

REQUEST FOR WAIVER OF §73.509(a)
IN RESPECT TO
WSCL(FM), SALISBURY, MARYLAND

NEW(FM)
Sharptown, Maryland
Channel 210A – 89.9 MHz

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Introduction

The instant application meets all contour overlap requirements of §73.509(a), except in respect to second-adjacent channel station, WSCL, Salisbury, Maryland. For the reasons herein, Riverton Radio Project Association (RRPA) is petitioning for a waiver of §73.509(a) and a request for the Commission to issue an *Order to Show Cause* as to why the license for WSCL, Salisbury, Maryland should not be modified to indicate that modifications of the proposed facility would not be construed as a *per se* modification of WSCL.

Throughout the country, there are thousands of cities, towns and Census Designated Places, which currently do not have their own local transmission service, either commercial or noncommercial, AM or FM, despite being located outside of a top-100 media market. In these many communities, the ability to obtain a reserved band channel is not possible due to no channels being available due to second and/or third adjacent channel overlap by existing noncommercial educational (NCE) stations that primarily serve urbanized areas.

Many of these locations are also excluded from being able to obtain LPFM stations due to statutory provisions in the *Local Community Radio Act of 2010*,¹ that specifies distance separation requirements between stations instead of a contour overlap model.² Many of these areas may have channels available under §73.807(a) of the Commission's Rules for LPFM however because of weaker second-adjacent channel stations coming from urbanized areas, those channels would be nearly impossible to use without causing some kind of "interference" to nearby residences. Provisions in the LCRA prohibit the Commission from allowing any leeway in cases where there is *de minimis* population within the area of overlap.³

Here on the Delmarva peninsula of Maryland, Virginia and Delaware, we have many small towns that are outside an urbanized area, yet over many of these communities, there are large Class B and B1 FM stations from communities within urbanized areas like Salisbury, Maryland and Dover, Delaware that place a protected service contour over these communities and because of current second- and third-adjacent channel "protection" requirements, they have been excluded from operating smaller full-service FM broadcast stations tailored to their own communities because of influence from the urbanized areas. Because of the distance of these stations to these rural communities, LPFM ambitions would be substantially hampered by weak field strengths of second-adjacent channel short-spaced stations which would either preclude establishment of stations or requirements of the construction of directional antennas that would reduce the number of potential listeners served and at a far greater expense to the LPFM applicant.

¹ Pub. L. No. 111-371, 124 Stat. 4072 (2011) ("LCRA").

² Id. at § 3(b)(1).

³ See Id. at §3(b)(2)(A) ("...that their proposed operations will not result in interference to any radio service.").

Past Commission determinations support the grant of the waiver request

Over the years, the Commission's own findings as well as technical studies such as the MITRE Report⁴ that was conducted to determine the impact of LPFM stations on second- and third-adjacent channel full-service stations, the ongoing operation of LPFM and FM translator stations on the second and third-adjacent channels of full-service FM stations and other Commission findings, coupled with the advances in radio receiver technology over the years, we have reached a point where we need to re-look at second and third-adjacent channel protection requirements from both a technical aspect and from the aspect of fair distribution of radio channels among the states in accordance with Section 307(b) of the Communications Act.⁵

The "Raleigh" waiver standard - The issue of second- and third-adjacent channel NCE-FM overlap really came to light in 1991 with the decision related to *Educational Information Corporation* ("EIC"), a reserved band NCE station that was seeking modification of their licensed facility to increase power.⁶ In order to make that increase, it would have involved overlap of their protected service contour into another station's interfering contour. In the case of EIC, the applicant was willing to accept new interference from an existing station in order to effectuate the upgrade. In *Raleigh*, the Commission determined that **overlap of co-channel and first-adjacent channel signals is a more serious matter as interference that may occur results in a loss of service over a wide area where in contrast, second or third adjacent channel interference may result in the replacement of one service by another (not the complete loss of service) and is confined to a very small area around the transmitter of the interfering station.**⁷ Even thirty years ago, the Commission was already recognizing that the quality of radio receivers can play a role in the potential for interference in a given area.⁸ Receiver quality was evolving, even thirty years ago. Even since then, receiver quality has further evolved through innovations such as software defined radio and through enhancements like HD Radio. Today's radios are much more selective and far better reject second and third-adjacent channel interference than their predecessors from the 1960s, 1970s and even 1980s.

In *Raleigh*, the Commission has long recognized the unique characteristics of the NCE service and the need for flexibility to respond to the growing demand for such service and that because of the increasing limitations within the reserved band over the past 30 years (as accounted in 1991), **the Commission was inclined to grant waivers of second- and third-adjacent channels in limited circumstances because the benefit of increased NCE service outweighs the potential for interference in a small area.**⁹

⁴ See also <https://recnet.com/mitre>

⁵ See also note 41, *infra*.

⁶ See *Educational Information Corporation*, Memorandum Opinion and Order, 6 FCC Rcd 2207, 2208 (1991) ("Raleigh") at ¶ 9.

⁷ See *Id.* (*emphasis added*)

⁸ See *Id.* We note that this was an observation made in 1991, about 30 years ago.

⁹ See *Id.* at ¶ 10. (*emphasis added*)

The “Campbell” standard – In the same decision as *Raleigh*, the Commission determined in the case of *Campbell University* where an increased second-adjacent channel interfering contour was granted a waiver of §73.509 where the increase in overlap involved a net increase of 48 square kilometers or 0.35 percent of the affected station’s 60 dBu service contour.¹⁰ In *Campbell*, the Commission found that additional service would be provided by the expansion of the waiver request facility and that the increase in overlap is very small. While RRPAs recognize that *Campbell* was an expansion of an existing station, the instant application would be a case that involves the creation of a new station and newly established overlap, however, the impacted area in RRPAs’ waiver request is just a small fraction of the area considered in *Campbell*.

