

# 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**

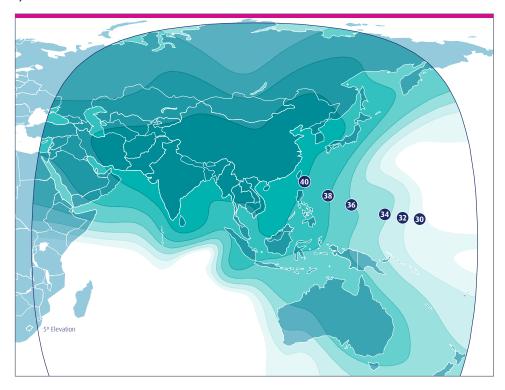
26 November 2011 by ILS Proton Breeze M rocket from Baikonur Cosmodrome, Kazakhstan





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#### C-BAND EIRP (dBW)



## **KU-BAND EIRP (dBW)**

