



PUBLIC NOTICE

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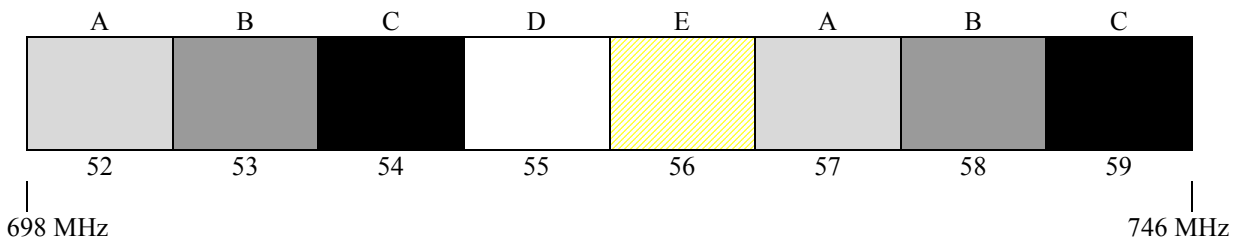
AUCTION OF LICENSES IN THE 698-746 MHz BAND SCHEDULED FOR JUNE 19, 2002

COMMENT SOUGHT ON RESERVE PRICES OR MINIMUM OPENING BIDS AND OTHER AUCTION PROCEDURAL ISSUES

Report No. AUC-02-44-A (Auction No. 44)

By this Public Notice, the Wireless Telecommunications Bureau (“Bureau”) announces the auction of licenses for Fixed, Mobile, and Broadcasting services in the 698-746 MHz (“Lower 700 MHz”) band (“Auction No. 44”) scheduled to commence on June 19, 2002.¹ The Lower 700 MHz band consists of 758 licenses. Two 12-megahertz blocks consisting of a pair of 6 megahertz segments and two 6-megahertz blocks of contiguous, unpaired spectrum will be offered in each of six regions known as the 700 MHz band economic area groupings (700 MHz band EAGs). Additionally, one 12-megahertz block consisting of a pair of 6 megahertz segments will be offered in each of 734 MSA/RSAs.²

The following table contains the block/frequency cross-reference for the 698-746 MHz band and also shows the current television channelization:



¹ See Reallocation and Service Rules for the 698-746 Spectrum MHz Band (Television Channels 52-59), GN Docket 01-74, *Report and Order*, FCC 01-364 (rel. January 18, 2002).

² For the Lower 700 MHz band, the Commission adopted Metropolitan Statistical Areas (MSAs) and Rural Service Areas (RSAs) as defined by Public Notice Report No. CL-92-40 “Common Carrier Public Mobile Services Information, Cellular MSA/RSA Markets and Counties,” dated January 24, 1992, DA 92-109, 7 FCC Rcd 742 (1992), with the following modifications: (i) the service areas of cellular markets that border the U.S. coastline of the Gulf of Mexico extend 12 nautical miles from the U.S. Gulf coastline; and (ii) the service area of cellular market 306 that comprises the water area of the Gulf of Mexico extends from 12 nautical miles off the U.S. Gulf coast outward into the Gulf. See 47 C.F.R. § 27.6(c)(2).

<u>Block</u>	<u>Frequencies</u>	<u>Bandwidth</u>	<u>Pairing</u>	<u>Geographic Area Type</u>	<u>No. of Licenses</u>
A	698-704, 728-734	12 MHz	2 x 6 MHz	700 MHz EAG	6
B	704-710, 734-740	12 MHz	2 x 6 MHz	700 MHz EAG	6
C	710-716, 740-746	12 MHz	2 x 6 MHz	MSA/RSA	734
D	716-722	6 MHz	unpaired	700 MHz EAG	6
E	722-728	6 MHz	unpaired	700 MHz EAG	6

The Balanced Budget Act of 1997 requires the Commission to “ensure that, in the scheduling of any competitive bidding under this subsection, an adequate period is allowed . . . before issuance of bidding rules, to permit notice and comment on proposed auction procedures”³ Consistent with the provisions of the Balanced Budget Act and to ensure that potential bidders have adequate time to familiarize themselves with the specific rules that will govern the day-to-day conduct of an auction, the Commission directed the Bureau, under its existing delegated authority,⁴ to seek comment on a variety of auction-specific procedures prior to the start of each auction.⁵ We therefore seek comment on the following issues relating to Auction No. 44.

I. Auction Structure

A. Auction Inventory

The Bureau offers two options for grouping the 758 licenses in the Lower 700 MHz band. We seek comment on the following:

1. Group all 758 licenses together in Auction No. 44, which the Bureau proposes to structure as a simultaneous multiple round (SMR) auction as described below.
2. Include only the 734 MSA/RSA Lower 700 MHz band licenses in Auction No. 44 and group the 24 licenses based on 700 MHz EAGs with the 12 licenses in the 747-762 and 777-792 MHz bands (“Upper 700 MHz” bands) currently scheduled to be auctioned in Auction No. 31.⁶ Should we group

³ See 47 U.S.C. § 309(j) (as amended by Section 3002(a)(E)(i), Balanced Budget Act of 1997, Pub. L. 105-33, 111 Stat. 251 (1997) (“Balanced Budget Act”).

⁴ See Amendment of Part 1 of the Commission’s Rules — Competitive Bidding Proceeding, WT Docket No. 97-82, *Order, Memorandum Opinion and Order, and Notice of Proposed Rule Making*, 12 FCC Rcd 5686, 5697, ¶ 16 (1997) (“*Part 1 Order*”) (“We also clarify that pursuant to Section 0.131 of our rules, the Chief, Wireless Telecommunications Bureau, has delegated authority to implement all of the Commission’s rules pertaining to auctions procedures.”).

⁵ See Amendment of Part 1 of the Commission’s Rules — Competitive Bidding Procedures, Allocation of Spectrum Below 5 GHz Transferred from Federal Government Use, 4660-4685 MHz, WT Docket No. 97-82, ET Docket No. 94-32, *Third Report and Order and Second Further Notice of Proposed Rule Making*, 13 FCC Rcd 374, 448, ¶ 124 (1998) (“*Part 1 Third Report and Order*”). The Commission directed the Bureau to seek comment on specific mechanisms related to day-to-day auction conduct including, for example, the structure of bidding rounds and stages, establishment of minimum opening bids or reserve prices, minimum accepted bids, initial maximum eligibility for each bidder, activity requirements for each stage of the auction, activity rule waivers, criteria for determining reductions in eligibility, information regarding bid withdrawal and bid removal, stopping rules, and information relating to auction delay, suspension or cancellation. *Id.* at ¶ 125.

⁶ See Auction of Licenses for 747-762 and 777-792 MHz Bands (Auction No. 31) Scheduled for June 19, 2002, Public Notice, DA 01-2394, (rel. October 15, 2001); Auction of Licenses in the 747-762 and 777-792 MHz Bands; Auction Notice and Filing Requirements for 12 Licenses in the 700 MHz Bands Auction Scheduled for May 10, 2000; Minimum Opening Bids and Other Auction Procedural Issues, *Public Notice*, DA 00-292, 15 FCC Rcd 2921 (2000).

according to this option, the 36 700 MHz EAG licenses from the Upper and Lower bands would be auctioned according to the procedures established for Auction No. 31, including any modifications to the procedures that the Bureau may establish before the auction begins.

B. Simultaneous Multiple Round (SMR) Auction Design

We propose to award all licenses included in Auction No. 44 in a single, simultaneous multiple-round auction. As described further below, this methodology offers every license for bid at the same time with successive bidding rounds in which bidders may place bids. We seek comment on this proposal.

C. Upfront Payments and Initial Maximum Eligibility

The Bureau has been delegated authority and discretion to determine an appropriate upfront payment for each license being auctioned, taking into account such factors as the population in each geographic license area, and the value of similar spectrum.⁷ As described further below, the upfront payment is a refundable deposit made by each bidder to establish eligibility to bid on licenses. Upfront payments related to the specific spectrum subject to auction protect against frivolous or insincere bidding and provide the Commission with a source of funds from which to collect payments owed at the close of the auction.⁸ With these guidelines in mind for Auction No. 44, we propose to calculate upfront payments on a license-by-license basis using the following formula:

$$\$0.0125 * \text{MHz} * \text{License Area Population}^9 \text{ with a minimum of } \$1,000 \text{ per license.}^{10}$$

Accordingly, we list all licenses, including the related license area population and proposed upfront payment for each, in Attachment A. We seek comment on this proposal.

We further propose that the amount of the upfront payment submitted by a bidder will determine the number of bidding units on which a bidder may place bids. This limit is a bidder's "maximum initial eligibility." Each license is assigned a specific number of bidding units equal to the upfront payment listed in Attachment A, on a bidding unit per dollar basis. This number does not change as prices rise during the auction. A bidder's upfront payment is not attributed to specific licenses. Rather, a bidder may place bids on any combination of licenses as long as the total number of bidding units associated with those licenses does not exceed its maximum initial eligibility. Eligibility cannot be increased during the auction. Thus, in calculating its upfront payment amount, an applicant must determine the **maximum** number of bidding units it may wish to bid on (or hold high bids on) in any single round, and submit an upfront payment covering that number of bidding units. We seek comment on this proposal.

With respect to the 700 MHz EAG licenses, we note that the populations for the various regions are very similar. That being the case, we seek comment on whether, instead of applying the above formula, the upfront payments should be the same for licenses of the same bandwidth. That is, each of the A block and B block licenses would have the same upfront payment amount and associated number of bidding units,

⁷ See *Part 1 Order*, 12 FCC Rcd at 5697-98, ¶ 16; see also *Part 1 Third Report and Order*, 13 FCC Rcd at 425, ¶ 86.

⁸ See Implementation of Section 309(j) of the Communications Act - Competitive Bidding, PP Docket No. 93-253, *Second Report and Order*, 9 FCC Rcd 2348, 2378-79, ¶¶ 171-176 (1994).

⁹ All population figures are from the 4/1/90 U.S. Census, U.S. Department of Commerce, Bureau of the Census.

¹⁰ Results below \$10,000 are rounded to the nearest hundred; results above \$10,000 are rounded to the nearest thousand.

and each of the D block and E block licenses would have the same upfront payment amount and associated number of bidding units.

D. Activity Rules

In order to ensure that the auction closes within a reasonable period of time, an activity rule requires bidders to bid actively on a percentage of their maximum bidding eligibility during each round of the auction rather than waiting until the end to participate. A bidder that does not satisfy the activity rule will either lose bidding eligibility in the next round or must use an activity rule waiver (if any remain).

We propose to divide the auction into three stages, each characterized by an increased activity requirement. The auction will start in Stage One. We propose that the auction generally will advance to the next stage (i.e., from Stage One to Stage Two, and from Stage Two to Stage Three) when the auction activity level, as measured by the percentage of bidding units receiving new high bids, is approximately twenty percent or below for three consecutive rounds of bidding. However, we further propose that the Bureau retain the discretion to change stages unilaterally by announcement during the auction. In exercising this discretion, the Bureau will consider a variety of measures of bidder activity, including, but not limited to, the auction activity level, the percentage of licenses (as measured in bidding units) on which there are new bids, the number of new bids, and the percentage increase in revenue.¹¹ We seek comment on these proposals.

For Auction No. 44, we propose the following activity requirements:

Stage One: In each round of the first stage of the auction, a bidder desiring to maintain its current eligibility is required to be active on licenses representing at least 80 percent of its current bidding eligibility. Failure to maintain the requisite activity level will result in a reduction in the bidder's bidding eligibility in the next round of bidding (unless an activity rule waiver is used). During Stage One, reduced eligibility for the next round will be calculated by multiplying the current round activity by five-fourths (5/4).

Stage Two: In each round of the second stage, a bidder desiring to maintain its current eligibility is required to be active on 90 percent of its current bidding eligibility. During Stage Two, reduced eligibility for the next round will be calculated by multiplying the current round activity by ten-ninths (10/9).

Stage Three: In each round of the third stage, a bidder desiring to maintain its current eligibility is required to be active on 98 percent of its current bidding eligibility. In this final stage, reduced eligibility for the next round will be calculated by multiplying the current round activity by fifty/forty-ninths (50/49).

We seek comment on these proposals. If commenters believe that these activity rules should be changed, they should explain their reasoning and comment on the desirability of an alternative approach. Commenters are advised to support their claims with analyses and suggested alternative activity rules.

E. Activity Rule Waivers and Reducing Eligibility

Use of an activity rule waiver preserves the bidder's current bidding eligibility despite the bidder's activity in the current round being below the required minimum level. An activity rule waiver applies to an entire round of bidding and not to a particular license. Activity waivers are principally a mechanism for auction

¹¹ In the event that total upfront payments for the auction do not purchase at least as many bidding units of eligibility as there are bidding units available in the auction, we may consider the percentage of bidding units of the total eligibility receiving new high bids, not the percentage of bidding units available in the auction receiving new high bids, when monitoring activity for determining when to change stages.

participants to avoid the loss of auction eligibility in the event that exigent circumstances prevent them from placing a bid in a particular round.

The FCC auction system assumes that bidders with insufficient activity would prefer to use an activity rule waiver (if available) rather than lose bidding eligibility. Therefore, the system will automatically apply a waiver (known as an “automatic waiver”) at the end of any bidding period where a bidder’s activity level is below the minimum required unless: (1) there are no activity rule waivers available; or (2) the bidder overrides the automatic application of a waiver by reducing eligibility, thereby meeting the minimum requirements.

A bidder with insufficient activity may wish to reduce its bidding eligibility rather than use an activity rule waiver. If so, the bidder must affirmatively override the automatic waiver mechanism during the bidding period by using the reduce eligibility function in the bidding system. In this case, the bidder’s eligibility is permanently reduced to bring the bidder into compliance with the activity rules as described above. Once eligibility has been reduced, a bidder will not be permitted to regain its lost bidding eligibility.

A bidder may proactively use an activity rule waiver as a means to keep the auction open without placing a bid. If a bidder submits a proactive waiver (using the proactive waiver function in the bidding system) during a bidding period in which no bids or withdrawals are submitted, the auction will remain open and the bidder’s eligibility will be preserved. An automatic waiver invoked in a round in which there are no new valid bids or withdrawals will not keep the auction open.

We propose that each bidder be provided with five activity rule waivers that may be used at the bidder’s discretion during the course of the auction as set forth above. We seek comment on this proposal.

F. Information Relating to Auction Delay, Suspension, or Cancellation

For Auction No. 44, we propose that, by public notice or by announcement during the auction, the Bureau may delay, suspend, or cancel the auction in the event of natural disaster, technical obstacle, evidence of an auction security breach, unlawful bidding activity, administrative or weather necessity, or for any other reason that affects the fair and efficient conduct of competitive bidding.¹² In such cases, the Bureau, in its sole discretion, may elect to resume the auction starting from the beginning of the current round, resume the auction starting from some previous round, or cancel the auction in its entirety. Network interruption may cause the Bureau to delay or suspend the auction. We emphasize that exercise of this authority is solely within the discretion of the Bureau, and its use is not intended to be a substitute for situations in which bidders may wish to apply their activity rule waivers. We seek comment on this proposal.

II. Bidding Procedures

A. Round Structure

The Commission will conduct Auction No. 44 over the Internet. Telephonic Bidding will also be available. As a contingency, the FCC Wide Area Network, which requires access to a 900 number telephone service, will be available as well. Full information regarding how to establish such a connection, and related charges, will be provided in the public notice announcing details of auction procedures.

In past auctions, we have used the timing of bids to select a high bidder when multiple bidders submit identical high bids on a license in a given round. Given that bidders will access the Internet at differing speeds, we will not use this procedure in Auction No. 44. For Auction No. 44, we propose to use a random

¹² See 47 C.F.R. § 1.2104(i).

number generator to select a high bidder from among such bidders. As with prior auctions, remaining bidders will be able to submit higher bids in subsequent rounds.

The initial bidding schedule will be announced in a public notice to be released at least one week before the start of the auction, and will be included in the registration mailings. The simultaneous multiple round format will consist of sequential bidding rounds, each followed by the release of round results. Details regarding the location and format of round results will be included in the same public notice.

The Bureau has discretion to change the bidding schedule in order to foster an auction pace that reasonably balances speed with the bidders' need to study round results and adjust their bidding strategies. The Bureau may increase or decrease the amount of time for the bidding rounds and review periods, or the number of rounds per day, depending upon the bidding activity level and other factors. We seek comment on this proposal.

B. Reserve Price or Minimum Opening Bid

The Balanced Budget Act calls upon the Commission to prescribe methods for establishing a reasonable reserve price or a minimum opening bid when FCC licenses are subject to auction unless the Commission determines that a reserve price or minimum opening bid is not in the public interest.¹³ Consistent with this mandate, the Commission has directed the Bureau to seek comment on the use of a minimum opening bid and/or reserve price prior to the start of each auction.¹⁴

Normally, a reserve price is an absolute minimum price below which an item will not be sold in a given auction. Reserve prices can be either published or unpublished. A minimum opening bid, on the other hand, is the minimum bid price set at the beginning of the auction below which **no bids** are accepted. It is generally used to accelerate the competitive bidding process. Also, the auctioneer often has the discretion to lower the minimum opening bid amount later in the auction. It is also possible for the minimum opening bid and the reserve price to be the same amount.

In light of the Balanced Budget Act's requirements, the Bureau proposes to establish minimum opening bids for Auction No. 44. The Bureau believes a minimum opening bid, which has been utilized in other auctions, is an effective bidding tool.¹⁵

Specifically, for Auction No. 44, the Commission proposes the following license-by-license formula for calculating minimum opening bids:

$$\$0.0250 * \text{MHz} * \text{License Area Population}^{16} \text{ with a minimum of } \$1,000 \text{ per license.}^{17}$$

¹³ See 47 U.S.C. § 309(j) (as amended by Balanced Budget Act, Section 3002(a)). The Commission's authority to establish a reserve price or minimum opening bid is set forth in 47 C.F.R. § 1.2104(c) and (d).

¹⁴ See *Part I Third Report and Order*, 13 FCC Rcd at 454-455, ¶ 141.

