



Office of Engineering and Technology

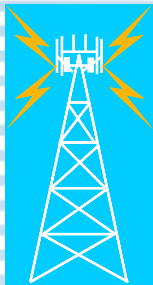
2007 ANNUAL REPORT

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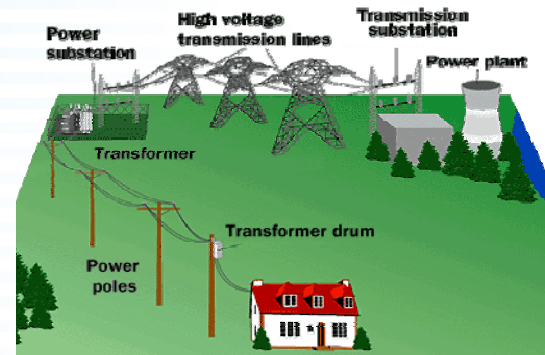
Broadband

Finalized Rules for Broadband Service at 3650 MHz



- Hybrid Licensed/Unlicensed Model*
- Authorized First Products*
- Licensed First Operations*
- Industry Developing Sharing Stds*

Supported Development of Broadband Over Power Line

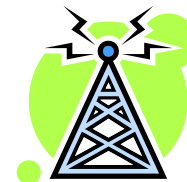


Source: <http://computer.howstuffworks.com/bpl.htm/printable>

Proposed Rules to Facilitate Unlicensed Broadband Service at 57 – 64 GHz



Continued Outreach to Wireless Internet Service Providers (WISPs)





Competition

● Equipment Authorization Improvements

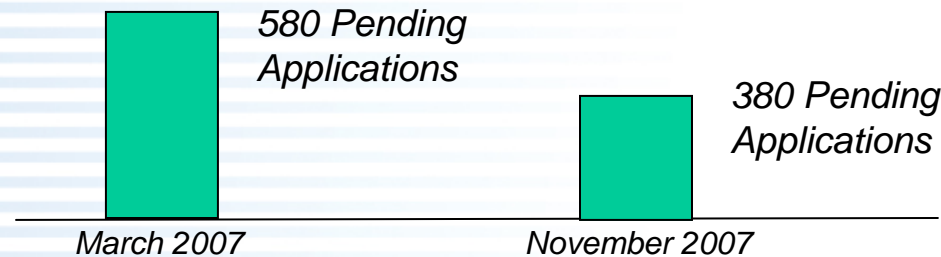


*Streamlined rules
for RF modules*

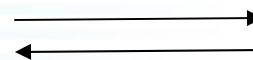


*Clarified rules
for software defined radios*

● Experimental Licensing Backlog Reduction



● Hearing Aid Compatibility





Spectrum

TV White Spaces



Microsoft



Philips



Motorola



Adaptrum

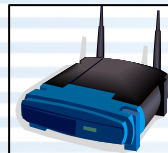
Medical Devices



New Technologies



Ultra-Wideband
Wireless USB



5 GHz Unlicensed
Devices



DECT Cordless
Phones

Support for Spectrum Proceedings

700 MHz

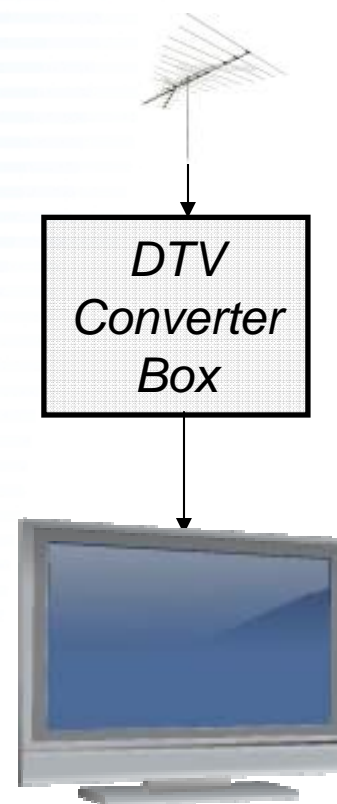
MSS/ATC

NTIA/IRAC Coordination

Media



- DTV Table of Channel Allotments
- Third Periodic Review
- Coordination of allotments with Canada and Mexico
- DTV Tuner Requirements
- Support of NTIA coupon eligible DTV converter box program





Homeland Security



*Ultra-wideband
Security System*



*UWB RF ID for
Asset Tracking and
Security*

*Support to the Public Safety and Homeland Security Bureau
on technical aspects of the 700 MHz Public/Private Partnership
And A Number of Other Matters*



Modernize the FCC

- Implemented OET Frequency Assignment and Coordination System
- Excellence in Engineering and Engineer in Training Programs
- Modernizing Equipment at the FCC Lab