LPFM second-adjacent channel waivers prior to the LCRA - In the Low Power FM (LPFM) *Third Report and Order*, the issue of subsequently authorized full-service facilities “encroaching” into the interfering contours of existing LPFM stations on second-adjacent channels was addressed.¹¹ In the *Third Order*, the Commission was tasked with determining whether the public interest would be served by a grant of a waiver of Section 73.807 of the Rules for a second-adjacent channel short-spacing to an LPFM station at risk of displacement, by balancing the potential for new interference to the full-service station against the potential loss of an LPFM station.¹² In those cases, an *Order to Show Cause* is issued to the full-service station as to why the why the modification of the station license to allow a second-adjacent channel short-spacing would not be in the public interest.¹³ If the Commission concludes that waiving Section 73.807 would be in the public interest, the Commission would grant a special temporary authority (STA) and keep the modification application active, pending the outcome of the rulemaking proceeding.¹⁴

The “Living Way” method - In the *Living Way* decision, the Commission would apply an undesired-to-desired ratio (U/D ratio) of 40 dB to determine whether there are listeners or potential listeners within all areas that exceed the U/D ratio.¹⁵ This policy was applied to FM translators and has been a mainstay process for over a decade. The policy would eventually be adopted for LPFM stations.¹⁶ While there are no specific statutory guidelines for FM translators, the LCRA does require that for LPFM stations, that proposed short-spaced operations will not

¹⁰ See *Id.* at ¶¶ 12-14 (“Campbell”).

¹¹ See *Creation of a Low Power Radio Service*, Third Report and Order, 22 FCC Rcd. 21912 (2007) (“Third Order”) at ¶¶ 64-67.

¹² See *Id.* at ¶ 65.

¹³ See *Id.* at ¶ 67; See also 47 USC § 316.

¹⁴ See *Id.*

¹⁵ See *Living Way Ministries*, Memorandum Opinion and Order, 17 FCC 17054 (2002), *recon. denied* 23 FCC Rcd. 15070 (2008) (“Living Way”).

¹⁶ See *Creation of a Low Power Radio Service*, Sixth Report and Order, 27 FCC Rcd. 15402 (2012).

result in interference to any authorized radio service.¹⁷ Despite that, many LPFM and FM translator stations have been able to demonstrate a lack of population within the “overlap area” (areas where the U/D ratio exceed 40 dB) through the use of antenna heights, antenna directionality and elevation patterns.

Commission policy already supports *de minimis* “potential interference”

In different broadcast services, the Commission had established different definitions of potential “interference” and what, if any, affected population would be considered as “acceptable”. While the Commission accepts zero impacted population for FM translators and interpreted that the will of Congress mandates zero impacted population for LPFM stations (post-LCRA) using the *Living Way* method, §73.525 of the Commission’s Rules permits a “predicted interference area” of up to 3,000 persons in the event that there is overlap between the FM station’s interfering contour and the protected contour of a TV Channel 6 station.¹⁸ This tolerance can be increased upon the installation of filters.¹⁹ In digital television, interference up to 0.5 percent of the population served by the “victim” digital television station is tolerated.²⁰ Prior to the LCRA being enacted, when the Commission adopted an interim policy for second-adjacent channel short-spacing, the Commission determined that the loss of an LPFM service outweighed a small amount of predicted interference (overlap) to a full-service FM station from a public interest perspective.²¹ Also, as mentioned *supra*, the Commission’s allowance of second and third-adjacent channel overlap between NCE reserved band stations including those consistent with past determinations made in *Education Information Corporation* and *Campbell*.²²

Between those situations already mentioned, plus also the leeway that the Commission gives for second and/or third adjacent channel contour overlap in cases such as pre-1964 grandfathered short-spaced stations²³, the lack of a requirement for FM Translator facilities to provide any kind

¹⁷ See LCRA at §3(b)(2)(A). We note that Congress never defined “interference” in the LCRA and we plan to present that the Commission has different criteria for what is defined “interference”, however, any attempt to interpret the LCRA in that manner is not within the scope of this *Petition*.

¹⁸ 47 C.F.R. § 73.525(c).

¹⁹ 47 C.F.R. § 73.525(c)(2).

²⁰ 47 C.F.R. § 73.616(d).

²¹ See *Third Order* at ¶ 65. See also *Davis Community Television*, BPL-20080509ADB (STA granted for interim second-adjacent channel waiver operation despite a second-adjacent channel overlap with KUIC, Vacaville, California and within the area where a U/D ratio of greater than 40 dB existed, there was a population of 1,870 persons (0.2% of the population of KUIC’s coverage contour), an STA was granted to permit LPFM operation pending final outcome upon action in the *Second Further Notice* proposals.)

²² See Appendix G for a list of situations where full-service NCE reserved band stations are inside the service contours of other NCE stations on second or third-adjacent channels.

²³ See 47 C.F.R. §73.213(a)(4) (“For stations covered by paragraph (a), there are no distance separation or interference protection requirements to second-adjacent and third-adjacent channel short-spacings that have existed continuously since November 16, 1964.”)

of protection to LPFM stations²⁴ as well as the contour overlap that is acceptable in the commercial FM service when distance separation is utilized and coupled with evolving receiver design, which the Commission recognized in *Raleigh*, the issue with second and third adjacent channel “interference”, at the lower power levels, is not necessarily about bona-fide technical interference, but is more about distribution of broadcast facilities.

No alternate reserved band channels are available, even at minimum facilities

Despite Sharptown not currently having any local transmission service, none of the 20 reserved band channels are available due to prohibited contour overlap.²⁵ Even with the absolute minimum Class A facility (0.1 kW at 30 meters HAAT for a 60 dBu contour of 6 kilometers), none of the 20 channels are available:

Channel	Blocked by
201	WGBZ (first-adjacent)
202	WGBZ (co-channel)
203	WGBZ (first-adjacent), WRAU (co-channel), WKNZ (first-adjacent)
204	WGBZ (second-adjacent), WKNZ (co-channel)
205*	WGBZ (third-adjacent), WKNZ (first-adjacent), WSCL (third-adjacent)
206*	WSCL (second-adjacent)
207*	WPFW (co-channel), WSCL (first-adjacent)
208*	WSCL (co-channel)
209*	WSCL (first-adjacent)
210*	WSCL (second-adjacent)
211*	WSCL (third-adjacent), WCSP-FM (co-channel), WHRX (co-channel)
212	WDIH (co-channel)
213*	WKHS (co-channel), WSDL (first-adjacent)
214*	WSDL (co-channel), WESM (third-adjacent)
215*	WSDL (first-adjacent), WETA (co-channel), WESM (second-adjacent)
216*	WDDE (co-channel), WESM (first-adjacent)
217*	WESM (co-channel)
218*	WESM (first-adjacent), WBJC (co-channel)
219*	WESM (second-adjacent)
220*	WESM (third-adjacent), WGTS (co-channel), WLBW (commercial first-adjacent)