¹⁵ See, e.g., Auction of 800 MHz SMR Upper 10 MHz Band, Minimum Opening Bids or Reserve Prices, *Order*, 12 FCC Rcd 16354 (1997); Auction of the Phase II 220 MHz Service Licenses, Auction Notice and Filing Requirements for 908 Licenses Consisting of Economic Area (EA), Economic Area Grouping (EAG), and Nationwide Licenses, Scheduled for September 15, 1998, Minimum Opening Bids and Other Procedural Issues, *Public Notice*, 13 FCC Rcd 16445 (1998).

¹⁶ All population figures are from the 4/1/90 U.S. Census, U.S. Department of Commerce, Bureau of the Census.

¹⁷ Results below \$10,000 are rounded to the nearest hundred; results above \$10,000 are rounded to the nearest thousand.

The specific minimum opening bid for each license available in Auction No. 44 is set forth in Attachment A herein. Comment is sought on this proposal.

If commenters believe that these minimum opening bids will result in substantial numbers of unsold licenses, or are not reasonable amounts, or should instead operate as reserve prices, they should explain why this is so, and comment on the desirability of an alternative approach. Commenters are advised to support their claims with valuation analyses and suggested reserve prices or minimum opening bid levels or formulas. In establishing the minimum opening bids, we particularly seek comment on such factors as the amount of spectrum being auctioned, levels of incumbency, the availability of technology to provide service, the size of the geographic service areas, issues of interference with other spectrum bands and any other relevant factors that could reasonably have an impact on valuation of the 698-746 MHz spectrum. Alternatively, comment is sought on whether, consistent with the Balanced Budget Act, the public interest would be served by having no minimum opening bid or reserve price.

With respect to the 700 MHz EAG licenses, we note that the populations for the various regions are very similar. That being the case, we seek comment on whether, instead of applying the above formula, the minimum opening bids should be the same for licenses of the same bandwidth. That is, the minimum opening bid would be the same for each of the A block and B block licenses, and the minimum opening bid would be the same for each of the D block and E block licenses.

C. Minimum Acceptable Bids and Bid Increments

In each round, eligible bidders will be able to place bids on a given license in any of nine different amounts.¹⁸ The Auctions Bidding System interface will list the nine acceptable bid amounts for each license.

Once there is a standing high bid on a license, the Auctions Bidding System will calculate a minimum acceptable bid for that license for the following round, as described below. The difference between the minimum acceptable bid and the standing high bid for each license will define the **bid increment**. The nine acceptable bid amounts for each license consist of the minimum acceptable bid (the standing high bid plus one bid increment) and additional amounts calculated using multiple bid increments (i.e., the second bid amount equals the standing high bid plus two times the bid increment, the third bid amount equals the standing high bid plus three times the bid increment, etc.).

Until a bid has been placed on a license, the minimum acceptable bid for that license will be equal to its minimum opening bid. The additional bid amounts for licenses that have not yet received a bid will be calculated differently, as explained below.

For Auction No. 44, we propose to calculate minimum acceptable bids by using a smoothing methodology, as we have done in several other auctions. The smoothing formula calculates minimum acceptable bids by first calculating a **percentage increment**, not to be confused with the **bid increment**, for each license based on a weighted average of the activity received on that particular license in all previous rounds. This methodology tailors the percentage increment for each license based on activity, rather than setting a global increment for all licenses.

In a given round, the calculation of the percentage increment for each license is made at the end of the previous round. The computation is based on an activity index, which is calculated as the weighted average of the activity in that round and the activity index from the prior round. The activity index at the start of the auction (round 0) will be set at 0. The current activity index is equal to a weighting factor times the

¹⁸ Bidders must have sufficient eligibility to place a bid on the particular license. See Section I(B) (“Upfront Payments and Initial Maximum Eligibility”), *supra*.

number of new bids received on the license in the most recent bidding round plus one minus the weighting factor times the activity index from the prior round. The activity index is then used to calculate a percentage increment by multiplying a minimum percentage increment by one plus the activity index with that result being subject to a maximum percentage increment. The Commission will initially set the weighting factor at 0.5, the minimum percentage increment at 0.1 (10%), and the maximum percentage increment at 0.2 (20%).

Equations

$$A_i = (C * B_i) + ((1-C) * A_{i-1})$$

$$I_{i+1} = \text{smaller of } ((1 + A_i) * N) \text{ and } M$$

$$X_{i+1} = I_{i+1} * Y_i$$

where,

A_i = activity index for the current round (round i)

C = activity weight factor

B_i = number of bids in the current round (round i)

A_{i-1} = activity index from previous round (round i-1), A_0 is 0

I_{i+1} = percentage increment for the next round (round i+1)

N = minimum percentage increment or percentage increment floor

M = maximum percentage increment or percentage increment ceiling

X_{i+1} = dollar amount associated with the percentage increment

Y_i = high bid from the current round

Under the smoothing methodology, once a bid has been received on a license, the minimum acceptable bid for that license in the following round will be the high bid from the current round plus the dollar amount associated with the percentage increment, with the result rounded to the nearest thousand if it is over ten thousand or to the nearest hundred if it is under ten thousand.

Examples

License 1

C=0.5, N = 0.1, M = 0.2

Round 1 (2 new bids, high bid = \$1,000,000)

1. Calculation of percentage increment for round 2 using the smoothing formula:

$$A_1 = (0.5 * 2) + (0.5 * 0) = 1$$

$$I_2 = \text{The smaller of } ((1 + 1) * 0.1) = 0.2 \text{ or } 0.2 \text{ (the maximum percentage increment)}$$

2. Calculation of dollar amount associated with the percentage increment for round 2 (using I_2 from above):

$$X_2 = 0.2 * \$1,000,000 = \$200,000$$

3. Minimum acceptable bid for round 2 = \$1,200,000

Round 2 (3 new bids, high bid = \$2,000,000)

1. Calculation of percentage increment for round 3 using the smoothing formula:

$$A_2 = (0.5 * 3) + (0.5 * 1) = 2$$

$$I_3 = \text{The smaller of } ((1 + 2) * 0.1) = 0.3 \text{ or } 0.2 \text{ (the maximum percentage increment)}$$

2. Calculation of dollar amount associated with the percentage increment for round 3 (using I_3 from above):

$$X_3 = 0.2 * \$2,000,000 = \$400,000$$

3. Minimum acceptable bid for round 3 = \$2,400,000

Round 3 (1 new bid, high bid = \$2,400,000)

1. Calculation of percentage increment for round 4 using the smoothing formula:

$$A_3 = (0.5 * 1) + (0.5 * 2) = 1.5$$

$$I_4 = \text{The smaller of } ((1 + 1.5) * 0.1) = 0.25 \text{ or } 0.2 \text{ (the maximum percentage increment)}$$

2. Calculation of dollar amount associated with the percentage increment for round 4 (using I_4 from above):

$$X_4 = 0.2 * \$2,400,000 = \$480,000$$

3. Minimum acceptable bid for round 4 = \$2,880,000

As stated above, until a bid has been placed on a license, the minimum acceptable bid for that license will be equal to its minimum opening bid. The additional bid amounts are calculated using the difference between the minimum opening bid times one plus the minimum percentage increment, rounded as described above, and the minimum opening bid. That is, $I = (\text{minimum opening bid})(1 + N)\{\text{rounded}\} - (\text{minimum opening bid})$. Therefore, when N equals 0.1, the first additional bid amount will be approximately ten percent higher than the minimum opening bid; the second, twenty percent; the third, thirty percent; etc.

In the case of a license for which the standing high bid has been withdrawn,¹⁹ the minimum acceptable bid will equal the second highest bid received for the license. The additional bid amounts are calculated using the difference between the second highest bid times one plus the minimum percentage increment, rounded, and the second highest bid.

The Bureau retains the discretion to change the minimum acceptable bids and bid increments if it determines that circumstances so dictate. The Bureau will do so by announcement in the Auctions Bidding System. We seek comment on these proposals.

D. Information Regarding Bid Withdrawal and Bid Removal

For Auction No. 44, we propose the following bid removal and bid withdrawal procedures. Before the close of a bidding period, a bidder has the option of removing any bid placed in that round. By using the remove selected bids function in the bidding system, a bidder may effectively “unsubmit” any bid placed within that round. A bidder removing a bid placed in the same round is not subject to a withdrawal payment. Once a round closes, a bidder may no longer remove a bid.

A high bidder may withdraw its standing high bids from previous rounds using the withdraw function in the bidding system. A high bidder that withdraws its standing high bid from a previous round is subject to the bid withdrawal payment provisions of the Commission rules.²⁰ We seek comment on these bid removal and bid withdrawal procedures.

In the Part 1 Third Report and Order, the Commission explained that allowing bid withdrawals facilitates efficient aggregation of licenses and the pursuit of efficient backup strategies as information becomes available during the course of an auction. The Commission noted, however, that, in some instances, bidders may seek to withdraw bids for improper reasons. The Bureau, therefore, has discretion, in managing the auction, to limit the number of withdrawals to prevent any bidding abuses. The Commission

¹⁹ See Section II(D) “Information Regarding Bid Withdrawal and Bid Removal,” *infra*.

²⁰ See 47 C.F.R. §§ 1.2104(g), 1.2109.

stated that the Bureau should assertively exercise its discretion, consider limiting the number of rounds in which bidders may withdraw bids, and prevent bidders from bidding on a particular market if the Bureau finds that a bidder is abusing the Commission's bid withdrawal procedures.²¹

Applying this reasoning, we propose to limit each bidder in Auction No. 44 to withdrawing standing high bids in no more than two rounds during the course of the auction. To permit a bidder to withdraw bids in more than two rounds would likely encourage insincere bidding or the use of withdrawals for anti-competitive purposes. The two rounds in which withdrawals are utilized will be at the bidder's discretion; withdrawals otherwise must be in accordance with the Commission's rules. There is no limit on the number of standing high bids that may be withdrawn in either of the rounds in which withdrawals are utilized. Withdrawals will remain subject to the bid withdrawal payment provisions specified in the Commission's rules. We seek comment on this proposal.

E. Stopping Rule

The Bureau has discretion "to establish stopping rules before or during multiple round auctions in order to terminate the auction within a reasonable time."²² For Auction No. 44, the Bureau proposes to employ a simultaneous stopping rule approach. A simultaneous stopping rule means that all licenses remain open until bidding closes simultaneously on all licenses.

Bidding will close simultaneously on all licenses after the first round in which no new acceptable bids, proactive waivers, or withdrawals are received. Thus, unless circumstances dictate otherwise, bidding will remain open on all licenses until bidding stops on every license.

However, the Bureau proposes to retain the discretion to exercise any of the following options during Auction No. 44:

1. Utilize a modified version of the simultaneous stopping rule. The modified stopping rule would close the auction for all licenses after the first round in which no bidder submits a proactive waiver, withdrawal, or a new bid on any license on which it is not the standing high bidder. Thus, absent any other bidding activity, a bidder placing a new bid on a license for which it is the standing high bidder would not keep the auction open under this modified stopping rule. The Bureau further seeks comment on whether this modified stopping rule should be used at any time or only in stage three of the auction.
2. Keep the auction open even if no new acceptable bids or proactive waivers are submitted and no previous high bids are withdrawn. In this event, the effect will be the same as if a bidder had submitted a proactive waiver. The activity rule, therefore, will apply as usual, and a bidder with insufficient activity will either lose bidding eligibility or use a remaining activity rule waiver.
3. Declare that the auction will end after a specified number of additional rounds ("special stopping rule"). If the Bureau invokes this special stopping rule, it will accept bids in the specified final round(s) only for licenses on which the high bid increased in at least one of a specified preceding number of rounds.

We seek comment on these proposals.

III. Conclusion

Comments are due on or before February 6, 2002, and reply comments are due on or before February 13, 2002. Because of the disruption of regular mail and other deliveries in Washington, DC, the Bureau

²¹ *Part 1 Third Report and Order*, 13 FCC Rcd at 460, ¶ 150.

²² *See* 47 C.F.R. § 1.2104(e).

requires that all comments and reply comments be filed electronically. Comments and reply comments must be sent by electronic mail to the following address: auction44@fcc.gov.²³ The electronic mail containing the comments or reply comments must include a subject or caption referring to Auction No. 44 Comments. The Bureau requests that parties format any attachments to electronic mail as Adobe[®] Acrobat[®] (pdf) or Microsoft[®] Word documents. Copies of comments and reply comments will be available for public inspection during regular business hours in the FCC Public Reference Room, Room CY-A257, 445 12th Street, SW, Washington, DC 20554.

In addition, the Bureau requests that commenters fax a courtesy copy of their comments and reply comments to the attention of Kathryn Garland at (717) 338-2850.

This proceeding has been designated as a “permit-but-disclose” proceeding in accordance with the Commission’s ex parte rules.²⁴ Persons making oral ex parte presentations are reminded that memoranda summarizing the presentations must contain summaries of the substance of the presentations and not merely a listing of the subjects discussed. More than a one or two sentence description of the views and arguments presented is generally required.²⁵ Other rules pertaining to oral and written ex parte presentations in permit-but-disclose proceedings are set forth in Section 1.1206(b) of the Commission’s rules.²⁶

For further information concerning this proceeding, contact the Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, as listed below:

For legal questions: Howard Davenport (202) 418-0660
For general auction questions: Craig Bomberger (202) 418-0660
Kathy Garland (717) 338-2888

- FCC -

²³ Comments and reply comments in response to this Public Notice may not be filed using the Commission’s Electronic Comment Filing System, which is used for the Commission’s docketed rule making proceedings.

²⁴ See 47 C.F.R. §§ 1.1200(a), 1.1206.

²⁵ See 47 C.F.R. § 1.1206(b).

²⁶ See 47 C.F.R. § 1.1206(b).

**Auction No. 44 - Lower 700 MHz Band Licenses
Attachment A**

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
Economic Area Grouping Licenses (700 MHz EAGs)									
EAG701	Northeast	WZ-EAG701-A	A	698-704, 728-734	41,567,654	12	6,235,000	\$6,235,000	\$12,470,000
EAG701	Northeast	WZ-EAG701-B	B	704-710, 734-740	41,567,654	12	6,235,000	\$6,235,000	\$12,470,000
EAG701	Northeast	WZ-EAG701-D	D	716-722	41,567,654	6	3,118,000	\$3,118,000	\$6,235,000
EAG701	Northeast	WZ-EAG701-E	E	722-728	41,567,654	6	3,118,000	\$3,118,000	\$6,235,000
EAG702	Mid-Atlantic	WZ-EAG702-A	A	698-704, 728-734	42,547,218	12	6,382,000	\$6,382,000	\$12,764,000
EAG702	Mid-Atlantic	WZ-EAG702-B	B	704-710, 734-740	42,547,218	12	6,382,000	\$6,382,000	\$12,764,000
EAG702	Mid-Atlantic	WZ-EAG702-D	D	716-722	42,547,218	6	3,191,000	\$3,191,000	\$6,382,000
EAG702	Mid-Atlantic	WZ-EAG702-E	E	722-728	42,547,218	6	3,191,000	\$3,191,000	\$6,382,000
EAG703	Southeast	WZ-EAG703-A	A	698-704, 728-734	44,516,919	12	6,678,000	\$6,678,000	\$13,355,000
EAG703	Southeast	WZ-EAG703-B	B	704-710, 734-740	44,516,919	12	6,678,000	\$6,678,000	\$13,355,000
EAG703	Southeast	WZ-EAG703-D	D	716-722	44,516,919	6	3,339,000	\$3,339,000	\$6,678,000
EAG703	Southeast	WZ-EAG703-E	E	722-728	44,516,919	6	3,339,000	\$3,339,000	\$6,678,000
EAG704	Great Lakes	WZ-EAG704-A	A	698-704, 728-734	41,560,906	12	6,234,000	\$6,234,000	\$12,468,000
EAG704	Great Lakes	WZ-EAG704-B	B	704-710, 734-740	41,560,906	12	6,234,000	\$6,234,000	\$12,468,000
EAG704	Great Lakes	WZ-EAG704-D	D	716-722	41,560,906	6	3,117,000	\$3,117,000	\$6,234,000
EAG704	Great Lakes	WZ-EAG704-E	E	722-728	41,560,906	6	3,117,000	\$3,117,000	\$6,234,000
EAG705	Central / Mountain	WZ-EAG705-A	A	698-704, 728-734	40,926,336	12	6,139,000	\$6,139,000	\$12,278,000
EAG705	Central / Mountain	WZ-EAG705-B	B	704-710, 734-740	40,926,336	12	6,139,000	\$6,139,000	\$12,278,000
EAG705	Central / Mountain	WZ-EAG705-D	D	716-722	40,926,336	6	3,069,000	\$3,069,000	\$6,139,000
EAG705	Central / Mountain	WZ-EAG705-E	E	722-728	40,926,336	6	3,069,000	\$3,069,000	\$6,139,000
EAG706	Pacific	WZ-EAG706-A	A	698-704, 728-734	41,437,956	12	6,216,000	\$6,216,000	\$12,431,000
EAG706	Pacific	WZ-EAG706-B	B	704-710, 734-740	41,437,956	12	6,216,000	\$6,216,000	\$12,431,000
EAG706	Pacific	WZ-EAG706-D	D	716-722	41,437,956	6	3,108,000	\$3,108,000	\$6,216,000
EAG706	Pacific	WZ-EAG706-E	E	722-728	41,437,956	6	3,108,000	\$3,108,000	\$6,216,000
700 MHz EAG License Totals			24 Licenses			36 MHz	113,652,000	\$113,652,000	\$227,300,000

