

# The Leading Authority on Wireless Spectrum Ownership

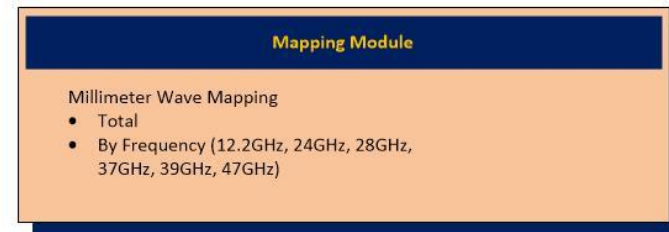
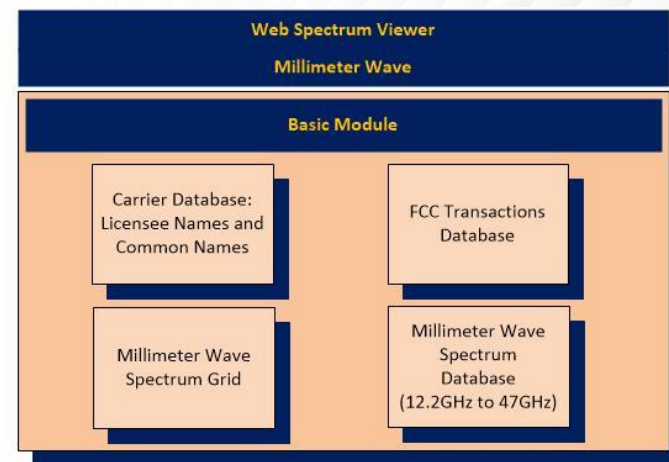
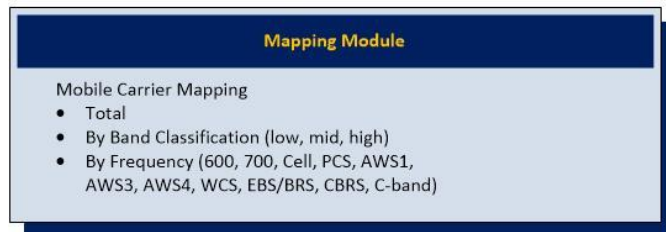
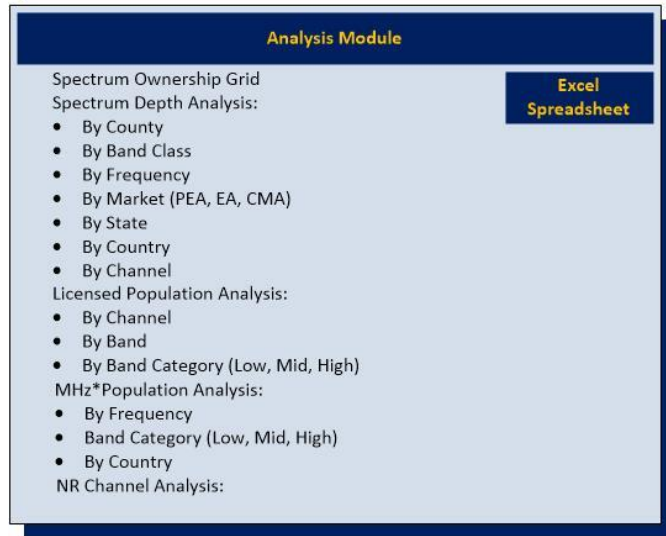
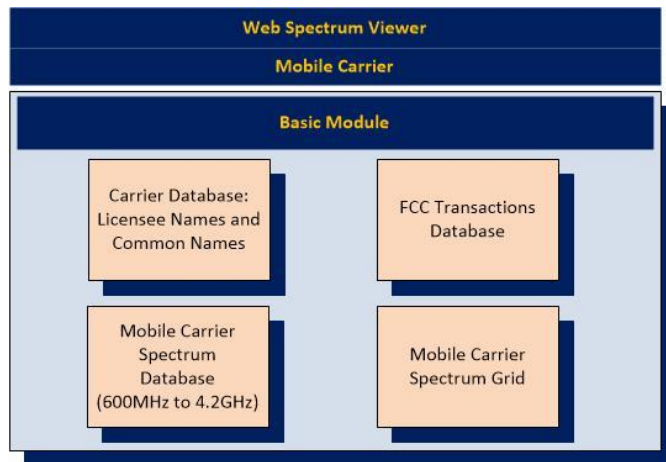


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# Web Spectrum Viewer

The Web Spectrum Viewer is a web product which allows users to visualize and analyze the current spectrum ownership for all of the mobile carrier and millimeter wave frequency bands at a county-level for all 50 states and US territories. The Web Spectrum Viewer provides analysis for over 2,000 US carriers and spectrum licensees.





# Web Spectrum Viewer Database

The Web Spectrum Viewer includes **4 sources of data for analysis:**

Source	Description
License Holdings (FCC)	Represents the current licensee for each block of spectrum.
Lease Holdings (Lease)	Reflects the carrier that is leasing a block of spectrum. Includes the Lease ID.
Current Holdings (Current)	Represents the current operator of each spectrum block including spectrum leases.
Future Holdings (Future)	Represents the proposed ownership or leasing changes that have been filed with the FCC.

The Web Spectrum Viewer Database is updated monthly based upon filed FCC transactions.



# Web Spectrum Viewer

## Mobile Carrier:

Bands	Frequency	Details
600MHz	600MHz	600MHz
700MHz	700MHz	700MHz
Cellular/SMR	850MHz	Cellular/SMR
PCS	1900MHz	Personal Communication Service
AWS 1/2/3/4	1700MHz	Advance Wireless Services
WCS	2.3GHz	Wireless Communication Service
EBS/BRS	2.5GHz	Broadband Radio Service
CBRS	3.5GHz	Citizens Brand Radio Service
C-Band	3.7GHz	C-Band Satellite

## Millimeter Wave:

Bands	Frequency	Details
12.2 GHz	12,2GHz	MVDDS
24 GHz	24GHz	
28-31 GHz	28-31GHz	LMDS
New 37 GHz	37GHz	
39 GHz	39GHz	
New 47GHz	47GHz	

# Web Spectrum Viewer



[Logon](#) [Admin](#)

## Spectrum Ownership Analysis Tool



User ID

Password

Log In

Login Request

Your Login Request will be approved and input manually.  
You will receive an email indication when your login is active.

