

電波有効利用の促進に関する検討会 2012年10月12日（第10回）

明治大学情報コミュニケーション学部
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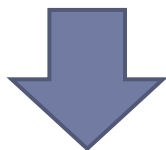
**電波の「見える化」を進める上で、
FCCのSpectrum Dashboardから参考になるこ
とは何か？**

FCCに聞いてみよう・・・

FCCのSpectrum Dashboardの背景

- ▶ オバマ政権のOpen Government Directive (2009.12)

--transparency, participation, collaboration



- ▶ ジェナカウスキーFCC委員長のもとで、2010年に始まった (2009年～2010年)
- ▶ ARRA法⇒NBP⇒⇒Spectrum Dashboardへ(2010.11)“もっと使いやすいデザインへ“
- ▶ FCC全体で様々な部局のデータをまとめ、データをシェア、管理する。

オバマ政権のOpen Government Directiveに基づき、FCCをmodernize、 見せ方を変える —それがReboot.FCC.gov

The screenshot shows a web browser window displaying the Reboot.FCC.gov website. The browser's address bar contains the search query "open government plan fcc". The website header includes the "REBOOT.FCC.GOV" logo and a search bar with the text "SEARCH THE FCC" and "Enter search term". The navigation menu lists: HOME, ABOUT REBOOT, EVENTS, INITIATIVES, REFORM, FCC LEADERSHIP, BLOG, and FCC.GOV/DATA.

The main content area features a large blue banner for the article "Preventing Bill Shock". The article text reads: "Ever have your cell-phone bill jump unexpectedly from one month to the next? Bill shock can occur for a number of reasons including unclear or misunderstood advertising, unanticipated roaming or data charges, and other problems. Here's what the FCC is doing about this problem – and how you can avoid it." Below the text is a "Learn More" button. To the right of the article is a stack of envelopes, with the top one labeled "BILLING STATEMENT".

On the right side of the page, there is a vertical menu with the following items: FCC LICENSE VIEW, SPECTRUM DASHBOARD, PARENTS' PLACE, FCC CONSUMERS, and PREVENTING BILL SHOCK. A blue arrow points to the "PREVENTING BILL SHOCK" item.

The footer of the website includes the text "FCC REFORM" and icons for SYSTEMS, RULES & PROCESSES, DATA, ENGAGEMENT, and REDESIGN.

The Windows taskbar at the bottom shows the Start button, several application icons (including Internet Explorer and McAfee), and the system tray with the date and time: 15:25, 2012/09/27.

FCCのSpectrum Dashboardについて (1)

http://reboot.fcc.gov/reform/systems/spec

FC Spectrum Dashboard - ...

spectrum dashboard

検索 共有 詳細

Shoko Kiyohara 設定

安全検索 McAfee

FC FEDERAL COMMUNICATIONS COMMISSION

REBOOT.FCC.GOV BETA

SEARCH THE FCC

Enter search term SEARCH

HOME ABOUT REBOOT EVENTS INITIATIVES REFORM FCC LEADERSHIP BLOG FCC.GOV/DATA

Home » Reform » Systems » Spectrum Dashboard

SPECTRUM DASHBOARD

Exploring America's Spectrum

The Spectrum Dashboard allows new ways for citizens to search spectrum in the United States. Use the dashboard to find out how spectrum is being used, who owns spectrum licenses around the country, and what spectrum is available in your county.

LEARN MORE

Public Safety 700 MHz BROADCAST TELEVISION

<http://reboot.fcc.gov/reform/systems/spectrum-dashboard>

FCCのSpectrum Dashboardについて（2）

▶ どのくらいの人が携わっているのか？

>>> 無線局で3-4人。他に契約者を通して8-10人

▶ どのくらいの頻度で更新しているのか？

>>> 一か月に一回の更新で8000ドル

▶ 何に苦労したか？

>>> すべてのデータを集めて古いシステムから新しいアプリケーションへ移行すること（費用もかかった）

>>> いまでもデータをすべて把握していない（ex.周波数利用状況、携帯電話の基地局の位置など）⇔今もデータを把握することが課題

FCCのSpectrum Dashboardについて（3）

▶ 何が必要か？

>>> インフォメーション・デザイナー、プレゼンテーション
がポイント。ユーザ・インターフェースが重要。ユーザの観点。

>>> 特に、デザイナーを“Dashboard”を作る過程で対等な参加者として扱うことが重要

▶ 現在のSpectrum Dashboardの欠点

>>> Mapとそのエリアの情報が同時に出てこない

>>> リンクが送れない、情報がシェアできることが重要

>>> 表示速度

Browse Spectrum Bands | Browse Using a Map | Search by Name | Advanced Search

Spectrum Holdings

Printable Page | Help

SEARCH CRITERIA

Counties: 27137-St. Louis

Refine

Search
NEW Search

FILTERS

- Filter by Licenses/Leases
- Filter by Name
- Filter by Geographic Area
- Filter by License Category
- Filter by Lease Type

License Results

Map View

Export Search Results



Spectrum Holdings

SEARCH CRITERIA

Counties: 27137-St. Louis

Refine

Search **NEW Search**

FILTERS

- Filter by Licenses/Leases
- Filter by Name
- Filter by Geographic Area
- Filter by License Category
- Filter by Lease Type

