

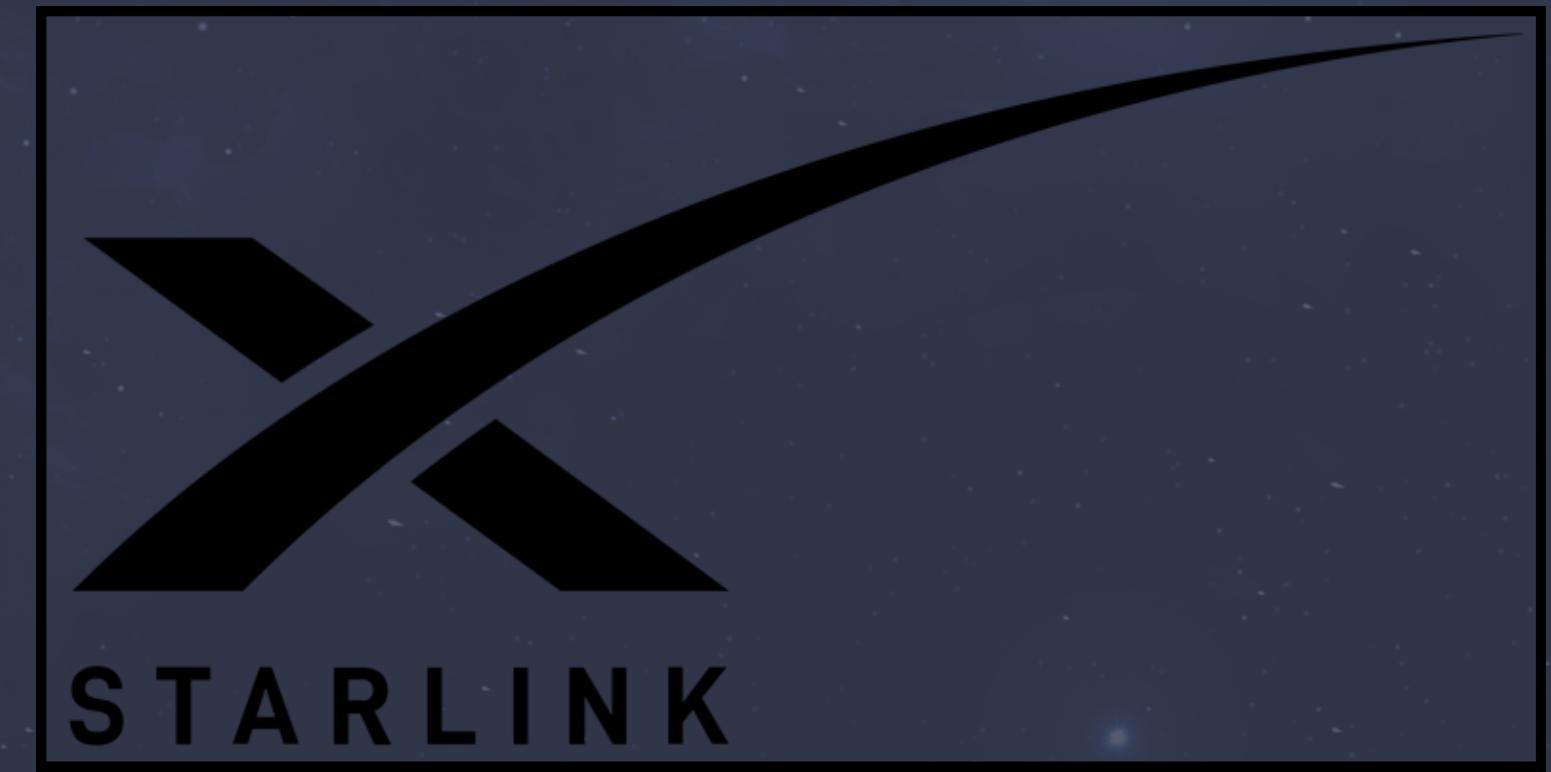
STARLINK

A photograph of a Starlink satellite in low Earth orbit. The satellite is white with two large blue solar panel arrays deployed. The word "VAST" is visible on the side of the central body. The background shows the Earth's atmosphere as a thin blue line and the dark void of space.