# Transactions - Summary



## Queries

Select Query Table **Transactions**

## Filters

Note: You need to save each filter to preserve it's effect on the grid

Selected Fields **DigestDate**

Note: Clicking links in the grid will open the FCC ULS site with your search key in the URL

	DigestDate	ReceiptDate	ActionDate	FCC Status	FileNumber	Call Sign	LeaseNewCall Sign	Assignor	Assignee
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPOL777</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPOL800</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPOL807</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPOL808</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPOL809</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPSF618</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WPSF619</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WQIT642</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/22/2017	8/23/2017	Pending	<a href="#">0007900220</a>	<a href="#">WQOH687</a>	null	Premier Wireless, Inc.	Iowa Wireless Services Holding Corp.
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007894371</a>	<a href="#">WNC661</a>	<a href="#">L000002517</a>	Shekinah Network	American Telecasting Development, LLC
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007894371</a>	<a href="#">WNC904</a>	<a href="#">L000002515</a>	Shekinah Network	American Telecasting Development, LLC
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007894384</a>	<a href="#">WNC787</a>	<a href="#">L000002494</a>	Shekinah Network	Fresno MMDS Associates, LLC
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007894396</a>	<a href="#">WNC732</a>	<a href="#">L000002488</a>	Shekinah Network	American Telecasting of Anchorage, LLC
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007902475</a>	<a href="#">WPLM401</a>	<a href="#">L000007754</a>	NextWeb, Inc.	Nextlink Wireless, LLC
Details	8/30/2017	8/23/2017	8/24/2017	Granted	<a href="#">0007902475</a>	<a href="#">WPLM402</a>	<a href="#">L000007755</a>	NextWeb, Inc.	Nextlink Wireless, LLC

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) ...

# Transactions Detail

- Displays filed FCC transactions for all of the mobile carrier and millimeter wave frequencies.
- Queries provide quick access to specific carrier, call sign, or frequency band transactions.
- Details includes markets, licenses, as well as license disaggregations (county or frequency).





# Transactions - Query



## Queries

Select Query Table

Transactions ▼

Submit Query

Export Query

Reset

## Filters

Note: You need to save each filter to preserve its effect on the grid

Selected Fields

Assignor ▼

Selected Field Values

Cavalier Greensboro, LLC ▼

Wild Card Search

Enter Search String

Save Filter

Note: Clicking links in the grid will open the FCC ULS site with your search key in the URL

	DigestDate	ReceiptDate	ActionDate	FCC Status	FileNumber	Call Sign	LeaseNewCallSign	Assignor	Assignee
Details	<a href="#">2/17/2016</a>	<a href="#">2/12/2016</a>	<a href="#">2/13/2016</a>	Accepted	<a href="#">0007139073</a>	<a href="#">WQIZ394</a>	<a href="#">WQXE745</a>	Cavalier Greensboro, LLC	CLG Greensboro, LLC
Details	<a href="#">4/28/2016</a>	<a href="#">2/19/2016</a>	<a href="#">8/4/2016</a>	Consummated	<a href="#">0007144169</a>	<a href="#">WQIZ394</a>	null	Cavalier Greensboro, LLC	T-Mobile License LLC
Details	<a href="#">4/28/2016</a>	<a href="#">2/23/2016</a>	<a href="#">2/24/2016</a>	Withdrawn	<a href="#">0007152073</a>	<a href="#">WQIZ394</a>	null	Cavalier Greensboro, LLC	T-Mobile License LLC

# Transactions Detail



## Queries

Select Query Table **Transactions**

## Filters

Note: You need to save each filter to preserve its effect on the grid

Selected Fields **Assignor** Selected Field Values **Cavalier Greensboro, LLC** Wild Card Search

DigestDate	Purpose	ReceiptDate	ActionDate	FCCStatus	OpenClosed	FileNumber	Assignee	Assignor	CallSign	LeaseNewCallSign	Partition	RadioService	Market	ChannelBlock	CountyState	StartFrequency	StopFrequency	Bandwidth	SpecCode
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	DAVIDSON, NC	null	null	null	null
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	FORSYTH, NC	null	null	null	null
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	GUILFORD, NC	null	null	null	null
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	RANDOLPH, NC	null	null	null	null
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	STOKES, NC	null	null	null	null
2/17/2016 12:00:00 AM	AA	2/12/2016 12:00:00 AM	2/13/2016 12:00:00 AM	Accepted	Closed	0007139073	CLG Greensboro, LLC	Cavalier Greensboro, LLC	WQIZ394	WQXE745	Partition/Disaggregation	WY - 700 MHz Lower Band (Blocks A, B & E)	BEA018 - Greensboro-Winston-Salem-High	A	YADKIN, NC	null	null	null	null

Note: Clicking links in the grid will open the FCC ULS site with your search key in the URL

	DigestDate	ReceiptDate	ActionDate	FCCStatus	FileNumber	CallSign	LeaseNewCallSign	Assignor	Assignee
Details	2/17/2016	2/12/2016	2/13/2016	Accepted	0007139073	WQIZ394	WQXE745	Cavalier Greensboro, LLC	CLG Greensboro, LLC
Details	4/28/2016	2/19/2016	8/4/2016	Consummated	0007144169	WQIZ394	null	Cavalier Greensboro, LLC	T-Mobile License LLC
Details	4/28/2016	2/23/2016	2/24/2016	Withdrawn	0007152073	WQIZ394	null	Cavalier Greensboro, LLC	T-Mobile License LLC

# Spectrum Grid



Admin

## Spectrum Ownership Analysis Tool

- Transactions
- Spectrum Grid**
- Carriers
- Queries
- Spectrum Depth
- LTE Channels
- U/DL Spectrum
- MHz-Pops
- FAQ

Basic

Mapping

Analysis

- Show Filters
- Header Bands
- Frequencies

Reset Filters

FipsCode	CMA	CMAName	State	County	CCType	_AWS3A1U	_AWS3B1U	_AWS4A1U	_AWS4ZU	_AWSB1U	_AWSB2U	_AWSCU	_AWSDU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	
a					LTE Band Class	70	70	4	4	4	4	4	4	4	4	4	4	4	4	4
b					FDD			66	66	66	66	66	66	66	66	66	66	66	66	66
c					FDD e-UTRA															
d					FDD e-UTRA															
e					FDD e-UTRA															
f					FDD e-UTRA															
g					FDD e-UTRA															
h					TDD															
i					TDD															
j					TDD															
k					TDD															
l					TDD															
m					TDD															
n					TDD															
o					Bandwidth															