MSA / RSA Licenses									
MSA001	New York-Newark-JerseyCity NY-NJ	WZ-MSA001-C	C	710-716, 740-746	14,921,254	12	2,238,000	\$2,238,000	\$4,476,000
MSA002	Los Angeles-LongBeach-Anaheim CA	WZ-MSA002-C	C	710-716, 740-746	13,862,513	12	2,079,000	\$2,079,000	\$4,159,000
MSA003	Chicago, IL	WZ-MSA003-C	C	710-716, 740-746	7,261,176	12	1,089,000	\$1,089,000	\$2,178,000
MSA004	Philadelphia, PA	WZ-MSA004-C	C	710-716, 740-746	4,856,881	12	729,000	\$729,000	\$1,457,000
MSA005	Detroit/Ann Arbor, MI	WZ-MSA005-C	C	710-716, 740-746	4,531,636	12	680,000	\$680,000	\$1,359,000
MSA006	Boston-Brockton-Lowell, MA-NH	WZ-MSA006-C	C	710-716, 740-746	4,029,662	12	604,000	\$604,000	\$1,209,000
MSA007	San Francisco-Oakland, CA	WZ-MSA007-C	C	710-716, 740-746	3,686,592	12	553,000	\$553,000	\$1,106,000
MSA008	Washington, DC-MD-VA	WZ-MSA008-C	C	710-716, 740-746	3,660,758	12	549,000	\$549,000	\$1,098,000
MSA009	Dallas-Fort Worth, TX	WZ-MSA009-C	C	710-716, 740-746	3,949,075	12	592,000	\$592,000	\$1,185,000
MSA010	Houston, TX	WZ-MSA010-C	C	710-716, 740-746	3,493,644	12	524,000	\$524,000	\$1,048,000
MSA011	St. Louis, MO-IL	WZ-MSA011-C	C	710-716, 740-746	2,423,560	12	364,000	\$364,000	\$727,000
MSA012	Miami-Ft Lauderdale-Hollywood FL	WZ-MSA012-C	C	710-716, 740-746	3,192,582	12	479,000	\$479,000	\$958,000
MSA013	Pittsburgh, PA	WZ-MSA013-C	C	710-716, 740-746	2,097,447	12	315,000	\$315,000	\$629,000
MSA014	Baltimore, MD	WZ-MSA014-C	C	710-716, 740-746	2,348,219	12	352,000	\$352,000	\$704,000
MSA015	Minneapolis-St. Paul, MN-WI	WZ-MSA015-C	C	710-716, 740-746	2,438,203	12	366,000	\$366,000	\$731,000
MSA016	Cleveland, OH	WZ-MSA016-C	C	710-716, 740-746	1,831,122	12	275,000	\$275,000	\$549,000
MSA017	Atlanta, GA	WZ-MSA017-C	C	710-716, 740-746	2,695,480	12	404,000	\$404,000	\$809,000
MSA018	San Diego, CA	WZ-MSA018-C	C	710-716, 740-746	2,498,016	12	375,000	\$375,000	\$749,000
MSA019	Denver-Boulder, CO	WZ-MSA019-C	C	710-716, 740-746	1,851,389	12	278,000	\$278,000	\$555,000
MSA020	Seattle-Everett, WA	WZ-MSA020-C	C	710-716, 740-746	1,972,961	12	296,000	\$296,000	\$592,000
MSA021	Milwaukee, WI	WZ-MSA021-C	C	710-716, 740-746	1,432,149	12	215,000	\$215,000	\$430,000
MSA022	Tampa-St. Petersburg, FL	WZ-MSA022-C	C	710-716, 740-746	1,966,844	12	295,000	\$295,000	\$590,000
MSA023	Cincinnati, OH-KY-IN	WZ-MSA023-C	C	710-716, 740-746	1,452,645	12	218,000	\$218,000	\$436,000
MSA024	Kansas City, MO-KS	WZ-MSA024-C	C	710-716, 740-746	1,447,336	12	217,000	\$217,000	\$434,000
MSA025	Buffalo, NY	WZ-MSA025-C	C	710-716, 740-746	1,189,288	12	178,000	\$178,000	\$357,000
MSA026	Phoenix, AZ	WZ-MSA026-C	C	710-716, 740-746	2,122,101	12	318,000	\$318,000	\$637,000
MSA027	San Jose, CA	WZ-MSA027-C	C	710-716, 740-746	1,497,577	12	225,000	\$225,000	\$449,000
MSA028	Indianapolis, IN	WZ-MSA028-C	C	710-716, 740-746	1,249,822	12	187,000	\$187,000	\$375,000
MSA029	New Orleans, LA	WZ-MSA029-C	C	710-716, 740-746	1,156,383	12	173,000	\$173,000	\$347,000
MSA030	Portland, OR-WA	WZ-MSA030-C	C	710-716, 740-746	1,412,344	12	212,000	\$212,000	\$424,000
MSA031	Columbus, OH	WZ-MSA031-C	C	710-716, 740-746	1,217,150	12	183,000	\$183,000	\$365,000
MSA032	Hartford-New Britain-Bristol,	WZ-MSA032-C	C	710-716, 740-746	1,123,678	12	169,000	\$169,000	\$337,000
MSA033	San Antonio, TX	WZ-MSA033-C	C	710-716, 740-746	1,302,099	12	195,000	\$195,000	\$391,000
MSA034	Rochester, NY	WZ-MSA034-C	C	710-716, 740-746	1,002,410	12	150,000	\$150,000	\$301,000
MSA035	Sacramento, CA	WZ-MSA035-C	C	710-716, 740-746	1,355,107	12	203,000	\$203,000	\$407,000
MSA036	Memphis, TN-AR-MS	WZ-MSA036-C	C	710-716, 740-746	981,747	12	147,000	\$147,000	\$295,000
MSA037	Louisville, KY-IN	WZ-MSA037-C	C	710-716, 740-746	897,948	12	135,000	\$135,000	\$269,000
MSA038	Providence-Warwick-Pawtucket,	WZ-MSA038-C	C	710-716, 740-746	916,270	12	137,000	\$137,000	\$275,000
MSA039	Salt Lake City-Ogden, UT	WZ-MSA039-C	C	710-716, 740-746	1,098,828	12	165,000	\$165,000	\$330,000
MSA040	Dayton, OH	WZ-MSA040-C	C	710-716, 740-746	843,835	12	127,000	\$127,000	\$253,000
MSA041	Birmingham, AL	WZ-MSA041-C	C	710-716, 740-746	868,562	12	130,000	\$130,000	\$261,000
MSA042	Bridgeport-Stamford-Danbury, CT	WZ-MSA042-C	C	710-716, 740-746	827,645	12	124,000	\$124,000	\$248,000
MSA043	Norfolk-Virginia Beach, VA-NC	WZ-MSA043-C	C	710-716, 740-746	976,058	12	146,000	\$146,000	\$293,000
MSA044	Albany-Schenectady-Troy, NY	WZ-MSA044-C	C	710-716, 740-746	829,565	12	124,000	\$124,000	\$249,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
MSA045	Oklahoma City, OK	WZ-MSA045-C	C	710-716, 740-746	929,828	12	139,000	\$139,000	\$279,000
MSA046	Nashville-Davidson, TN	WZ-MSA046-C	C	710-716, 740-746	985,026	12	148,000	\$148,000	\$296,000
MSA047	Greensboro-Winston-Salem, NC	WZ-MSA047-C	C	710-716, 740-746	914,232	12	137,000	\$137,000	\$274,000
MSA048	Toledo, OH-MI	WZ-MSA048-C	C	710-716, 740-746	787,757	12	118,000	\$118,000	\$236,000
MSA049	New Haven-Waterbury-Meriden, CT	WZ-MSA049-C	C	710-716, 740-746	804,219	12	121,000	\$121,000	\$241,000
MSA050	Honolulu, HI	WZ-MSA050-C	C	710-716, 740-746	836,231	12	125,000	\$125,000	\$251,000
MSA051	Jacksonville, FL	WZ-MSA051-C	C	710-716, 740-746	925,213	12	139,000	\$139,000	\$278,000
MSA052	Akron, OH	WZ-MSA052-C	C	710-716, 740-746	657,575	12	99,000	\$99,000	\$197,000
MSA053	Syracuse, NY	WZ-MSA053-C	C	710-716, 740-746	659,864	12	99,000	\$99,000	\$198,000
MSA054	Gary-Hammond-East Chicago, IN	WZ-MSA054-C	C	710-716, 740-746	604,526	12	91,000	\$91,000	\$181,000
MSA055	Worcester-Leominster, MA	WZ-MSA055-C	C	710-716, 740-746	709,705	12	106,000	\$106,000	\$213,000
MSA056	Northeast Pennsylvania, PA	WZ-MSA056-C	C	710-716, 740-746	642,897	12	96,000	\$96,000	\$193,000
MSA057	Tulsa, OK	WZ-MSA057-C	C	710-716, 740-746	723,320	12	111,000	\$111,000	\$223,000
MSA058	Allentown-Bethlehem-Easton PA-NJ	WZ-MSA058-C	C	710-716, 740-746	686,688	12	103,000	\$103,000	\$206,000
MSA059	Richmond, VA	WZ-MSA059-C	C	710-716, 740-746	739,735	12	111,000	\$111,000	\$222,000
MSA060	Orlando, FL	WZ-MSA060-C	C	710-716, 740-746	1,072,748	12	161,000	\$161,000	\$322,000
MSA061	Charlotte-Gastonia, NC	WZ-MSA061-C	C	710-716, 740-746	770,737	12	116,000	\$116,000	\$231,000
MSA062	New Brunswick-Perth Amboy, NJ	WZ-MSA062-C	C	710-716, 740-746	671,780	12	101,000	\$101,000	\$202,000
MSA063	Springfield-Chicopee-Holyoke, MA	WZ-MSA063-C	C	710-716, 740-746	602,878	12	90,000	\$90,000	\$181,000
MSA064	Grand Rapids, MI	WZ-MSA064-C	C	710-716, 740-746	688,399	12	103,000	\$103,000	\$207,000
MSA065	Omaha, NE-IA	WZ-MSA065-C	C	710-716, 740-746	601,655	12	90,000	\$90,000	\$180,000
MSA066	Youngstown-Warren, OH	WZ-MSA066-C	C	710-716, 740-746	492,619	12	74,000	\$74,000	\$148,000
MSA067	Greenville-Spartanburg, SC	WZ-MSA067-C	C	710-716, 740-746	640,861	12	96,000	\$96,000	\$192,000
MSA068	Flint, MI	WZ-MSA068-C	C	710-716, 740-746	500,229	12	75,000	\$75,000	\$150,000
MSA069	Wilmington, DE-NJ-MD	WZ-MSA069-C	C	710-716, 740-746	578,587	12	87,000	\$87,000	\$174,000
MSA070	Long Branch-Asbury Park, NJ	WZ-MSA070-C	C	710-716, 740-746	553,124	12	83,000	\$83,000	\$166,000
MSA071	Raleigh-Durham, NC	WZ-MSA071-C	C	710-716, 740-746	699,066	12	105,000	\$105,000	\$210,000
MSA072	West Palm Beach-Boca Raton, FL	WZ-MSA072-C	C	710-716, 740-746	863,518	12	130,000	\$130,000	\$259,000
MSA073	Oxnard-Simi Valley-Ventura, CA	WZ-MSA073-C	C	710-716, 740-746	669,016	12	100,000	\$100,000	\$201,000
MSA074	Fresno, CA	WZ-MSA074-C	C	710-716, 740-746	667,490	12	100,000	\$100,000	\$200,000
MSA075	Austin, TX	WZ-MSA075-C	C	710-716, 740-746	781,572	12	117,000	\$117,000	\$234,000
MSA076	New Bedford-Fall River, MA	WZ-MSA076-C	C	710-716, 740-746	506,325	12	76,000	\$76,000	\$152,000
MSA077	Tucson, AZ	WZ-MSA077-C	C	710-716, 740-746	666,880	12	100,000	\$100,000	\$200,000
MSA078	Lansing-East Lansing, MI	WZ-MSA078-C	C	710-716, 740-746	489,698	12	73,000	\$73,000	\$147,000
MSA079	Knoxville, TN	WZ-MSA079-C	C	710-716, 740-746	503,662	12	76,000	\$76,000	\$151,000
MSA080	Baton Rouge, LA	WZ-MSA080-C	C	710-716, 740-746	528,264	12	79,000	\$79,000	\$158,000
MSA081	El Paso, TX	WZ-MSA081-C	C	710-716, 740-746	591,610	12	89,000	\$89,000	\$177,000
MSA082	Tacoma, WA	WZ-MSA082-C	C	710-716, 740-746	586,203	12	88,000	\$88,000	\$176,000
MSA083	Mobile, AL	WZ-MSA083-C	C	710-716, 740-746	476,923	12	72,000	\$72,000	\$143,000
MSA084	Harrisburg, PA	WZ-MSA084-C	C	710-716, 740-746	474,242	12	71,000	\$71,000	\$142,000
MSA085	JohnsonCity-Kingsport-Bristol TN-VA	WZ-MSA085-C	C	710-716, 740-746	436,047	12	65,000	\$65,000	\$131,000
MSA086	Albuquerque, NM	WZ-MSA086-C	C	710-716, 740-746	543,896	12	82,000	\$82,000	\$163,000
MSA087	Canton, OH	WZ-MSA087-C	C	710-716, 740-746	394,116	12	59,000	\$59,000	\$118,000
MSA088	Chattanooga, TN-GA	WZ-MSA088-C	C	710-716, 740-746	433,210	12	65,000	\$65,000	\$130,000
MSA089	Wichita, KS	WZ-MSA089-C	C	710-716, 740-746	454,242	12	68,000	\$68,000	\$136,000
MSA090	Charleston-North Charleston, S	WZ-MSA090-C	C	710-716, 740-746	506,875	12	76,000	\$76,000	\$152,000
MSA091	San Juan-Caguas, PR	WZ-MSA091-C	C	710-716, 740-746	2,022,337	12	303,000	\$303,000	\$607,000
MSA092	Little Rock, AR	WZ-MSA092-C	C	710-716, 740-746	513,117	12	77,000	\$77,000	\$154,000
MSA093	Las Vegas, NV	WZ-MSA093-C	C	710-716, 740-746	741,459	12	111,000	\$111,000	\$222,000
MSA094	Saginaw-Bay City-Midland, MI	WZ-MSA094-C	C	710-716, 740-746	399,320	12	60,000	\$60,000	\$120,000
MSA095	Columbia, SC	WZ-MSA095-C	C	710-716, 740-746	453,331	12	68,000	\$68,000	\$136,000
MSA096	Fort Wayne, IN	WZ-MSA096-C	C	710-716, 740-746	420,854	12	63,000	\$63,000	\$126,000
MSA097	Bakersfield, CA	WZ-MSA097-C	C	710-716, 740-746	543,477	12	82,000	\$82,000	\$163,000
MSA098	Davenport-Rock Island, IA-IL	WZ-MSA098-C	C	710-716, 740-746	350,861	12	53,000	\$53,000	\$105,000
MSA099	York, PA	WZ-MSA099-C	C	710-716, 740-746	417,848	12	63,000	\$63,000	\$125,000
MSA100	Shreveport, Louisiana	WZ-MSA100-C	C	710-716, 740-746	376,330	12	56,000	\$56,000	\$113,000
MSA101	Beaumont-Port Arthur, TX	WZ-MSA101-C	C	710-716, 740-746	361,226	12	54,000	\$54,000	\$108,000
MSA102	Des Moines, IA	WZ-MSA102-C	C	710-716, 740-746	392,928	12	59,000	\$59,000	\$118,000
MSA103	Peoria, IL	WZ-MSA103-C	C	710-716, 740-746	339,172	12	51,000	\$51,000	\$102,000
MSA104	Newport News-Hampton, VA	WZ-MSA104-C	C	710-716, 740-746	433,785	12	65,000	\$65,000	\$130,000
MSA105	Lancaster, PA	WZ-MSA105-C	C	710-716, 740-746	422,822	12	63,000	\$63,000	\$127,000
MSA106	Jackson, MS	WZ-MSA106-C	C	710-716, 740-746	395,396	12	59,000	\$59,000	\$119,000
MSA107	Stockton, CA	WZ-MSA107-C	C	710-716, 740-746	480,628	12	72,000	\$72,000	\$144,000
MSA108	Augusta, GA/SC	WZ-MSA108-C	C	710-716, 740-746	396,809	12	60,000	\$60,000	\$119,000
MSA109	Spokane, WA	WZ-MSA109-C	C	710-716, 740-746	361,364	12	54,000	\$54,000	\$108,000
MSA110	Huntington-Ashland, WV/KY/OH	WZ-MSA110-C	C	710-716, 740-746	312,529	12	47,000	\$47,000	\$94,000
MSA111	Vallejo-Fairfield-Napa, CA	WZ-MSA111-C	C	710-716, 740-746	451,186	12	68,000	\$68,000	\$135,000
MSA112	Corpus Christi, TX	WZ-MSA112-C	C	710-716, 740-746	349,894	12	52,000	\$52,000	\$105,000
MSA113	Madison, WI	WZ-MSA113-C	C	710-716, 740-746	367,085	12	55,000	\$55,000	\$110,000
MSA114	Lakeland-Winter Haven, FL	WZ-MSA114-C	C	710-716, 740-746	405,382	12	61,000	\$61,000	\$122,000