* - Channels blocked by stations owned by University of Maryland System.²⁶

While there are multiple facilities that block access to some of the 20 channels, there are four facilities that are common to all of the 20 channels. WSCL, Salisbury, Maryland and WGBZ, Ocean City, Maryland both place a 60 dBu service contour over 100 percent of the Salisbury Maryland/Delaware UA (“Salisbury UA”) and WDIH, Salisbury, Maryland and WESM,

²⁴ See 47 C.F.R. §74.1204(a).

²⁵ See also Appendix A.

²⁶ See *University of Maryland System*, Biennial Ownership Report, File No. 0000101670. Commonly owned stations include WSCL, WSDL and WESM.

Princess Anne, Maryland place a 60 dBU contour over most of the Salisbury UA.²⁷ In addition, WSCL also places a 60 dBU contour over a portion of the Dover, Delaware UA. Of the other blocking stations, WRAU, WETA, WPFW and WCSP-FM all serve the Washington, DC urbanized area, WBJC serves the Baltimore, Maryland UA, WKHS serves a majority of the Aberdeen/Havre de Grace/Bel Air, Maryland UA, WSDL serve less than 50% of the Salisbury UA.²⁸ WHRX does not serve any UA, however the channel that WHRX blocks in Sharptown is also blocked by WSCL, a station that serves 100 percent of the Salisbury UA. Also as noted above, a single licensee, University of Maryland System contributes to the blockage of 75 percent of the reserved band channels at the proposed site.²⁹

Of all of the reserved band channels, only channels 206, 210 and 219 would meet co-channel, first-adjacent and third-adjacent channel overlap rules, as well as appropriate minimum distance separation to intermediate frequency stations in the non-reserved band.³⁰ The “blocking” stations, commonly-owned WSCL and WESM both place a 60 dBU community coverage contour over a significant portion of the Salisbury, Maryland urbanized area. WSCL and WESM both serve an urbanized area at the expense of being able to provide first *local* transmission service into rural communities.³¹

No “non-reserved” band channels are available for Sharptown

Even if we were able to waive the “first or second service” requirement to allot a non-reserved band (channels 221~300) channel to the reference coordinates of Sharptown, none of the 80 channels meet the §73.207 minimum distance separations and not even the shorter §73.215 separations in coordination with a contour study.³² Therefore, because of spectrum crowding caused by the urbanized area, there are no opportunities for rural communities, such as Sharptown to be able to achieve their first local transmission service.

“Potential interference” by proposed facility would be *de minimis*

In Sharptown, channel 210 (89.9 MHz) does not have any predicted interference from any co-channel or first-adjacent channel, nor does the proposed facility place an interfering contour towards any facility co-channel or any first-adjacent channels, nor does any interfering contour

²⁷ See Appendix E.

²⁸ While WSDL does not serve at least 50 percent of a UA, the channels that are blocked because of WSDL are also blocked because of other stations that serve at least 50 percent of their respective UAs.

²⁹ See Note 26, *supra*.

³⁰ Channel 210 was chosen because Channel 206 may not be able to support a full 250-watt facility at Sharptown and Channel 219 was not chosen because of the widespread availability in other portions of the Delmarva peninsula for this channel. We do not want this application to be mutually exclusive to those in areas where channels are available.

³¹ In addition, no channels are available for a Class A non-reserved band allotment for Sharptown. *See infra*.

³² See Appendix H.

of any facility overlap the service contour of the proposed facility. The channel is only unavailable due to a *de minimis* less threatening second-adjacent channel contour overlap.

On channel 210, the proposed facility would be inside the protected contour of WSCL, Salisbury, Maryland, which has a 60 dBu coverage contour of 432,793 persons, 6,390.2 square kilometers land area.³³ At 0.25 kW ERP at less than 30 meters HAAT, the 100 dBu interfering contour of the proposed facility would extend to 1.1 kilometers or 1.7 square kilometers land area.³⁴ Within 1.1 kilometers of the proposed site, there is a 2010 Census Block population of 94 persons.³⁵ WSCL places a 75 dBu F[50,50] service contour at the proposed transmitter site. If we take the 40 dB undesired to desired (U/D) ratio into consideration, the 115 dBu interfering contour would extend to 197 meters (0.121 square kilometers) around the proposed site.³⁶ There are no Census Block centroids within that 197 meter area, however in a manual count of living units, there are 17 persons in 7 living units.³⁷ Of those 17 persons, 8 of them are in the same family as the parties to RRPAs, therefore, the impact to disinterested potential listeners would be extremely limited to only 9 persons.

Taking the U/D ratio into consideration, it can be demonstrated that the proposed facility would result in the *de minimis* overlap impacting **0.0039 percent of the WSCL service contour population**. Even if the full 100 dBu contour of the proposed facility is considered, the overlap would be 0.017 percent of the WSCL service contour.³⁸

Additional factors that should be considered in this waiver request

In addition to the hardship experienced by the applicant due to no channels available due to an arbitrary second-adjacent channel protection requirement, which has been proven over time, to be for a “problem” that really does not exist, there are several other factors that further substantiates a favorable decision on this waiver request.

³³ WSCL has a granted construction permit that will lower their height above mean sea level and increase their ERP. Once constructed, WSCL will have a service contour population of 456,708 persons and a land area of 6,789.7 square kilometers. See File No. 0000113671 (Granted Jun 16, 2020). With that modification, the WSCL field strength at the proposed transmitter site will increase from 75 to 76 dBu.

