AsiaSat
Reaching Further, Bringing You Closer

ASIASAT 8
105.5°E

The most powerful AsiaSat satellite with multiple Ku beams targeting high growth regions

UNIQUE FEATURES

- Co-locates with AsiaSat 7 at 105.5°E, an established slot for DTH and telecom services
- Equipped with 210W Ku-band TWTA — the highest power ever launched in Asia
- High downlink EIRP up to 57.3 dBW
- Inter-beam switching capability allows greater flexibility of usage
- Ka-band payload offering high-power regional coverage
- Excellent `look angles´ across footprints

THE SPACECRAFT

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

LAUNCH

5 August 2014 by SpaceX's Falcon 9 rocket from Cape Canaveral, Florida, U.S.A.

COMMUNICATIONS PAYLOAD

Ku-band

No. of Transponders	24 (fixed gain linearised or automatic level control)
Transponder Bandwidth	54 MHz
UL/DL Polarisation	Horizontal and Vertical
Coverage	China beam India beam Middle East beam South East Asia beam
TWTA Size	210 watts
Satellite Receiving G/T	10-13 dB/K max.

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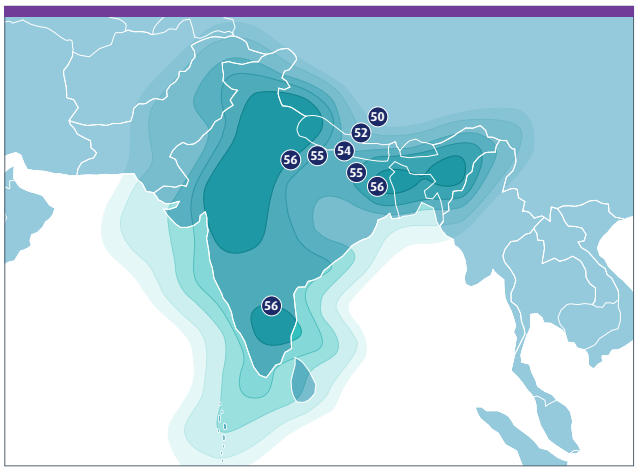
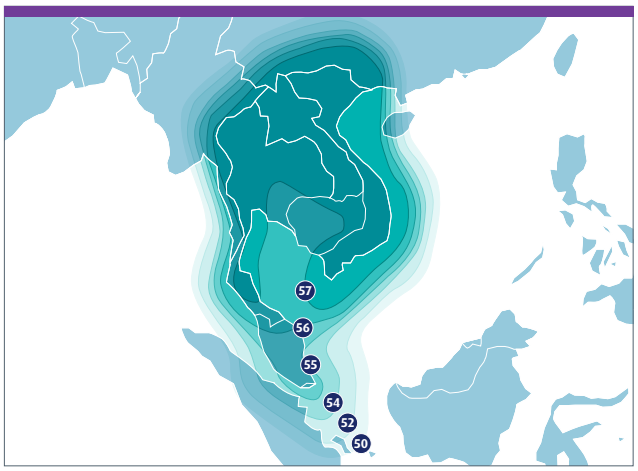
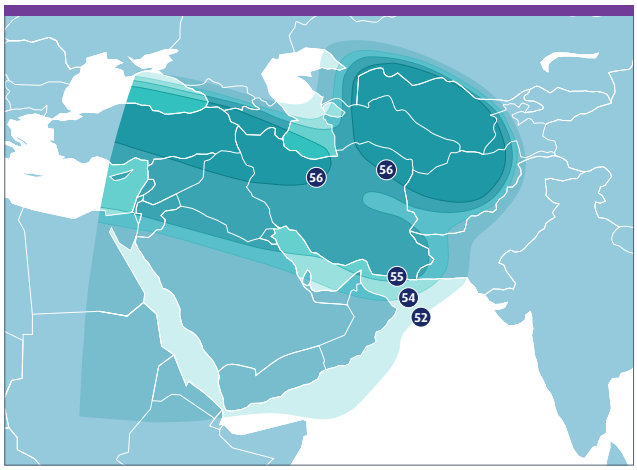
KU-BAND INDIA BEAM EIRP (dBW)



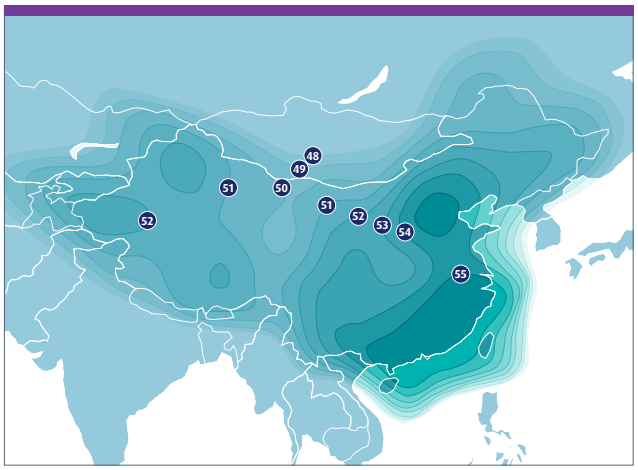
KU-BAND SOUTH EAST ASIA BEAM EIRP (dBW)



KU-BAND MIDDLE EAST BEAM EIRP (dBW)



KU-BAND CHINA BEAM EIRP (dBW)



Asia Satellite Telecommunications Company Limited
12/F, Harbour Centre
25 Harbour Road, Wanchai, Hong Kong
T (852) 2500 0888
F (852) 2500 0895
E as-mkt@asiasat.com
www.asiasat.com