

ASIASAT 7 105.5°E

Asia's most popular TV satellite with superb channel neighbourhood and audience access



UNIQUE BENEFITS

- At 105.5°E, Asia's most watched orbital location for premier content from South Asia, East Asia and global TV networks
- Instantaneous access to all major Asian MSOs, cable operators, pay TV platforms and hotel networks
- Region-wide C-band coverage over Asia, Middle East, Australasia and Central Asia
- High-power Ku-band beams for East Asia, South Asia and steerable Ku beam optimised for Australia
- Ka-band payload offering high-power regional coverage
- Switching capability of Ku-band beams
- Excellent 'look angles' across footprints
- Fleet-wide reliability with full in-orbit backup compatibility

THE SPACECRAFT

Designed/Built by	Space Systems/Loral
Model	SSL 1300
Design Life	15+ years
Nominal Orbital Location	105.5°E

LAUNCH

26 November 2011 by ILS Proton Breeze M rocket from Baikonur Cosmodrome, Kazakhstan

COMMUNICATIONS PAYLOAD

C-band

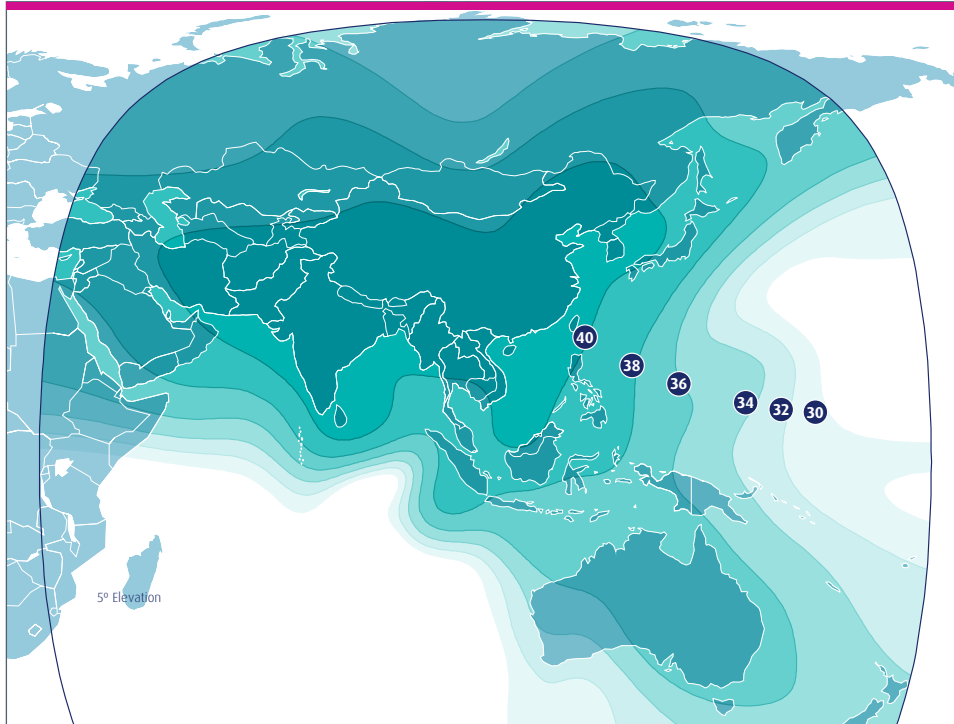
No. of Transponders	28 (linearised)
Transponder Bandwidth	36 MHz
UL/DL Polarisation	Horizontal and Vertical
TWTA Size	65 watts
TWTA Redundancy	32 for 28
Satellite Receiving G/T	0 dB/K max.
Receiver Redundancy	6 for 4

Ku-band

Number of Transponders	17 (fixed gain linearised or automatic level control)
Transponder Bandwidth	54 MHz
UL/DL Polarisation	Horizontal and Vertical
TWTA Size	150 watts
TWTA Redundancy	20 for 17
Satellite Receiving G/T	7-8 dB/K max.
Receiver Redundancy	Min. 6 for 4

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C-BAND EIRP (dBW)



KU-BAND EIRP (dBW)