³⁴ Based on 2010 Census Block centroid data. The actual area within the interfering contour is about 3.8 square kilometers however a significant portion of the contour is over the Nanticoke River (0.64 square kilometers).

³⁵ See Appendix B.

³⁶ With WSCL’s granted construction permit mentioned in note 23 *supra*, WSCL will place a 76 dBu service contour at the antenna site. This will mean that the interfering contour from the proposed service contour will extend to 116 dBu or 176 meters (0.097 square kilometers) from the proposed site. The reduction to a 176 meter overlap area does not decrease the number of potentially affected population. See also Appendix C.

³⁷ See Appendix C.

³⁸ Also, if we further take the design of the proposed antenna (Nicom BKG-88, 2 bays at 0.85-wave spacing) into consideration, based on manufacturer specifications, at least one living unit and two persons would no longer be in the 115 and 116 dBu contours, thus reducing the overlapping population count to 15 persons, of which, 7 are disinterested persons.

First transmission service – The instant application places a first transmission service, AM or FM, commercial or noncommercial into the community of Sharptown, Maryland. Sharptown is an incorporated town at the very edge of Wicomico County. Sharptown has its own Town government, a volunteer fire department, a post office and two local churches. The 2010 Census for Sharptown was 649 persons. For all intents and purposes, Sharptown qualifies as a community for allotment purposes. We also note that the proposed 60 dBu contour of this facility will also reach at least 50 percent of Mardela Springs, Maryland (pop. 364) and Vienna, Maryland (pop. 280), both incorporated towns with similar characteristics to Sharptown. Neither Mardela Springs nor Vienna have any full-service broadcast stations (AM or FM, commercial or noncommercial) attributed to them. We note that while Sharptown does receive educational service from other stations, those stations mainly serve distant urbanized areas and are not exclusive to the non-urbanized areas.³⁹

Outside a major Top-100 media market – Sharptown is right on the outer edge of Wicomico County, which means it is also on the edge of the Salisbury/Ocean City, MD-DE Nielsen Audio media market. For 2021, this market is ranked number 133. Therefore, Sharptown is not located in a top-100 media market.

Outside of an urbanized area – Sharptown is located outside of any area that is considered by the U.S. Census Bureau as an urbanized area (UA). The proposed 60 dBu community coverage contour does not reach any designated urbanized area.⁴⁰

Localism and diversity – The applicant, RRPA is a local organization with local presence in the Sharptown and Mardela Springs areas since 2017. All board members are located well within 20 miles (in fact on the same property) as the transmitter site and the organization is headquartered at the same site. Likewise, RRPA, nor any party to the application has any attributable interest in any broadcast station (primary or secondary), either within or outside the coverage contour of the proposed facility, nor does RRPA have any other applications in this filing window other than the instant application. Therefore, the applicant is a female-owned, rural-based bona-fide new entrant and not a non-local (e.g. out of state) applicant seeking to expand.

Impact to incumbent station WSCL by this waiver request

Over the history of FM broadcasting, there have been situations where second- and third-adjacent channel short spacing has existed. For example, stations authorized at their locations prior to November 16, 1964 are not subject to second- or third-adjacent channel protection requirements on situations that have existed continuously since 1964.⁴¹ FM translators,

³⁹ Historically, the Commission has recognized that §307(b) does specifically make provisions for *communities* and has in the past recognized that providing first full-time aural service to a *community* is a notable priority. See *Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d. 88, 90-93. In this proceeding, while it is recognized that the provision of first-time aural service is the top priority, followed by the provision of second full-time aural service and the provision of first local service is a co-equal second priority.

⁴⁰ See Appendix D.

⁴¹ 47 C.F.R. §73.213(a)(4).

including some operating with protected contours larger than what is proposed here have been operating on second- and third-adjacent channels of incumbent stations with few, if any specific complaints when the translator is operating in accordance with their licensed facility.⁴² From 2007 to 2011, LPFM stations were operating from inside the protected service contours of second-adjacent channel stations including some with *de minimis* population within the overlap zone and with the enactment of LCRA in 2011 and adoption of service rules in 2012, LPFM stations have been operating on §73.807(a) short-spaced second-adjacent channels in a manner similar to *Living Way* and many are operating on “short-spaced” third-adjacent channels in accordance with §73.810. To this day, RRPAs are not aware of any case of where a showing was made that demonstrated that an LPFM station has caused actual interference to a second or third-adjacent channel station requiring remedial action in accordance with §73.807(e)(2) for second-adjacent channels or §73.810 for third-adjacent channel stations. As demonstrated, actual second-adjacent channel interference from lower-powered facilities placing an interfering contour inside the protected contour of another facility is non-existent, especially with today’s advanced receiver standards.

Contingent on the grant of this construction permit under this proposed waiver, the affected broadcast station (WSCL) will need to have their license modified in order to permit this overlap. The affected station would need their authorization amended to indicate that future modifications by the proposed facility would not be construed as a *per se* modification of WSCL, consistent with *Raleigh* and *Campbell*. In accordance with Section 316 of the Communications Act, prior to the grant of any construction permit under these provisions, the affected station or stations would need to be issued an *Order to Show Cause* as to why their license should not be modified to permit the overlap and add the *per se* condition. In this response to the *Order to Show Cause*, the incumbent station has the opportunity to dispute the claims made by the applicant and show why the applicant’s proposed service would not be in the public interest. Nothing in this waiver request should inhibit WSCL from making any facility modifications in the future on their current channel.

The grant of this waiver request is in the public interest

Because of the historic methods of handling the assignment of new full-service stations in the reserved band, which favored “bigger” facilities over localized ones, many rural areas have been left out in the cold.

Despite many Commission efforts to improve the rural quality of life, access to terrestrial broadband is very limited in the service contour of the proposed station.⁴³ Also, despite the half-

⁴² See also *Living Way*.