FipsCode	CMA	CMAName	State	County	CCType	_AWS3A1U	_AWS3B1U	_AWS4A1U	_AWS4ZU	_AWSB1U	_AWSB2U	_AWSCU	_AWSDU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	_AWSFU	
34003	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Bergen County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34013	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Essex County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34017	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Hudson County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34027	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Morris County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34031	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Passaic County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34035	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Somerset County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34039	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Union County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36008	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Bloom County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36050	1	New York, NY-NJ-Nassau-Suffolk, NY	NJ	Nassau County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36091	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	New York County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36099	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Putnam County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36081	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Queens County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36085	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Richmond County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36087	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Rockland County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36103	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Suffolk County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
36119	1	New York, NY-NJ-Nassau-Suffolk, NY	NY	Westchester County	future	DSH	DSH	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
06037	2	Los Angeles-Long Beach-Anaheim-Santa Ana-Garden Grove-Riverside-San Bernardino-Ontario, CA	CA	Los Angeles County	future	DSH	DSH	ATT	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
06059	2	Los Angeles-Long Beach-Anaheim-Santa Ana-Garden Grove-Riverside-San Bernardino-Ontario, CA	CA	Orange County	future	DSH	DSH	ATT	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
06085	2	Los Angeles-Long Beach-Anaheim-Santa Ana-Garden Grove-Riverside-San Bernardino-Ontario, CA	CA	Riverside County	future	DSH	DSH	ATT	V2W	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
17031	3	Chicago, IL	IL	Cook County	future	DSH	DSH	V2W	V2W	V2W	V2W	ATT	ATT	TMO	TMO	TMO	TMO	TMO	FCC	FCC
17043	3	Chicago, IL	IL	DuPage County	future	DSH	DSH	V2W	V2W	V2W	V2W	ATT	ATT	TMO	TMO	TMO	TMO	TMO	FCC	FCC
17089	3	Chicago, IL	IL	Kane County	future	DSH	DSH	V2W	V2W	V2W	V2W	ATT	ATT	TMO	TMO	TMO	TMO	TMO	FCC	FCC
17097	3	Chicago, IL	IL	Lake County	future	DSH	DSH	V2W	V2W	V2W	V2W	ATT	ATT	TMO	TMO	TMO	TMO	TMO	FCC	FCC
17107	3	Chicago, IL	IL	Will County	future	DSH	DSH	V2W	V2W	V2W	V2W	ATT	ATT	TMO	TMO	TMO	TMO	TMO	FCC	FCC
34005	4	Philadelphia, PA	NJ	Burlington County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34007	4	Philadelphia, PA	NJ	Camden County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
34015	4	Philadelphia, PA	NJ	Browns County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
42017	4	Philadelphia, PA	PA	Bucks County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
42029	4	Philadelphia, PA	PA	Chester County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
42045	4	Philadelphia, PA	PA	Delaware County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
42061	4	Philadelphia, PA	PA	Montgomery County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
42101	4	Philadelphia, PA	PA	Philadelphia County	future	DSH	DSH	ATT	ATT	V2W	V2W	V2W	TMO	TMO	TMO	TMO	TMO	TMO	DSH	DSH
26087	5	DetroitAnn Arbor, MI	MI	Lapeer County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
26093	5	DetroitAnn Arbor, MI	MI	Livingston County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
26099	5	DetroitAnn Arbor, MI	MI	Macomb County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
26114	5	DetroitAnn Arbor, MI	MI	Oakland County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
26147	5	DetroitAnn Arbor, MI	MI	St. Clair County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
26183	5	DetroitAnn Arbor, MI	MI	Wayne County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	V2W	V2W	V2W	V2W	V2W	DSH	DSH
25021	6	Boston-Lowell-Brookline-Lawrence-Haverhill, MA-NH	MA	Norfolk County	future	DSH	TSR	TMO	TMO	TMO	TMO	TMO	TMO	TMO	TMO	TMO	TMO	TMO	FCC	FCC

# Spectrum Grid - Details

- The Spectrum Grid displays the primary spectrum holder for each block of spectrum at a county-level.
- Pull-down menus to select band (low, mid, high, millimeter) and licensing data to display: FCC, Lease, Current, Future or Call Signs
- Includes the following reference information:
  - Alignment with LTE band classifications
  - Uplink/downlink spectrum allocation
  - Frequency start/stop, bandwidth
- Color-coded to carriers branding colors







# Geographic Sort – Details

- Pull-down menus provide the selection of counties that are contained by individual geographic markets. The geographic markets included are:
  - MTA # / MTA Name
  - BTA # / BTA Name
  - CMA # / CMA Name
  - State / County
  - PEA # / PEA Name
  - BEA # / BEA Name



# Spectrum Grid – Cell Detail



## Spectrum Grid Data Request

State : mi  
County : macomb county  
Spectrum Code : EBSA1  
Callsign : WHQ422

FCC Carrier : THE ARCHDIOCESE OF DETROIT  
Lease Carrier : Clearwire Spectrum Holdings III, LLC  
Lease ID2 : L000024396  
Current Carrier : Clearwire Spectrum Holdings III, LLC  
Future Carrier : Clearwire Spectrum Holdings III, LLC

Mapping

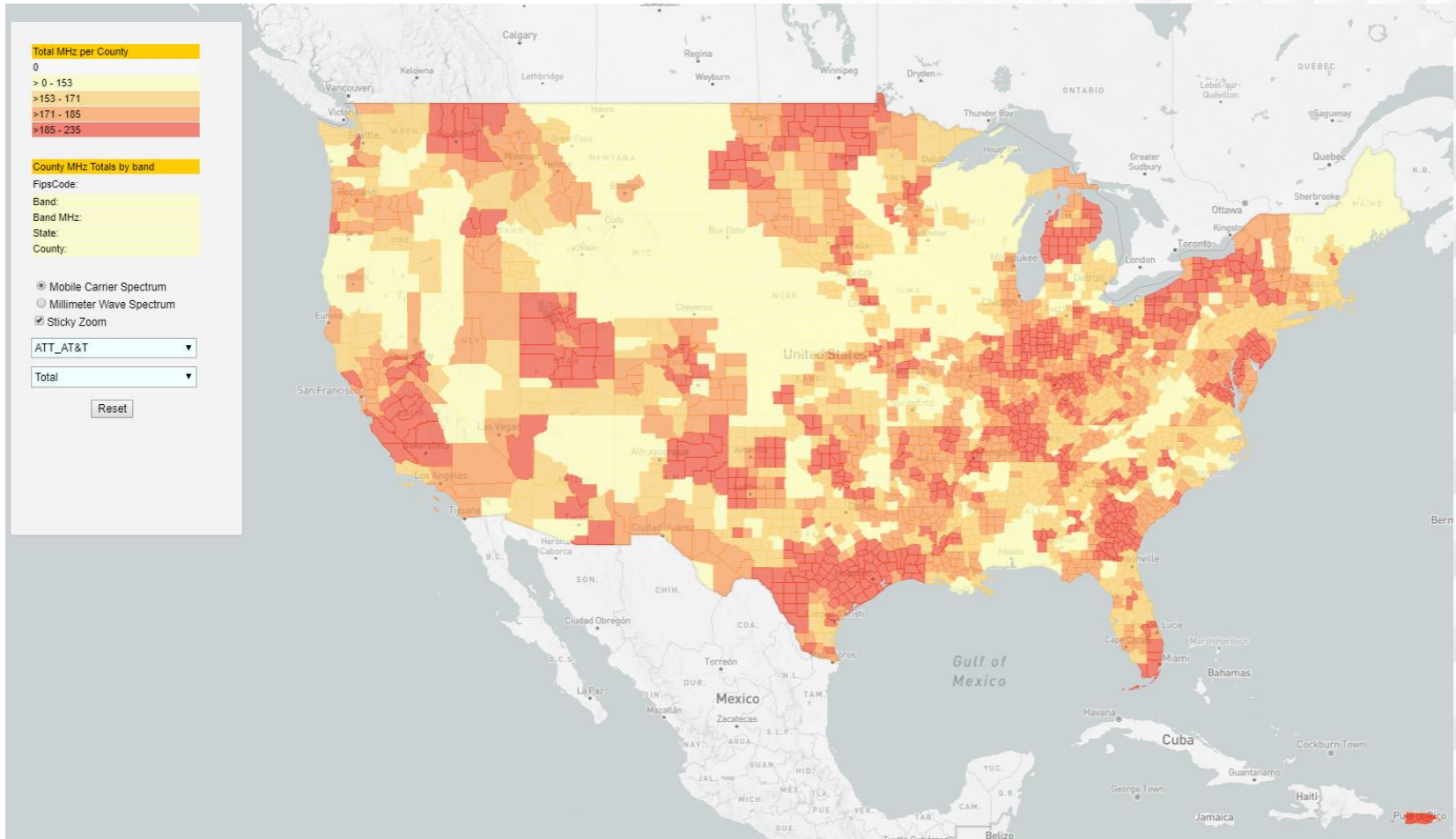
[Close this browser tab to return to the Spectrum Grid.](#)

