



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF THE
CHAIRWOMAN

March 22, 2023

The Honorable Cynthia M. Lummis
United States Senate
124 Russell Senate Office Building
Washington, DC 20510

Dear Senator Lummis:

Thank you for your letter dated February 13, 2023, urging the Federal Communications Commission to take swift action on pending waiver requests to enable deployment of Cellular Vehicle-to-Everything (C-V2X) technology in the 5.9 GHz band. I agree that we need to support automobile safety in the United States. I also believe that our spectrum policies supporting safety must be current. The Commission's 5.9 GHz proceeding demonstrates that by allowing spectrum uses to evolve so we can advance newer automobile safety technologies and grow our wireless economy.

In the 5.9 GHz *Report and Order*, the FCC dedicated 30 megahertz of spectrum for vital Intelligent Transportation System (ITS) operations and required the ITS service to use updated C-V2X-based technology at the end of a transition period. Some automotive, technology, and telecommunications companies requested that we permit C-V2X operations in the band as soon as possible, and in the *Report and Order* we made clear that we would permit existing and future ITS licensees to operate C-V2X by obtaining a waiver of the Commission's rules, subject to conditions to protect existing Dedicated Short-Range Communications-based operations. The Commission has since received 19 waiver requests covering 32 entities.

The Commission remains committed to enabling early C-V2X deployments via waiver and has taken the necessary steps to do so. However, because there are federal radar installations operated by the Department of Defense in the 5.9 GHz band, the Commission is required to coordinate any C-V2X waivers with the National Telecommunications and Information Administration (NTIA) pursuant to the Memorandum of Understanding between the agencies.

The Commission shared a draft waiver order with NTIA on January 18, 2023. We understand that NTIA is working with the Department of Defense to address any concerns regarding interference from C-V2X operations to federal radar installations, especially those that may be located near highways. We are awaiting conclusion of that process. Once an initial waiver order has been coordinated, we hope to move expeditiously to address the remaining waiver applications as well.

I appreciate your interest in this matter. Please be assured that I have directed my staff to contact your office as soon as this matter is resolved. In the meantime, feel free to let me know if I can be of any further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Jessica Rosenworcel", with a long horizontal flourish extending to the right.

Jessica Rosenworcel



FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON

OFFICE OF THE
CHAIRWOMAN

March 22, 2023

The Honorable Gary Peters
United States Senate
724 Hart Senate Office Building
Washington, DC 20510

Dear Senator Peters:

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