

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, the Philippines 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

Nominal Orbital Location 105.5°E

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

LAUNCH

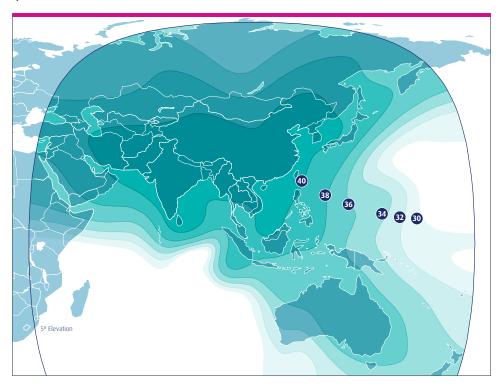
26 November 2011 by ILS Proton Breeze M rocket from Baikonur Cosmodrome, Kazakhstan





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C-BAND EIRP (dBW)



KU-BAND EIRP (dBW)