# Cell Details

- Clicking on a cell in the Spectrum Grid opens a Details window that will display the following information for that particular cell:
  - State/County
  - Callsign / Channel
  - FCC, Lease, Current, and Future Licensee name
  - Lease ID if applicable
- Clicking the Mapping box will open a mapping window to display the counties included in the selected call sign.



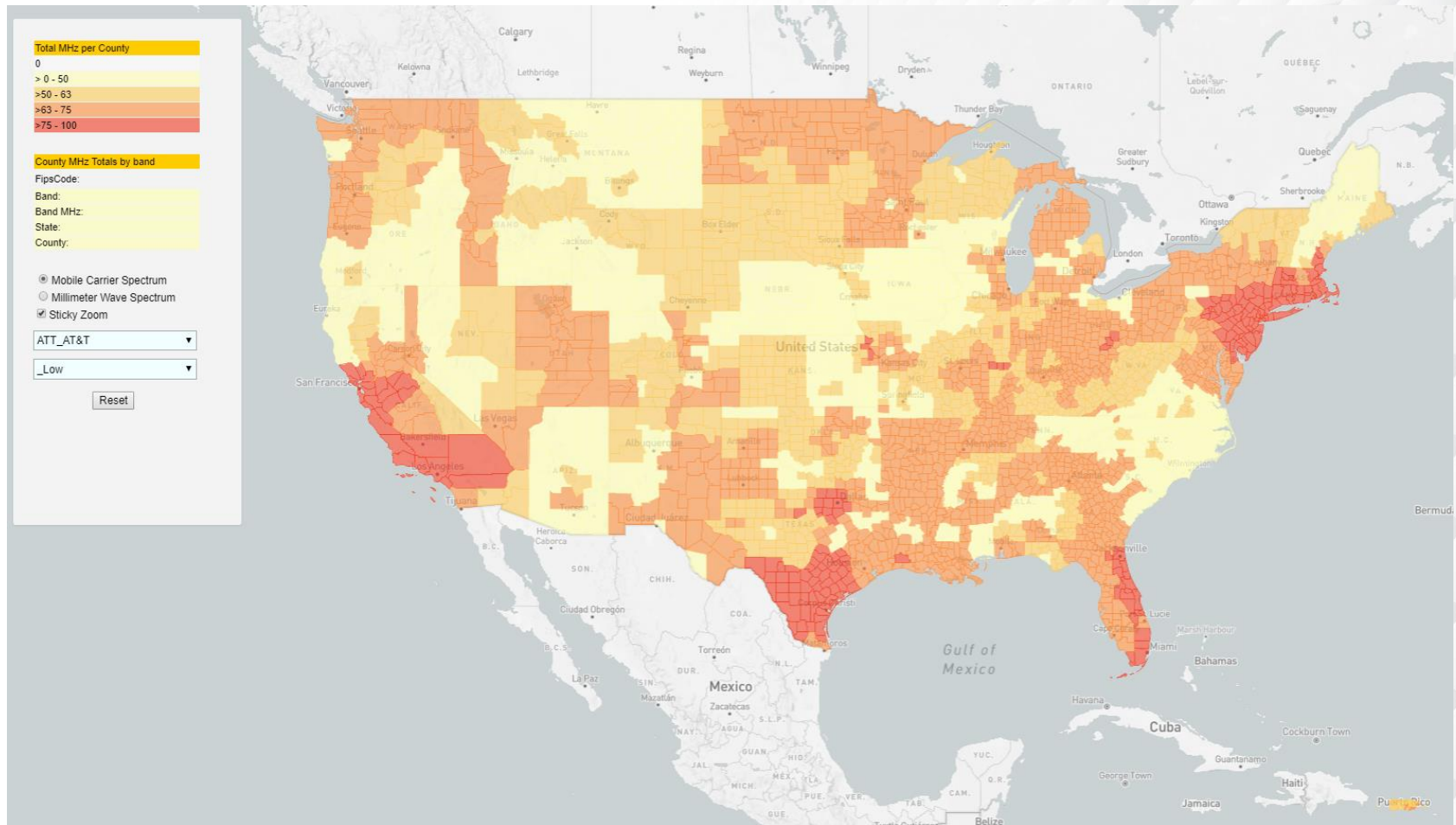
# Geographic Mapping



AT&T Total Mobile Carrier Spectrum



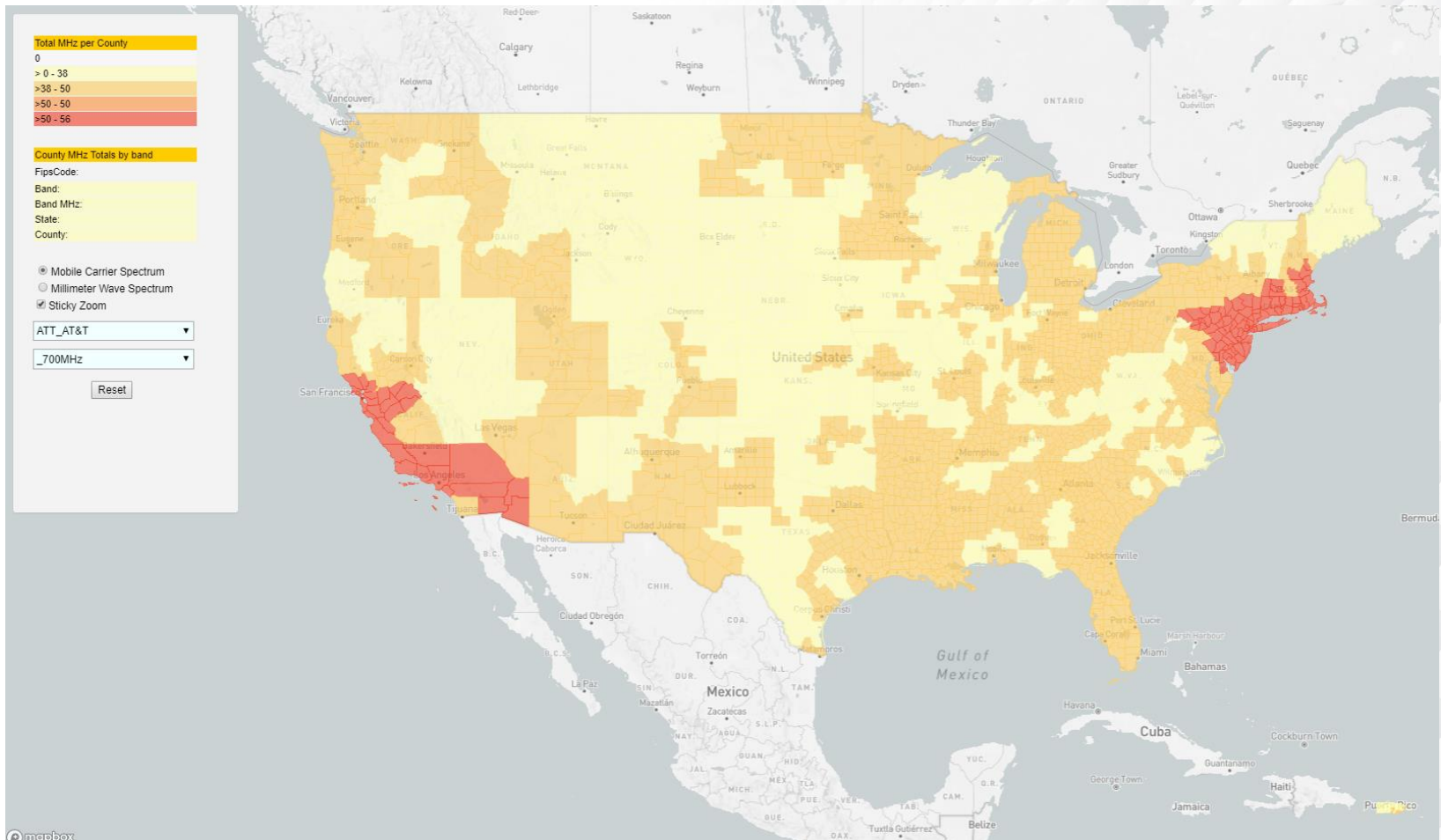
# Geographic Mapping



AT&T Low Band Mobile Carrier Spectrum



# Geographic Mapping



AT&T 700MHz Mobile Carrier Spectrum

# Carriers



## Queries

Select Query Table

Carriers

Max Rows Returned

100

Submit Query

Export Query

Reset

LicenseeLesseeName  Code  CommonName  CellColor

## Filters

Note: You need to save each filter to preserve it's effect on the grid

Selected Fields

No Selection

Map Selection(s)

<input type="checkbox"/>	LicenseeLesseeName	Code	CommonName
<input type="checkbox"/>	Allegro Investment Fund	ALL	Allegro Investment Fund
<input type="checkbox"/>	Alaska Wireless Cable	AWC	Alaska Wireless Cable
<input type="checkbox"/>	Alpine Communications	ACM	Alpine Communications
<input type="checkbox"/>	Appalachian Wireless	APW	Appalachian Wireless
<input type="checkbox"/>	American Samoa Telecommunications Authority	SAM	SamoaTel
<input type="checkbox"/>	Agri-Valley Communications	THM	Thumb Cellular
<input type="checkbox"/>	Atlantic Seawinds	ASW	Atlantic Seawinds
<input type="checkbox"/>	Auction 97 Capital	A97	Auction 97 Capital
<input type="checkbox"/>	BC4	BC4	BC4
<input type="checkbox"/>	Broadband License Co.	BL3	Broadband License Co.
<input type="checkbox"/>	CONCORDIA UNIVERSITY	CCU	CONCORDIA UNIVERSITY
<input type="checkbox"/>	Charles Ryan	CHR	Charles Ryan
<input type="checkbox"/>	Bluewater Wireless	BWW	Bluewater Wireless