MSA115	Utica-Rome, NY	WZ-MSA115-C	C	710-716, 740-746	316,633	12	47,000	\$47,000	\$95,000
MSA116	Lexington-Fayette, KY	WZ-MSA116-C	C	710-716, 740-746	348,428	12	52,000	\$52,000	\$105,000
MSA117	Colorado Springs, CO	WZ-MSA117-C	C	710-716, 740-746	409,482	12	61,000	\$61,000	\$123,000
MSA118	Reading, PA	WZ-MSA118-C	C	710-716, 740-746	336,523	12	50,000	\$50,000	\$101,000
MSA119	Evansville, IN/KY	WZ-MSA119-C	C	710-716, 740-746	310,903	12	47,000	\$47,000	\$93,000
MSA120	Huntsville, AL	WZ-MSA120-C	C	710-716, 740-746	363,879	12	55,000	\$55,000	\$109,000
MSA121	Trenton, NJ	WZ-MSA121-C	C	710-716, 740-746	325,824	12	49,000	\$49,000	\$98,000
MSA122	Binghamton, NY	WZ-MSA122-C	C	710-716, 740-746	304,877	12	46,000	\$46,000	\$91,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
MSA123	Santa Rosa-Petaluma, CA	WZ-MSA123-C	C	710-716, 740-746	388,222	12	58,000	\$58,000	\$116,000
MSA124	Santa Barbara, CA	WZ-MSA124-C	C	710-716, 740-746	369,608	12	55,000	\$55,000	\$111,000
MSA125	Appleton-Oskosh-Neenah, WI	WZ-MSA125-C	C	710-716, 740-746	315,121	12	47,000	\$47,000	\$95,000
MSA126	Salinas-Seaside-Monterey, CA	WZ-MSA126-C	C	710-716, 740-746	355,660	12	53,000	\$53,000	\$107,000
MSA127	Pensacola, FL	WZ-MSA127-C	C	710-716, 740-746	344,406	12	52,000	\$52,000	\$103,000
MSA128	McAllen-Edinburg-Mission, TX	WZ-MSA128-C	C	710-716, 740-746	383,545	12	58,000	\$58,000	\$115,000
MSA129	South Bend-Mishawaka, IN	WZ-MSA129-C	C	710-716, 740-746	289,234	12	43,000	\$43,000	\$87,000
MSA130	Erie, PA	WZ-MSA130-C	C	710-716, 740-746	275,572	12	41,000	\$41,000	\$83,000
MSA131	Rockford, IL	WZ-MSA131-C	C	710-716, 740-746	283,719	12	43,000	\$43,000	\$85,000
MSA132	Kalamazoo, MI	WZ-MSA132-C	C	710-716, 740-746	293,471	12	44,000	\$44,000	\$88,000
MSA133	Manchester-Nashua, NH	WZ-MSA133-C	C	710-716, 740-746	336,073	12	50,000	\$50,000	\$101,000
MSA134	Atlantic City, NJ	WZ-MSA134-C	C	710-716, 740-746	319,416	12	48,000	\$48,000	\$96,000
MSA135	Eugene-Springfield, OR	WZ-MSA135-C	C	710-716, 740-746	282,912	12	42,000	\$42,000	\$85,000
MSA136	Lorain-Elyria, OH	WZ-MSA136-C	C	710-716, 740-746	271,126	12	41,000	\$41,000	\$81,000
MSA137	Melbourne-Titusville-Palm Bay FL	WZ-MSA137-C	C	710-716, 740-746	398,978	12	60,000	\$60,000	\$120,000
MSA138	Macon-Warner Robins, GA	WZ-MSA138-C	C	710-716, 740-746	290,909	12	44,000	\$44,000	\$87,000
MSA139	Montgomery, AL	WZ-MSA139-C	C	710-716, 740-746	292,517	12	44,000	\$44,000	\$88,000
MSA140	Charleston, WV	WZ-MSA140-C	C	710-716, 740-746	250,454	12	38,000	\$38,000	\$75,000
MSA141	Duluth, MN-WI	WZ-MSA141-C	C	710-716, 740-746	239,971	12	36,000	\$36,000	\$72,000
MSA142	Modesto, CA	WZ-MSA142-C	C	710-716, 740-746	370,522	12	56,000	\$56,000	\$111,000
MSA143	Johnstown, PA	WZ-MSA143-C	C	710-716, 740-746	241,247	12	36,000	\$36,000	\$72,000
MSA144	Orange County, NY	WZ-MSA144-C	C	710-716, 740-746	307,647	12	46,000	\$46,000	\$92,000
MSA145	Hamilton-Middletown, OH	WZ-MSA145-C	C	710-716, 740-746	291,479	12	44,000	\$44,000	\$87,000
MSA146	Daytona Beach, FL	WZ-MSA146-C	C	710-716, 740-746	370,712	12	56,000	\$56,000	\$111,000
MSA147	Ponce, PR	WZ-MSA147-C	C	710-716, 740-746	256,506	12	38,000	\$38,000	\$77,000
MSA148	Salem, OR	WZ-MSA148-C	C	710-716, 740-746	278,024	12	42,000	\$42,000	\$83,000
MSA149	Fayetteville, NC	WZ-MSA149-C	C	710-716, 740-746	274,566	12	41,000	\$41,000	\$82,000
MSA150	Visalia-Tulare-Porterville, CA	WZ-MSA150-C	C	710-716, 740-746	311,921	12	47,000	\$47,000	\$94,000
MSA151	Poughkeepsie, NY	WZ-MSA151-C	C	710-716, 740-746	259,462	12	39,000	\$39,000	\$78,000
MSA152	Portland, ME	WZ-MSA152-C	C	710-716, 740-746	276,670	12	42,000	\$42,000	\$83,000
MSA153	Columbus, GA-AL	WZ-MSA153-C	C	710-716, 740-746	243,072	12	36,000	\$36,000	\$73,000
MSA154	New London-Norwich, CT	WZ-MSA154-C	C	710-716, 740-746	254,957	12	38,000	\$38,000	\$76,000
MSA155	Savannah, GA	WZ-MSA155-C	C	710-716, 740-746	258,060	12	39,000	\$39,000	\$77,000
MSA156	Portsmouth-Dover-Rochester NH-ME	WZ-MSA156-C	C	710-716, 740-746	268,820	12	40,000	\$40,000	\$81,000
MSA157	Roanoke, VA	WZ-MSA157-C	C	710-716, 740-746	228,849	12	34,000	\$34,000	\$69,000
MSA158	Lima, OH	WZ-MSA158-C	C	710-716, 740-746	218,623	12	33,000	\$33,000	\$66,000
MSA159	Provo-Orem, UT	WZ-MSA159-C	C	710-716, 740-746	263,590	12	40,000	\$40,000	\$79,000
MSA160	Killeen-Temple, TX	WZ-MSA160-C	C	710-716, 740-746	255,301	12	38,000	\$38,000	\$77,000
MSA161	Lubbock, TX Counties - Lubbock	WZ-MSA161-C	C	710-716, 740-746	222,636	12	33,000	\$33,000	\$67,000
MSA162	Brownsville-Harlingen, TX	WZ-MSA162-C	C	710-716, 740-746	260,120	12	39,000	\$39,000	\$78,000
MSA163	Springfield, MO	WZ-MSA163-C	C	710-716, 740-746	240,593	12	36,000	\$36,000	\$72,000
MSA164	Fort Myers, FL Counties - Lee	WZ-MSA164-C	C	710-716, 740-746	335,113	12	50,000	\$50,000	\$101,000
MSA165	Fort Smith AR-OK	WZ-MSA165-C	C	710-716, 740-746	219,181	12	33,000	\$33,000	\$66,000
MSA166	Hickory, NC	WZ-MSA166-C	C	710-716, 740-746	221,700	12	33,000	\$33,000	\$67,000
MSA167	Sarasota, FL	WZ-MSA167-C	C	710-716, 740-746	277,776	12	42,000	\$42,000	\$83,000
MSA168	Tallahassee, FL	WZ-MSA168-C	C	710-716, 740-746	247,800	12	37,000	\$37,000	\$74,000
MSA169	Mayaguez, PR	WZ-MSA169-C	C	710-716, 740-746	214,300	12	32,000	\$32,000	\$64,000
MSA170	Galveston-Texas City, TX	WZ-MSA170-C	C	710-716, 740-746	217,399	12	33,000	\$33,000	\$65,000
MSA171	Reno, NV	WZ-MSA171-C	C	710-716, 740-746	254,667	12	38,000	\$38,000	\$76,000
MSA172	Lincoln, NE	WZ-MSA172-C	C	710-716, 740-746	213,641	12	32,000	\$32,000	\$64,000
MSA173	Biloxi-Gulfport, MS	WZ-MSA173-C	C	710-716, 740-746	207,875	12	31,000	\$31,000	\$62,000
MSA174	Lafayette, LA	WZ-MSA174-C	C	710-716, 740-746	208,740	12	31,000	\$31,000	\$63,000
MSA175	Santa Cruz, CA	WZ-MSA175-C	C	710-716, 740-746	229,734	12	34,000	\$34,000	\$69,000
MSA176	Springfield, IL	WZ-MSA176-C	C	710-716, 740-746	189,550	12	28,000	\$28,000	\$57,000
MSA177	Battle Creek, MI	WZ-MSA177-C	C	710-716, 740-746	186,039	12	28,000	\$28,000	\$56,000
MSA178	Wheeling, WV-OH	WZ-MSA178-C	C	710-716, 740-746	159,301	12	24,000	\$24,000	\$48,000
MSA179	Topeka, KS	WZ-MSA179-C	C	710-716, 740-746	192,129	12	29,000	\$29,000	\$58,000
MSA180	Springfield, OH	WZ-MSA180-C	C	710-716, 740-746	183,567	12	28,000	\$28,000	\$55,000
MSA181	Muskegon, MI	WZ-MSA181-C	C	710-716, 740-746	181,437	12	27,000	\$27,000	\$54,000
MSA182	Fayetteville-Springdale, AR	WZ-MSA182-C	C	710-716, 740-746	210,908	12	32,000	\$32,000	\$63,000
MSA183	Asheville, NC	WZ-MSA183-C	C	710-716, 740-746	191,774	12	29,000	\$29,000	\$58,000
MSA184	Houma-Thibodaux, LA	WZ-MSA184-C	C	710-716, 740-746	182,842	12	27,000	\$27,000	\$55,000
MSA185	Terre Haute, IN	WZ-MSA185-C	C	710-716, 740-746	166,578	12	25,000	\$25,000	\$50,000
MSA186	Green Bay, WI	WZ-MSA186-C	C	710-716, 740-746	194,594	12	29,000	\$29,000	\$58,000
MSA187	Anchorage, AK	WZ-MSA187-C	C	710-716, 740-746	226,338	12	34,000	\$34,000	\$68,000
MSA188	Amarillo, TX	WZ-MSA188-C	C	710-716, 740-746	187,547	12	28,000	\$28,000	\$56,000
MSA189	Racine, WI	WZ-MSA189-C	C	710-716, 740-746	175,034	12	26,000	\$26,000	\$53,000
MSA190	Boise City, ID	WZ-MSA190-C	C	710-716, 740-746	205,775	12	31,000	\$31,000	\$62,000
MSA191	Yakima, WA	WZ-MSA191-C	C	710-716, 740-746	188,823	12	28,000	\$28,000	\$57,000
MSA192	Gainesville, FL	WZ-MSA192-C	C	710-716, 740-746	204,111	12	31,000	\$31,000	\$61,000
MSA193	Benton Harbor, MI	WZ-MSA193-C	C	710-716, 740-746	161,378	12	24,000	\$24,000	\$48,000
MSA194	Waco, TX	WZ-MSA194-C	C	710-716, 740-746	189,123	12	28,000	\$28,000	\$57,000
MSA195	Cedar Rapids, IA	WZ-MSA195-C	C	710-716, 740-746	168,767	12	25,000	\$25,000	\$51,000
MSA196	Champaign-Urbana-Rantoul, IL	WZ-MSA196-C	C	710-716, 740-746	173,025	12	26,000	\$26,000	\$52,000
MSA197	Lake Charles, LA	WZ-MSA197-C	C	710-716, 740-746	168,134	12	25,000	\$25,000	\$50,000
MSA198	St. Cloud, MN	WZ-MSA198-C	C	710-716, 740-746	190,921	12	29,000	\$29,000	\$57,000
MSA199	Steubenville-Weirton, OH-WV	WZ-MSA199-C	C	710-716, 740-746	142,523	12	21,000	\$21,000	\$43,000
MSA200	Parkersburg-Marietta, OH-WV	WZ-MSA200-C	C	710-716, 740-746	154,361	12	23,000	\$23,000	\$46,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
MSA201	Waterloo-Cedar Falls, IA	WZ-MSA201-C	C	710-716, 740-746	146,611	12	22,000	\$22,000	\$44,000
MSA202	Arecibo, PR	WZ-MSA202-C	C	710-716, 740-746	176,430	12	26,000	\$26,000	\$53,000
MSA203	Lynchburg, VA	WZ-MSA203-C	C	710-716, 740-746	154,497	12	23,000	\$23,000	\$46,000
MSA204	Aguaadilla, PR	WZ-MSA204-C	C	710-716, 740-746	167,319	12	25,000	\$25,000	\$50,000
MSA205	Alexandria, LA	WZ-MSA205-C	C	710-716, 740-746	149,082	12	22,000	\$22,000	\$45,000
MSA206	Longview-Marshall, TX	WZ-MSA206-C	C	710-716, 740-746	162,431	12	24,000	\$24,000	\$49,000
MSA207	Jackson, MI	WZ-MSA207-C	C	710-716, 740-746	149,756	12	22,000	\$22,000	\$45,000
MSA208	Fort Pierce, FL	WZ-MSA208-C	C	710-716, 740-746	251,071	12	38,000	\$38,000	\$75,000
MSA209	Clarksville-Hopkinsville, TN/K	WZ-MSA209-C	C	710-716, 740-746	169,439	12	25,000	\$25,000	\$51,000
MSA210	Fort Collins-Loveland, CO	WZ-MSA210-C	C	710-716, 740-746	186,136	12	28,000	\$28,000	\$56,000
MSA211	Bradenton, FL	WZ-MSA211-C	C	710-716, 740-746	211,707	12	32,000	\$32,000	\$64,000
MSA212	Bremerton, WA	WZ-MSA212-C	C	710-716, 740-746	189,731	12	28,000	\$28,000	\$57,000
MSA213	Pittsfield, MA	WZ-MSA213-C	C	710-716, 740-746	139,352	12	21,000	\$21,000	\$42,000
MSA214	Richland-Kennewick-Pasco, WA	WZ-MSA214-C	C	710-716, 740-746	150,033	12	23,000	\$23,000	\$45,000
MSA215	Chico, CA	WZ-MSA215-C	C	710-716, 740-746	182,120	12	27,000	\$27,000	\$55,000
MSA216	Janesville-Beloit, WI	WZ-MSA216-C	C	710-716, 740-746	139,510	12	21,000	\$21,000	\$42,000
MSA217	Anderson, IN	WZ-MSA217-C	C	710-716, 740-746	130,669	12	20,000	\$20,000	\$39,000
MSA218	Wilmington, NC	WZ-MSA218-C	C	710-716, 740-746	171,269	12	26,000	\$26,000	\$51,000
MSA219	Monroe, LA	WZ-MSA219-C	C	710-716, 740-746	142,191	12	21,000	\$21,000	\$43,000
MSA220	Abilene, TX	WZ-MSA220-C	C	710-716, 740-746	148,004	12	22,000	\$22,000	\$44,000
MSA221	Fargo-Moorehead, ND-MN	WZ-MSA221-C	C	710-716, 740-746	153,296	12	23,000	\$23,000	\$46,000
MSA222	Tuscaloosa, AL	WZ-MSA222-C	C	710-716, 740-746	150,522	12	23,000	\$23,000	\$45,000
MSA223	Elkhart-Goshen, IN	WZ-MSA223-C	C	710-716, 740-746	156,198	12	23,000	\$23,000	\$47,000
MSA224	Bangor, ME	WZ-MSA224-C	C	710-716, 740-746	146,601	12	22,000	\$22,000	\$44,000
MSA225	Altoona, PA	WZ-MSA225-C	C	710-716, 740-746	130,542	12	20,000	\$20,000	\$39,000
MSA226	Florence, AL	WZ-MSA226-C	C	710-716, 740-746	131,327	12	20,000	\$20,000	\$39,000
MSA227	Anderson, SC	WZ-MSA227-C	C	710-716, 740-746	145,196	12	22,000	\$22,000	\$44,000
MSA228	Vineland-Millville-Bridgeton,	WZ-MSA228-C	C	710-716, 740-746	138,053	12	21,000	\$21,000	\$41,000
MSA229	Medford, OR	WZ-MSA229-C	C	710-716, 740-746	146,389	12	22,000	\$22,000	\$44,000
MSA230	Decatur, IL	WZ-MSA230-C	C	710-716, 740-746	117,206	12	18,000	\$18,000	\$35,000
MSA231	Mansfield, OH	WZ-MSA231-C	C	710-716, 740-746	126,137	12	19,000	\$19,000	\$38,000
MSA232	Eau Claire, WI	WZ-MSA232-C	C	710-716, 740-746	137,543	12	21,000	\$21,000	\$41,000
MSA233	Wichita Falls, TX	WZ-MSA233-C	C	710-716, 740-746	132,402	12	20,000	\$20,000	\$40,000
MSA234	Athens, GA	WZ-MSA234-C	C	710-716, 740-746	156,267	12	23,000	\$23,000	\$47,000
