AsiaSat
Reaching Further, Bringing You Closer

ASIASAT 8
105.5°E

High-power Ku-band satellite with multiple beams targeting high growth regions in Asia and Middle East

UNIQUE FEATURES

- Operate at 105.5°E, co-locating with AsiaSat 7 and an established slot for DTH and data 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
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

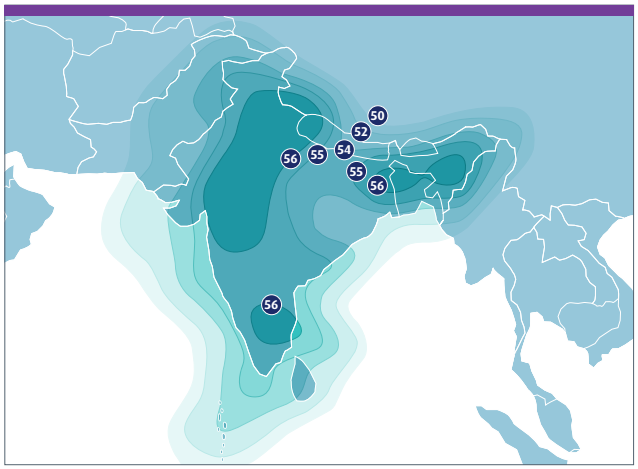
No. of Transponders	24 (fixed gain linearised or automatic level control)
Transponder Bandwidth	54 MHz
UL/DL Polarisation	Horizontal and Vertical
Coverage	China beam India beam Middle East beam Japan beam
TWTA Size	210 watts
Satellite Receiving G/T	10-13 dB/K max.

Note: Technical data is for reference only. AsiaSat Proprietary, May 2025

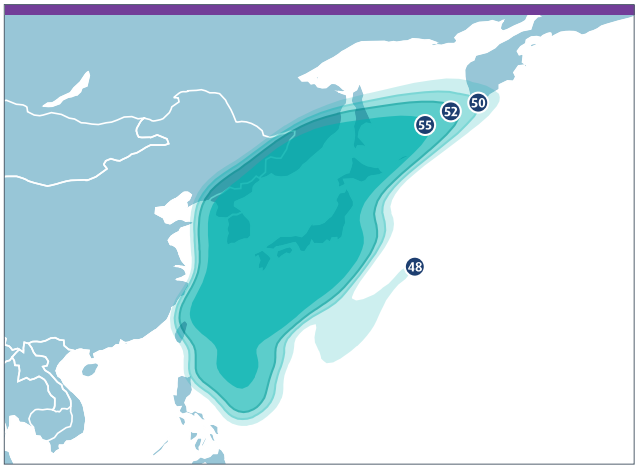
AsiaSat
Reaching Further, Bringing You Closer

ASIASAT 8
105.5°E

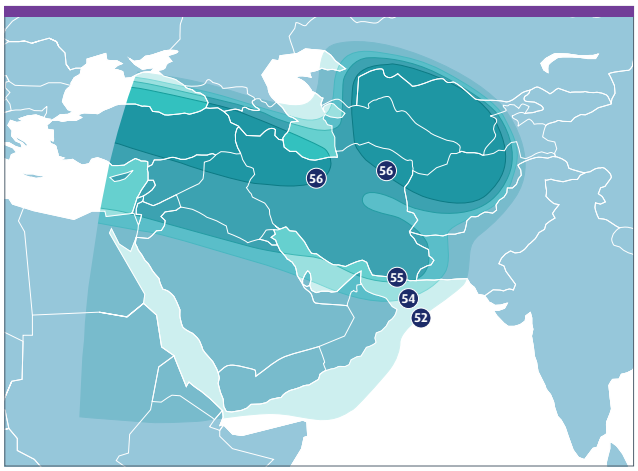
KU-BAND INDIA BEAM EIRP (dBW)



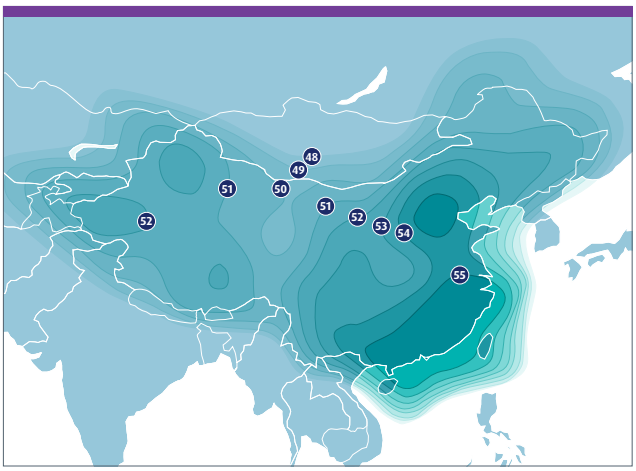
KU-BAND JAPAN BEAM EIRP (dBW)



KU-BAND MIDDLE EAST BEAM EIRP (dBW)



KU-BAND CHINA BEAM EIRP (dBW)



Asia Satellite Telecommunications Company Limited
15 Dai Kwai Street
Tai Po Industrial Estate, N.T., Hong Kong
T (852) 2500 0888
F (852) 2576 4111
E sales@asiasat.com
www.asiasat.com