With both ground-to-satellite and satellite-to-satellite communications we’re able to provide truly global coverage.
PEOPLE USING STARLINK IN INTERESTING WAYS - EPIC AND EVERYDAY.
SpaceX is leveraging its experience in building rockets and spacecraft to deploy its direct to cell service and provide ubiquitous coverage from space.
STARLINK DIRECT TO CELL

• Covering a range of frequencies to close mobile dead zones
• Extending coverage when terrestrial networks are unavailable
• No changes to device hardware or firmware required
• Partnerships announced in 7 countries
December 2023
Vehicle integration
(First six satellites)

January 2
First launch of direct to cell satellites

January 8 2024
Successful text exchange over satellites in the US

April 6 & May 10 & 14 2024
Launch of direct to cell satellites
38 satellites currently enabled
DIRECT TO CELL NETWORK ARCHITECTURE
APPROACHES TO DIRECT TO CELL

• In March 2023, the US FCC announced its supplemental coverage from space draft framework - a flexible spectrum access framework to enable satellite direct to cell services using terrestrial spectrum

• These services are commonly called “supplemental coverage from space” “direct to device,” “direct to cell,” “satellite direct to mobile,” “D2C”

• The ECC, Australia, Brazil, and others are developing unique regulatory approaches to enable D2C

• WRC-27 will consider global harmonization to support direct to cell technologies in a number of spectrum bands
LOOKING AHEAD

- Existing regulatory frameworks can be considered for direct to cell
- Forward looking approaches will enable rapid deployment of this important service
- European harmonization should allow for flexibility at the national level, given unique market conditions