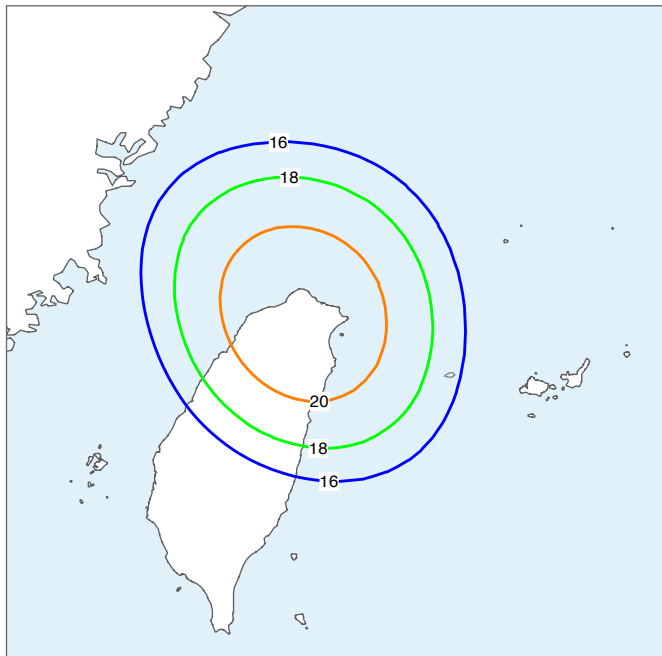
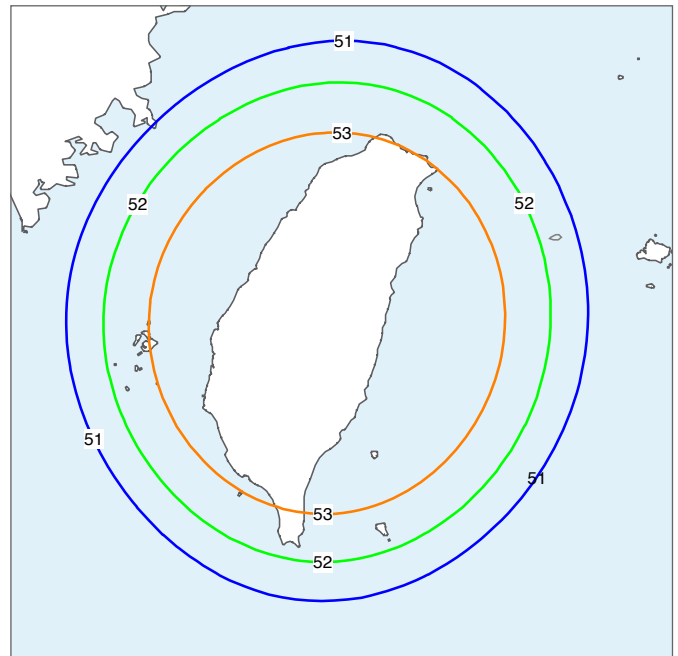


# Taiwan Broadcast Beam



Uplink Contour



Downlink Contour

Geographic Coverage	Taiwan
Frequency Range	Uplink (H): 28.350 - 28.600 GHz
	Downlink (V): 10.950 - 11.200 GHz
Transponder Bandwidth	250 MHz
EIRP at operation back-off -6 dB (at peak) per 250 MHz	54.7 dBW
G/T at peak	21.4 dB/K
Equivalent Capacity*	DVB-S1: 192 Mbps
	DVB-S2: 208 Mbps

### Thaicom-4 (IPSTAR) Broadcast Solutions

- Direct to Home (DTH) Service
- High Definition TV (HDTV)
- Backhaul and Backup Link for TV/Cable Operator

\*Equivalent Capacity is calculated based on

- DVB technology
- Modulation Code: QPSK 1/2
- 7.6m Ku-band Uplink Antenna



#### Thaicom-4 (IPSTAR) Description

Orbital Location	119.5° East
Launch Date	11 August 2005
Life Expectancy	At least 12 Years

[www.ipstar.com](http://www.ipstar.com)