Author: 3rd year undergrad
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WHAT IS STARLINK?

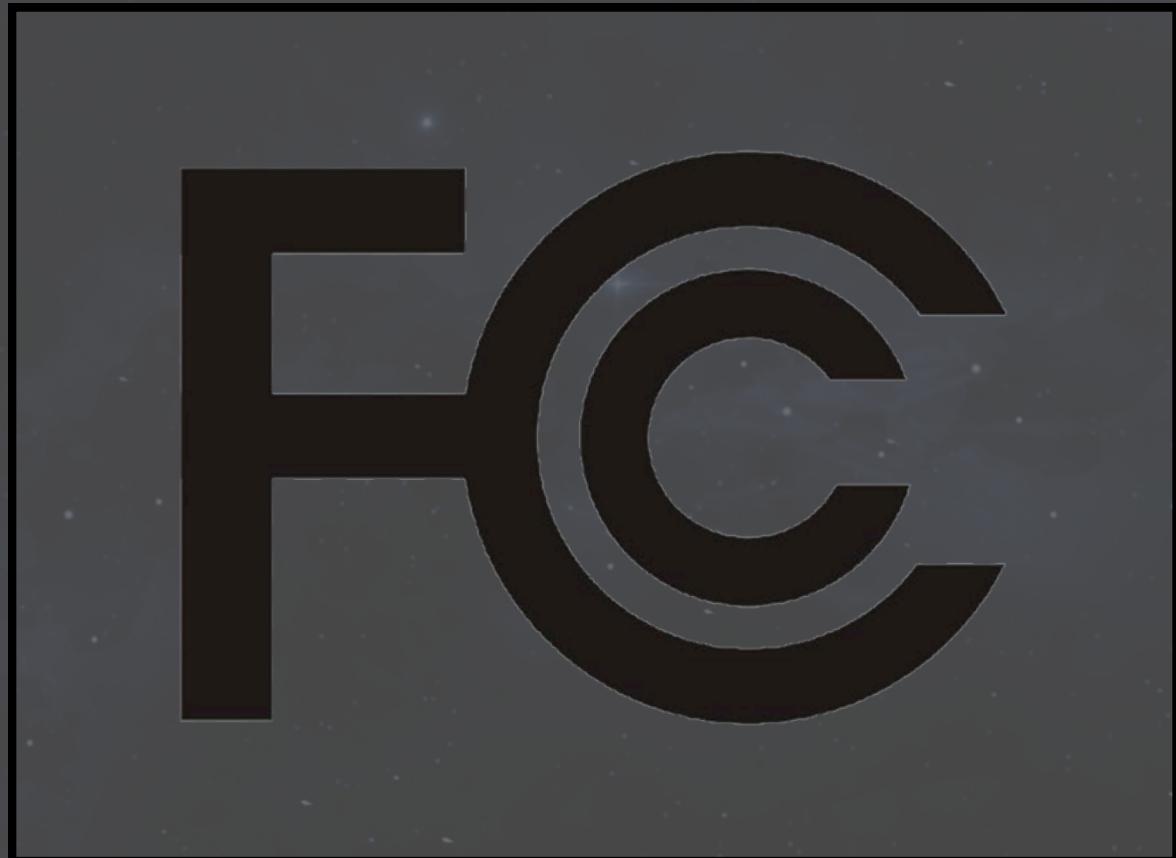


HISTORY

of company



The SpaceX satellite development facility,
Redmond



Federal Communications Commission logo



Falcon 9 lifts off from Cape Canaveral Air Force Station (CCAFS), Florida, delivering 60 Starlink satellites to orbit