MSA235	Petersburg-Hopewell, VA	WZ-MSA235-C	C	710-716, 740-746	125,905	12	19,000	\$19,000	\$38,000
MSA236	Muncie, IN	WZ-MSA236-C	C	710-716, 740-746	119,659	12	18,000	\$18,000	\$36,000
MSA237	Tyler, TX	WZ-MSA237-C	C	710-716, 740-746	151,309	12	23,000	\$23,000	\$45,000
MSA238	Sharon, PA	WZ-MSA238-C	C	710-716, 740-746	121,003	12	18,000	\$18,000	\$36,000
MSA239	Joplin, MO	WZ-MSA239-C	C	710-716, 740-746	134,910	12	20,000	\$20,000	\$40,000
MSA240	Texarkana, TX - Texarkana, AR	WZ-MSA240-C	C	710-716, 740-746	134,098	12	20,000	\$20,000	\$40,000
MSA241	Pueblo, CO	WZ-MSA241-C	C	710-716, 740-746	123,051	12	18,000	\$18,000	\$37,000
MSA242	Olympia, WA	WZ-MSA242-C	C	710-716, 740-746	161,238	12	24,000	\$24,000	\$48,000
MSA243	Greeley, CO	WZ-MSA243-C	C	710-716, 740-746	131,821	12	20,000	\$20,000	\$40,000
MSA244	Kenosha, WI	WZ-MSA244-C	C	710-716, 740-746	128,181	12	19,000	\$19,000	\$38,000
MSA245	Ocala, FL	WZ-MSA245-C	C	710-716, 740-746	194,833	12	29,000	\$29,000	\$58,000
MSA246	Dothan, AL	WZ-MSA246-C	C	710-716, 740-746	130,964	12	20,000	\$20,000	\$39,000
MSA247	Lafayette, IN	WZ-MSA247-C	C	710-716, 740-746	130,598	12	20,000	\$20,000	\$39,000
MSA248	Burlington, VT	WZ-MSA248-C	C	710-716, 740-746	137,079	12	21,000	\$21,000	\$41,000
MSA249	Anniston, AL	WZ-MSA249-C	C	710-716, 740-746	116,034	12	17,000	\$17,000	\$35,000
MSA250	Bloomington-Normal, IL	WZ-MSA250-C	C	710-716, 740-746	129,180	12	19,000	\$19,000	\$39,000
MSA251	Williamsport, PA	WZ-MSA251-C	C	710-716, 740-746	118,710	12	18,000	\$18,000	\$36,000
MSA252	Pascagoula, MI	WZ-MSA252-C	C	710-716, 740-746	115,243	12	17,000	\$17,000	\$35,000
MSA253	Sioux City, IA-NE	WZ-MSA253-C	C	710-716, 740-746	115,018	12	17,000	\$17,000	\$35,000
MSA254	Redding, CA	WZ-MSA254-C	C	710-716, 740-746	147,036	12	22,000	\$22,000	\$44,000
MSA255	Odessa, TX	WZ-MSA255-C	C	710-716, 740-746	118,934	12	18,000	\$18,000	\$36,000
MSA256	Charlottesville, VA	WZ-MSA256-C	C	710-716, 740-746	131,107	12	20,000	\$20,000	\$39,000
MSA257	Hagerstown, MD	WZ-MSA257-C	C	710-716, 740-746	121,393	12	18,000	\$18,000	\$36,000
MSA258	Jacksonville, NC	WZ-MSA258-C	C	710-716, 740-746	149,838	12	22,000	\$22,000	\$45,000
MSA259	State College, PA	WZ-MSA259-C	C	710-716, 740-746	123,786	12	19,000	\$19,000	\$37,000
MSA260	Lawton, OK	WZ-MSA260-C	C	710-716, 740-746	111,486	12	17,000	\$17,000	\$33,000
MSA261	Albany, GA	WZ-MSA261-C	C	710-716, 740-746	112,561	12	17,000	\$17,000	\$34,000
MSA262	Danville, VA	WZ-MSA262-C	C	710-716, 740-746	108,711	12	16,000	\$16,000	\$33,000
MSA263	Wausau, WI	WZ-MSA263-C	C	710-716, 740-746	115,400	12	17,000	\$17,000	\$35,000
MSA264	Florence, SC	WZ-MSA264-C	C	710-716, 740-746	114,344	12	17,000	\$17,000	\$34,000
MSA265	Fort Walton Beach, FL	WZ-MSA265-C	C	710-716, 740-746	143,776	12	22,000	\$22,000	\$43,000
MSA266	Glens Falls, NY	WZ-MSA266-C	C	710-716, 740-746	118,539	12	18,000	\$18,000	\$36,000
MSA267	Sioux Falls, SD	WZ-MSA267-C	C	710-716, 740-746	123,809	12	19,000	\$19,000	\$37,000
MSA268	Billings, MT	WZ-MSA268-C	C	710-716, 740-746	113,419	12	17,000	\$17,000	\$34,000
MSA269	Cumberland, MD-WV	WZ-MSA269-C	C	710-716, 740-746	101,643	12	15,000	\$15,000	\$30,000
MSA270	Bellingham, WA	WZ-MSA270-C	C	710-716, 740-746	127,780	12	19,000	\$19,000	\$38,000
MSA271	Kokomo, IN	WZ-MSA271-C	C	710-716, 740-746	96,946	12	15,000	\$15,000	\$29,000
MSA272	Gadsden, AL	WZ-MSA272-C	C	710-716, 740-746	99,840	12	15,000	\$15,000	\$30,000
MSA273	Kankakee, IL	WZ-MSA273-C	C	710-716, 740-746	96,255	12	14,000	\$14,000	\$29,000
MSA274	Yuba City, CA	WZ-MSA274-C	C	710-716, 740-746	122,643	12	18,000	\$18,000	\$37,000
MSA275	St. Joseph, MO	WZ-MSA275-C	C	710-716, 740-746	97,715	12	15,000	\$15,000	\$29,000
MSA276	Grand Forks, ND-MN	WZ-MSA276-C	C	710-716, 740-746	103,181	12	15,000	\$15,000	\$31,000
MSA277	Sheboygan, WI	WZ-MSA277-C	C	710-716, 740-746	103,877	12	16,000	\$16,000	\$31,000
MSA278	Columbia, MO	WZ-MSA278-C	C	710-716, 740-746	112,379	12	17,000	\$17,000	\$34,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
MSA279	Lewiston-Auburn, ME	WZ-MSA279-C	C	710-716, 740-746	105,259	12	16,000	\$16,000	\$32,000
MSA280	Burlington, NC	WZ-MSA280-C	C	710-716, 740-746	108,213	12	16,000	\$16,000	\$32,000
MSA281	Laredo, TX	WZ-MSA281-C	C	710-716, 740-746	133,239	12	20,000	\$20,000	\$40,000
MSA282	Bloomington, IN	WZ-MSA282-C	C	710-716, 740-746	108,978	12	16,000	\$16,000	\$33,000
MSA283	Panama City, FL	WZ-MSA283-C	C	710-716, 740-746	126,994	12	19,000	\$19,000	\$38,000
MSA284	Elmira, NY	WZ-MSA284-C	C	710-716, 740-746	95,195	12	14,000	\$14,000	\$29,000
MSA285	Las Cruces, NM	WZ-MSA285-C	C	710-716, 740-746	135,510	12	20,000	\$20,000	\$41,000
MSA286	Dubuque, IA	WZ-MSA286-C	C	710-716, 740-746	86,403	12	13,000	\$13,000	\$26,000
MSA287	Bryan-College Station, TX	WZ-MSA287-C	C	710-716, 740-746	121,862	12	18,000	\$18,000	\$37,000
MSA288	Rochester, MN	WZ-MSA288-C	C	710-716, 740-746	106,470	12	16,000	\$16,000	\$32,000
MSA289	Rapid City, SD	WZ-MSA289-C	C	710-716, 740-746	103,221	12	15,000	\$15,000	\$31,000
MSA290	La Crosse, WI	WZ-MSA290-C	C	710-716, 740-746	97,904	12	15,000	\$15,000	\$29,000
MSA291	Pine Bluff, AR	WZ-MSA291-C	C	710-716, 740-746	85,487	12	13,000	\$13,000	\$26,000
MSA292	Sherman-Denison, TX	WZ-MSA292-C	C	710-716, 740-746	95,021	12	14,000	\$14,000	\$29,000
MSA293	Owensboro, KY	WZ-MSA293-C	C	710-716, 740-746	87,189	12	13,000	\$13,000	\$26,000
MSA294	San Angelo, TX	WZ-MSA294-C	C	710-716, 740-746	98,458	12	15,000	\$15,000	\$30,000
MSA295	Midland, TX	WZ-MSA295-C	C	710-716, 740-746	106,611	12	16,000	\$16,000	\$32,000
MSA296	Iowa City, IA	WZ-MSA296-C	C	710-716, 740-746	96,119	12	14,000	\$14,000	\$29,000
MSA297	Great Falls, MT	WZ-MSA297-C	C	710-716, 740-746	77,691	12	12,000	\$12,000	\$23,000
MSA298	Bismarck, ND	WZ-MSA298-C	C	710-716, 740-746	83,831	12	13,000	\$13,000	\$25,000
MSA299	Casper, WY	WZ-MSA299-C	C	710-716, 740-746	61,226	12	9,200	\$9,200	\$18,000
MSA300	Victoria, TX	WZ-MSA300-C	C	710-716, 740-746	74,361	12	11,000	\$11,000	\$22,000
MSA301	Lawrence, KS	WZ-MSA301-C	C	710-716, 740-746	81,798	12	12,000	\$12,000	\$25,000
MSA302	Enid, OK	WZ-MSA302-C	C	710-716, 740-746	56,735	12	8,500	\$8,500	\$17,000
MSA303	Aurora-Elgin, IL	WZ-MSA303-C	C	710-716, 740-746	39,413	12	5,900	\$5,900	\$12,000
MSA304	Joliet, IL	WZ-MSA304-C	C	710-716, 740-746	32,337	12	4,900	\$4,900	\$9,700
MSA305	Alton-Granite City, IL	WZ-MSA305-C	C	710-716, 740-746	20,539	12	3,100	\$3,100	\$6,200
MSA306	Gulf of Mexico	WZ-MSA306-C	C	710-716, 740-746	-	12	1,000	\$1,000	\$1,000
RSA307	Alabama 1 - Franklin	WZ-RSA307-C	C	710-716, 740-746	318,114	12	48,000	\$48,000	\$95,000
RSA308	Alabama 2 - Jackson	WZ-RSA308-C	C	710-716, 740-746	121,990	12	18,000	\$18,000	\$37,000
RSA309	Alabama 3 - Lamar	WZ-RSA309-C	C	710-716, 740-746	135,303	12	20,000	\$20,000	\$41,000
RSA310	Alabama 4 - Bibb	WZ-RSA310-C	C	710-716, 740-746	136,149	12	20,000	\$20,000	\$41,000
RSA311	Alabama 5 - Cleburne	WZ-RSA311-C	C	710-716, 740-746	206,735	12	31,000	\$31,000	\$62,000
RSA312	Alabama 6 - Washington	WZ-RSA312-C	C	710-716, 740-746	117,474	12	18,000	\$18,000	\$35,000
RSA313	Alabama 7 - Butler	WZ-RSA313-C	C	710-716, 740-746	163,487	12	25,000	\$25,000	\$49,000
RSA314	Alabama 8 - Lee	WZ-RSA314-C	C	710-716, 740-746	163,907	12	25,000	\$25,000	\$49,000
RSA315	Alaska 1 - Wade Hampton	WZ-RSA315-C	C	710-716, 740-746	118,282	12	18,000	\$18,000	\$35,000
RSA316	Alaska 2 - Bethel	WZ-RSA316-C	C	710-716, 740-746	136,434	12	20,000	\$20,000	\$41,000
RSA317	Alaska 3 - Haines	WZ-RSA317-C	C	710-716, 740-746	68,989	12	10,000	\$10,000	\$21,000
RSA318	Arizona 1 - Mohave	WZ-RSA318-C	C	710-716, 740-746	93,497	12	14,000	\$14,000	\$28,000
RSA319	Arizona 2 - Coconino	WZ-RSA319-C	C	710-716, 740-746	204,305	12	31,000	\$31,000	\$61,000
RSA320	Arizona 3 - Navajo	WZ-RSA320-C	C	710-716, 740-746	139,249	12	21,000	\$21,000	\$42,000
RSA321	Arizona 4 - Yuma	WZ-RSA321-C	C	710-716, 740-746	120,739	12	18,000	\$18,000	\$36,000
RSA322	Arizona 5 - Gila	WZ-RSA322-C	C	710-716, 740-746	156,595	12	23,000	\$23,000	\$47,000
RSA323	Arizona 6 - Graham	WZ-RSA323-C	C	710-716, 740-746	161,862	12	24,000	\$24,000	\$49,000
RSA324	Arkansas 1 - Madison	WZ-RSA324-C	C	710-716, 740-746	66,235	12	9,900	\$9,900	\$20,000
RSA325	Arkansas 2 - Marion	WZ-RSA325-C	C	710-716, 740-746	82,204	12	12,000	\$12,000	\$25,000
RSA326	Arkansas 3 - Sharp	WZ-RSA326-C	C	710-716, 740-746	98,260	12	15,000	\$15,000	\$29,000
RSA327	Arkansas 4 - Clay	WZ-RSA327-C	C	710-716, 740-746	201,056	12	30,000	\$30,000	\$60,000
RSA328	Arkansas 5 - Cross	WZ-RSA328-C	C	710-716, 740-746	122,599	12	18,000	\$18,000	\$37,000
RSA329	Arkansas 6 - Cleburne	WZ-RSA329-C	C	710-716, 740-746	93,125	12	14,000	\$14,000	\$28,000
RSA330	Arkansas 7 - Pope	WZ-RSA330-C	C	710-716, 740-746	104,770	12	16,000	\$16,000	\$31,000
RSA331	Arkansas 8 - Franklin	WZ-RSA331-C	C	710-716, 740-746	63,880	12	9,600	\$9,600	\$19,000
RSA332	Arkansas 9 - Polk	WZ-RSA332-C	C	710-716, 740-746	62,480	12	9,400	\$9,400	\$19,000
RSA333	Arkansas 10 - Garland	WZ-RSA333-C	C	710-716, 740-746	144,511	12	22,000	\$22,000	\$43,000
RSA334	Arkansas 11 - Hempstead	WZ-RSA334-C	C	710-716, 740-746	67,056	12	10,000	\$10,000	\$20,000
RSA335	Arkansas 12 - Ouachita	WZ-RSA335-C	C	710-716, 740-746	190,582	12	29,000	\$29,000	\$57,000
RSA336	California 1 - Del Norte	WZ-RSA336-C	C	710-716, 740-746	199,172	12	30,000	\$30,000	\$60,000
RSA337	California 2 - Modoc	WZ-RSA337-C	C	710-716, 740-746	57,015	12	8,600	\$8,600	\$17,000
RSA338	California 3 - Alpine	WZ-RSA338-C	C	710-716, 740-746	125,908	12	19,000	\$19,000	\$38,000
RSA339	California 4 - Madera	WZ-RSA339-C	C	710-716, 740-746	303,190	12	45,000	\$45,000	\$91,000
RSA340	California 5 - San Luis Obispo	WZ-RSA340-C	C	710-716, 740-746	217,162	12	33,000	\$33,000	\$65,000
RSA341	California 6 - Mono	WZ-RSA341-C	C	710-716, 740-746	28,237	12	4,200	\$4,200	\$8,500
RSA342	California 7 - Imperial	WZ-RSA342-C	C	710-716, 740-746	109,303	12	16,000	\$16,000	\$33,000
RSA343	California 8 - Tehama	WZ-RSA343-C	C	710-716, 740-746	90,698	12	14,000	\$14,000	\$27,000
RSA344	California 9 - Mendocino	WZ-RSA344-C	C	710-716, 740-746	130,976	12	20,000	\$20,000	\$39,000
RSA345	California 10 - Sierra	WZ-RSA345-C	C	710-716, 740-746	81,828	12	12,000	\$12,000	\$25,000
RSA346	California 11 - El Dorado	WZ-RSA346-C	C	710-716, 740-746	125,995	12	19,000	\$19,000	\$38,000
RSA347	California 12 - Kings	WZ-RSA347-C	C	710-716, 740-746	101,469	12	15,000	\$15,000	\$30,000
RSA348	Colorado 1 - Moffat	WZ-RSA348-C	C	710-716, 740-746	40,988	12	6,100	\$6,100	\$12,000
RSA349	Colorado 2 - Logan	WZ-RSA349-C	C	710-716, 740-746	60,151	12	9,000	\$9,000	\$18,000
RSA350	Colorado 3 - Garfield	WZ-RSA350-C	C	710-716, 740-746	233,884	12	35,000	\$35,000	\$70,000
RSA351	Colorado 4 - Park	WZ-RSA351-C	C	710-716, 740-746	60,064	12	9,000	\$9,000	\$18,000
RSA352	Colorado 5 - Elbert	WZ-RSA352-C	C	710-716, 740-746	23,712	12	3,600	\$3,600	\$7,100
RSA353	Colorado 6 - San Miguel	WZ-RSA353-C	C	710-716, 740-746	59,620	12	8,900	\$8,900	\$18,000
RSA354	Colorado 7 - Saguache	WZ-RSA354-C	C	710-716, 740-746	42,362	12	6,400	\$6,400	\$13,000
RSA355	Colorado 8 - Kiowa	WZ-RSA355-C	C	710-716, 740-746	44,214	12	6,600	\$6,600	\$13,000
RSA356	Colorado 9 - Costilla	WZ-RSA356-C	C	710-716, 740-746	27,520	12	4,100	\$4,100	\$8,300

