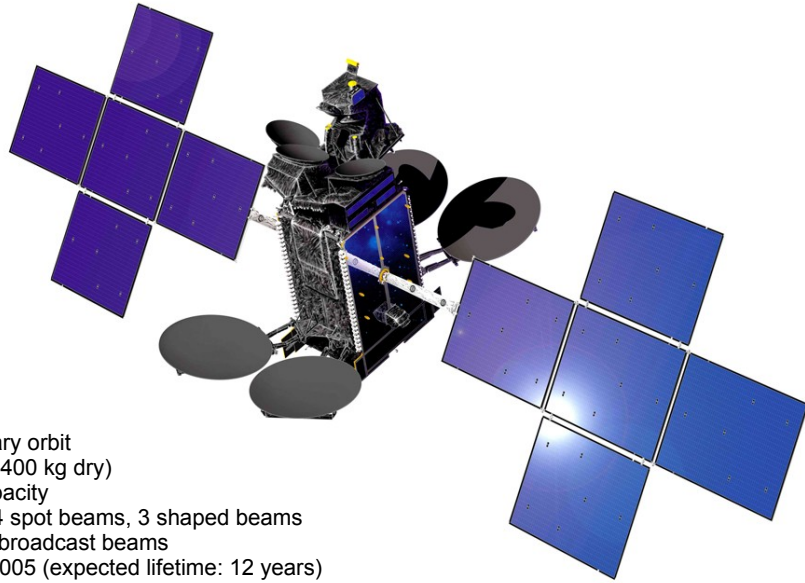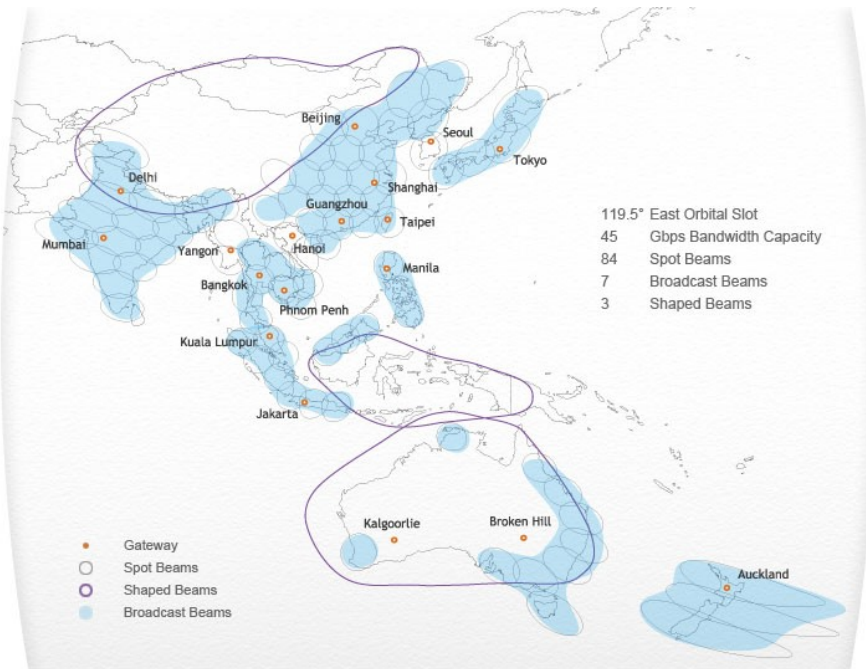# IPSTAR (ThaiCom-4)

Geostationary orbit
6,500 kg (3,400 kg dry)
45 Gb/s capacity
Ku-band: 84 spot beams, 3 shaped beams
Ka-band: 7 broadcast beams
Launched 2005 (expected lifetime: 12 years)

36,000 km

119.5° East Orbital Slot	
45	Gbps Bandwidth Capacity
84	Spot Beams
7	Broadcast Beams
3	Shaped Beams

Gateway
Spot Beams
Shaped Beams
Broadcast Beams

Beijing
Seoul
Tokyo
Delhi
Shanghai
Guangzhou
Taipei
Mumbai
Yangon
Hanoi
Manila
Bangkok
Phnom Penh
Kuala Lumpur
Jakarta
Kalgoorlie
Broken Hill
Auckland