⁴³ In recent times, the Commission has made rural issues a priority. See, *Rural Digital Opportunity Fund, et al.*, Report and Order, 35 FCC Rcd. 686 (2020); See also, *Promoting Rural Telehealth in America*, 33 FCC Rcd. 6574 (2018); See also, *Connect America Fund, et al.*, Report and Order, 33 FCC Rcd. 2990 (2018) (FCC provides additional \$500 million in funding for rural broadband); See also, *Policies to Promote Rural Radio Service and to Streamline Assignment Procedures*, Third Report and Order, 26 FCC Rcd. 17642 (2011) (Tribal priority for commercial FM allotments).

truths disclosed by wireless providers in their coverage maps, the fact is that some wireless providers, such as Sprint/T-Mobile do not provide sufficient service in Sharptown and the communities surrounding it.⁴⁴ Because of the limited ability to provide streaming audio services into Sharptown through wireless providers, the area is more dependent on radio than other areas that receive satisfactory coverage.

Developments in receiver technology over the past few decades and more modern theories proven in the field conclude that smaller facilities, no greater than an FM translator can co-exist inside the coverage contour of a second- or third-adjacent channel without any damaging interference to the incumbent second- and third-adjacent channel stations, even in cases where minimal population exists in the overlapped area.⁴⁵

Section 307(b) of the Communications Act mandates that the Commission distribute licenses among the several states *and communities* as to provide a fair, efficient and equitable distribution of radio service.⁴⁶ By shutting out smaller *communities* outside of the urbanized areas in favor of much larger stations that focus on the urbanized area, the Commission is not meeting Congress' mandate of "fair" and "equitable" distribution when these smaller *communities* are unable to participate in the process.⁴⁷

"[I]t has long been a basic tenet of national communications policy that the widest dissemination of information from *diverse* and antagonistic sources is essential to the welfare of the public."⁴⁸ The Commission has long recognized that expanding opportunities for new entrants, especially among women and minorities has been a policy goal in the public interest by broadening

⁴⁴ See Appendix F.

⁴⁵ In the FM translator and LPFM context, this can be experienced if a full-service FM station makes a modification subsequent to the FM translator or LPFM application creating or increasing contour overlap.

⁴⁶ 47 U.S.C. §307(b). (*emphasis added*)

⁴⁷ The concepts discussed in this waiver request were outlined in the form of a pleading styled as a "*Petition for Rulemaking or in the alternate, Petition for Declaratory Ruling*". See *REC Networks*, RM-11846 (July 8, 2019); see also *Consumer & Governmental Affairs Bureau, Reference Information Center, Petitions for Rulemaking Filed*, Public Notice, Report 3133 (CGB, Jul. 25, 2019). In RM-11846, the Commission collected comments. Of the comments received, there was no opposition received. Supporting comments were received, including those from national organizations that represent full-service NCE broadcast stations. See *National Federation of Community Broadcasters*, Comments, RM-11846 (Aug. 2, 2019). In the instant case, this issue was first addressed as a publicly announced rulemaking petition for which third parties had the opportunity to participate. See *Great Empire Broadcasting, Inc., Memorandum Opinion and Order*, 14 FCC Rcd 11145, 11148 (1999), citing *Capitol Cities/ABC, Inc., Memorandum Opinion and Order*, 11 FCC Rcd. 5841, 5888 (1996) ("Capitol Cities") ("it is generally inappropriate to address arguments for a change in rules 'where third parties, including those with substantial stakes in the outcome, have had no opportunity to participate, and in which we, as a result, have not had the benefit of a full and well-counseled record.'). In contrast to *Capitol Cities*, the opportunity for third parties to participate was in RM-11846, and there was participation in that proceeding.

⁴⁸ *Turner Broadcasting System v. FCC*, 512 U.S. 622, 663-64 (1994) (quoting *Midwest Video*, 406 U.S. 649, 668 n. 27) and *Associated Press v. United States*, 326 U.S. 1, 20 (1945)). (*emphasis added*)

participation in the broadcast industry.⁴⁹ The Commission further acknowledges that taking steps to facilitate new participants in the broadcast industry will motivate innovation in the field.⁵⁰ However, because of current Commission Rules and policy that favor larger facilities and larger communities, an artificial barrier has been created which excludes diverse new entrants, including women, minorities and rural interests who are only the victims of regional geography. The public interest dictates that these artificial barriers must be broken. REC Networks has attempted to do this through rulemaking petitions to permit facilities such as what is proposed in this waiver request as well as the ability for LPFM stations to increase their service contours.⁵¹

The Commission Rules may be waived only for good cause shown.⁵² The Commission must give waiver requests “a hard look”, but an application for waiver “faces a high hurdle even at the starting gate”⁵³ and must support its waiver request with a compelling showing.⁵⁴ A waiver is appropriate only if both (1) special circumstances warrant a deviation from the general rule, and (2) such deviation better serves the public interest.⁵⁵

In the instant waiver request, special circumstances arise from the the fact that the general rule excludes many small rural *communities*, such as Sharptown from being able to participate in the fair distribution of broadcast licenses consistent with the core language of §307(b) of the Communications Act, due to a regulatory culture that favors larger facilities that serve urbanized areas, even though the Commission has, in the past, permitted such overlap arrangements in the reserved band, such as *Raleigh* and *Campbell*. This hardship is further frustrated due to the fact that none of the 20 reserved band channels due to other facilities that serve all or most of the Salisbury UA and that no non-reserved band allotments are available through the existing rules process. The instant request mirrors more of the *Campbell* waiver request as RRPA is the station that is proposing to “give” potential interference. To further prevent potential interference,

⁴⁹ *Promoting Diversification of Ownership in the Broadcasting Services*, Report and Order, 23 FCC Rcd. 5922, 5923 (2008).

⁵⁰ *2002 Biennial Review Order*, 18 FCC Rcd. 13632 (2002) (“[T]he most potent sources of innovation arise not from incumbents but from new entrants.”)

⁵¹ See also *National Association of Broadcasters (“NAB”), ex parte letter*, MB Dockets 19-193 and 17-105 (Apr. 16, 2020) (“If an entity wants to operate a 250-watt radio station, it should simply apply for a Class A license, which operate at the same effective radiated power”) That is exactly what this waiver request is doing, following the NAB suggestion and “apply for a Class A license”. Unfortunately, current Rules and policies make it impossible for many rural entities to just “apply for a 250-watt Class A license”, thus creating a substantial hardship to RRPA and similar organizations from being able to serve our rural communities, when it is technically possible due to innovations in technology and policy that have already been applied in other disciplines.

