



PUBLIC NOTICE

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Office of Engineering and Technology, Wireless Telecommunications Bureau, and International Bureau Announce Workshop and Tech Demonstration on Spectrum Frontiers and Technological Developments in the Millimeter Wave Bands

The FCC's Office of Engineering and Technology, Wireless Telecommunications Bureau, and the International Bureau will host a workshop exploring the concepts raised in the Commission's *Spectrum Frontiers NPRM* and the state of technological developments in the millimeter wave (mmW) bands. In parallel to the workshop, OET, WTB, and IB will host equipment demonstrations illustrating some of the technologies enabling advanced wireless services in the mmW bands. The workshop and tech demonstration will be held on Thursday, March 10, 2016, from 9:00 AM to 5:00 PM in the Commission Meeting Room at FCC Headquarters in Washington, DC.

The Commission adopted its *Spectrum Frontiers NPRM* in October 2015, which proposed new rules for flexible use services, including mobile broadband, in frequencies above 24 GHz.¹ The use of mmW bands for mobile and other advanced wireless broadband services is generally considered a component of future 5G networks. This workshop will explore the technologies that are enabling mobile broadband services in the mmW bands, the spectrum requirements, opportunities and applications for new and incumbent service providers, the benefits to consumers, methods for creating a shared spectrum environment with incumbents, and other issues raised in the *Spectrum Frontiers NPRM*. The workshop will include perspectives from equipment manufacturers, licensees, wireless service providers, satellite service providers, and various other interested parties. A detailed agenda will be released prior to the workshop.

Attendance. This workshop is open to the public. Due to high number of anticipated attendees and security check-in procedures, all attendees are advised to arrive at least 30 minutes prior to the session of interest. Attendees are not required to pre-register, but may submit their name and company affiliation ahead of time by sending an email to Cecilia Sulhoff (cecilia.sulhoff@fcc.gov) in order to expedite the check-in process.

Webcast. The FCC will webcast the workshop on the FCC webpage. To view the webcast, go to the FCC web page at www.fcc.gov/live. Viewers will be able to submit questions during the workshop by e-mail to livequestions@fcc.gov.

¹ See *Use of Spectrum Bands Above 24 GHz For Mobile Radio Services, et al.*, Notice of Proposed Rulemaking, 30 FCC Red 11878 (2015), available at https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-138A1.pdf

Accessibility Information. Reasonable accommodations for people with disabilities are available upon request. Include a description of the accommodation you will need and tell us how to contact you if we need more information. Make your request as early as possible. Last minute requests will be accepted, but may be impossible to fill. Send an e-mail to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

For further information on the workshop, contact Michael Ha, Office of Engineering and Technology, at (202) 418-2099 or by email: michael.ha@fcc.gov. For logistical questions, please contact Cecilia Sulhoff, Wireless Telecommunications Bureau, at (202) 418-0587 or by email: cecilia.sulhoff@fcc.gov.

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