

**STATEMENT OF
CHAIRWOMAN JESSICA ROSENWORCEL**

Re: *Allowing Expanded Flexibility and Opportunities for Radar Operation in the 57-64 GHz band,*
ET Docket No. 21-264, Report and Order

Welcome to the radar revolution. It is no longer just for tracking planes and measuring weather patterns. That's because we are on the cusp of deploying radar technology for a much wider range of uses. So get ready. Because what comes next is exciting. The odds are good we will see this technology used for real-time traffic management that can reduce congestion and increase safety for the vehicles, cyclists, and pedestrians who share our roads. We also may see this technology used to make our devices more accessible through gesture controls, which could be a gamechanger for those with limited mobility. Thanks to early waivers from this agency, it has already been used to monitor for children left in hot cars, triggering alerts that can save their lives. And we are seeing the development of radar-based breathing systems that help keep a safe watch over premature infants in neonatal intensive care units.

All of this is possible—and our work here today is a big reason why. In this decision, we are updating our approach to the 60 GHz band. We are modernizing it so that it can be used to its full potential. That means expanding mobile operations for radar technology, increasing where and how it can be used. So get ready to see new augmented reality and virtual reality applications and a whole lot of other high-speed, data-intensive innovative activities in this band.

You don't get this far this fast in a revolution without a dynamic squad. This effort to update the 60 GHz band benefited immeasurably from a broad group of stakeholders, including unlicensed actors, drone operators, robotics interests, and automotive companies who worked together to find a path forward. I want to thank them for their collaboration.

I also want to thank the team at the agency who helped make this creative approach to the band a reality: Damian Ariza, Bahman Badipour, David Duarte, Michael Ha, Kevin Holmes, Steve Jones, Ira Keltz, Nicholas Oros, Siobahn Philemon, Jamison Prime, Ronald Repasi, Thomas Struble, Hugh VanTuyl, and Anh Wride from the Office of Engineering and Technology; Kari Hicks, Ethan Jeans, John Lockwood, and Joel Taubenblatt from the Wireless Telecommunications Bureau; Patrick Brogan, Giulia McHenry, Michelle Schaefer, Donald Stockdale, Patrick Sun, Emily Talaga, and Aleks Yankelevich from the Office of Economics and Analytics; Deborah Broderson, David Horowitz, Bill Richardson, and Chin Yoo from the Office of General Counsel; Michael Gussow and Joy Ragsdale from the Office of Communications Business Opportunities; Jeremy Marcus, Ryan McDonald, and Victoria Randazzo from the Enforcement Bureau; and Ethan Lucarelli from the Office of International Affairs.