



FCC Presentations

TCB Workshop – October 2009

Laboratory Division

Office of Engineering and Technology

Federal Communications Commission



Topics

- Administrative Updates
 - General Administrative Issues – Sandy Haase
 - Compliance Review – Ray LaForge
- Technical Updates
 - Unlicensed Devices – Joe Dichoso
 - Licensed Devices (including HAC)
 - Andy Leimer, Steve Dayhoff and Jim Szeliga
- RF Exposure Issues
 - SAR Measurement Procedures – Kwok Chan
 - General RF Issues – Tim Harrington
- General Equipment Authorization Discussions
 - Software Defined Radio – Jim Szeliga
 - Permit-but-Ask, Exclusion List – Rashmi Doshi
 - Modular Approval – Joe Dichoso, Tim Harrington
- Roundtable Topics, Q &A - All



General Observations



FCC Initiatives

- **Broadband Initiatives**
 - Spectrum and Innovation NOIs
 - Number of workshops and discussions
 - Review of all of our current procedures
- **Plans for updating FCC Web presence**
 - Web 2.0 tools
 - Interactive tools
 - Modify various websites
- **Long term changes coming to EA web pages**



FCC Networking Initiative

A screenshot of the Federal Communications Commission (FCC) Home Page as seen in Internet Explorer. The browser window title is "Federal Communications Commission (FCC) Home Page - Internet Explorer provided by Dell". The address bar shows "http://www.fcc.gov/". The page features a search bar, navigation links like "FCC Home", "Search", "Updates", "E-Filing", "Initiatives", "For Consumers", and "Find People". A prominent banner for "OPENINTERNET.GOV BETA" and "FY 2009 REGULATORY FEES Due Date was September 22, 2009" is displayed. The "Headlines" section lists several news items from 9/24/09 and 9/25/09. A sidebar on the left contains a search bar and various navigation links. A sidebar on the right includes "Broadband.gov", "Workshops", "Blogband", "FCconnect", and "Commissioners" with a list of names and titles.

Federal Communications Commission (FCC) Home Page - Internet Explorer provided by Dell

http://www.fcc.gov/

Google Search

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

FCC Home Page

Search the FCC: Go

Help | Advanced

About the FCC

Auctions

Closed Captioning

Commission Meetings

Contacting the FCC

Contracting Opportunities

Customer Service Standards

Debt Collection

Employment Opportunities

FCC Items on Circulation

FCC Registration Number (FRN) Commission Registration System (CORES)

Fees

OPENINTERNET.GOV BETA

FY 2009 REGULATORY FEES
Due Date was September 22, 2009

Headlines [Daily Digest](#) | [Recent Releases](#)

Follow us: [RSS](#) [Twitter](#)

9/25/09
Commission Announces Hearing on Capital Formation in the Broadband Sector.
News Release: [Word](#) | [Acrobat](#)

9/25/09
Comment Sought on the Contribution of Federal, State, Tribal, and Local Government to Broadband.
Public Notice: [Word](#) | [Acrobat](#)

9/25/09
Remarks of Chairman Genachowski, National Association of Black Owned Broadcasters 33rd Annual Fall Broadcast Management Conference.
[Word](#) | [Acrobat](#)

9/24/09
Remarks of Commissioner McDowell at the National Association of Black Owned Broadcasters 33rd Annual Fall Broadcast Management Conference.
[Word](#) | [Acrobat](#)

9/24/09
Remarks of Commissioner McDowell at the National Religious Broadcasters Capitol Hill Media Summit.

Broadband.gov

BROADBAND.GOV BETA
NATIONAL BROADBAND PLAN

- [Workshops](#)
- [Blogband](#)

FCconnect

Commissioners

- [Julius Genachowski](#)
Chairman
- [Michael J. Copps](#)
Commissioner
- [Robert M. McDowell](#)
Commissioner
- [Mignon Clyburn](#)
Commissioner
- [Meredith Attwell Baker](#)
Commissioner

[All Commissioners & Press Photos](#)

