

Congress of the United States

Washington, DC 20510

March 28, 2023

The Honorable Jessica Rosenworcel
Chairwomen
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Dear Chairwomen Rosenworcel:

I am writing to relay the well-founded concerns of my constituents in Wyandotte, Michigan. T-Mobile has recently begun the construction of a 5G cell phone tower situated above the playground area of Washington Elementary School, causing a great deal of concern and apprehension for parents. Many of the parents have specifically voiced their concerns regarding the impacts of radiofrequency radiation (RF) on their children, faculty, and staff. To this end, more than 1,500 individuals have signed a petition demanding for the swift removal of the tower. The parents have repeatedly stated that they are not opposed to 5G Technology, but there is no doubt that the placement of a cell phone tower near a children's schoolyard is precarious.

Furthermore, the Federal Communications Commission (FCC) has sustained a twenty-six-year-old precedent in maintaining radiofrequency exposure limits, which have not been updated since 1996. We have made significant technological advancements since, particularly in the realms of telecommunications and other wireless-related technologies. As a result, the FCC should reconsider the exposure limits currently in place. Moreover, the [U.S. Government Accountability Office](#) previously stated that the FCC's exposure limit might not reflect the latest research as international organizations have updated their exposure limit recommendations which countries in the European Union (EU) have implemented. Similarly, the [U.S. Court of Appeals for the District of Columbia](#) judged in favor of environmental health groups and petitioners on August 13, 2021, citing the current limits as "arbitrary and capricious."

Research, specifically the impacts of [RF on children](#), warrants increased attention from government agencies and academia. Although, the prevailing theory is that the effects of RF exposure produce minimal defects, it remains inconclusive. The current research should be interpreted cautiously as studies and methods must be improved immensely to reach a consensus. Thus, placing cell phone towers on school grounds should be reviewed by the agency and external partners.

Lastly, the voices of my constituents and their children are profoundly important to me. The FCC must become more responsive to the needs of our citizens and devise ways to increase trust among the American public. I implore the FCC to revise the RF limits, collaborate with

leading researchers and academic institutions, and promulgate essential research findings to the American public.

Thank you for considering this important matter.

Sincerely,

A handwritten signature in blue ink, reading "Shri Thanedar". The signature is fluid and cursive, with the first name "Shri" and last name "Thanedar" clearly distinguishable.

Shri Thanedar, Ph.D.
Member of Congress