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
RSA357	Connecticut 1 - Litchfield	WZ-RSA357-C	C	710-716, 740-746	174,092	12	26,000	\$26,000	\$52,000
RSA358	Connecticut 2 - Windham	WZ-RSA358-C	C	710-716, 740-746	102,525	12	15,000	\$15,000	\$31,000
RSA359	Delaware 1 - Kent	WZ-RSA359-C	C	710-716, 740-746	224,222	12	34,000	\$34,000	\$67,000
RSA360	Florida 1 - Collier	WZ-RSA360-C	C	710-716, 740-746	177,872	12	27,000	\$27,000	\$53,000
RSA361	Florida 2 - Glades	WZ-RSA361-C	C	710-716, 740-746	195,858	12	29,000	\$29,000	\$59,000
RSA362	Florida 3 - Hardee	WZ-RSA362-C	C	710-716, 740-746	154,339	12	23,000	\$23,000	\$46,000
RSA363	Florida 4 - Citrus	WZ-RSA363-C	C	710-716, 740-746	378,311	12	57,000	\$57,000	\$113,000
RSA364	Florida 5 - Putnam	WZ-RSA364-C	C	710-716, 740-746	93,771	12	14,000	\$14,000	\$28,000
RSA365	Florida 6 - Dixie	WZ-RSA365-C	C	710-716, 740-746	46,175	12	6,900	\$6,900	\$14,000
RSA366	Florida 7 - Hamilton	WZ-RSA366-C	C	710-716, 740-746	90,575	12	14,000	\$14,000	\$27,000
RSA367	Florida 8 - Jefferson	WZ-RSA367-C	C	710-716, 740-746	50,554	12	7,600	\$7,600	\$15,000
RSA368	Florida 9 - Calhoun	WZ-RSA368-C	C	710-716, 740-746	37,051	12	5,600	\$5,600	\$11,000
RSA369	Florida 10 - Walton	WZ-RSA369-C	C	710-716, 740-746	101,832	12	15,000	\$15,000	\$31,000
RSA370	Florida 11 - Monroe	WZ-RSA370-C	C	710-716, 740-746	78,024	12	12,000	\$12,000	\$23,000
RSA371	Georgia 1 - Whitfield	WZ-RSA371-C	C	710-716, 740-746	196,220	12	29,000	\$29,000	\$59,000
RSA372	Georgia 2 - Dawson	WZ-RSA372-C	C	710-716, 740-746	251,641	12	38,000	\$38,000	\$75,000
RSA373	Georgia 3 - Chattooga	WZ-RSA373-C	C	710-716, 740-746	193,219	12	29,000	\$29,000	\$58,000
RSA374	Georgia 4 - Jasper	WZ-RSA374-C	C	710-716, 740-746	115,644	12	17,000	\$17,000	\$35,000
RSA375	Georgia 5 - Haralson	WZ-RSA375-C	C	710-716, 740-746	211,405	12	32,000	\$32,000	\$63,000
RSA376	Georgia 6 - Spalding	WZ-RSA376-C	C	710-716, 740-746	184,488	12	28,000	\$28,000	\$55,000
RSA377	Georgia 7 - Hancock	WZ-RSA377-C	C	710-716, 740-746	126,095	12	19,000	\$19,000	\$38,000
RSA378	Georgia 8 - Warren	WZ-RSA378-C	C	710-716, 740-746	145,920	12	22,000	\$22,000	\$44,000
RSA379	Georgia 9 - Marion	WZ-RSA379-C	C	710-716, 740-746	114,598	12	17,000	\$17,000	\$34,000
RSA380	Georgia 10 - Bleckley	WZ-RSA380-C	C	710-716, 740-746	141,440	12	21,000	\$21,000	\$42,000
RSA381	Georgia 11 - Toombs	WZ-RSA381-C	C	710-716, 740-746	144,200	12	22,000	\$22,000	\$43,000
RSA382	Georgia 12 - Liberty	WZ-RSA382-C	C	710-716, 740-746	182,600	12	27,000	\$27,000	\$55,000
RSA383	Georgia 13 - Early	WZ-RSA383-C	C	710-716, 740-746	140,823	12	21,000	\$21,000	\$42,000
RSA384	Georgia 14 - Worth	WZ-RSA384-C	C	710-716, 740-746	230,614	12	35,000	\$35,000	\$69,000
RSA385	Hawaii 1 - Kauai	WZ-RSA385-C	C	710-716, 740-746	51,177	12	7,700	\$7,700	\$15,000
RSA386	Hawaii 2 - Maui	WZ-RSA386-C	C	710-716, 740-746	100,504	12	15,000	\$15,000	\$30,000
RSA387	Hawaii 3 - Hawaii	WZ-RSA387-C	C	710-716, 740-746	120,317	12	18,000	\$18,000	\$36,000
RSA388	Idaho 1 - Boundary	WZ-RSA388-C	C	710-716, 740-746	203,009	12	30,000	\$30,000	\$61,000
RSA389	Idaho 2 - Idaho	WZ-RSA389-C	C	710-716, 740-746	59,974	12	9,000	\$9,000	\$18,000
RSA390	Idaho 3 - Lemhi	WZ-RSA390-C	C	710-716, 740-746	14,541	12	2,200	\$2,200	\$4,400
RSA391	Idaho 4 - Elmore	WZ-RSA391-C	C	710-716, 740-746	119,673	12	18,000	\$18,000	\$36,000
RSA392	Idaho 5 - Butte	WZ-RSA392-C	C	710-716, 740-746	139,749	12	21,000	\$21,000	\$42,000
RSA393	Idaho 6 - Clark	WZ-RSA393-C	C	710-716, 740-746	264,028	12	40,000	\$40,000	\$79,000
RSA394	Illinois 1 - Jo Davie	WZ-RSA394-C	C	710-716, 740-746	305,145	12	46,000	\$46,000	\$92,000
RSA395	Illinois 2 - Bureau	WZ-RSA395-C	C	710-716, 740-746	252,074	12	38,000	\$38,000	\$76,000
RSA396	Illinois 3 - Mercer	WZ-RSA396-C	C	710-716, 740-746	203,155	12	30,000	\$30,000	\$61,000
RSA397	Illinois 4 - Adams	WZ-RSA397-C	C	710-716, 740-746	213,299	12	32,000	\$32,000	\$64,000
RSA398	Illinois 5 - Mason	WZ-RSA398-C	C	710-716, 740-746	93,061	12	14,000	\$14,000	\$28,000
RSA399	Illinois 6 - Montgomery	WZ-RSA399-C	C	710-716, 740-746	196,556	12	29,000	\$29,000	\$59,000
RSA400	Illinois 7 - Vermilion	WZ-RSA400-C	C	710-716, 740-746	235,624	12	35,000	\$35,000	\$71,000
RSA401	Illinois 8 - Washington	WZ-RSA401-C	C	710-716, 740-746	328,966	12	49,000	\$49,000	\$99,000
RSA402	Illinois 9 - Clay	WZ-RSA402-C	C	710-716, 740-746	152,812	12	23,000	\$23,000	\$46,000
RSA403	Indiana 1 - Newton	WZ-RSA403-C	C	710-716, 740-746	204,232	12	31,000	\$31,000	\$61,000
RSA404	Indiana 2 - Kosciusko	WZ-RSA404-C	C	710-716, 740-746	160,094	12	24,000	\$24,000	\$48,000
RSA405	Indiana 3 - Huntington	WZ-RSA405-C	C	710-716, 740-746	145,175	12	22,000	\$22,000	\$44,000
RSA406	Indiana 4 - Miami	WZ-RSA406-C	C	710-716, 740-746	179,002	12	27,000	\$27,000	\$54,000
RSA407	Indiana 5 - Warren	WZ-RSA407-C	C	710-716, 740-746	115,586	12	17,000	\$17,000	\$35,000
RSA408	Indiana 6 - Randolph	WZ-RSA408-C	C	710-716, 740-746	217,938	12	33,000	\$33,000	\$65,000
RSA409	Indiana 7 - Owen	WZ-RSA409-C	C	710-716, 740-746	213,199	12	32,000	\$32,000	\$64,000
RSA410	Indiana 8 - Brown	WZ-RSA410-C	C	710-716, 740-746	240,233	12	36,000	\$36,000	\$72,000
RSA411	Indiana 9 - Decatur	WZ-RSA411-C	C	710-716, 740-746	135,763	12	20,000	\$20,000	\$41,000
RSA412	Iowa 1 - Mills	WZ-RSA412-C	C	710-716, 740-746	62,354	12	9,400	\$9,400	\$19,000
RSA413	Iowa 2 - Union	WZ-RSA413-C	C	710-716, 740-746	50,932	12	7,600	\$7,600	\$15,000
RSA414	Iowa 3 - Monroe	WZ-RSA414-C	C	710-716, 740-746	89,842	12	13,000	\$13,000	\$27,000
RSA415	Iowa 4 - Muscatine	WZ-RSA415-C	C	710-716, 740-746	152,026	12	23,000	\$23,000	\$46,000
RSA416	Iowa 5 - Jackson	WZ-RSA416-C	C	710-716, 740-746	107,815	12	16,000	\$16,000	\$32,000
RSA417	Iowa 6 - Iowa	WZ-RSA417-C	C	710-716, 740-746	151,217	12	23,000	\$23,000	\$45,000
RSA418	Iowa 7 - Audubon	WZ-RSA418-C	C	710-716, 740-746	54,289	12	8,100	\$8,100	\$16,000
RSA419	Iowa 8 - Monona	WZ-RSA419-C	C	710-716, 740-746	54,769	12	8,200	\$8,200	\$16,000
RSA420	Iowa 9 - Ida	WZ-RSA420-C	C	710-716, 740-746	63,665	12	9,500	\$9,500	\$19,000
RSA421	Iowa 10 - Humboldt	WZ-RSA421-C	C	710-716, 740-746	180,876	12	27,000	\$27,000	\$54,000
RSA422	Iowa 11 - Hardin	WZ-RSA422-C	C	710-716, 740-746	109,247	12	16,000	\$16,000	\$33,000
RSA423	Iowa 12 - Winneshiek	WZ-RSA423-C	C	710-716, 740-746	114,478	12	17,000	\$17,000	\$34,000
RSA424	Iowa 13 - Mitchell	WZ-RSA424-C	C	710-716, 740-746	66,821	12	10,000	\$10,000	\$20,000
RSA425	Iowa 14 - Kossuth	WZ-RSA425-C	C	710-716, 740-746	109,439	12	16,000	\$16,000	\$33,000
RSA426	Iowa 15 - Dickinson	WZ-RSA426-C	C	710-716, 740-746	84,222	12	13,000	\$13,000	\$25,000
RSA427	Iowa 16 - Lyon	WZ-RSA427-C	C	710-716, 740-746	102,052	12	15,000	\$15,000	\$31,000
RSA428	Kansas 1 - Cheyenne	WZ-RSA428-C	C	710-716, 740-746	28,895	12	4,300	\$4,300	\$8,700
RSA429	Kansas 2 - Norton	WZ-RSA429-C	C	710-716, 740-746	32,064	12	4,800	\$4,800	\$9,600
RSA430	Kansas 3 - Jewell	WZ-RSA430-C	C	710-716, 740-746	54,477	12	8,200	\$8,200	\$16,000
RSA431	Kansas 4 - Marshall	WZ-RSA431-C	C	710-716, 740-746	135,871	12	20,000	\$20,000	\$41,000
RSA432	Kansas 5 - Brown	WZ-RSA432-C	C	710-716, 740-746	112,090	12	17,000	\$17,000	\$34,000
RSA433	Kansas 6 - Wallace	WZ-RSA433-C	C	710-716, 740-746	20,329	12	3,000	\$3,000	\$6,100
RSA434	Kansas 7 - Trego	WZ-RSA434-C	C	710-716, 740-746	82,345	12	12,000	\$12,000	\$25,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
RSA435	Kansas 8 - Ellsworth	WZ-RSA435-C	C	710-716, 740-746	125,611	12	19,000	\$19,000	\$38,000
RSA436	Kansas 9 - Morris	WZ-RSA436-C	C	710-716, 740-746	58,401	12	8,800	\$8,800	\$18,000
RSA437	Kansas 10 - Franklin	WZ-RSA437-C	C	710-716, 740-746	103,641	12	16,000	\$16,000	\$31,000
RSA438	Kansas 11 - Hamilton	WZ-RSA438-C	C	710-716, 740-746	80,134	12	12,000	\$12,000	\$24,000
RSA439	Kansas 12 - Hodgeman	WZ-RSA439-C	C	710-716, 740-746	41,701	12	6,300	\$6,300	\$13,000
RSA440	Kansas 13 - Edwards	WZ-RSA440-C	C	710-716, 740-746	30,701	12	4,600	\$4,600	\$9,200
RSA441	Kansas 14 - Reno	WZ-RSA441-C	C	710-716, 740-746	171,589	12	26,000	\$26,000	\$51,000
RSA442	Kansas 15 - Elk	WZ-RSA442-C	C	710-716, 740-746	154,509	12	23,000	\$23,000	\$46,000
RSA443	Kentucky 1 - Fulton	WZ-RSA443-C	C	710-716, 740-746	181,346	12	27,000	\$27,000	\$54,000
RSA444	Kentucky 2 - Union	WZ-RSA444-C	C	710-716, 740-746	125,113	12	19,000	\$19,000	\$38,000
RSA445	Kentucky 3 - Meade	WZ-RSA445-C	C	710-716, 740-746	294,851	12	44,000	\$44,000	\$88,000
RSA446	Kentucky 4 - Spencer	WZ-RSA446-C	C	710-716, 740-746	229,606	12	34,000	\$34,000	\$69,000
RSA447	Kentucky 5 - Barren	WZ-RSA447-C	C	710-716, 740-746	148,321	12	22,000	\$22,000	\$44,000
RSA448	Kentucky 6 - Madison	WZ-RSA448-C	C	710-716, 740-746	236,714	12	36,000	\$36,000	\$71,000
RSA449	Kentucky 7 - Trimble	WZ-RSA449-C	C	710-716, 740-746	155,259	12	23,000	\$23,000	\$47,000
RSA450	Kentucky 8 - Mason	WZ-RSA450-C	C	710-716, 740-746	113,300	12	17,000	\$17,000	\$34,000
RSA451	Kentucky 9 - Elliott	WZ-RSA451-C	C	710-716, 740-746	197,121	12	30,000	\$30,000	\$59,000
RSA452	Kentucky 10 - Powell	WZ-RSA452-C	C	710-716, 740-746	148,108	12	22,000	\$22,000	\$44,000
RSA453	Kentucky 11 - Clay	WZ-RSA453-C	C	710-716, 740-746	166,470	12	25,000	\$25,000	\$50,000
RSA454	Louisiana 1 - Claiborne	WZ-RSA454-C	C	710-716, 740-746	111,524	12	17,000	\$17,000	\$33,000
RSA455	Louisiana 2 - Morehouse	WZ-RSA455-C	C	710-716, 740-746	116,322	12	17,000	\$17,000	\$35,000
RSA456	Louisiana 3 - De Soto	WZ-RSA456-C	C	710-716, 740-746	156,029	12	23,000	\$23,000	\$47,000
RSA457	Louisiana 4 - Caldwell	WZ-RSA457-C	C	710-716, 740-746	71,634	12	11,000	\$11,000	\$21,000
RSA458	Louisiana 5 - Beauregard	WZ-RSA458-C	C	710-716, 740-746	372,532	12	56,000	\$56,000	\$112,000
RSA459	Louisiana 6 - Iberville	WZ-RSA459-C	C	710-716, 740-746	180,185	12	27,000	\$27,000	\$54,000
RSA460	Louisiana 7 - West Feliciana	WZ-RSA460-C	C	710-716, 740-746	170,894	12	26,000	\$26,000	\$51,000
RSA461	Louisiana 8 - St. James	WZ-RSA461-C	C	710-716, 740-746	103,312	12	15,000	\$15,000	\$31,000
RSA462	Louisiana 9 - Plaquemines	WZ-RSA462-C	C	710-716, 740-746	25,575	12	3,800	\$3,800	\$7,700
RSA463	Maine 1 - Oxford	WZ-RSA463-C	C	710-716, 740-746	81,610	12	12,000	\$12,000	\$24,000
RSA464	Maine 2 - Somerset	WZ-RSA464-C	C	710-716, 740-746	155,356	12	23,000	\$23,000	\$47,000
RSA465	Maine 3 - Kennebec	WZ-RSA465-C	C	710-716, 740-746	215,589	12	32,000	\$32,000	\$65,000
RSA466	Maine 4 - Washington	WZ-RSA466-C	C	710-716, 740-746	82,256	12	12,000	\$12,000	\$25,000
RSA467	Maryland 1 - Garrett	WZ-RSA467-C	C	710-716, 740-746	28,138	12	4,200	\$4,200	\$8,400
RSA468	Maryland 2 - Kent	WZ-RSA468-C	C	710-716, 740-746	399,768	12	60,000	\$60,000	\$120,000
RSA469	Maryland 3 - Frederick	WZ-RSA469-C	C	710-716, 740-746	150,208	12	23,000	\$23,000	\$45,000
RSA470	Massachusetts 1 - Franklin	WZ-RSA470-C	C	710-716, 740-746	70,092	12	11,000	\$11,000	\$21,000
RSA471	Massachusetts 2 - Barnstable	WZ-RSA471-C	C	710-716, 740-746	204,256	12	31,000	\$31,000	\$61,000
RSA472	Michigan 1 - Gogebic	WZ-RSA472-C	C	710-716, 740-746	207,820	12	31,000	\$31,000	\$62,000
RSA473	Michigan 2 - Alger	WZ-RSA473-C	C	710-716, 740-746	106,095	12	16,000	\$16,000	\$32,000
RSA474	Michigan 3 - Emmet	WZ-RSA474-C	C	710-716, 740-746	142,463	12	21,000	\$21,000	\$43,000
RSA475	Michigan 4 - Cheboygan	WZ-RSA475-C	C	710-716, 740-746	122,886	12	18,000	\$18,000	\$37,000
RSA476	Michigan 5 - Manistee	WZ-RSA476-C	C	710-716, 740-746	142,765	12	21,000	\$21,000	\$43,000
RSA477	Michigan 6 - Roscommon	WZ-RSA477-C	C	710-716, 740-746	130,445	12	20,000	\$20,000	\$39,000
RSA478	Michigan 7 - Newaygo	WZ-RSA478-C	C	710-716, 740-746	222,175	12	33,000	\$33,000	\$67,000
RSA479	Michigan 8 - Allegan	WZ-RSA479-C	C	710-716, 740-746	90,509	12	14,000	\$14,000	\$27,000
RSA480	Michigan 9 - Cass	WZ-RSA480-C	C	710-716, 740-746	284,799	12	43,000	\$43,000	\$85,000
RSA481	Michigan 10 - Tuscola	WZ-RSA481-C	C	710-716, 740-746	130,377	12	20,000	\$20,000	\$39,000
RSA482	Minnesota 1 - Kittson	WZ-RSA482-C	C	710-716, 740-746	49,617	12	7,400	\$7,400	\$15,000
RSA483	Minnesota 2 - Lake of the Wood	WZ-RSA483-C	C	710-716, 740-746	59,788	12	9,000	\$9,000	\$18,000
RSA484	Minnesota 3 - Koochiching	WZ-RSA484-C	C	710-716, 740-746	57,162	12	8,600	\$8,600	\$17,000
RSA485	Minnesota 4 - Lake	WZ-RSA485-C	C	710-716, 740-746	14,283	12	2,100	\$2,100	\$4,300
RSA486	Minnesota 5 - Wilkin	WZ-RSA486-C	C	710-716, 740-746	200,399	12	30,000	\$30,000	\$60,000
RSA487	Minnesota 6 - Hubbard	WZ-RSA487-C	C	710-716, 740-746	230,924	12	35,000	\$35,000	\$69,000
RSA488	Minnesota 7 - Chippewa	WZ-RSA488-C	C	710-716, 740-746	164,980	12	25,000	\$25,000	\$49,000
RSA489	Minnesota 8 - Lac qui Parle	WZ-RSA489-C	C	710-716, 740-746	69,541	12	10,000	\$10,000	\$21,000
RSA490	Minnesota 9 - Pipestone	WZ-RSA490-C	C	710-716, 740-746	136,006	12	20,000	\$20,000	\$41,000
RSA491	Minnesota 10 - Le Sueur	WZ-RSA491-C	C	710-716, 740-746	225,271	12	34,000	\$34,000	\$68,000
RSA492	Minnesota 11 - Goodhue	WZ-RSA492-C	C	710-716, 740-746	200,652	12	30,000	\$30,000	\$60,000
RSA493	Mississippi 1 - Tunica	WZ-RSA493-C	C	710-716, 740-746	163,934	12	25,000	\$25,000	\$49,000
RSA494	Mississippi 2 - Benton	WZ-RSA494-C	C	710-716, 740-746	230,172	12	35,000	\$35,000	\$69,000
RSA495	Mississippi 3 - Bolivar	WZ-RSA495-C	C	710-716, 740-746	158,134	12	24,000	\$24,000	\$47,000
RSA496	Mississippi 4 - Yalobusha	WZ-RSA496-C	C	710-716, 740-746	124,283	12	19,000	\$19,000	\$37,000
RSA497	Mississippi 5 - Washington	WZ-RSA497-C	C	710-716, 740-746	162,430	12	24,000	\$24,000	\$49,000
RSA498	Mississippi 6 - Montgomery	WZ-RSA498-C	C	710-716, 740-746	179,882	12	27,000	\$27,000	\$54,000
RSA499	Mississippi 7 - Leake	WZ-RSA499-C	C	710-716, 740-746	173,575	12	26,000	\$26,000	\$52,000
RSA500	Mississippi 8 - Claiborne	WZ-RSA500-C	C	710-716, 740-746	153,922	12	23,000	\$23,000	\$46,000
RSA501	Mississippi 9 - Copiah	WZ-RSA501-C	C	710-716, 740-746	117,950	12	18,000	\$18,000	\$35,000
RSA502	Mississippi 10 - Smith	WZ-RSA502-C	C	710-716, 740-746	147,300	12	22,000	\$22,000	\$44,000
RSA503	Mississippi 11 - Lamar	WZ-RSA503-C	C	710-716, 740-746	175,210	12	26,000	\$26,000	\$53,000
RSA504	Missouri 1 - Atchison	WZ-RSA504-C	C	710-716, 740-746	44,488	12	6,700	\$6,700	\$13,000
RSA505	Missouri 2 - Harrison	WZ-RSA505-C	C	710-716, 740-746	34,133	12	5,100	\$5,100	\$10,000
RSA506	Missouri 3 - Schuyler	WZ-RSA506-C	C	710-716, 740-746	55,897	12	8,400	\$8,400	\$17,000
RSA507	Missouri 4 - De Kalb	WZ-RSA507-C	C	710-716, 740-746	68,147	12	10,000	\$10,000	\$20,000
RSA508	Missouri 5 - Linn	WZ-RSA508-C	C	710-716, 740-746	69,744	12	10,000	\$10,000	\$21,000
RSA509	Missouri 6 - Marion	WZ-RSA509-C	C	710-716, 740-746	84,830	12	13,000	\$13,000	\$25,000
RSA510	Missouri 7 - Saline	WZ-RSA510-C	C	710-716, 740-746	157,047	12	24,000	\$24,000	\$47,000
RSA511	Missouri 8 - Callaway	WZ-RSA511-C	C	710-716, 740-746	92,590	12	14,000	\$14,000	\$28,000
RSA512	Missouri 9 - Bates	WZ-RSA512-C	C	710-716, 740-746	74,660	12	11,000	\$11,000	\$22,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
RSA513	Missouri 10 - Benton	WZ-RSA513-C	C	710-716, 740-746	83,161	12	12,000	\$12,000	\$25,000