<input type="checkbox"/>	Celerus Communications	CLC	Celerus Communications
<input type="checkbox"/>	California State University, Sacramento	CSM	California State University, Sacramento
<input type="checkbox"/>	Cambridge Telephone	CMB	Cambridge Telephone
<input type="checkbox"/>	CARITAS TELECOMMUNICATIONS	CRT	CARITAS TELECOMMUNICATIONS
<input type="checkbox"/>	SOUTHEASTERN OKLAHOMA STATE UNIVERSITY	SOK	SOUTHEASTERN OKLAHOMA STATE UNIVERSITY
<input type="checkbox"/>	Cypress Cellular	CYC	Cypress Cellular
<input type="checkbox"/>	Air Canopy	CPY	Air Canopy
<input type="checkbox"/>	Dothan City Board of Education	DC1	Dothan City Board of Education
<input type="checkbox"/>	Spectrum Holdings, Inc.	SPH	Spectrum Holdings
<input type="checkbox"/>	Beal Jr., L. M	LMB	L. M. Beal
<input type="checkbox"/>	Cross Wireless	CRS	Cross Wireless
<input type="checkbox"/>	Eagle Telephone	ELT	Eitopia Communications
<input type="checkbox"/>	EAST CENTRAL UNIVERSITY	ECU	EAST CENTRAL UNIVERSITY
<input type="checkbox"/>	Chevron	CHV	Chevron
<input type="checkbox"/>	STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD	WIE	STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD
<input type="checkbox"/>	Fidelity Communications	FID	Fidelity Communications
<input type="checkbox"/>	CGKC&H No. 2 Rural Cellular Limited Partnership	WCW	West Central Wireless
<input type="checkbox"/>	Florida Atlantic University Board of Trustees	FAU	Florida Atlantic University Board of Trustees
<input type="checkbox"/>	Florida State College at Jacksonville	FLJ	Florida State College at Jacksonville
<input type="checkbox"/>	First Net	FSN	First Net
<input type="checkbox"/>	Genesco Communications	GEN	Genesco Communications
<input type="checkbox"/>	Gila River Telecommunications	GRT	Gila River Telecommunications

# Carriers Detail

Provides query access to the matching of licensee names with carrier codes (3 character codes) and recognized carrier names.



