

ASIASAT 4 C-BAND UHD MCPC PLATFORM

True UHD content and Free-to-air for the Asia-Pacific



FEATURES & BENEFITS

- An open platform for all stakeholders to experience and promote UHD content in Asia
- Full transponder HEVC DVB-S2 MCPC platform on high performance satellite AsiaSat 4
- AsiaSat's first UHD channel '4K-SAT' already operating on the platform
- True UHD content broadcasting at 50 fps with 10 bit colour depth
- Benefits to broadcasters and content providers
 - Free promotion and opportunity to validate the technical and economic feasibility of UHD broadcasting via satellite
 - End-to-end quality delivery guaranteed, no bottle necks
 - High satellite power on AsiaSat 4 enabling the use of 2.4m-3m C-band antenna for quality reception
 - Wide C-band footprint reaching Asian viewers across 50+ countries and regions from New Zealand to Pakistan and part of the Middle East
- Benefits to TV operators
 - Free reception of wide ranging full UHD produced videos
 - Small investment to validate the feasibility of using UHD content as product differentiator

RECEPTION PARAMETERS SPECIFICATIONS

- Satellite: AsiaSat 4 @ 122°E
- Transponder: A4-C13H
- Downlink Frequency: 4120 MHz
- Downlink Polarisation: Horizontal
- Transmission Standard: DVB-S2
- Symbol Rate: 29.72 Msym/s
- Modulation: 8PSK
- FEC: 5/6

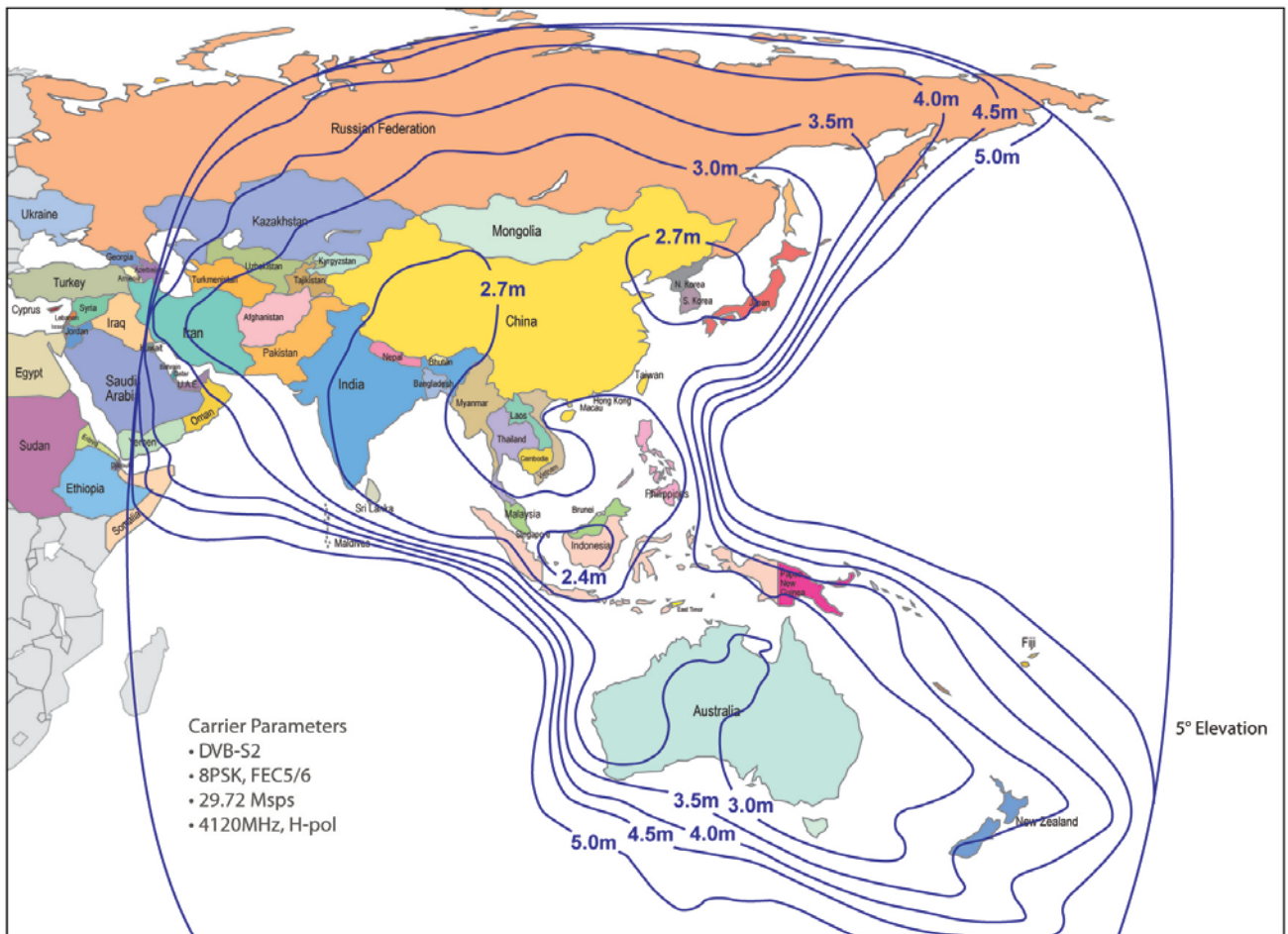
4K-SAT CHANNEL PARAMETERS

- Compression Standard: HEVC
- Colour Depth: 10-bit
- Frame Rate: 50 fps
- Service ID: 4000

4K-SAT



AsiaSat 4 (A4-C13H) DVB-S2 MCPC Platform TVRO Map



Note: Technical data is for reference only.
AsiaSat Proprietary, 1 February 2016