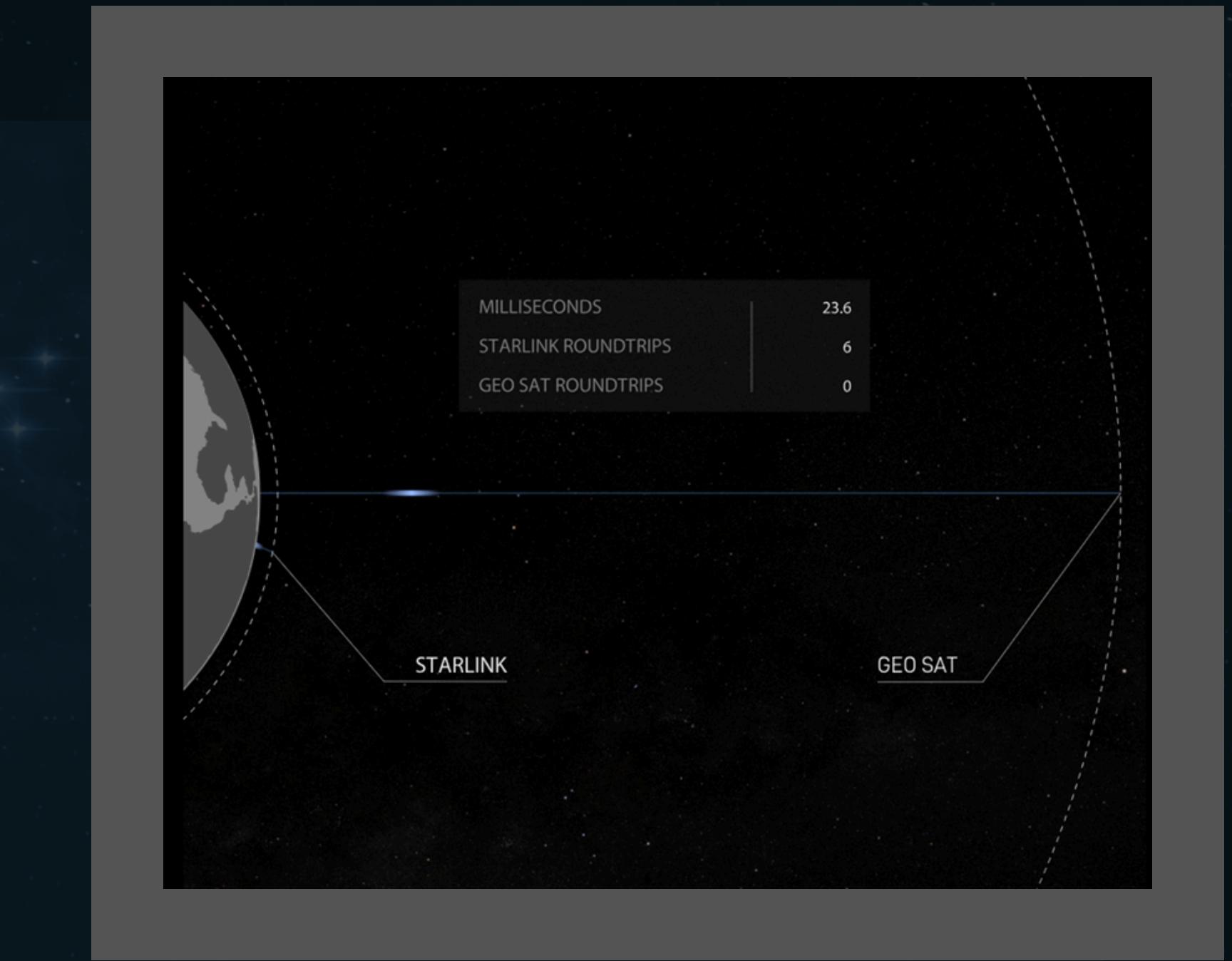


Early Starlink user terminal with dish, as shipped in early 2021

HOW?