# Carrier Query



## Queries

Select Query Table

Carriers

Max Rows Returned

100

Submit Query

Export Query

Reset

LicenseeLesseeName  Code  CommonName  CellColor

## Filters

Note: You need to save each filter to preserve it's effect on the grid

Selected Fields

[Code]

Selected Field Values

VZW

Wild Card Search

Enter Search String

Save Filter

Map Selection(s)

<input type="checkbox"/>	LicenseeLesseeName	Code	CommonName
<input type="checkbox"/>	Rockford MSA Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Pinnacles Cellular, LLC	VZW	Verizon Wireless
<input type="checkbox"/>	Verizon Wireless Telecom Inc	VZW	Verizon Wireless
<input type="checkbox"/>	AirTouch Cellular	VZW	Verizon Wireless
<input type="checkbox"/>	Allentown SMSA Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Central Arkansas Cellular Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications Investments, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	ALLTEL Communications of Arkansas RSA #12 Cellular Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	ALLTEL COMMUNICATIONS OF LACROSSE LIMITED PARTNERSHIP	VZW	Verizon Wireless
<input type="checkbox"/>	ALLTEL Communications of Mississippi RSA #2, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications of Nebraska LLC	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications of Nebraska, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications of North Carolina Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications of Petersburg, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications of Saginaw MSA Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications Southwest Holdings, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications Southwest Holdings, Inc.?	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications Wireless of Louisiana, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications Wireless, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Communications, LLC	VZW	Verizon Wireless
<input type="checkbox"/>	Alltel Corporation	VZW	Verizon Wireless
<input type="checkbox"/>	ALLTEL NORTHERN ARKANSAS RSA LIMITED PARTNERSHIP	VZW	Verizon Wireless
<input type="checkbox"/>	Anderson CellTelCo	VZW	Verizon Wireless
<input type="checkbox"/>	Appleton-Oshkosh-Neenah MSA Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Arkansas RSA #2 (Searcy County) Cellular Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Athens Cellular, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	BADLANDS CELLULAR OF NORTH DAKOTA LIMITED PARTNERSHIP	VZW	Verizon Wireless
<input type="checkbox"/>	Bell Atlantic Mobile of Asheville, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Bell Atlantic Mobile of Massachusetts Corporation, Ltd. d/b/a Verizon Wireless	VZW	Verizon Wireless
<input type="checkbox"/>	Bell Atlantic Mobile of Rochester, LP	VZW	Verizon Wireless
<input type="checkbox"/>	Bell Atlantic Mobile Systems of Allentown, Inc.	VZW	Verizon Wireless
<input type="checkbox"/>	Binghamton MSA Limited Partnership	VZW	Verizon Wireless
<input type="checkbox"/>	Bismarck MSA Limited Partnership	VZW	Verizon Wireless

# Licensing Database



## Queries

Select Query Table **Mobile Carrier Database** Max Rows Returned **100** [Submit Query](#) [Export Query](#) [Reset](#)

<input checked="" type="checkbox"/> CallSign	<input type="checkbox"/> MarketCode	<input checked="" type="checkbox"/> County	<input checked="" type="checkbox"/> Population	<input checked="" type="checkbox"/> TotalSpectrum	<input checked="" type="checkbox"/> Lease	<input type="checkbox"/> Reserved	<input checked="" type="checkbox"/> Future	<input type="checkbox"/> SubLeaseCC
<input type="checkbox"/> RadioServiceCode	<input type="checkbox"/> MarketName	<input checked="" type="checkbox"/> State	<input checked="" type="checkbox"/> LowerBand	<input checked="" type="checkbox"/> FCC	<input type="checkbox"/> LeaseCC	<input checked="" type="checkbox"/> Current	<input type="checkbox"/> FutureCC	<input type="checkbox"/> SubLeaseID
<input checked="" type="checkbox"/> RadioServiceDesc	<input checked="" type="checkbox"/> ChannelBlock	<input type="checkbox"/> FIPSCode	<input checked="" type="checkbox"/> UpperBand	<input type="checkbox"/> FCC_CC	<input checked="" type="checkbox"/> LeaseID2	<input type="checkbox"/> CurrentCC	<input type="checkbox"/> SubLease	<input type="checkbox"/> PendingTransFile

## Filters

Note: You need to save each filter to preserve it's effect on the grid

Selected Fields **No Selection**

[Map Selection\(s\)](#)

CallSign	RadioServiceDesc	ChannelBlock	County	State	Population	LowerBand	UpperBand	TotalSpectrum	FCC	Lease	LeaseID2	Current	Future
<input type="checkbox"/> <a href="#">T060430175</a>	AWS-4 (2000-2020 MHz and 2180-2200 MHz)	A	Gulf of Mexico	GM	0	2010	2020	10	Gamma Acquisition L.L.C	null	null	Gamma Acquisition L.L.C	Gamma Acquisition L.L.C
<input type="checkbox"/> <a href="#">T060430175</a>	AWS-4 (2000-2020 MHz and 2180-2200 MHz)	B	Gulf of Mexico	GM	0	2180	2190	10	Gamma Acquisition L.L.C	null	null	Gamma Acquisition L.L.C	Gamma Acquisition L.L.C
<input type="checkbox"/> <a href="#">WPQM977</a>	PCS Broadband	A11	Jones County	IA	98	1942.5	1945	2.5	MAC Wireless, LLC.	null	null	MAC Wireless, LLC.	MAC Wireless, LLC.
<input type="checkbox"/> <a href="#">WPQM977</a>	PCS Broadband	A11	Jones County	IA	98	1862.5	1865	2.5	MAC Wireless, LLC.	null	null	MAC Wireless, LLC.	MAC Wireless, LLC.
<input type="checkbox"/> <a href="#">WPQM977</a>	PCS Broadband	A10	Jones County	IA	98	1940	1942.5	2.5	MAC Wireless, LLC.	null	null	MAC Wireless, LLC.	MAC Wireless, LLC.
<input type="checkbox"/> <a href="#">WPQM977</a>	PCS Broadband	A10	Jones County	IA	98	1860	1862.5	2.5	MAC Wireless, LLC.	null	null	MAC Wireless, LLC.	MAC Wireless, LLC.
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	Cherokee County	IA	2235	1940	1942.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	Cherokee County	IA	2235	1860	1862.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	Cherokee County	IA	2235	1942.5	1945	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	Cherokee County	IA	2235	1862.5	1865	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	O&#39;Brien County	IA	0	1860	1862.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	O&#39;Brien County	IA	0	1862.5	1865	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	O&#39;Brien County	IA	0	1940	1942.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	O&#39;Brien County	IA	0	1942.5	1945	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	Plymouth County	IA	2681	1940	1942.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A10	Plymouth County	IA	2681	1860	1862.5	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	Plymouth County	IA	2681	1942.5	1945	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	Plymouth County	IA	2681	1862.5	1865	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation
<input type="checkbox"/> <a href="#">WPTJ811</a>	PCS Broadband	A11	Sioux County	IA	1443	1862.5	1865	2.5	West Iowa Wireless, LLC	null	null	West Iowa Wireless, LLC	Iowa Wireless Services Holding Corporation



# Licensing Database Query



## Queries

Select Query Table **Mobile Carrier Database** Max Rows Returned **100** [Submit Query](#) [Export Query](#) [Reset](#)

<input checked="" type="checkbox"/> CallSign	<input type="checkbox"/> MarketCode	<input checked="" type="checkbox"/> County	<input checked="" type="checkbox"/> Population	<input checked="" type="checkbox"/> TotalSpectrum	<input checked="" type="checkbox"/> Lease	<input type="checkbox"/> Reserved	<input checked="" type="checkbox"/> Future	<input type="checkbox"/> SubLeaseCC
<input type="checkbox"/> RadioServiceCode	<input type="checkbox"/> MarketName	<input checked="" type="checkbox"/> State	<input checked="" type="checkbox"/> LowerBand	<input checked="" type="checkbox"/> FCC	<input type="checkbox"/> LeaseCC	<input checked="" type="checkbox"/> Current	<input type="checkbox"/> FutureCC	<input type="checkbox"/> SubLeaseID
<input checked="" type="checkbox"/> RadioServiceDesc	<input checked="" type="checkbox"/> ChannelBlock	<input type="checkbox"/> FIPSCode	<input checked="" type="checkbox"/> UpperBand	<input type="checkbox"/> FCC_CC	<input checked="" type="checkbox"/> LeaseID2	<input type="checkbox"/> CurrentCC	<input type="checkbox"/> SubLease	<input type="checkbox"/> PendingTransFile