⁵² 47 C.F.R. §1.3.

⁵³ *WAIT Radio v. FCC*, 418 F. 2d. 1153, 1157 (D.C. Cir. 1969) (*subsequent history omitted*).

⁵⁴ *Greater Media Radio Co., Inc., Memorandum Opinion and Order*, 15 FCC Rcd. 7090 (1999) (citing *Stoner Broadcasting System, Inc., Memorandum Opinion and Order*, 49 FCC 2d. 1011, 1012 (1974)).

⁵⁵ *NetworkIP v. FCC*, 548 F. 3d. 116, 125-128 (D.C. Cir. 2008); *Northeast Cellular Telephone Co. v. FCC*, 897 F. 2d. 1164, 1166 (D.C. Cir. 1990).

RRPA proposes the station at a site located outside of, but still within the 60 dBu contour of the proposed community of license as to minimize the impacted number of persons potentially impacted by the proposal. As demonstrated, the number of disinterested persons potentially impacted is less than ten including some of whom do not reside in the area year-round.

The public interest would be best served because this proposal would introduce the first transmission service to Sharptown, Maryland, a *community* that would otherwise be excluded because of full-service stations serving urbanized areas. The proposed station would also introduce new localized NCE service into the incorporated towns of Mardela Springs, Vienna and Galestown, all of which do not have their own local transmission services. Like with *Campbell*, the instant application proposes to introduce new overlap into an area that is “very small”, even much smaller than *Campbell*. In view of the limited nature of this potential interference on the second adjacent channel, the Commission has, in the past, been inclined to view waiver requests like this favorability where there is clearly a public benefit. The public interest benefit of a new locally-controlled rural-based educational radio service far outweighs “potential interference” to WSCL that would impact less than ten disinterested persons well outside of their *community* of license.

Conclusion

This instant application and waiver request highlights the need for the Commission to take additional considerations on a case-by-case basis where there is an unfilled demand for new radio service in areas that are otherwise excluded from new stations using much of the reasoning originally brought up in *Raleigh* and *Campbell*, especially in situations like this where a single owner prevents 75 percent of the reserved band from being used at a particular location. In addition, the Commission already tolerates second and third adjacent channel overlap in the commercial services as well as in *Raleigh*, *Campbell*, the pre-LCRA LPFM second-adjacent channel stations as well as the lack of required protection between a FM translator and an LPFM station, an area where there is *de minimis* (and in this case “micro *de minimis*” overlap population), the public interest would call for the creation of new rural NCE stations using creative engineering methods, such as in the instant application. A grant of this waiver would further advance the Commission’s mandate under §307(b) to assure that licenses are fairly distributed among the several states *and communities*, especially in light of prior Commission determinations that providing a level of elevated priority to first local transmission services is in the public interest. The instant application provides such first local transmission service to Sharptown, Maryland. A grant of this waiver would also recognize the Commission’s recent efforts across the board to improve the rural quality of life and would substantially complement the Commission’s diversity policy goals of promoting broadcast opportunities to new-entrants, especially women. For the reasons therein and in the public interest, RRPA requests a waiver of §73.509(a) of the Commission’s Rules in respect to WSCL, Salisbury, Maryland and that the appropriate *Show Cause* order to be issued to WSCL.

Notification of this waiver request will be served on WSCL.

Respectfully submitted,

/S/

Michelle A. Bradley, CBT

President

Riverton Radio Project Association

September 21, 2021

APPENDIX A

DEMONSTRATION THAT NO CHANNELS ARE AVAILABLE
EVEN WITH A CLASS A MINIMUM FACILITY
UNDER CURRENT RULES

Based on 0.1 kW at 30 meters HAAT – nondirectional facility:

ComStudy 2.2 search of channel 201 (88.1 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WYPR	BALTIMORE	MD	201	B1	119.16	143.00	320.2	-36.92 dB
WGBZ	OCEAN CITY	MD	202	B	44.15	113.00	108.2	-14.51 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	48.00	21.4	3.27 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	48.00	21.4	3.27 dB
WGWS	ST. MARY'S CITY	MD	201	A	66.48	115.00	232.4	3.23 dB
WJPG	CAPE MAY COURT HOUSE	NJ	201	A	109.53	115.00	50.8	16.94 dB
WFDS	PENNSVILLE	NJ	201	A	122.34	115.00	11.3	16.44 dB
WHOV	HAMPTON	VA	201	B1	173.14	143.00	196.8	16.09 dB
WRIH	RICHMOND	VA	201	B1	165.41	143.00	238.1	20.25 dB
WPRZ-FM	BRANDY STATION	VA	201	B1	199.30	143.00	270.7	23.11 dB
WVER	COLONIAL BEACH	VA	201	A	110.73	115.00	255.9	24.33 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WNJS-FM	BERLIN	NJ	201	A	157.07	115.00	30.3	27.66 dB
WYPF	FREDERICK	MD	201	B1	185.15	143.00	306.7	29.50 dB
WMHS	PIKE CREEK	DE	201	A	138.63	115.00	3.7	29.87 dB
WHRL	EMPORIA	VA	201	A	257.12	115.00	218.4	31.06 dB
WQIQ	SPOTSYLVANIA	VA	202	A	175.22	72.00	256.6	31.48 dB
WZXE	EAST NOTTINGHAM	PA	202	A	136.69	72.00	353.0	34.54 dB
WZZD	WARWICK	PA	201	A	179.84	115.00	357.1	35.36 dB
WZXM	HARRISBURG	PA	201	A	216.83	115.00	334.1	36.75 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	48.00	202.5	36.96 dB
WNJT-FM	TRENTON	NJ	201	A	217.73	115.00	25.0	38.11 dB

