

## 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

### THE SPACECRAFT

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

### LAUNCH

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

### COMMUNICATIONS PAYLOAD

#### C-band

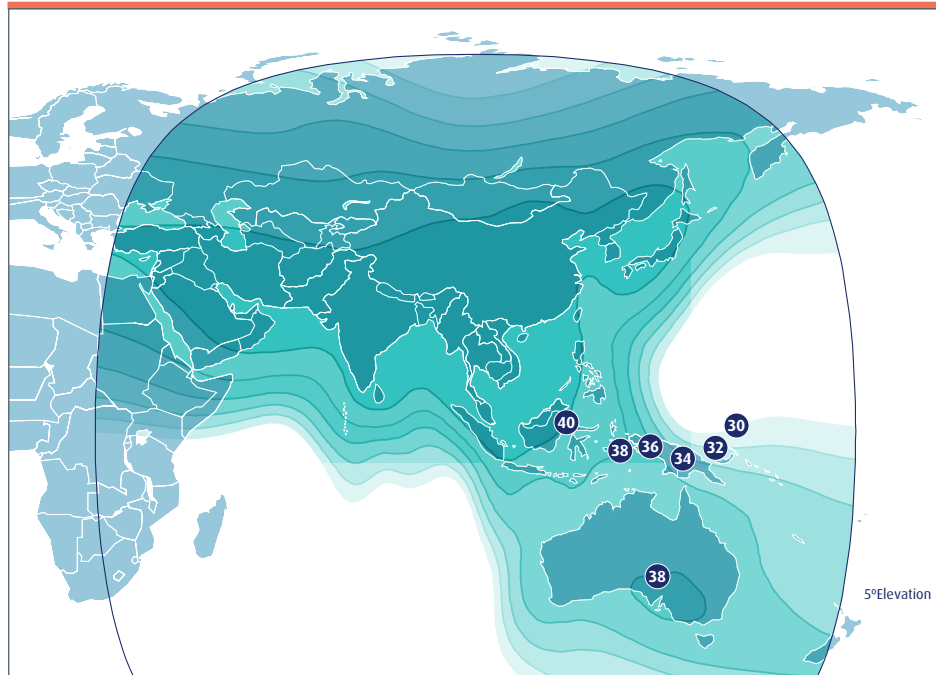
<b>No. of Transponders</b>	26 (linearised)
<b>Transponder Bandwidth</b>	24 at 36 MHz and 2 at 72 MHz
<b>UL/DL Polarisation</b>	Horizontal and Vertical
<b>TWTA Size</b>	65 watts
<b>TWTA Redundancy</b>	30 for 26
<b>Satellite Receiving G/T</b>	0 dB/K max.
<b>Receiver Redundancy</b>	6 for 4

#### Ku-band

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

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### C-BAND EIRP (dBW)



### KU-BAND EIRP (dBW)

