

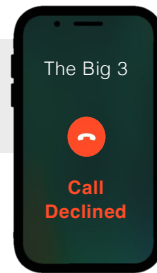
# SHARED LICENSED + UNLICENSED SPECTRUM

*Better for Consumers, Competition, National Security*

Policymakers have a clear choice: ignore clear risks to national security and force spectrum rules biased in favor of the Big 3 cellular giants, or choose proven shared-licensed and unlicensed spectrum technologies that promote competition, reflect consumer demand, and effectively balance critical national security needs with commercial use of this scarce public resource.

A Congressional mandate for “full power” exclusive-licensed spectrum would put a government finger on the scale for three giant companies at the expense of consumers and competition. **It’s time for US spectrum allocations to reflect how Americans use spectrum.** Wi-Fi has long been the workhorse of US connectivity and when it is coupled with shared spectrum, these technologies generate more innovation, competition, and opportunity for American families and businesses.

## 3 Reasons to Decline the Big 3’s Calls for More Spectrum



### 1 They say they don’t need it.

The Big 3 mobile carriers are talking out of both sides of their mouths. They weave a tale of spectrum desperation in DC, but when they talk to Wall Street—where they are subject to securities laws requiring them to tell the full truth—they tell a very different story:

“Do we have the best spectrum position in the market? We do... we have almost unlimited spectrum.”

Sowmyanarayan Sampath  
Verizon Consumer Group CEO  
May 2024

“We’ve got tons of capacity that we have not yet rolled out...”

Mike Sievert  
T-Mobile CEO  
2Q 2023

“We have quite a lot left of spectrum... We bought spectrum for decades...”

Hans Vestberg  
Verizon CEO  
April 2024

### 2 You can’t beat China by giving China control.

The Big 3 want America to adopt China’s 5G playbook... and China couldn’t be happier. Here’s the real story: China’s 5G model is a smokescreen for perpetuating command and control spyware in network equipment. To beat China, the US should double down on our global leadership in shared and unlicensed spectrum innovation – not follow China’s lead.

### 3 More spectrum will not connect rural dead zones.

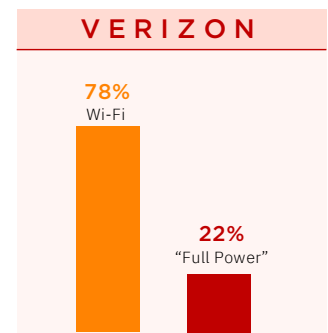
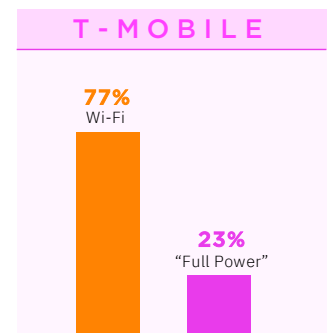
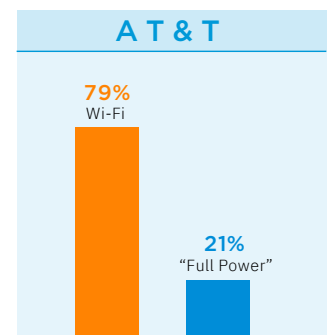
*Rural coverage gaps are a buildout problem, not a spectrum problem.*

Mobile dead zones have just one cause: **The Big 3’s failure to spend the money to put the necessary equipment in the areas that need it most.** Rural dead zones will continue until the Big 3 finally invest to densify their networks, which would instantly generate new capacity. What’s more, carriers could affordably triple their spectrum efficiency through innovation alone— without needing any additional bandwidth allocations – according to their own equipment suppliers, Ericsson and Nokia.

### DID YOU KNOW...

**5G deployments** can be **10X LESS EXPENSIVE** when operators combine Wi-Fi and cellular.

**Most mobile traffic is carried over WiFi...** even for the Big 3!



Sources: #20yearsofwifi with Broadcom; OpenSignal per MoffettNathanson “It’s Time to Take Cable’s Wireless Business Seriously,” by Light Reading, 01/04/2023. Please Note: Figures based on data as of 2022. Since that time, we understand the carriage of mobile data over Wi-Fi has only increased.