

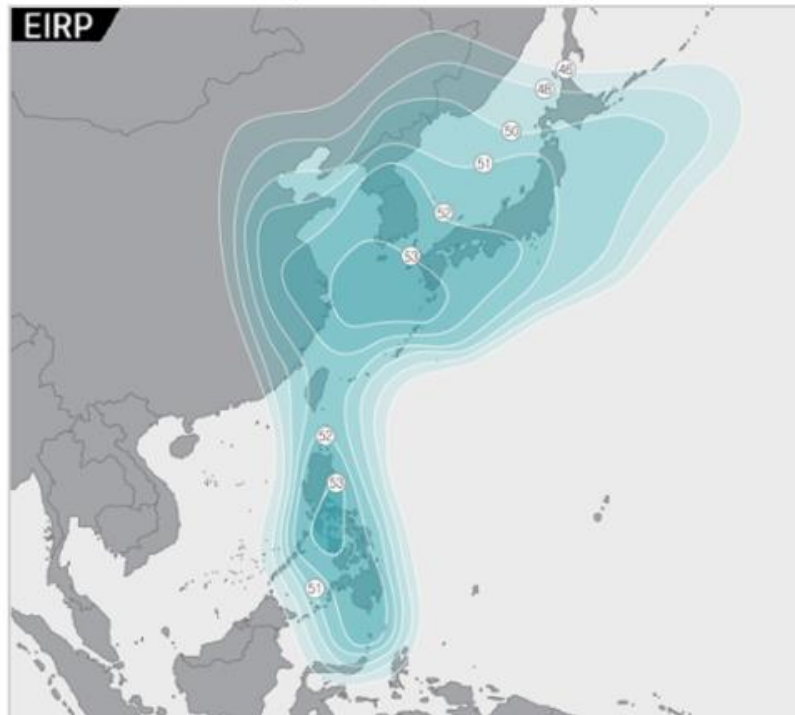
Satellite Fleet

KOREASAT-5

Orbital Location : 113° E
Launch Date : Aug 2006

Manufacturer : Tales Alenia Space
Launcher : Sea Launch

North East Asia Ku-band Beam





KOREASAT 5

KOREASAT 5 has 24 high power Ku-Band transponders and it is positioned at 113°E. The satellite was built by Alcatel Alenia Space. Its design is based on Spacebus 4000 series. It is a very stable and reliable space platform. Sea Launch SA has successfully launched KOREASAT 5 on August 22, 2006 by a Zenit 3SL rocket from the Odyssey platform floating on the equatorial Pacific Ocean at 154°W.

KOREASAT 5 provides communication services, including broadband Internet, telecom and broadcasting. It covers parts of China and the Philippines, and all of Korea and Japan.

Specifications

Number of Transponders	Ku-Band : 24x36MHz
Uplink/Downlink Frequencies(GHz)	14.0 - 14.5 / 12.25 - 12.75
Polarization	Linear(Horizontal or Vertical)
EIRP(Peak Value)(dBW)	54
G/T(dB/K)	6 - 9
Orbital Location(Longitude)	113° E
Geographic Coverage	Korea, Japan, Philippines, Taiwan, East China
Launch Service Provider	Sea Launch
Launch Date	22 Aug 2006
Spacecraft(Model)	Spacebus 4000C1
Manufacturer	Thales Alenia Space(ALCATEL)
Lifetime	15 years