

**STATEMENT OF
CHAIRMAN JULIUS GENACHOWSKI**

Re: In the Matter of Amendment of Part 101 of the Commission's Rules to Facilitate the Use of Microwave for Wireless Backhaul and Other Uses and to Provide Additional Flexibility to Broadcast Auxiliary Service and Operational Fixed Microwave Licensees, WT Docket 10-153, Request for Interpretation of Section 101.141(a)(3) of the Commission's Rules Filed by Alcatel-Lucent, Inc., et al., WT Docket 09-106, Petition for Declaratory Ruling Filed by Wireless Strategies, Inc., WT Docket 07-121, Request for Temporary Waiver of Section 101.141(a)(3) of the Commission's Rules Filed by Fixed Wireless Communications Coalition.

Today we implement another important recommendation of the National Broadband Plan. Some of the most important recommendations of the National Broadband Plan fall under the heading of spectrum. Unleashing spectrum for mobile broadband is critical for investment, innovation and U.S. global competitiveness. So I'm very pleased that the Plan's recommendations in this area have received broad support—including bipartisan legislation and the President's recent Executive Memorandum on Spectrum.

Today, we launch an effort to ensure that sufficient microwave spectrum is available to meet the current and future demands for wireless backhaul. This item brings together three key themes of the National Broadband Plan: unleashing spectrum; removing outdated regulatory barriers; and seizing the opportunities of broadband for rural America.

Microwave communications has become, in a growing number of situations, a viable option for backhaul of mobile broadband traffic. As broadband providers accelerate deployment of next-generation networks, they will require backhaul that can carry what will be an exponential growth in mobile data traffic. If that capacity is unduly restrained, it will hamper our ability to take full advantage of emerging communications technologies and undermine our ability to lead the world in mobile.

Today's item takes a fresh look at our rules governing the use of certain microwave bands. Specifically, we propose increasing the flexibility, capacity, and cost-effectiveness of prime microwave bands, while protecting incumbent licensees in these bands. The increased flexibility proposed in the item will also make more frequencies available for fixed broadcast studio links.

Flexible rules can greatly increase our efficient use of microwave spectrum. With spectrum sharing, we have the opportunity to make 750 MHz of microwave spectrum newly available for broadband backhaul or other advanced point-to-point uses. Removing outdated regulatory barriers to keep pace with the rapid changes in technology will help reduce some of the costs of 4G deployment and increase investment in new 4G services that enhance economic growth and U.S. competitiveness.

These changes in our microwave rules can have a particularly positive impact on rural America. Microwave backhaul may be the only practical solution available to reach 4G cell sites in very remote rural areas.

This item recommends concrete steps to facilitate deployment of mobile services on which all Americans – regardless of geography – increasingly depend to communicate for work, with family, and for personal safety.

Thank you to the staff for taking a close look at the ways in which we can increase spectrum flexibility and improve spectrum efficiency.