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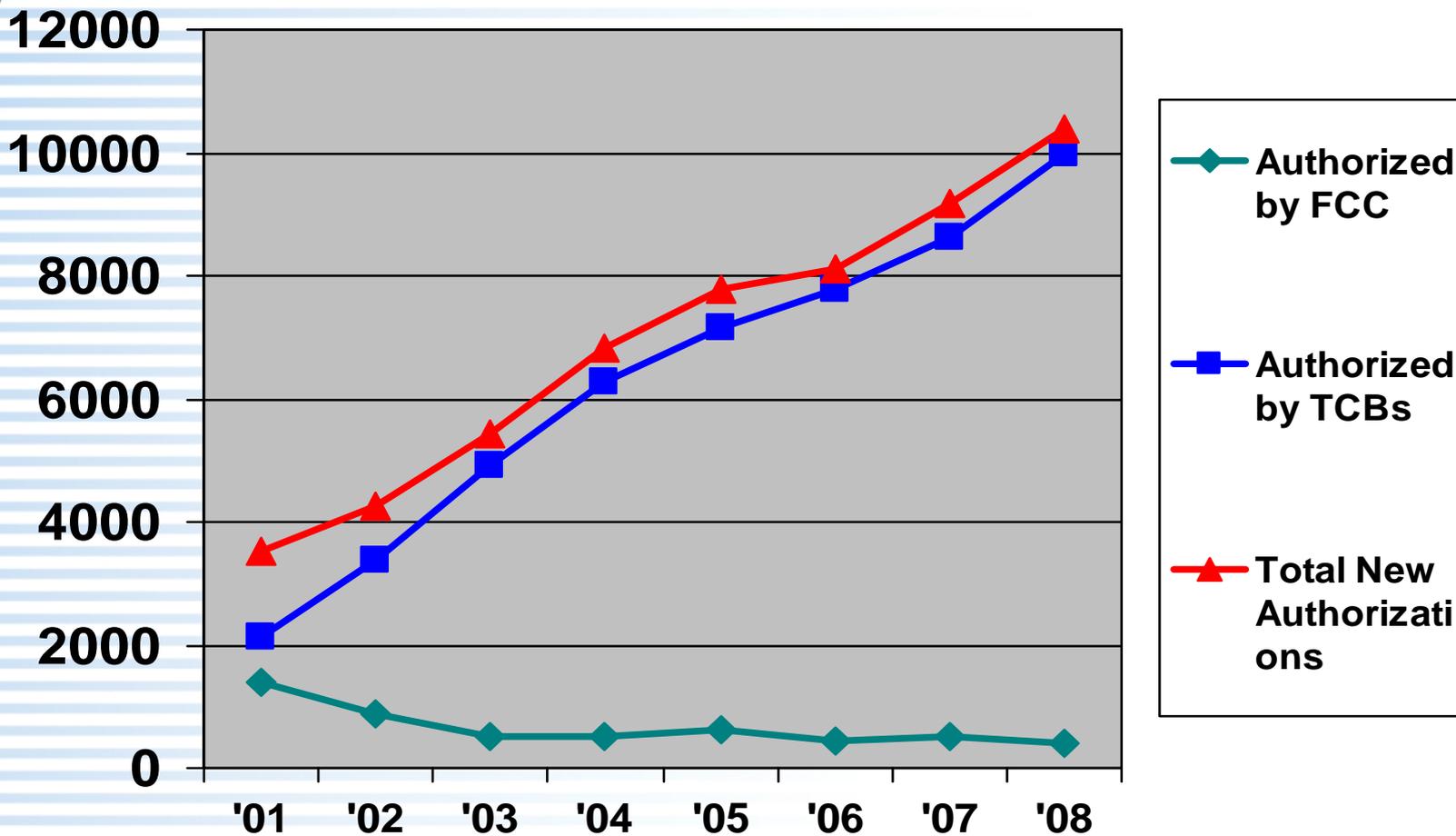


FCC Networking

A screenshot of the FCC Connect website as viewed in Internet Explorer. The browser's address bar shows "http://www.fcc.gov/connect/". The page features a search bar on the left with the text "Search the FCC:" and a "Go" button. Below the search bar are links for "Help" and "Advanced". The main content area is titled "FCC Connect" and includes a paragraph explaining the site's purpose: "FCC Connect exists to better enable the public to learn about Agency news and take advantage of useful services. These avenues allow the Federal Communications Commission to more readily accomplish its mandate and more efficiently conduct government affairs. Join the conversation." Below this text are several social media and service links, each with a logo and a corresponding URL: "BLOGBAND" (The Official Blog of The National Broadband Plan), "IdeaScale" (Share Your Ideas on Developing the National Broadband Plan), "twitter" (Follow the FCC to Receive Online or Mobile Updates), "YouTube" (Watch The Latest Videos From The FCC), "facebook" (Connect With The FCC at Facebook), and "RSS" (Use RSS Feeds To Better Access FCC Data). At the bottom of the page, there is a navigation menu with links for "FCC Home", "Search", "Updates", "E-Filing", "Initiatives", "For Consumers", and "Find People". The footer contains the text "Federal Communications Commission", "Phone: 1-888-CALL-FCC (1-888-225-5322)", and a link to the "Privacy Policy". The browser's status bar at the bottom indicates "Internet | Protected Mode: On" and "100%".



Equipment Authorization Certification Trends (2001 – 2008)





Equipment Authorization Trend – Behind the numbers

Approved Applications *

Year	FCC	TCB
2006	6.89%	93.11%
2007	5.55%	94.45%
2008	3.80%	96.20%
2009 (YTD)	1.89%	98.11%
Overall Average	4.04%	95.96%

* Numbers represent approved applications – not including dismissals for administrative purposes



Equipment Authorization Trend

Year	FCC	TCB	
		PBA	Non- PBA
2008	3.80 %	1.00 %	95.20 %
2009 (YTD)	1.89 %	1.88 %	96.22 %

- More Applications approved through PBA
- Applications based on Exclusion List going down
- Expect to continue this trend



Applications based on Permissive Changes

- Over 3 Years (10/01/2006 – 09/30/2009):
 - 29522 Total Applications processed
 - 21117 FCC IDs
 - 19175 (90.8 %) FCC IDs without PC
 - 100 (0.47%) FCC IDs with >3 PCs
 - **25 (0.12 %) FCC IDs represent 10 % of PC Apps**
- Rate of PCs per applications slowing down with revised RF exposure procedures
- FCC still trying to understand high number of PCs in small number of applications.
- Review policies and procedures to reduce the need for PCs



Equipment Authorization Outreach

● New Efforts at the Lab:

- Develop a new web page to solicit comments on proposed major KDBs
 - Plan to release 14 drafts this week
- Create first steps for collaborative documentation
- Create first drafts of consolidated and updated presentations from last 7 years
 - Plan to release 6 drafts
 - Placed on Draft Comments web page
 - Seeking comments on accuracy, details and completeness



Looking Forward

- Significant staff effort on:
 - Promoting outreach
 - Streamlining authorization efforts
- Changes to TCB Exclusion and Permit-but-ask Lists
- Constantly looking for ways to help TCBs, test labs, manufacturers and industry to ensure compliant products reach marketplace in a timely manner
- Looking forward to more collaboration



Questions and Answers

Thanks!