

ASIASAT 5

100.5°E

Asia's leading platform for sports and multilingual content



UNIQUE FEATURES

- Asia's most established satellite platform for European and Middle Eastern TV channels
- Instantaneous access to all major Asian terrestrial broadcasters, cable networks and pay TV platforms
- Asian gateway connecting Europe and the Middle East
- Prime occasional use platform for distributing major sporting events in Asia
- High-power dedicated Ku-band beams for East Asia and South Asia
- Flexible in-orbit steerable Ku-band beam
- Switching capability of Ku-band beams
- Excellent 'look angles' across footprints
- Fleet-wide reliability with full in-orbit backup compatibility

COMMUNICATIONS PAYLOAD

C-band

No. of Transponders	26 (linearised)
Transponder Bandwidth	24 at 36 MHz and 2 at 72 MHz
UL/DL Polarisation	Horizontal and Vertical
TWTA Size	65 watts
TWTA Redundancy	30 for 26
Satellite Receiving G/T	0 dB/K max.
Receiver Redundancy	6 for 4

Ku-band

No. of Transponders	14 (fixed gain linearised or automatic level control)
Transponder Bandwidth	54 MHz
UL/DL Polarisation	Horizontal and Vertical
TWTA Size	150 watts
TWTA Redundancy	18 for 14
Satellite Receiving G/T	8 dB/K max. for East Asia and South Asia beams
Receiver Redundancy	6 for 4

THE SPACECRAFT

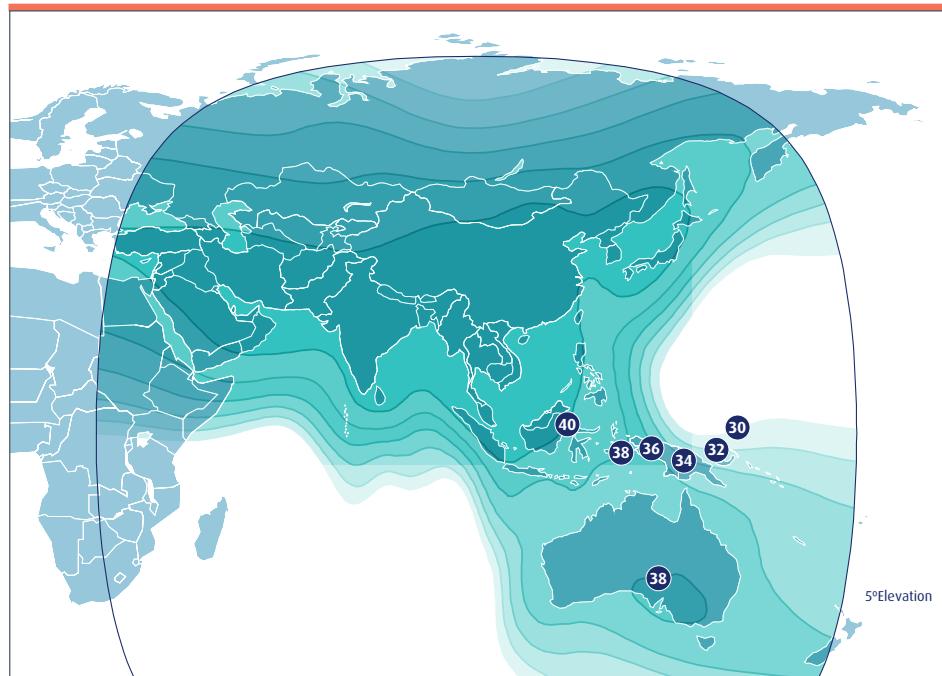
Designed/Built by	Space Systems/Loral
Model	SSL 1300
Nominal Orbital Location	100.5°E

LAUNCH

12 August 2009 by ILS Proton Breeze M rocket from Baikonur Cosmodrome, Kazakhstan

ASIASAT 5 100.5°E

C-BAND EIRP (dBW)



KU-BAND EIRP (dBW)

