



KA BAND BEAM



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

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 |