

Consumer
Technology
Association™



Policy & Regulatory Affairs Update

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State of U.S. Spectrum Policy

Good spectrum policy

creates jobs, spurs innovation and grows GDP.

vs.

Bad spectrum policy

places U.S. companies, federal agencies and American consumers at a disadvantage in a world where every country is competing to offer better technology and services.

Improving U.S. Spectrum Coordination

- Reforming our nation's spectrum policy starts with the agencies responsible for overseeing the management of spectrum – the FCC and the National Telecommunications and Information Administration (NTIA).
- Spectrum management decisions need to be promptly determined by the FCC and NTIA, with input from other government agencies.
- Congress can also help by ensuring that the FCC and NTIA have the technical and engineering resources they need, as well as exercising its oversight function over federal agencies.

FCC Notice of Inquiry on Promoting Receiver Performance

- On April 21, 2022, the FCC launched a Notice of Inquiry to explore receiver performance standards.
- Since the early 2000s, various agencies, committees, and others have explored the issue of receiver performance standards, particularly as the FCC has sought to use previously allocated and used spectrum for a wider variety of uses.
- CTA believes regulation often fails to keep up with ever-evolving technology vs. self-regulation which is nimble, and can be more easily updated to address changes in the marketplace and technology.

Key Questions from the FCC's 2022 NOI

- How can the FCC and industry better understand the RF environment with respect to various services?
- What are the range of options for addressing receiver performance issues?
- What technical parameters need to be considered when addressing receiver performance (e.g., selectivity, sensitivity, dynamic range, automatic RF gain control, shielding, modulation method, signal processing)?
- How can the FCC best clarify expectations for the performance of all radio equipment – both transmitters and receivers – in a changing RF environment?

Questions?

J. David Grossman
Vice President, Regulatory Affairs
Consumer Technology Association
dgrossman@CTA.tech