ComStudy 2.2 search of channel 202 (88.3 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGBZ	OCEAN CITY	MD	202	B	44.15	178.00	108.2	-28.51 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	48.00	21.4	3.27 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	48.00	21.4	3.27 dB
WAMU	WASHINGTON	DC	203	B	124.21	113.00	292.8	9.27 dB
WAMU	WASHINGTON	DC	203	B	124.21	113.00	292.8	9.27 dB
WYPR	BALTIMORE	MD	201	B1	119.16	96.00	320.2	13.07 dB
WQIQ	SPOTSYLVANIA	VA	202	A	175.22	115.00	256.6	17.48 dB
WGWS	ST. MARY'S CITY	MD	201	A	66.48	72.00	232.4	17.23 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	96.00	202.5	19.44 dB
WZXE	EAST NOTTINGHAM	PA	202	A	136.69	115.00	353.0	20.54 dB
WVRL	ELIZABETH CITY	NC	202	C2	248.52	166.00	190.8	26.90 dB
WXPB	PHILADELPHIA	PA	203	B	175.71	113.00	15.0	27.62 dB
WJPG	CAPE MAY COURT HOUSE	NJ	201	A	109.53	72.00	50.8	30.94 dB
WFDS	PENNSVILLE	NJ	201	A	122.34	72.00	11.3	30.44 dB
WHOV	HAMPTON	VA	201	B1	173.14	96.00	196.8	30.09 dB
WEAA	BALTIMORE	MD	205	B1	116.22	48.00	322.9	32.10 dB
WYBQ	LEESPORT	PA	202	A	218.80	115.00	353.5	32.81 dB
WVBH	BEACH HAVEN WEST	NJ	202	A	185.02	115.00	43.2	33.15 dB
WRIH	RICHMOND	VA	201	B1	165.41	96.00	238.1	34.25 dB
WZXQ	CHAMBERSBURG	PA	202	A	218.08	115.00	318.2	35.48 dB
WOTC	EDINBURG	VA	202	A	256.05	115.00	278.2	36.20 dB
WPRZ-FM	BRANDY STATION	VA	201	B1	199.30	96.00	270.7	37.11 dB
WDCV-FM	CARLISLE	PA	202	A	224.35	115.00	327.4	37.74 dB
WVER	COLONIAL BEACH	VA	201	A	110.73	72.00	255.9	38.33 dB
WVEC	ELIZABETHTOWN	PA	202	A	195.06	115.00	339.0	39.08 dB

ComStudy 2.2 search of channel 203 (88.5 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGBZ	OCEAN CITY	MD	202	B	44.15	113.00	108.2	-14.51 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	96.00	21.4	-7.49 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	96.00	21.4	-7.49 dB
WAMU	WASHINGTON	DC	203	B	124.21	178.00	292.8	-4.73 dB
WAMU	WASHINGTON	DC	203	B	124.21	178.00	292.8	-4.73 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	143.00	202.5	5.44 dB
WXPB	PHILADELPHIA	PA	203	B	175.71	178.00	15.0	13.62 dB
WJLZ	VIRGINIA BEACH	VA	203	A	187.47	115.00	188.8	28.18 dB
WYPR	BALTIMORE	MD	201	B1	119.16	48.00	320.2	29.42 dB
WXPB	MIDDLETOWN	PA	204	B	184.43	113.00	336.9	29.23 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	31.00	223.1	30.97 dB
WWCJ	CAPE MAY	NJ	206	B1	110.70	48.00	51.6	31.08 dB
WQIQ	SPOTSYLVANIA	VA	202	A	175.22	72.00	256.6	31.48 dB
WGWS	ST. MARY'S CITY	MD	201	A	66.48	31.00	232.4	31.53 dB
WEAA	BALTIMORE	MD	205	B1	116.22	48.00	322.9	32.10 dB
WVTW	CHARLOTTESVILLE	VA	203	B1	244.66	143.00	256.9	33.78 dB
WZXE	EAST NOTTINGHAM	PA	202	A	136.69	72.00	353.0	34.54 dB

ComStudy 2.2 search of channel 204 (88.7 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKNZ	HARRINGTON	DE	204	B1	45.37	143.00	21.4	-21.49 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	143.00	21.4	-21.49 dB
WGBZ	OCEAN CITY	MD	202	B	44.15	69.00	108.2	-4.24 dB
WAMU	WASHINGTON	DC	203	B	124.21	113.00	292.8	9.27 dB
WAMU	WASHINGTON	DC	203	B	124.21	113.00	292.8	9.27 dB
WEAA	BALTIMORE	MD	205	B1	116.22	96.00	322.9	15.36 dB
WXPB	MIDDLETOWN	PA	204	B	184.43	178.00	336.9	15.23 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	96.00	202.5	19.44 dB
WEHA	PORT REPUBLIC	NJ	204	A	167.70	115.00	43.1	26.12 dB
WFOS	CHESAPEAKE	VA	204	B1	204.07	143.00	193.4	26.74 dB
WXPB	PHILADELPHIA	PA	203	B	175.71	113.00	15.0	27.62 dB
WPFW	WASHINGTON	DC	207	B	124.21	69.00	292.8	27.48 dB
WCVE-FM	RICHMOND	VA	205	B	195.28	113.00	235.9	27.09 dB
WYPR	BALTIMORE	MD	201	B1	119.16	48.00	320.2	29.42 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	31.00	223.1	30.97 dB
WGWS	ST. MARY'S CITY	MD	201	A	66.48	31.00	232.4	31.53 dB
WWCJ	CAPE MAY	NJ	206	B1	110.70	48.00	51.6	31.08 dB
WVEP	MARTINSBURG	WV	205	B	241.82	113.00	287.8	34.84 dB
WBZC	PEMBERTON	NJ	205	B1	181.89	96.00	35.1	36.21 dB
WRSU-FM	NEW BRUNSWICK	NJ	204	A	245.53	115.00	27.3	37.86 dB
WGFW	DRAKES BRANCH	VA	204	A	287.77	115.00	238.9	39.85 dB

