

A Restored Spectrum Pipeline for U.S. Wireless Leadership



“[The OBBBA] is serious power for American Leadership on 6G. We will have the World’s Greatest Networks, and ensure the Highest Level of National Security for future Generations of Americans.”

— President Donald Trump



“Restoring U.S. leadership in wireless is key to the nation’s economic and national security interests. And the One Big Beautiful Bill...restores the FCC’s spectrum auction authority after it lapsed in 2023, and it does so by establishing a robust pipeline of spectrum for years to come. This will create jobs, encourage innovation, and expand high-speed connections to more Americans.”

— Brendan Carr
FCC Chairman

The One Big Beautiful Bill Act (OBBBA)—signed into law by President Trump in July 2025—will fuel America’s wireless networks with a robust 800-megahertz pipeline of mid-band spectrum to meet ever-growing data demands and restore America’s leadership in 5G and beyond.

It’s Time to Auction Again!

The OBBBA takes two key steps to supply wireless networks with additional licensed, full-power spectrum. First, it restores the FCC’s auction authority until September 2034. Second, it establishes a robust pipeline of auctions, providing a timeline over which 800 megahertz of spectrum will be repurposed for licensed commercial use.

It is critical now that the FCC and NTIA move swiftly to implement Congress’s spectrum pipeline directive, including making available:

- At least **500 megahertz** of mid-band spectrum (1.3-10.5 GHz) currently held by federal users to be repurposed for full-power mobile use. NTIA must identify at least 200 megahertz of this spectrum by 2027 and the remainder by 2029.
- At least **300 megahertz**, from non-federal holdings, including at least 100 megahertz from the Upper C-band (3.98-4.2 GHz), which must be auctioned by 2027.

The One Big Beautiful Bill Act Has Primed the Pump for Continued Wireless Innovation

The OBBBA comes at a crucial time for our nation. Without additional licensed, full-power spectrum, wireless networks will be unable to meet nearly a quarter of peak traffic demand in a few years. An inability to support growing consumer and enterprise demands will slow innovation and stifle the ability to support U.S.-led AI growth, risking more than \$1.4 trillion in lost GDP over the next decade.

With restoration of the FCC’s general auction authority, targeted tax incentives to accelerate private investment, and a pathway to 800 megahertz of airwaves for auction on a clear timeline, OBBBA will help secure U.S. leadership in wireless.