

Satellite Fleet

KOREASAT-7

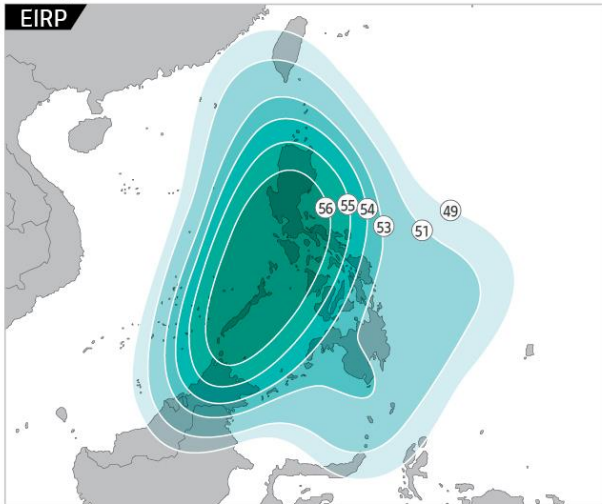
Orbital Location : 116°E

Launch Date : May 2017

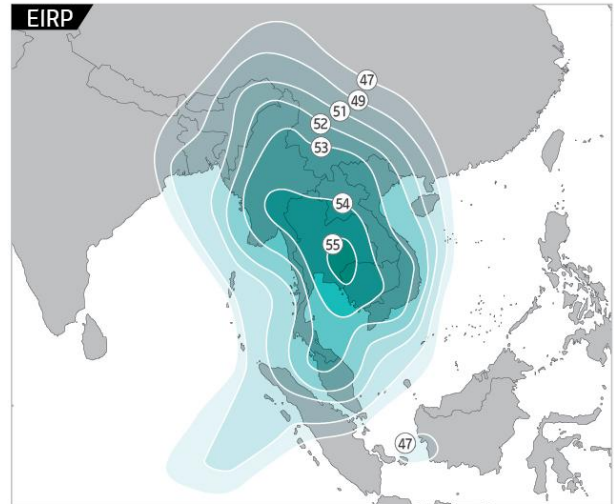
Manufacturer : Thales Alenia Space

Launcher : Arianespace

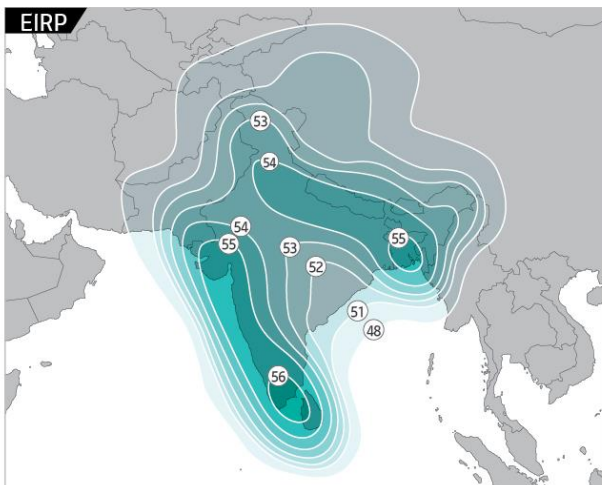
Philippine Ku-band Beam



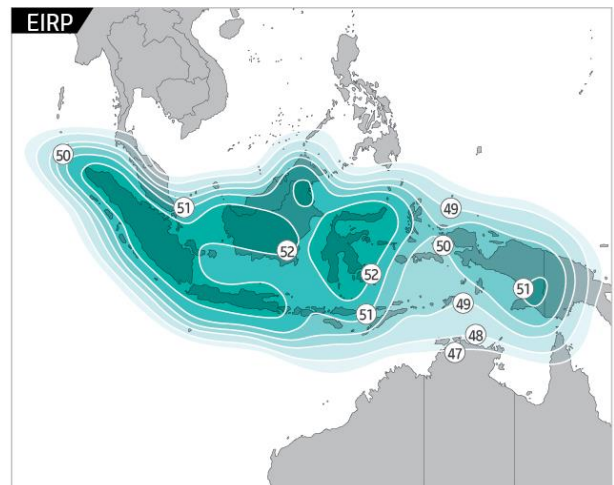
Indochina Ku-band Beam



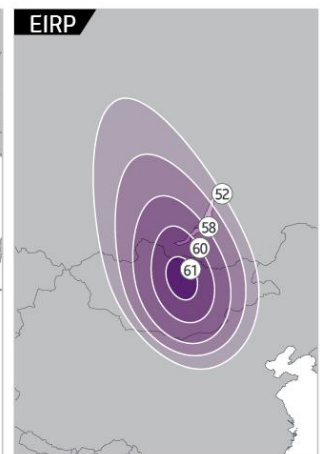
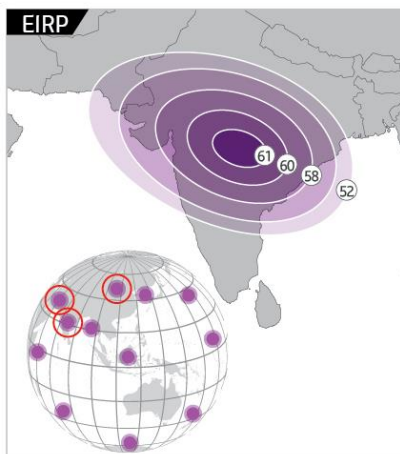
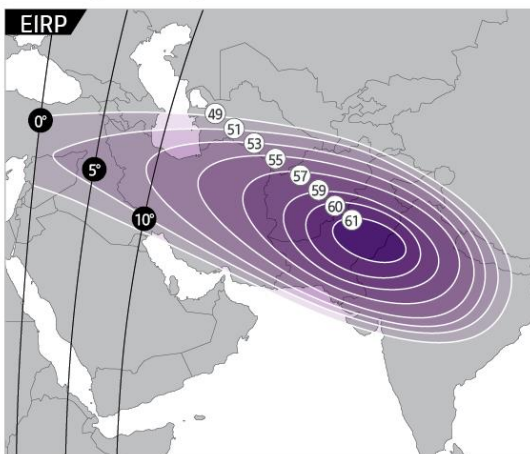
India Ku-band Beam

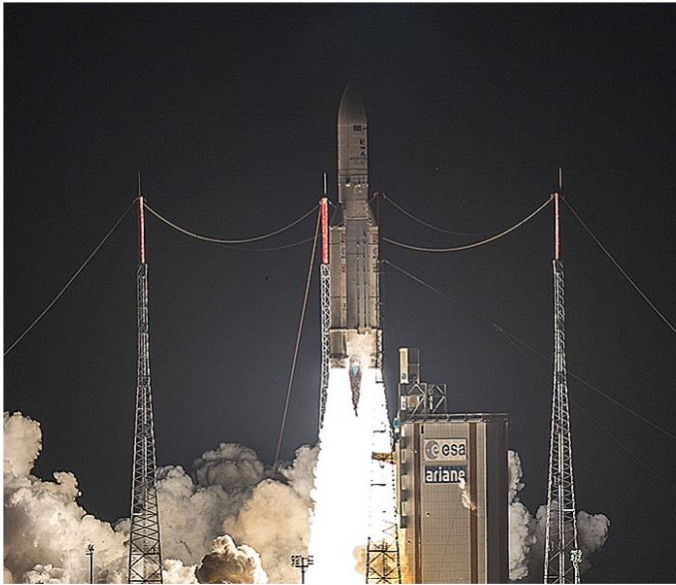


South East Asia Ku-band Beam



Steerable Ka-band Beam





KOREASAT 7

KOREASAT 7 has Ku-Band and Ka-Band transponders on the upgraded Spacebus 4000B2 platform from Thales Alenia Space. The Satellite offers payload power of about 7 kW. KOREASAT 7 is positioned at 116°E and was launched in 2017.

KOREASAT 7 is designed to provide improved throughput and wider coverage over Korea, Philippines, Indochina, India, and Indonesia with the added steerable Ka-Band capacity that can support further demand. KOREASAT 7 enables a full range of video and data applications such as DTH broadcast services, government communications and VSAT networks.

Specifications

| | |
|--|---|
| Number of Transponders | Ku-Band : 24x54MHz Ku-BSS : 6x27MHz Ka-Band |
| Uplink/Downlink Frequencies (GHz) | 14.0 - 14.5 / 12.25 - 12.75 17.85 - 18.1 / 11.95 - 12.2 27.0 - 31.0 / 18.1 - 21.2 |
| Polarization | Linear (Horizontal or Vertical) |
| Orbital Location (Longitude) | 116°E |
| Geographic coverage | Korea, Philippines, Indochina, India, Indonesia etc. |
| Launch Service Provider | Arianespace |
| Launch Date | 5 May 2017 |
| Spacecraft (Model) | Spacebus 4000B2 |
| Manufacturer | Thales Alenia Space |
| Lifetime | 15 years |