RSA514	Missouri 11 - Moniteau	WZ-RSA514-C	C	710-716, 740-746	138,175	12	21,000	\$21,000	\$41,000
RSA515	Missouri 12 - Maries	WZ-RSA515-C	C	710-716, 740-746	117,406	12	18,000	\$18,000	\$35,000
RSA516	Missouri 13 - Washington	WZ-RSA516-C	C	710-716, 740-746	85,321	12	13,000	\$13,000	\$26,000
RSA517	Missouri 14 - Barton	WZ-RSA517-C	C	710-716, 740-746	93,482	12	14,000	\$14,000	\$28,000
RSA518	Missouri 15 - Stone	WZ-RSA518-C	C	710-716, 740-746	96,560	12	14,000	\$14,000	\$29,000
RSA519	Missouri 16 - Laclede	WZ-RSA519-C	C	710-716, 740-746	89,145	12	13,000	\$13,000	\$27,000
RSA520	Missouri 17 - Shannon	WZ-RSA520-C	C	710-716, 740-746	52,288	12	7,800	\$7,800	\$16,000
RSA521	Missouri 18 - Perry	WZ-RSA521-C	C	710-716, 740-746	111,570	12	17,000	\$17,000	\$33,000
RSA522	Missouri 19 - Stoddard	WZ-RSA522-C	C	710-716, 740-746	197,439	12	30,000	\$30,000	\$59,000
RSA523	Montana 1 - Lincoln	WZ-RSA523-C	C	710-716, 740-746	131,234	12	20,000	\$20,000	\$39,000
RSA524	Montana 2 - Toole	WZ-RSA524-C	C	710-716, 740-746	37,175	12	5,600	\$5,600	\$11,000
RSA525	Montana 3 - Phillips	WZ-RSA525-C	C	710-716, 740-746	14,991	12	2,200	\$2,200	\$4,500
RSA526	Montana 4 - Daniels	WZ-RSA526-C	C	710-716, 740-746	41,685	12	6,300	\$6,300	\$13,000
RSA527	Montana 5 - Mineral	WZ-RSA527-C	C	710-716, 740-746	163,675	12	25,000	\$25,000	\$49,000
RSA528	Montana 6 - Deer Lodge	WZ-RSA528-C	C	710-716, 740-746	61,823	12	9,300	\$9,300	\$19,000
RSA529	Montana 7 - Fergus	WZ-RSA529-C	C	710-716, 740-746	27,310	12	4,100	\$4,100	\$8,200
RSA530	Montana 8 - Beaverhead	WZ-RSA530-C	C	710-716, 740-746	79,490	12	12,000	\$12,000	\$24,000
RSA531	Montana 9 - Carbon	WZ-RSA531-C	C	710-716, 740-746	30,796	12	4,600	\$4,600	\$9,200
RSA532	Montana 10 - Prairie	WZ-RSA532-C	C	710-716, 740-746	19,776	12	3,000	\$3,000	\$5,900
RSA533	Nebraska 1 - Sioux	WZ-RSA533-C	C	710-716, 740-746	91,049	12	14,000	\$14,000	\$27,000
RSA534	Nebraska 2 - Cherry	WZ-RSA534-C	C	710-716, 740-746	31,535	12	4,700	\$4,700	\$9,500
RSA535	Nebraska 3 - Knox	WZ-RSA535-C	C	710-716, 740-746	114,784	12	17,000	\$17,000	\$34,000
RSA536	Nebraska 4 - Grant	WZ-RSA536-C	C	710-716, 740-746	35,875	12	5,400	\$5,400	\$11,000
RSA537	Nebraska 5 - Boone	WZ-RSA537-C	C	710-716, 740-746	141,611	12	21,000	\$21,000	\$42,000
RSA538	Nebraska 6 - Keith	WZ-RSA538-C	C	710-716, 740-746	101,846	12	15,000	\$15,000	\$31,000
RSA539	Nebraska 7 - Hall	WZ-RSA539-C	C	710-716, 740-746	87,665	12	13,000	\$13,000	\$26,000
RSA540	Nebraska 8 - Chase	WZ-RSA540-C	C	710-716, 740-746	58,314	12	8,700	\$8,700	\$17,000
RSA541	Nebraska 9 - Adams	WZ-RSA541-C	C	710-716, 740-746	82,025	12	12,000	\$12,000	\$25,000
RSA542	Nebraska 10 - Cass	WZ-RSA542-C	C	710-716, 740-746	84,271	12	13,000	\$13,000	\$25,000
RSA543	Nevada 1 - Humboldt	WZ-RSA543-C	C	710-716, 740-746	35,118	12	5,300	\$5,300	\$11,000
RSA544	Nevada 2 - Lander	WZ-RSA544-C	C	710-716, 740-746	41,343	12	6,200	\$6,200	\$12,000
RSA545	Nevada 3 - Storey	WZ-RSA545-C	C	710-716, 740-746	90,607	12	14,000	\$14,000	\$27,000
RSA546	Nevada 4 - Mineral	WZ-RSA546-C	C	710-716, 740-746	25,600	12	3,800	\$3,800	\$7,700
RSA547	Nevada 5 - White Pine	WZ-RSA547-C	C	710-716, 740-746	13,039	12	2,000	\$2,000	\$3,900
RSA548	New Hampshire 1 - Coos	WZ-RSA548-C	C	710-716, 740-746	218,470	12	33,000	\$33,000	\$66,000
RSA549	New Hampshire 2 - Carroll	WZ-RSA549-C	C	710-716, 740-746	204,631	12	31,000	\$31,000	\$61,000
RSA550	New Jersey 1 - Hunterdon	WZ-RSA550-C	C	710-716, 740-746	107,776	12	16,000	\$16,000	\$32,000
RSA551	New Jersey 2 - Ocean	WZ-RSA551-C	C	710-716, 740-746	433,203	12	65,000	\$65,000	\$130,000
RSA552	New Jersey 3 - Sussex	WZ-RSA552-C	C	710-716, 740-746	130,943	12	20,000	\$20,000	\$39,000
RSA553	New Mexico 1 - San Juan	WZ-RSA553-C	C	710-716, 740-746	233,568	12	35,000	\$35,000	\$70,000
RSA554	New Mexico 2 - Colfax	WZ-RSA554-C	C	710-716, 740-746	22,300	12	3,300	\$3,300	\$6,700
RSA555	New Mexico 3 - Catron	WZ-RSA555-C	C	710-716, 740-746	72,474	12	11,000	\$11,000	\$22,000
RSA556	New Mexico 4 - Santa Fe	WZ-RSA556-C	C	710-716, 740-746	229,211	12	34,000	\$34,000	\$69,000
RSA557	New Mexico 5 - Grant	WZ-RSA557-C	C	710-716, 740-746	51,744	12	7,800	\$7,800	\$16,000
RSA558	New Mexico 6 - Lincoln	WZ-RSA558-C	C	710-716, 740-746	226,366	12	34,000	\$34,000	\$68,000
RSA559	New York 1 - Jefferson	WZ-RSA559-C	C	710-716, 740-746	249,713	12	37,000	\$37,000	\$75,000
RSA560	New York 2 - Franklin	WZ-RSA560-C	C	710-716, 740-746	229,131	12	34,000	\$34,000	\$69,000
RSA561	New York 3 - Chautauqua	WZ-RSA561-C	C	710-716, 740-746	478,254	12	72,000	\$72,000	\$143,000
RSA562	New York 4 - Yates	WZ-RSA562-C	C	710-716, 740-746	352,296	12	53,000	\$53,000	\$106,000
RSA563	New York 5 - Otsego	WZ-RSA563-C	C	710-716, 740-746	374,182	12	56,000	\$56,000	\$112,000
RSA564	New York 6 - Columbia	WZ-RSA564-C	C	710-716, 740-746	107,721	12	16,000	\$16,000	\$32,000
RSA565	North Carolina 1 - Cherokee	WZ-RSA565-C	C	710-716, 740-746	168,596	12	25,000	\$25,000	\$51,000
RSA566	North Carolina 2 - Yancey	WZ-RSA566-C	C	710-716, 740-746	152,380	12	23,000	\$23,000	\$46,000
RSA567	North Carolina 3 - Ashe	WZ-RSA567-C	C	710-716, 740-746	152,896	12	23,000	\$23,000	\$46,000
RSA568	North Carolina 4 - Henderson	WZ-RSA568-C	C	710-716, 740-746	311,333	12	47,000	\$47,000	\$93,000
RSA569	North Carolina 5 - Anson	WZ-RSA569-C	C	710-716, 740-746	125,092	12	19,000	\$19,000	\$38,000
RSA570	North Carolina 6 - Chatham	WZ-RSA570-C	C	710-716, 740-746	139,146	12	21,000	\$21,000	\$42,000
RSA571	North Carolina 7 - Rockingham	WZ-RSA571-C	C	710-716, 740-746	267,853	12	40,000	\$40,000	\$80,000
RSA572	North Carolina 8 - Northampton	WZ-RSA572-C	C	710-716, 740-746	275,610	12	41,000	\$41,000	\$83,000
RSA573	North Carolina 9 - Camden	WZ-RSA573-C	C	710-716, 740-746	113,371	12	17,000	\$17,000	\$34,000
RSA574	North Carolina 10 - Harnett	WZ-RSA574-C	C	710-716, 740-746	253,794	12	38,000	\$38,000	\$76,000
RSA575	North Carolina 11 - Hoke	WZ-RSA575-C	C	710-716, 740-746	206,285	12	31,000	\$31,000	\$62,000
RSA576	North Carolina 12 - Sampson	WZ-RSA576-C	C	710-716, 740-746	116,147	12	17,000	\$17,000	\$35,000
RSA577	North Carolina 13 - Greene	WZ-RSA577-C	C	710-716, 740-746	227,613	12	34,000	\$34,000	\$68,000
RSA578	North Carolina 14 - Pitt	WZ-RSA578-C	C	710-716, 740-746	221,295	12	33,000	\$33,000	\$66,000
RSA579	North Carolina 15 - Cabarrus	WZ-RSA579-C	C	710-716, 740-746	382,095	12	57,000	\$57,000	\$115,000
RSA580	North Dakota 1 - Divide	WZ-RSA580-C	C	710-716, 740-746	105,589	12	16,000	\$16,000	\$32,000
RSA581	North Dakota 2 - Bottineau	WZ-RSA581-C	C	710-716, 740-746	61,933	12	9,300	\$9,300	\$19,000
RSA582	North Dakota 3 - Barnes	WZ-RSA582-C	C	710-716, 740-746	94,616	12	14,000	\$14,000	\$28,000
RSA583	North Dakota 4 - McKenzie	WZ-RSA583-C	C	710-716, 740-746	67,057	12	10,000	\$10,000	\$20,000
RSA584	North Dakota 5 - Kidder	WZ-RSA584-C	C	710-716, 740-746	52,217	12	7,800	\$7,800	\$16,000
RSA585	Ohio 1 - Williams	WZ-RSA585-C	C	710-716, 740-746	125,902	12	19,000	\$19,000	\$38,000
RSA586	Ohio 2 - Sandusky	WZ-RSA586-C	C	710-716, 740-746	254,715	12	38,000	\$38,000	\$76,000
RSA587	Ohio 3 - Ashtabula	WZ-RSA587-C	C	710-716, 740-746	99,821	12	15,000	\$15,000	\$30,000
RSA588	Ohio 4 - Mercer	WZ-RSA588-C	C	710-716, 740-746	212,256	12	32,000	\$32,000	\$64,000
RSA589	Ohio 5 - Hancock	WZ-RSA589-C	C	710-716, 740-746	231,045	12	35,000	\$35,000	\$69,000
RSA590	Ohio 6 - Morrow	WZ-RSA590-C	C	710-716, 740-746	420,766	12	63,000	\$63,000	\$126,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
RSA591	Ohio 7 - Tuscarawas	WZ-RSA591-C	C	710-716, 740-746	248,100	12	37,000	\$37,000	\$74,000
RSA592	Ohio 8 - Clinton	WZ-RSA592-C	C	710-716, 740-746	158,946	12	24,000	\$24,000	\$48,000
RSA593	Ohio 9 - Ross	WZ-RSA593-C	C	710-716, 740-746	235,090	12	35,000	\$35,000	\$71,000
RSA594	Ohio 10 - Perry	WZ-RSA594-C	C	710-716, 740-746	164,918	12	25,000	\$25,000	\$49,000
RSA595	Ohio 11 - Columbiana	WZ-RSA595-C	C	710-716, 740-746	108,276	12	16,000	\$16,000	\$32,000
RSA596	Oklahoma 1 - Cimarron	WZ-RSA596-C	C	710-716, 740-746	25,743	12	3,900	\$3,900	\$7,700
RSA597	Oklahoma 2 - Harper	WZ-RSA597-C	C	710-716, 740-746	51,110	12	7,700	\$7,700	\$15,000
RSA598	Oklahoma 3 - Grant	WZ-RSA598-C	C	710-716, 740-746	200,099	12	30,000	\$30,000	\$60,000
RSA599	Oklahoma 4 - Nowata	WZ-RSA599-C	C	710-716, 740-746	183,263	12	27,000	\$27,000	\$55,000
RSA600	Oklahoma 5 - Roger Mills	WZ-RSA600-C	C	710-716, 740-746	61,277	12	9,200	\$9,200	\$18,000
RSA601	Oklahoma 6 - Seminole	WZ-RSA601-C	C	710-716, 740-746	211,914	12	32,000	\$32,000	\$64,000
RSA602	Oklahoma 7 - Beckham	WZ-RSA602-C	C	710-716, 740-746	123,249	12	18,000	\$18,000	\$37,000
RSA603	Oklahoma 8 - Jackson	WZ-RSA603-C	C	710-716, 740-746	95,108	12	14,000	\$14,000	\$29,000
RSA604	Oklahoma 9 - Garvin	WZ-RSA604-C	C	710-716, 740-746	195,350	12	29,000	\$29,000	\$59,000
RSA605	Oklahoma 10 - Haskell	WZ-RSA605-C	C	710-716, 740-746	81,005	12	12,000	\$12,000	\$24,000
RSA606	Oregon 1 - Clatsop	WZ-RSA606-C	C	710-716, 740-746	157,979	12	24,000	\$24,000	\$47,000
RSA607	Oregon 2 - Hood River	WZ-RSA607-C	C	710-716, 740-746	64,918	12	9,700	\$9,700	\$19,000
RSA608	Oregon 3 - Umatilla	WZ-RSA608-C	C	710-716, 740-746	138,966	12	21,000	\$21,000	\$42,000
RSA609	Oregon 4 - Lincoln	WZ-RSA609-C	C	710-716, 740-746	200,927	12	30,000	\$30,000	\$60,000
RSA610	Oregon 5 - Coos	WZ-RSA610-C	C	710-716, 740-746	236,898	12	36,000	\$36,000	\$71,000
RSA611	Oregon 6 - Crook	WZ-RSA611-C	C	710-716, 740-746	161,017	12	24,000	\$24,000	\$48,000
RSA612	Pennsylvania 1 - Crawford	WZ-RSA612-C	C	710-716, 740-746	195,402	12	29,000	\$29,000	\$59,000
RSA613	Pennsylvania 2 - McKean	WZ-RSA613-C	C	710-716, 740-746	87,922	12	13,000	\$13,000	\$26,000
RSA614	Pennsylvania 3 - Potter	WZ-RSA614-C	C	710-716, 740-746	95,025	12	14,000	\$14,000	\$29,000
RSA615	Pennsylvania 4 - Bradford	WZ-RSA615-C	C	710-716, 740-746	95,147	12	14,000	\$14,000	\$29,000
RSA616	Pennsylvania 5 - Wayne	WZ-RSA616-C	C	710-716, 740-746	67,910	12	10,000	\$10,000	\$20,000
RSA617	Pennsylvania 6 - Lawrence	WZ-RSA617-C	C	710-716, 740-746	363,436	12	55,000	\$55,000	\$109,000
RSA618	Pennsylvania 7 - Jefferson	WZ-RSA618-C	C	710-716, 740-746	214,174	12	32,000	\$32,000	\$64,000
RSA619	Pennsylvania 8 - Union	WZ-RSA619-C	C	710-716, 740-746	403,149	12	60,000	\$60,000	\$121,000
RSA620	Pennsylvania 9 - Greene	WZ-RSA620-C	C	710-716, 740-746	184,901	12	28,000	\$28,000	\$55,000
RSA621	Pennsylvania 10 - Bedford	WZ-RSA621-C	C	710-716, 740-746	182,838	12	27,000	\$27,000	\$55,000
RSA622	Pennsylvania 11 - Huntington	WZ-RSA622-C	C	710-716, 740-746	110,986	12	17,000	\$17,000	\$33,000
RSA623	Pennsylvania 12 - Lebanon	WZ-RSA623-C	C	710-716, 740-746	113,744	12	17,000	\$17,000	\$34,000
RSA624	Rhode Island 1 - Newport	WZ-RSA624-C	C	710-716, 740-746	87,194	12	13,000	\$13,000	\$26,000
RSA625	South Carolina 1 - Oconee	WZ-RSA625-C	C	710-716, 740-746	57,494	12	8,600	\$8,600	\$17,000
RSA626	South Carolina 2 - Laurens	WZ-RSA626-C	C	710-716, 740-746	218,293	12	33,000	\$33,000	\$65,000
RSA627	South Carolina 3 - Cherokee	WZ-RSA627-C	C	710-716, 740-746	129,308	12	19,000	\$19,000	\$39,000
RSA628	South Carolina 4 - Chesterfield	WZ-RSA628-C	C	710-716, 740-746	202,502	12	30,000	\$30,000	\$61,000
RSA629	South Carolina 5 - Georgetown	WZ-RSA629-C	C	710-716, 740-746	224,254	12	34,000	\$34,000	\$67,000
RSA630	South Carolina 6 - Clarendon	WZ-RSA630-C	C	710-716, 740-746	186,339	12	28,000	\$28,000	\$56,000
RSA631	South Carolina 7 - Calhoun	WZ-RSA631-C	C	710-716, 740-746	146,473	12	22,000	\$22,000	\$44,000
RSA632	South Carolina 8 - Hampton	WZ-RSA632-C	C	710-716, 740-746	154,480	12	23,000	\$23,000	\$46,000
RSA633	South Carolina 9 - Lancaster	WZ-RSA633-C	C	710-716, 740-746	186,013	12	28,000	\$28,000	\$56,000
RSA634	South Dakota 1 - Harding	WZ-RSA634-C	C	710-716, 740-746	34,170	12	5,100	\$5,100	\$10,000
RSA635	South Dakota 2 - Corson	WZ-RSA635-C	C	710-716, 740-746	23,180	12	3,500	\$3,500	\$7,000
RSA636	South Dakota 3 - McPherson	WZ-RSA636-C	C	710-716, 740-746	53,889	12	8,100	\$8,100	\$16,000
RSA637	South Dakota 4 - Marshall	WZ-RSA637-C	C	710-716, 740-746	66,705	12	10,000	\$10,000	\$20,000
RSA638	South Dakota 5 - Custer	WZ-RSA638-C	C	710-716, 740-746	23,434	12	3,500	\$3,500	\$7,000
RSA639	South Dakota 6 - Haakon	WZ-RSA639-C	C	710-716, 740-746	38,828	12	5,800	\$5,800	\$12,000
RSA640	South Dakota 7 - Sully	WZ-RSA640-C	C	710-716, 740-746	65,558	12	9,800	\$9,800	\$20,000
RSA641	South Dakota 8 - Kingsbury	WZ-RSA641-C	C	710-716, 740-746	72,547	12	11,000	\$11,000	\$22,000
RSA642	South Dakota 9 - Hanson	WZ-RSA642-C	C	710-716, 740-746	90,663	12	14,000	\$14,000	\$27,000
RSA643	Tennessee 1 - Lake	WZ-RSA643-C	C	710-716, 740-746	291,074	12	44,000	\$44,000	\$87,000
RSA644	Tennessee 2 - Cannon	WZ-RSA644-C	C	710-716, 740-746	150,599	12	23,000	\$23,000	\$45,000
RSA645	Tennessee 3 - Macon	WZ-RSA645-C	C	710-716, 740-746	312,163	12	47,000	\$47,000	\$94,000
RSA646	Tennessee 4 - Hamblen	WZ-RSA646-C	C	710-716, 740-746	236,628	12	35,000	\$35,000	\$71,000
RSA647	Tennessee 5 - Fayette	WZ-RSA647-C	C	710-716, 740-746	318,396	12	48,000	\$48,000	\$96,000
RSA648	Tennessee 6 - Giles	WZ-RSA648-C	C	710-716, 740-746	145,294	12	22,000	\$22,000	\$44,000
RSA649	Tennessee 7 - Bledsoe	WZ-RSA649-C	C	710-716, 740-746	233,580	12	35,000	\$35,000	\$70,000
RSA650	Tennessee 8 - Johnson	WZ-RSA650-C	C	710-716, 740-746	13,766	12	2,100	\$2,100	\$4,100
RSA651	Tennessee 9 - Maury	WZ-RSA651-C	C	710-716, 740-746	54,812	12	8,200	\$8,200	\$16,000
RSA652	Texas 1 - Dallam	WZ-RSA652-C	C	710-716, 740-746	51,249	12	7,700	\$7,700	\$15,000
RSA653	Texas 2 - Hansford	WZ-RSA653-C	C	710-716, 740-746	94,265	12	14,000	\$14,000	\$28,000
RSA654	Texas 3 - Parmer	WZ-RSA654-C	C	710-716, 740-746	141,211	12	21,000	\$21,000	\$42,000
RSA655	Texas 4 - Briscoe	WZ-RSA655-C	C	710-716, 740-746	42,500	12	6,400	\$6,400	\$13,000
RSA656	Texas 5 - Hardeman	WZ-RSA656-C	C	710-716, 740-746	78,545	12	12,000	\$12,000	\$24,000
RSA657	Texas 6 - Jack	WZ-RSA657-C	C	710-716, 740-746	80,087	12	12,000	\$12,000	\$24,000
RSA658	Texas 7 - Fannin	WZ-RSA658-C	C	710-716, 740-746	343,449	12	52,000	\$52,000	\$103,000
RSA659	Texas 8 - Gaines	WZ-RSA659-C	C	710-716, 740-746	135,303	12	20,000	\$20,000	\$41,000
RSA660	Texas 9 - Runnels	WZ-RSA660-C	C	710-716, 740-746	175,130	12	26,000	\$26,000	\$53,000
RSA661	Texas 10 - Navarro	WZ-RSA661-C	C	710-716, 740-746	290,035	12	44,000	\$44,000	\$87,000
RSA662	Texas 11 - Cherokee	WZ-RSA662-C	C	710-716, 740-746	271,075	12	41,000	\$41,000	\$81,000
RSA663	Texas 12 - Hudspeith	WZ-RSA663-C	C	710-716, 740-746	23,586	12	3,500	\$3,500	\$7,100
RSA664	Texas 13 - Reeves	WZ-RSA664-C	C	710-716, 740-746	31,937	12	4,800	\$4,800	\$9,600
RSA665	Texas 14 - Loving	WZ-RSA665-C	C	710-716, 740-746	48,293	12	7,200	\$7,200	\$14,000
RSA666	Texas 15 - Concho	WZ-RSA666-C	C	710-716, 740-746	148,918	12	22,000	\$22,000	\$45,000
RSA667	Texas 16 - Burleson	WZ-RSA667-C	C	710-716, 740-746	301,415	12	45,000	\$45,000	\$90,000
RSA668	Texas 17 - Newton	WZ-RSA668-C	C	710-716, 740-746	221,872	12	33,000	\$33,000	\$67,000