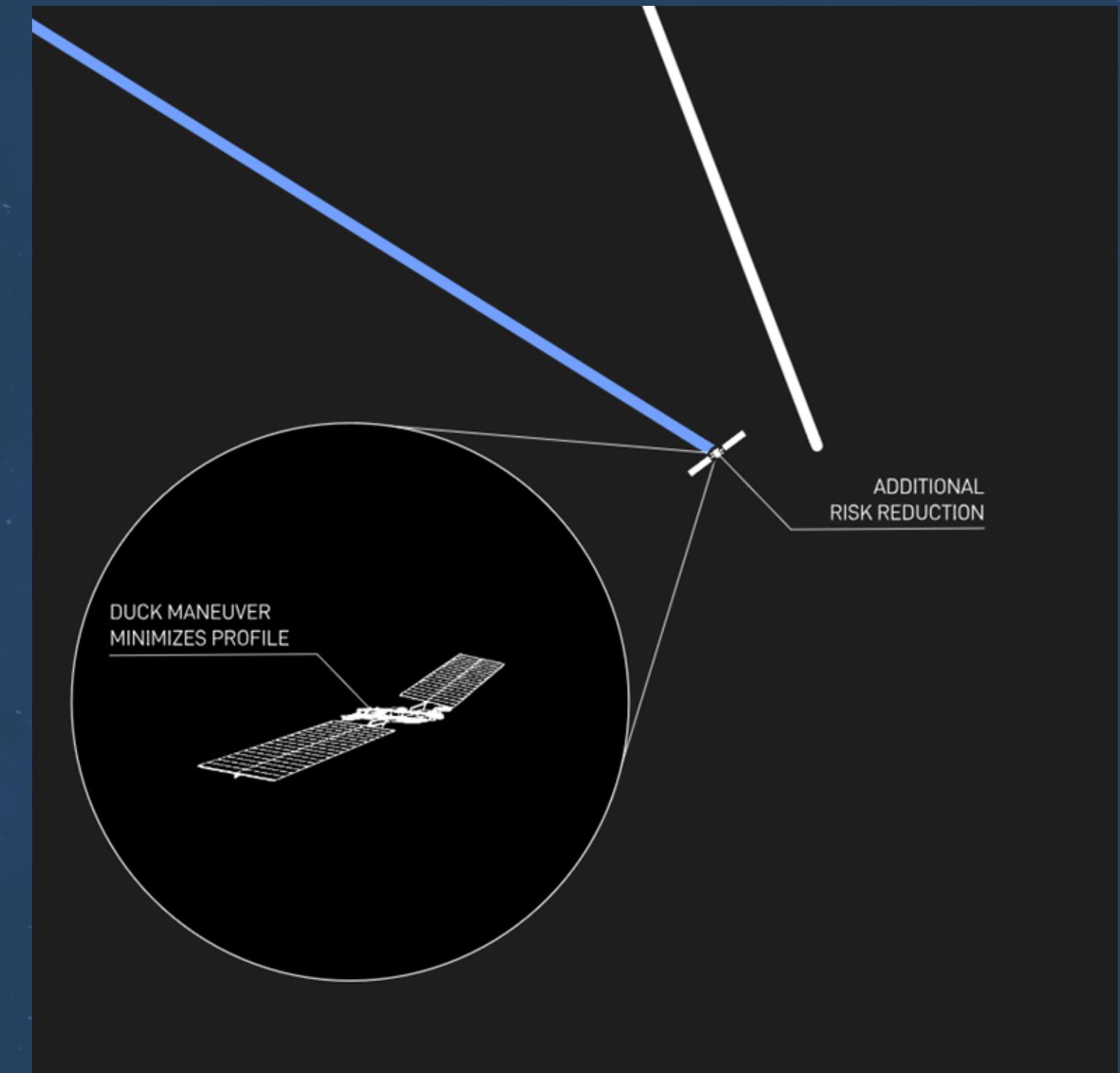
Starlink dish on the sidewalk of a residential home