## Filters

Note: You need to save each filter to preserve it's effect on the grid

Selected Fields **No Selection** Selected Field Values **Wild Card Search** **Enter Search String** [Save Filter](#)

Filter	
Delete	[State] = 'NC'
Delete	[RadioServiceDesc] = '700 MHz Lower Band (Blocks A, B, E)'
Delete	[ChannelBlock] Like '%A%'

## Map Selection(s)

CallSign	RadioServiceDesc	ChannelBlock	County	State	Population	LowerBand	UpperBand	TotalSpectrum	FCC	Lease	LeaseID2	Current	Future
<input type="checkbox"/> WQIZ395	700 MHz Lower Band (Blocks A, B, E)	A	Jones County	NC	10153	728	734	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQIZ395	700 MHz Lower Band (Blocks A, B, E)	A	Jones County	NC	10153	698	704	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQIZ395	700 MHz Lower Band (Blocks A, B, E)	A	Wayne County	NC	122623	728	734	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQIZ402	700 MHz Lower Band (Blocks A, B, E)	A	Transylvania County	NC	33090	728	734	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQIZ402	700 MHz Lower Band (Blocks A, B, E)	A	Transylvania County	NC	33090	698	704	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQLE658	700 MHz Lower Band (Blocks A, B, E)	A	Harnett County	NC	114678	728	734	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQLE658	700 MHz Lower Band (Blocks A, B, E)	A	Harnett County	NC	114678	698	704	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQLE659	700 MHz Lower Band (Blocks A, B, E)	A	Ashe County	NC	27281	728	734	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQLE659	700 MHz Lower Band (Blocks A, B, E)	A	Ashe County	NC	27281	698	704	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQIZ402	700 MHz Lower Band (Blocks A, B, E)	A	Swain County	NC	13981	728	734	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQIZ402	700 MHz Lower Band (Blocks A, B, E)	A	Swain County	NC	13981	698	704	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC
<input type="checkbox"/> WQLE658	700 MHz Lower Band (Blocks A, B, E)	A	Edgecombe County	NC	56552	728	734	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQLE658	700 MHz Lower Band (Blocks A, B, E)	A	Edgecombe County	NC	56552	698	704	6	King Street Wireless, LP	-	-	King Street Wireless, LP	King Street Wireless, LP
<input type="checkbox"/> WQIZ395	700 MHz Lower Band (Blocks A, B, E)	A	Duplin County	NC	58505	728	734	6	USCOC OF GREATER NORTH CAROLINA, LLC	-	-	USCOC OF GREATER NORTH CAROLINA, LLC	USCOC OF GREATER NORTH CAROLINA, LLC

# Licensing Database - Detail

- Provides query access to either the Mobile Carrier Database or the Millimeter Wave Database.
- Additional fields can be selected in the checkbox menu.
- Multiple filters can be applied to narrow the results
- Results can be exported as a text file (.csv)



