



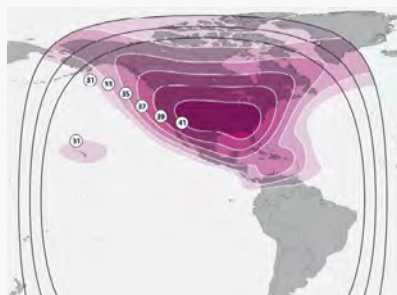
## SES-11, SES-3 & SES-1

**105°W, 103°W & 101°W (Center Arc)**

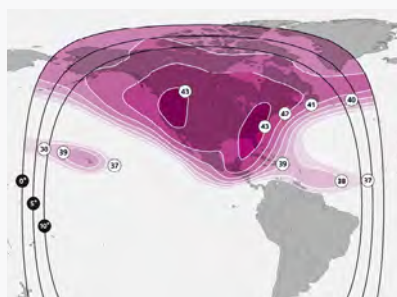
Coverage area: North America

### FOOTPRINTS

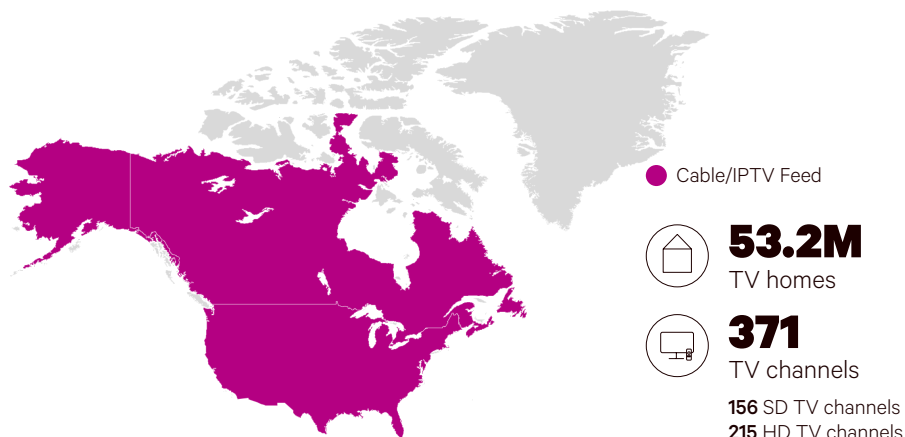
#### SES-3 & SES-1



#### SES-11



### Key Markets & Customers



### POSITIONING

- Reaches 100% of cable homes in North America.
- America's leading cable neighborhood for HDTV.
- SES-11 refreshed the fleet in Q4 17, providing coverage over North America including Hawaii, Mexico and the Caribbean.

### KEY BENEFITS

- The Center Arc hosts key national television networks.
- Most flexible and secure HDTV distribution network available- On-board redundancy and in-orbit protection enable service continuity.
- Hosts the only UHD neighborhood in North America (SES operates a UHD multiplex).



Source: Satellite Monitors YE2021, Lyngsat Q4 2022



Learn more about SES's full portfolio of services and solutions at [ses.com](https://ses.com)

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### FOOTPRINTS

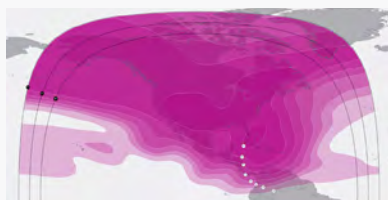
#### SES-18



#### SES-19



#### SES-20



#### SES-21



#### SES-22 North America

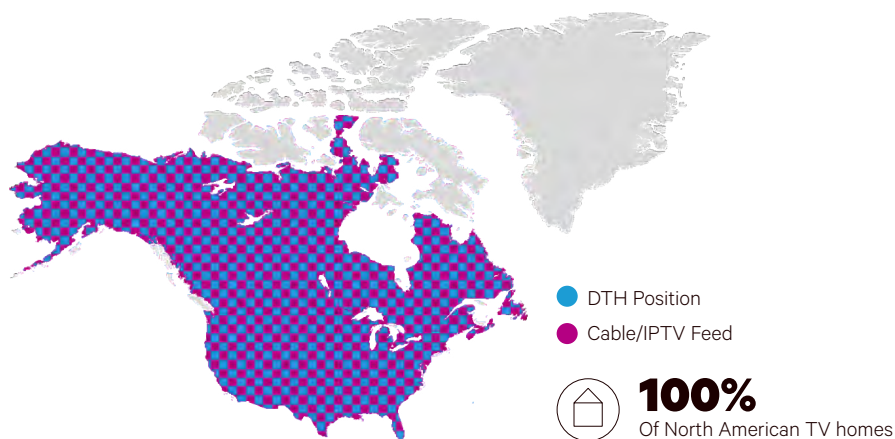


## SES-18, SES-19, SES-20, SES-21, & SES-22

**103°W, 131°W, & 135°W**

Coverage area: North America

### Key Markets & Customers



### POSITIONING

- Comply with FCC mandated C-band transition clearing spectrum for 5G in Contiguous USA.
- Ensure continuity of C-band signal for minimum 15 years.

### KEY BENEFITS

- Ensure seamless continuation of broadcast delivery of digital television to US audiences, as well as critical data services.
- Reach households across all North America.
- SES-21 and SES-22 both operational as of 2022, replacing AMC 11 and AMC 8 respectively.
- SES-18, SES-19, & SES-20 to begin operations during 2023, well in advance of the FCC's December 5, 2023 deadline.
- SES-23 is a ground-based spare to maximize the service's resilience.