Apply Filter

License Results Map View

Showing 1 to 50 of 50 Show 100

#	Common Name	Radio Service	Tags	Frequency Band (MHz)	Licensee/Lessee Name	Market
1	AT&T	700 MHz	Broadband; Fixed Wireless; Mobile Radio; Phone; Television	704 - 710 734 - 740	AT&T Mobility Spectrum LLC	CMA141 - Duluth, MN-WI
2	AT&T	700 MHz	Broadband; Fixed Wireless; Mobile Radio; Phone; Television	716 - 722	AT&T Mobility Spectrum LLC	EAG704 - Great Lakes
3	AT&T	AWS - 1	Broadband; Fixed Wireless; Phone	1720 - 1730 2120 - 2130	New Cingular Wireless PCS, LLC	BEA109 - Duluth-Superior MN-WI
		Broadband	Broadband; Fixed	1900 - 1905	New Cingular Wireless PCS	PTA110

Radio Service (BRS) and Educational Broadband Service (EBS); 2.3 GHz Wireless Communications Service (WCS); Full Power TV Broadcast and Mobile Satellite Services (MSS).

Note: For purposes of the Spectrum Dashboard, Common Name is defined as an entity that: (1) wholly owns or has majority interest in the license; (2) is the general partner of the limited partnership or manager of an LLC that holds the license; or (3) is the name under which the service being provided via the license is marketed to the public.

Select from a List of Largest Spectrum Holders by Common Name:

As determined by the total number of licenses associated with a name.

Select Spectrum Holder by Common Name:

OR

Enter a Licensee/Lessee/Common Name:

-
- VENTURA COUNTY OFFICE OF EDUCATION
 - VERDE VALLEY SCHOOL
 - VERIZON WIRELESS
 - VERIZON WIRELESS (VAW) LLC
 - VERIZON WIRELESS (VAW) LLC D/B/A
 - VERIZON WIRELESS
 - VERIZON WIRELESS OF THE EAST LP
 - VERIZON WIRELESS PERSONAL COMMUNICATIONS LP



アルファベットの頭文字を入れただけで、名前検索ができるのが特徴

824 | E-Support | Understanding your Results

- About Reboot
- Calendar
- Blog
- Open Meetings

- Initiatives
- Broadband.gov
- OpenInternet.gov
- Reform
- Systems
- Rules & Processes
- FCC Leadership
- Chairman
- Commissioners

Get FCC Updates

- ADVANCED SEARCH
- SPECTRUM DASHBOARD REPORTS
- AVAILABLE SPECTRUM MAP
- UNDERSTANDING YOUR RESULTS

Featured Discussion

What functions and features in the Spectrum Dashboard are most useful to you?

Join the discussion to help improve the FCC. Your suggestions, ideas and comments will be part of a public discussion that furthers FCC reform.

[Join the Discussion](#)

FCC makes no representations regarding the accuracy or completeness of the information maintained in the Spectrum Dashboard.

The data and analyses contained herein are not relied upon by the Commission in analyzing the competitive marketplace or assessing the spectrum holdings of wireless service providers in any particular geographic area.

The Spectrum Dashboard is also not an endorsement by the FCC of any particular service, technology, product, or service provider, and the FCC makes no representations or warranties about the provision of service on the spectrum included in this database.

今のところユーザから Dashboardについての“評価”を聞く機会はない。

found in other Commission databases (e.g., Universal Licensing System (ULS), International Bureau Filing System (IBFS), and Consolidated Database System (CDBS)).

Common Name: For purposes of the Spectrum Dashboard, Common Name is defined as an entity that: (1) wholly owns or has majority interest in the license; (2) is the general partner of the limited partnership or manager of an LLC that holds the license; or (3) is the name under which the service being provided via the license is marketed to the public.

Spectrum Totals by County: For purposes of the Spectrum Dashboard, spectrum totals may be overestimated in a particular county. For instance, spectrum will be counted towards a licensee's spectrum total for a county if at least one segment of the county falls within a licensee's geographic boundary. Each county is then needed to be fully licensed.

どういう機能が便利か、ユーザからの反応が少し書き込まれている...

Spectrum Dashboard: What functions and features in the Spectrum Dashboard are most useful to you?

New and returning users may [sign in](#)

My idea is...

- enter your suggestions and ideas here.

Hot **Top ideas** New My feedback ▾

8

votes

Vote

Finding who is holding on to spectrum and not doing anything with it.

Finding who is holding on to spectrum and not doing anything with it.

1 comment

4

votes

Vote

The frequencies each company is licensed to in an easy to interpret format.

For example: If I want to look at all the mobile phone frequencies for a specific area, I would like to see which companies have certain frequencies.

One way of laying this out in a visual way is something like the NTIA's spectrum allocation chart. The ability to have an excel version of this data (company, frequency, and license call sign a minimum for data) would also be

Spectrum Dashboard: What functions and features in the Spectrum Dashboard are most useful to you?

[Post a new idea...](#)

[All ideas](#)

[My feedback](#)

Search



Give feedback

API Ideas 17

Data: How can the data released on FCC.gov/data be better formatted so as to be more useful to the public? 22

Data: How can the FCC better employ data? 3

Data: What data sets would you like to see the FCC publish on FCC.gov/data? 18

Engagement: How can the FCC also increase engagement with citizens and key constituency

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電波の「見える化」を進める上でのポイント