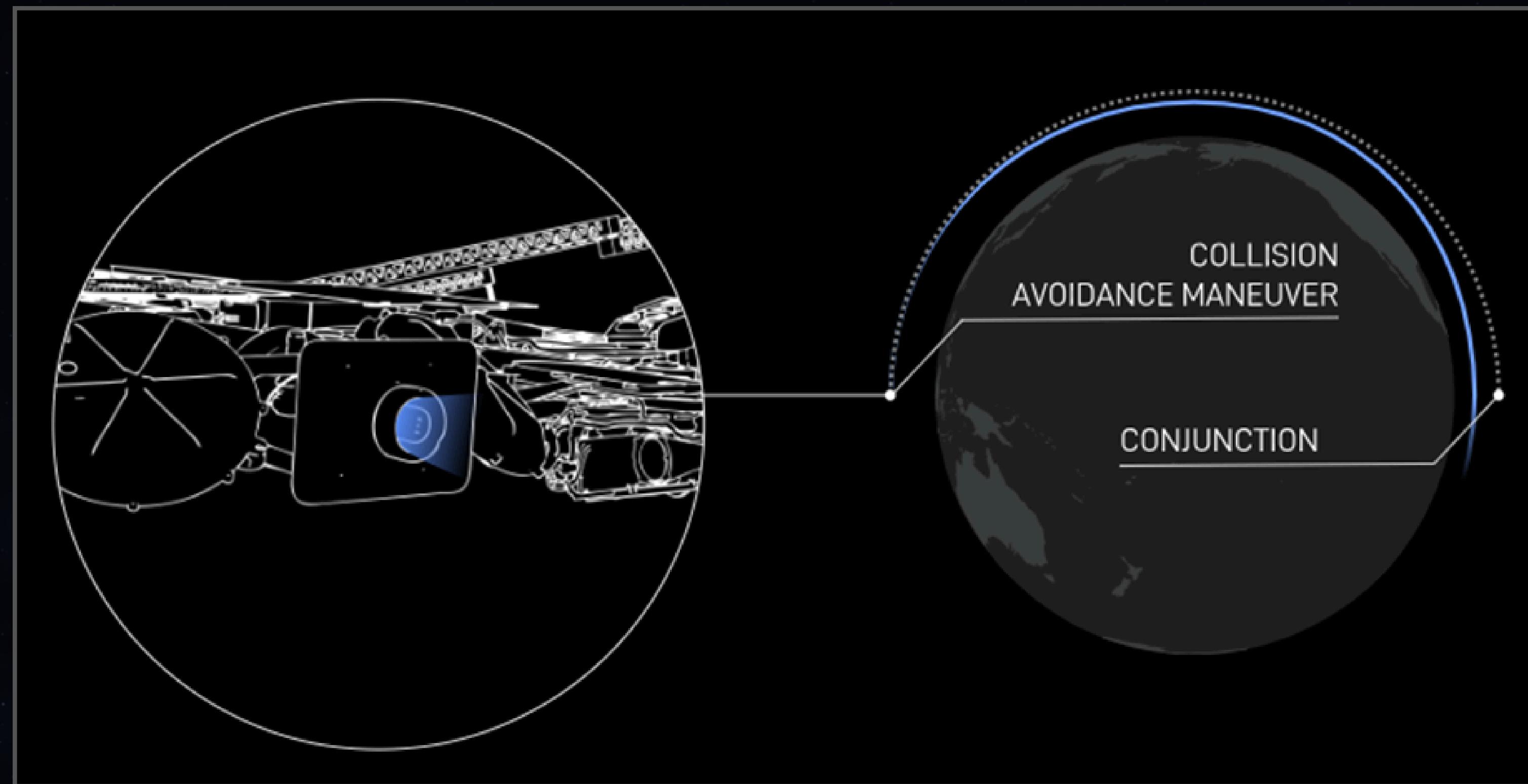
Simulation of connection speeds for Starlink and GeoSat