# Spectrum Survey



Select a County **CA\_Los Angeles County**

Export Query



CallSign	RadioServiceDesc	ChannelBlock	State	County	LowerBand	UpperBand	TotalSpectrum	Current	CurrentCC	Future	FutureCC
WQZM457	800MHz Band	A	CA	Los Angeles County	617	622	5	ParkerB.com Wireless L.L.C.	DSH	ParkerB.com Wireless L.L.C.	DSH
WQZM458	800MHz Band	B	CA	Los Angeles County	622	627	5	ParkerB.com Wireless L.L.C.	DSH	ParkerB.com Wireless L.L.C.	DSH
WQZL800	800MHz Band	C	CA	Los Angeles County	627	632	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQZL801	800MHz Band	D	CA	Los Angeles County	632	637	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQZL802	800MHz Band	E	CA	Los Angeles County	637	642	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WRCQ553	800MHz Band	F	CA	Los Angeles County	642	647	5	Channel 51 License Co LLC	COL	Channel 51 License Co LLC	COL
BI_PEA002_G	800MHz Band	G	CA	Los Angeles County	647	652	5	FCC	FCC	FCC	FCC
WQZM457	800MHz Band	A	CA	Los Angeles County	653	658	5	ParkerB.com Wireless L.L.C.	DSH	ParkerB.com Wireless L.L.C.	DSH
WQZM458	800MHz Band	B	CA	Los Angeles County	658	663	5	ParkerB.com Wireless L.L.C.	DSH	ParkerB.com Wireless L.L.C.	DSH
WQZL800	800MHz Band	C	CA	Los Angeles County	673	678	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQZL801	800MHz Band	D	CA	Los Angeles County	678	683	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQZL802	800MHz Band	E	CA	Los Angeles County	683	688	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WRCQ553	800MHz Band	F	CA	Los Angeles County	688	693	5	Channel 51 License Co LLC	COL	Channel 51 License Co LLC	COL
BI_PEA002_G	800MHz Band	G	CA	Los Angeles County	693	698	5	FCC	FCC	FCC	FCC
WQJQ717	700 MHz Lower Band (Blocks A, B, E)	A	CA	Los Angeles County	698	704	6	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQJQ721	700 MHz Lower Band (Blocks A, B, E)	B	CA	Los Angeles County	704	710	6	AT&T Mobility LLC	ATT	AT&T Mobility LLC	ATT
WPWU990	700 MHz Lower Band (Blocks C, D)	C	CA	Los Angeles County	710	716	6	AT&T Mobility II LLC	ATT	AT&T Mobility II LLC	ATT
WPWU999	700 MHz Lower Band (Blocks C, D)	D	CA	Los Angeles County	716	722	6	New Circular Wireless PCS, LLC	ATT	New Circular Wireless PCS, LLC	ATT
WQJZ619	700 MHz Lower Band (Blocks A, B, E)	E	CA	Los Angeles County	722	728	6	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
WQJQ717	700 MHz Lower Band (Blocks A, B, E)	A	CA	Los Angeles County	728	734	6	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQJQ721	700 MHz Lower Band (Blocks A, B, E)	B	CA	Los Angeles County	734	740	6	AT&T Mobility LLC	ATT	AT&T Mobility LLC	ATT
WPWU990	700 MHz Lower Band (Blocks C, D)	C	CA	Los Angeles County	740	746	6	AT&T Mobility II LLC	ATT	AT&T Mobility II LLC	ATT
WQJQ694	700 MHz Upper Band (Block C)	C	CA	Los Angeles County	746	757	11	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
FN_CA	Public Safety Nationwide Broadband (D Block) (758-763MHz and 788-793MHz)	D	CA	Los Angeles County	758	763	5	AT&T	ATT	AT&T	ATT
PS_CA	Public Safety Broadband (763-769MHz and 793-799MHz)	D	CA	Los Angeles County	763	762	5	AT&T	ATT	AT&T	ATT
WQJQ694	700 MHz Upper Band (Block C)	C	CA	Los Angeles County	776	787	11	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
FN_CA	Public Safety Nationwide Broadband (D Block) (768-783MHz and 788-793MHz)	D	CA	Los Angeles County	788	793	5	AT&T	ATT	AT&T	ATT
PS_CA	Public Safety Broadband (783-799MHz and 793-799MHz)	D	CA	Los Angeles County	793	798	5	AT&T	ATT	AT&T	ATT
WPOH384	SMR, 806-821/851-866 MHz, Auctioned	B	CA	Los Angeles County	817	817.4	0.4	NEXTEL OF CALIFORNIA, INC.	SPR	NEXTEL OF CALIFORNIA, INC.	SPR
WPOH384	SMR, 806-821/851-866 MHz, Auctioned	B	CA	Los Angeles County	817.4	818	0.6	NEXTEL OF CALIFORNIA, INC.	SPR	NEXTEL OF CALIFORNIA, INC.	SPR
YH_EA180_X	SMR, 806-821/851-866 MHz, Auctioned (Rebanded YC license)	X	CA	Los Angeles County	818	824	6	Sprint	SPR	Sprint	SPR
KNKA351	Cellular	A	CA	Los Angeles County	824	835	11	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
KNKA209	Cellular	B	CA	Los Angeles County	835	845	10	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
KNKA351	Cellular	A	CA	Los Angeles County	845	846.5	1.5	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
KNKA209	Cellular	B	CA	Los Angeles County	846.5	849	2.5	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
WPOH384	SMR, 806-821/851-866 MHz, Auctioned	B	CA	Los Angeles County	862	862.4	0.4	NEXTEL OF CALIFORNIA, INC.	SPR	NEXTEL OF CALIFORNIA, INC.	SPR
WPOH384	SMR, 806-821/851-866 MHz, Auctioned	B	CA	Los Angeles County	862.4	863	0.6	NEXTEL OF CALIFORNIA, INC.	SPR	NEXTEL OF CALIFORNIA, INC.	SPR
YH_EA180_X	SMR, 806-821/851-866 MHz, Auctioned (Rebanded YC license)	X	CA	Los Angeles County	863	869	6	Sprint	SPR	Sprint	SPR
KNKA351	Cellular	A	CA	Los Angeles County	869	880	11	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
KNKA209	Cellular	B	CA	Los Angeles County	880	890	10	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
KNKA351	Cellular	A	CA	Los Angeles County	890	891.5	1.5	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
KNKA209	Cellular	B	CA	Los Angeles County	891.5	894	2.5	Los Angeles SMSA Limited Partnership	VZW	Los Angeles SMSA Limited Partnership	VZW
WQJWQ728	AWS-3 (1695-1710 MHz, 1755-1780 MHz, and 2155-2180 MHz)	A1	CA	Los Angeles County	1695	1700	5	Northstar Wireless, LLC	DSH	Northstar Wireless, LLC	DSH
WQJWQ728	AWS-3 (1695-1710 MHz, 1755-1780 MHz, and 2155-2180 MHz)	B1	CA	Los Angeles County	1700	1710	10	SNR Wireless LicenseCo, LLC	DSH	SNR Wireless LicenseCo, LLC	DSH
WQGA742	AWS, 1710-1755/2110-2155 MHz bands	A1	CA	Los Angeles County	1710	1715	5	AT&T Mobility Spectrum LLC	ATT	AT&T Mobility Spectrum LLC	ATT
WQSH611	AWS, 1710-1755/2110-2155 MHz bands	A2	CA	Los Angeles County	1715	1720	5	Celco Partnership	VZW	Celco Partnership	VZW
WQGB222	AWS, 1710-1755/2110-2155 MHz bands	B1	CA	Los Angeles County	1720	1725	5	Celco Partnership	VZW	Celco Partnership	VZW
WQGB222	AWS, 1710-1755/2110-2155 MHz bands	B2	CA	Los Angeles County	1725	1730	5	Celco Partnership	VZW	Celco Partnership	VZW
WQTX808	AWS, 1710-1755/2110-2155 MHz bands	C	CA	Los Angeles County	1730	1735	5	Celco Partnership	VZW	Celco Partnership	VZW
WQGA732	AWS, 1710-1755/2110-2155 MHz bands	D	CA	Los Angeles County	1735	1740	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQPG222	AWS, 1710-1755/2110-2155 MHz bands	E	CA	Los Angeles County	1740	1745	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQGB379	AWS, 1710-1755/2110-2155 MHz bands	F1	CA	Los Angeles County	1745	1750	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO
WQGB379	AWS, 1710-1755/2110-2155 MHz bands	F2	CA	Los Angeles County	1750	1755	5	T-Mobile License LLC	TMO	T-Mobile License LLC	TMO

# Spectrum Survey

- Details all of the current and future spectrum holders for a selected county
- Pre-sorted from lowest frequency to highest frequency
- Can be exported to an Excel .csv file



# Monthly Pricing

	Web Spectrum Viewer	Monthly Subscription		
Country	Version	Basic	Analysis	Mapping
	Mobile Carrier	\$500	\$500 <sup>1</sup>	\$250
	Millimeter Wave	\$500	\$500 <sup>2</sup>	\$250
	Mobile Carrier	\$1,000 <sup>3</sup>		
	Millimeter Wave	\$1,000 <sup>4</sup>		
	Mobile Carrier	\$1,000 <sup>5</sup>		

<sup>1</sup> Monthly - USA Mobile Carrier - Spectrum Ownership Analysis Tool (Excel)

<sup>2</sup> Monthly - USA Millimeter Wave - Spectrum Ownership Analysis Tool (Excel)

<sup>3</sup> Monthly - CAN Mobile Carrier - Spectrum Ownership Analysis Tool (Excel)





<sup>4</sup> Monthly - CAN Millimeter Wave - Spectrum Ownership Analysis Tool (Excel)

<sup>5</sup> Monthly - MEX Mobile Carrier - Spectrum Ownership Analysis Tool (Excel)

Minimum subscription term is 6 months. Monthly subscriptions are company-wide licenses. Access is granted to all individuals that utilize a common email domain (e.g. @allnetinsights.com)



# One-Time Pricing

		Spectrum Tools	One-Time Purchase
		Mobile Carrier - Spectrum Ownership Analysis Tool	\$4495/ea
		Millimeter Wave - Spectrum Ownership Analysis Tool	\$3495/ea
		Both Mobile Carrier	\$8,490
		Both Millimeter Wave	\$8,490

- One-time purchases and monthly subscriptions are company-wide licenses – access is granted to all individuals that utilize a common email domain (e.g. @allnetinsights.com)



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