WTB & SPECTRUM ACCESS OVERVIEW

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Wireless Telecommunications Bureau (WTB)

- Second largest FCC Bureau
- Develops and administers U.S. wireless telecommunications programs and policies

**Key WTB roles and responsibilities:**
- Executes FCC’s spectrum auction authority
- Licenses and oversees U.S. commercial wireless services
- Provides analysis of wireless industry competition
- Develops IT tools and resources for license and spectrum management

**Some major WTB policy objectives:**
- Facilitate the introduction of new and innovative services
- Maximize the efficient use of spectrum
- Foster wireless competition
Overview of WTB Organization

• WTB is divided into an Office of the Bureau Chief and five functional divisions

• **Auctions & Spectrum Access**: designs and implements spectrum auctions

• **Broadband**: facilitates rapid deployment of advanced wireless broadband

• **Mobility**: licenses and provides oversight of U.S. mobile wireless services

• **Spectrum & Competition Policy**: formulates pro-competitive wireless telecommunications policies

• **SMaRT**: develops and manages IT tools and resources

• Extensive collaboration across divisions and bureaus
Spectrum Bands Licensed by Utilities

- 220 MHz
- 450 MHz
- 800/900 MHz
- 6 GHz
Site-by-site licensing

- Frequency coordinators
- Application process
- Timing
- License terms and conditions
• Usually geographic area licenses
• Auctions scheduled 6 months in advance
• Bidding credits
• High bidder applies for license
• Application process
• Timing
• License terms and conditions
• Partitioning, disaggregation, leasing
Who holds licenses in an area?
FCC tools
- Universal Licensing System
- Spectrum Dashboard
Sale, partitioning, disaggregation, lease
Parties define terms of transaction
Application process
Timing
License terms and conditions
Universal Licensing System

ULS Online Systems
All applications are operating properly.

NEW USERS
- REGISTER
To use the FCC Online Systems, you first need to register with the FCC.
- Learn more

ONLINE FILING
- LOG IN
Apply for a new license, renew, modify, assign authorization, transfer control, manage licenses and applications, associate call sign(s) and more.

SEARCH
- LICENSES
Find licenses across all services.
- APPLICATIONS
Find applications.
- ARCHIVES
Find archived licenses using the enhanced license archive search.

QUICK LINKS
More Resources
- Getting Started
- Filing Purposes
- Batch Filing

Other Online Systems
- Pay Fees
- Antenna Structure Registration (ASR)
- TOWAIR
- TCNS/E-106
- Submit a Pleading
- Hearing Aid Compatibility Status Reporting
Spectrum Dashboard

Select Using Frequency Band:

Browse non-federal spectrum bands by entering a frequency range, selecting one or more tabs or by using the graphical tool.

To use the graphical tool, click in a box to display the range of frequencies for the service(s) or click in a box and drag your cursor to select a wider range of frequencies. The frequencies will appear in the Frequency Range Box.

Highlighted sections represent the portion of the band that can be used for the listed service.
Key Points of Contact

- National Call Center 888-CALL-FCC
- michael.mckenzie@fcc.gov
- roger.noel@fcc.gov
- http://wireless.fcc.gov
- Universal Licensing System
- Spectrum Dashboard