Identification of conjunction



Profile minimization



Collision avoidance maneuver

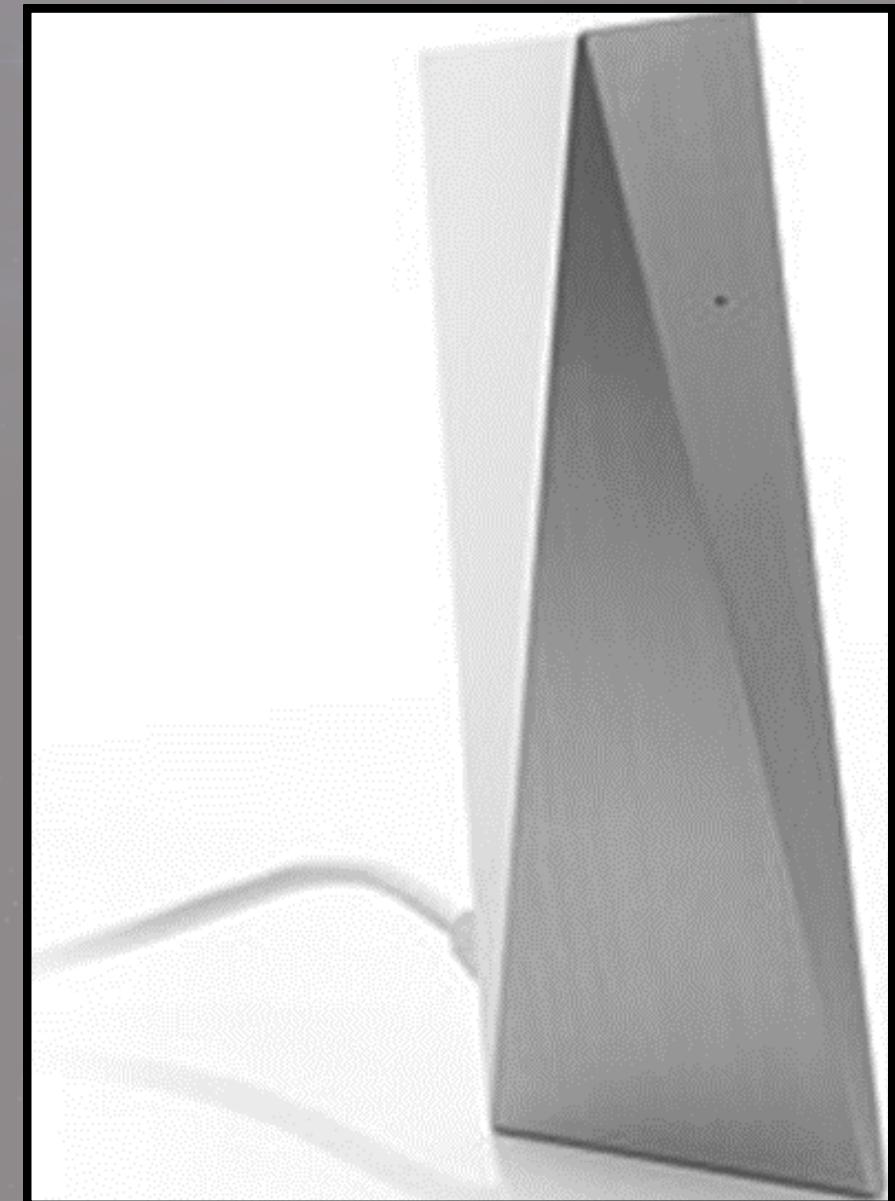
Usage



Pole mount



Starlink antenna dish (user terminal),
assembled, 2021



Starlink WiFi Router



Elon Musk and (now retired)