Market Number	Market Name	License Number	Block	Frequencies (MHz)	Population	Bandwidth (MHz)	Bidding Units	Upfront Payment	Minimum Opening Bid
RSA669	Texas 18 - Edwards	WZ-RSA669-C	C	710-716, 740-746	185,431	12	28,000	\$28,000	\$56,000
RSA670	Texas 19 - Atascosa	WZ-RSA670-C	C	710-716, 740-746	203,052	12	30,000	\$30,000	\$61,000
RSA671	Texas 20 - Wilson	WZ-RSA671-C	C	710-716, 740-746	129,981	12	19,000	\$19,000	\$39,000
RSA672	Texas 21 - Chambers	WZ-RSA672-C	C	710-716, 740-746	20,088	12	3,000	\$3,000	\$6,000
RSA673	Utah 1 - Box Elder	WZ-RSA673-C	C	710-716, 740-746	108,393	12	16,000	\$16,000	\$33,000
RSA674	Utah 2 - Morgan	WZ-RSA674-C	C	710-716, 740-746	31,135	12	4,700	\$4,700	\$9,300
RSA675	Utah 3 - Juab	WZ-RSA675-C	C	710-716, 740-746	48,840	12	7,300	\$7,300	\$15,000
RSA676	Utah 4 - Beaver	WZ-RSA676-C	C	710-716, 740-746	74,114	12	11,000	\$11,000	\$22,000
RSA677	Utah 5 - Daggett	WZ-RSA677-C	C	710-716, 740-746	72,726	12	11,000	\$11,000	\$22,000
RSA678	Utah 6 - Piute	WZ-RSA678-C	C	710-716, 740-746	25,224	12	3,800	\$3,800	\$7,600
RSA679	Vermont 1 - Franklin	WZ-RSA679-C	C	710-716, 740-746	199,096	12	30,000	\$30,000	\$60,000
RSA680	Vermont 2 - Addison	WZ-RSA680-C	C	710-716, 740-746	226,583	12	34,000	\$34,000	\$68,000
RSA681	Virginia 1 - Lee	WZ-RSA681-C	C	710-716, 740-746	145,936	12	22,000	\$22,000	\$44,000
RSA682	Virginia 2 - Tazewell	WZ-RSA682-C	C	710-716, 740-746	133,258	12	20,000	\$20,000	\$40,000
RSA683	Virginia 3 - Giles	WZ-RSA683-C	C	710-716, 740-746	196,787	12	30,000	\$30,000	\$59,000
RSA684	Virginia 4 - Bedford	WZ-RSA684-C	C	710-716, 740-746	164,382	12	25,000	\$25,000	\$49,000
RSA685	Virginia 5 - Bath	WZ-RSA685-C	C	710-716, 740-746	61,360	12	9,200	\$9,200	\$18,000
RSA686	Virginia 6 - Highland	WZ-RSA686-C	C	710-716, 740-746	201,289	12	30,000	\$30,000	\$60,000
RSA687	Virginia 7 - Buckingham	WZ-RSA687-C	C	710-716, 740-746	85,736	12	13,000	\$13,000	\$26,000
RSA688	Virginia 8 - Amelia	WZ-RSA688-C	C	710-716, 740-746	80,427	12	12,000	\$12,000	\$24,000
RSA689	Virginia 9 - Greensville	WZ-RSA689-C	C	710-716, 740-746	81,019	12	12,000	\$12,000	\$24,000
RSA690	Virginia 10 - Frederick	WZ-RSA690-C	C	710-716, 740-746	214,602	12	32,000	\$32,000	\$64,000
RSA691	Virginia 11 - Madison	WZ-RSA691-C	C	710-716, 740-746	219,152	12	33,000	\$33,000	\$66,000
RSA692	Virginia 12 - Caroline	WZ-RSA692-C	C	710-716, 740-746	164,573	12	25,000	\$25,000	\$49,000
RSA693	Washington 1 - Clallam	WZ-RSA693-C	C	710-716, 740-746	226,395	12	34,000	\$34,000	\$68,000
RSA694	Washington 2 - Okanogan	WZ-RSA694-C	C	710-716, 740-746	111,805	12	17,000	\$17,000	\$34,000
RSA695	Washington 3 - Ferry	WZ-RSA695-C	C	710-716, 740-746	46,158	12	6,900	\$6,900	\$14,000
RSA696	Washington 4 - Grays Harbor	WZ-RSA696-C	C	710-716, 740-746	102,516	12	15,000	\$15,000	\$31,000
RSA697	Washington 5 - Kittitas	WZ-RSA697-C	C	710-716, 740-746	103,950	12	16,000	\$16,000	\$31,000
RSA698	Washington 6 - Pacific	WZ-RSA698-C	C	710-716, 740-746	163,686	12	25,000	\$25,000	\$49,000
RSA699	Washington 7 - Skamania	WZ-RSA699-C	C	710-716, 740-746	24,905	12	3,700	\$3,700	\$7,500
RSA700	Washington 8 - Whitman	WZ-RSA700-C	C	710-716, 740-746	111,091	12	17,000	\$17,000	\$33,000
RSA701	West Virginia 1 - Mason	WZ-RSA701-C	C	710-716, 740-746	74,121	12	11,000	\$11,000	\$22,000
RSA702	West Virginia 2 - Wetzel	WZ-RSA702-C	C	710-716, 740-746	78,719	12	12,000	\$12,000	\$24,000
RSA703	West Virginia 3 - Monongalia	WZ-RSA703-C	C	710-716, 740-746	262,009	12	39,000	\$39,000	\$79,000
RSA704	West Virginia 4 - Grant	WZ-RSA704-C	C	710-716, 740-746	153,264	12	23,000	\$23,000	\$46,000
RSA705	West Virginia 5 - Tucker	WZ-RSA705-C	C	710-716, 740-746	127,891	12	19,000	\$19,000	\$38,000
RSA706	West Virginia 6 - Lincoln	WZ-RSA706-C	C	710-716, 740-746	188,246	12	28,000	\$28,000	\$56,000
RSA707	West Virginia 7 - Raleigh	WZ-RSA707-C	C	710-716, 740-746	251,054	12	38,000	\$38,000	\$75,000
RSA708	Wisconsin 1 - Burnett	WZ-RSA708-C	C	710-716, 740-746	102,379	12	15,000	\$15,000	\$31,000
RSA709	Wisconsin 2 - Bayfield	WZ-RSA709-C	C	710-716, 740-746	81,328	12	12,000	\$12,000	\$24,000
RSA710	Wisconsin 3 - Vilas	WZ-RSA710-C	C	710-716, 740-746	128,151	12	19,000	\$19,000	\$38,000
RSA711	Wisconsin 4 - Marinette	WZ-RSA711-C	C	710-716, 740-746	111,821	12	17,000	\$17,000	\$34,000
RSA712	Wisconsin 5 - Pierce	WZ-RSA712-C	C	710-716, 740-746	89,365	12	13,000	\$13,000	\$27,000
RSA713	Wisconsin 6 - Trempealeau	WZ-RSA713-C	C	710-716, 740-746	110,131	12	17,000	\$17,000	\$33,000
RSA714	Wisconsin 7 - Wood	WZ-RSA714-C	C	710-716, 740-746	268,803	12	40,000	\$40,000	\$81,000
RSA715	Wisconsin 8 - Vernon	WZ-RSA715-C	C	710-716, 740-746	221,882	12	33,000	\$33,000	\$67,000
RSA716	Wisconsin 9 - Columbia	WZ-RSA716-C	C	710-716, 740-746	354,513	12	53,000	\$53,000	\$106,000
RSA717	Wisconsin 10 - Door	WZ-RSA717-C	C	710-716, 740-746	124,989	12	19,000	\$19,000	\$37,000
RSA718	Wyoming 1 - Park	WZ-RSA718-C	C	710-716, 740-746	46,900	12	7,000	\$7,000	\$14,000
RSA719	Wyoming 2 - Sheridan	WZ-RSA719-C	C	710-716, 740-746	70,889	12	11,000	\$11,000	\$21,000
RSA720	Wyoming 3 - Lincoln	WZ-RSA720-C	C	710-716, 740-746	136,489	12	20,000	\$20,000	\$41,000
RSA721	Wyoming 4 - Niobrara	WZ-RSA721-C	C	710-716, 740-746	126,956	12	19,000	\$19,000	\$38,000
RSA722	Wyoming 5 - Converse	WZ-RSA722-C	C	710-716, 740-746	11,128	12	1,700	\$1,700	\$3,300
RSA723	Puerto Rico 1 - Rincon	WZ-RSA723-C	C	710-716, 740-746	12,213	12	1,800	\$1,800	\$3,700
RSA724	Puerto Rico 2 - Adjuntas	WZ-RSA724-C	C	710-716, 740-746	255,029	12	38,000	\$38,000	\$77,000
RSA725	Puerto Rico 3 - Ciales	WZ-RSA725-C	C	710-716, 740-746	115,037	12	17,000	\$17,000	\$35,000
RSA726	Puerto Rico 4 - Aibonito	WZ-RSA726-C	C	710-716, 740-746	252,957	12	38,000	\$38,000	\$76,000
RSA727	Puerto Rico 5 - Ceiba	WZ-RSA727-C	C	710-716, 740-746	39,765	12	6,000	\$6,000	\$12,000
RSA728	Puerto Rico 6 - Vieques	WZ-RSA728-C	C	710-716, 740-746	8,602	12	1,300	\$1,300	\$2,600
RSA729	Puerto Rico 7 - Culebra	WZ-RSA729-C	C	710-716, 740-746	1,542	12	1,000	\$1,000	\$1,000
RSA730	Virgin Islands 1 - St. Thomas	WZ-RSA730-C	C	710-716, 740-746	51,670	12	7,800	\$7,800	\$16,000
RSA731	Virgin Islands 2 - St. Croix	WZ-RSA731-C	C	710-716, 740-746	50,139	12	7,500	\$7,500	\$15,000
RSA732	Guam	WZ-RSA732-C	C	710-716, 740-746	133,152	12	20,000	\$20,000	\$40,000
RSA733	American Samoa	WZ-RSA733-C	C	710-716, 740-746	46,773	12	7,000	\$7,000	\$14,000
RSA734	Northern Mariana Islands	WZ-RSA734-C	C	710-716, 740-746	43,345	12	6,500	\$6,500	\$13,000

MSA/RSA License Totals 734 Licenses 12 MHz 37,874,300 \$37,874,300 \$75,760,300

AUCTION TOTAL 758 Licenses 48 MHz 151,526,300 \$151,526,300 \$303,060,300