four-star general Terrence J.
O'Shaughnessy

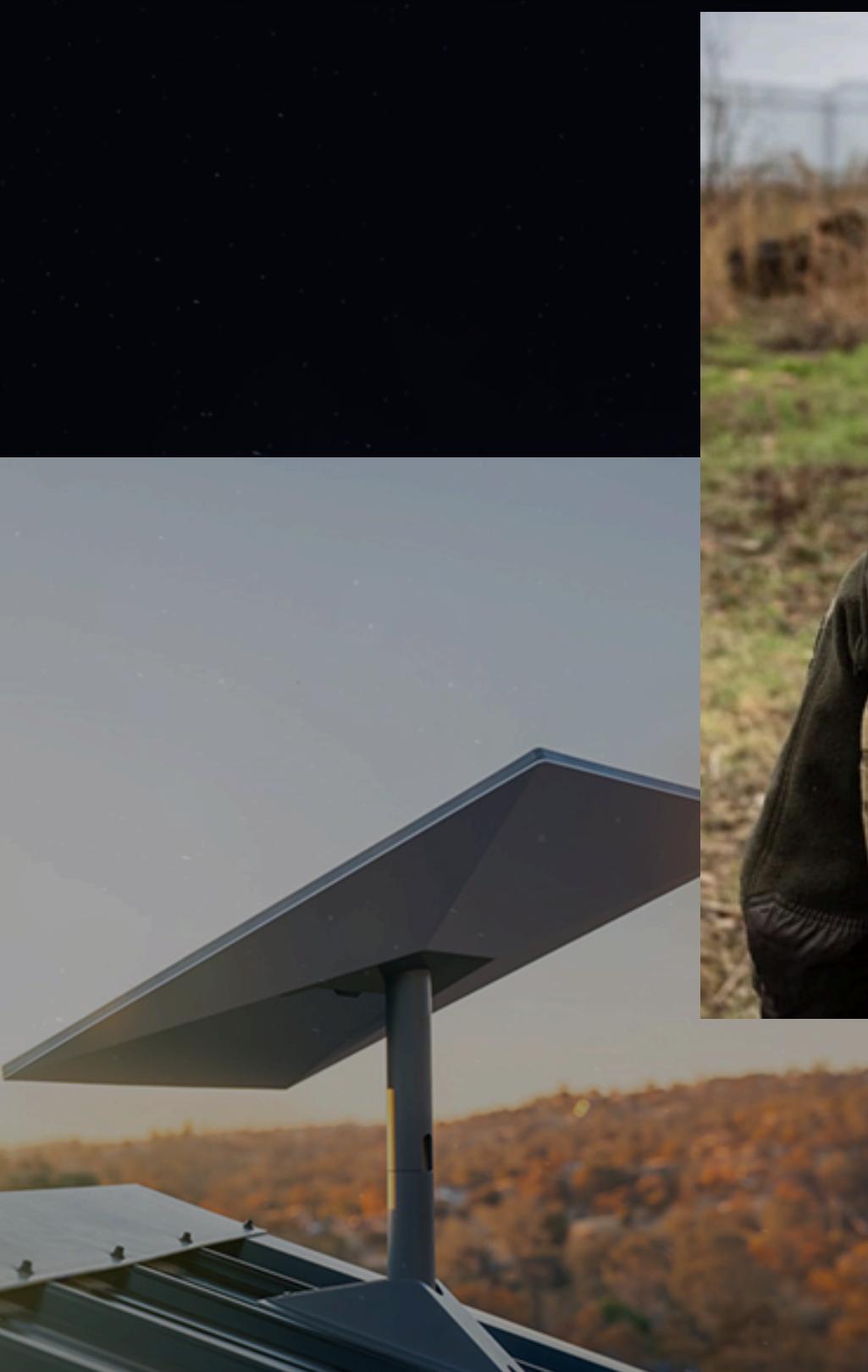


Vitali Klitschko, Mayor of Kyiv,
and his brother Vladimir
Klitschko with Starlink terminals
shipped to Kyiv



Ukrainian soldier installing Starlink terminal

CONCLUSION



THANK YOU FOR THE ATTENTION !