ComStudy 2.2 search of channel 205 (88.9 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-15.80 dB
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-14.89 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	96.00	21.4	-7.49 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	96.00	21.4	-7.49 dB
WGBZ	OCEAN CITY	MD	202	B	44.15	69.00	108.2	-4.24 dB
WEAA	BALTIMORE	MD	205	B1	116.22	143.00	322.9	1.36 dB
WCVE-FM	RICHMOND	VA	205	B	195.28	178.00	235.9	13.09 dB
WVCJ	CAPE MAY	NJ	206	B1	110.70	96.00	51.6	14.28 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	72.00	223.1	15.50 dB
WVEP	MARTINSBURG	WV	205	B	241.82	178.00	287.8	20.84 dB
WBZC	PEMBERTON	NJ	205	B1	181.89	143.00	35.1	22.21 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WPFW	WASHINGTON	DC	207	B	124.21	69.00	292.8	27.48 dB
WXPH	MIDDLETOWN	PA	204	B	184.43	113.00	336.9	29.23 dB
WQSU	SELINGSGROVE	PA	205	B	283.85	178.00	343.2	30.02 dB
WAJM	ATLANTIC CITY	NJ	205	A	146.98	115.00	49.3	32.31 dB
WWIP	CHERITON	VA	206	B	148.58	113.00	186.6	33.44 dB
WRSM	RISING SUN	MD	206	A	138.38	72.00	346.3	33.49 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	48.00	202.5	36.96 dB
WBYO	SELLERSVILLE	PA	205	A	211.02	115.00	9.7	37.73 dB
WXHL-FM	CHRISTIANA	DE	206	A	129.76	72.00	4.1	38.36 dB
WMCX	WEST LONG BRANCH	NJ	205	A	248.18	115.00	37.1	39.21 dB

ComStudy 2.2 search of channel 206 (89.1 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-15.80 dB
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-14.89 dB
WVCJ	CAPE MAY	NJ	206	B1	110.70	143.00	51.6	0.28 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	115.00	223.1	1.50 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	48.00	21.4	3.27 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	48.00	21.4	3.27 dB
WPFW	WASHINGTON	DC	207	B	124.21	113.00	292.8	10.67 dB
WEAA	BALTIMORE	MD	205	B1	116.22	96.00	322.9	15.36 dB
WWIP	CHERITON	VA	206	B	148.58	178.00	186.6	19.44 dB
WRSM	RISING SUN	MD	206	A	138.38	115.00	346.3	19.49 dB
WXHL-FM	CHRISTIANA	DE	206	A	129.76	115.00	4.1	24.36 dB
WNJB-FM	BRIDGETON	NJ	207	A	117.93	72.00	26.5	24.51 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WAMU	WASHINGTON	DC	203	B	124.21	69.00	292.8	26.07 dB
WCVE-FM	RICHMOND	VA	205	B	195.28	113.00	235.9	27.09 dB
WGMS	HAGERSTOWN	MD	206	B1	200.08	143.00	311.8	28.69 dB
WWFM	TRENTON	NJ	206	A	216.68	115.00	26.0	30.72 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	48.00	256.6	31.75 dB
WZMV	MOHRSVILLE	PA	206	B1	218.80	143.00	353.5	32.13 dB
WYBF	RADNOR TOWNSHIP	PA	206	A	174.87	115.00	11.1	33.73 dB
WXVU	VILLANOVA	PA	206	A	173.00	115.00	12.3	33.99 dB
WTMD	TOWSON	MD	209	B1	122.46	48.00	324.3	34.42 dB
WVEP	MARTINSBURG	WV	205	B	241.82	113.00	287.8	34.84 dB
WFNM	LANCASTER	PA	206	A	176.77	115.00	344.7	35.36 dB
WHRG	GLOUCESTER POINT	VA	203	B1	129.08	48.00	202.5	36.96 dB
WBZC	PEMBERTON	NJ	205	B1	181.89	96.00	35.1	36.21 dB
WRTJ	COATESVILLE	PA	207	A	167.95	72.00	358.8	39.61 dB

Only second adjacent channel overlap on Channel 206.

ComStudy 2.2 search of channel 207 (89.3 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	113.00	43.3	-26.73 dB
WSCL	SALISBURY	MD	208	B	23.75	113.00	43.3	-25.82 dB
WPFW	WASHINGTON	DC	207	B	124.21	178.00	292.8	-3.33 dB
WKNZ	HARRINGTON	DE	204	B1	45.37	48.00	21.4	3.27 dB
WKNZ	HARRINGTON	DE	204	B1	45.36	48.00	21.4	3.27 dB
WNJB-FM	BRIDGETON	NJ	207	A	117.93	115.00	26.5	10.51 dB
WWCJ	CAPE MAY	NJ	206	B1	110.70	96.00	51.6	14.28 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	72.00	223.1	15.50 dB
WHRV	NORFOLK	VA	208	B	199.71	113.00	199.0	24.12 dB
WRTJ	COATESVILLE	PA	207	A	167.95	115.00	358.8	25.61 dB
WPZR	EMPORIA	VA	207	C3	253.34	142.00	225.5	26.11 dB
WFJS-FM	FREEHOLD	NJ	207	B1	239.72	143.00	34.7	26.13 dB
WRDV	WARMINSTER	PA	207	A	196.56	115.00	16.6	28.91 dB
WITF-FM	HARRISBURG	PA	208	B	224.49	113.00	335.5	31.88 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	48.00	256.6	31.75 dB
WEAA	BALTIMORE	MD	205	B1	116.22	48.00	322.9	32.10 dB
WLJV	SPOTSYLVANIA	VA	208	B1	160.44	96.00	257.9	32.05 dB
WWIP	CHERITON	VA	206	B	148.58	113.00	186.6	33.44 dB
WRSM	RISING SUN	MD	206	A	138.38	72.00	346.3	33.49 dB
WLJV	SPOTSYLVANIA	VA	208	B1	154.24	96.00	259.8	34.77 dB
WTMD	TOWSON	MD	209	B1	122.46	48.00	324.3	34.42 dB
WXHL-FM	CHRISTIANA	DE	206	A	129.76	72.00	4.1	38.36 dB
WVTU	CHARLOTTEVILLE	VA	207	B1	269.42	143.00	260.3	38.14 dB
WJPH	WOODBINE	NJ	210	A	116.79	31.00	42.6	39.72 dB

ComStudy 2.2 search of channel 208 (89.5 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	178.00	43.3	-43.37 dB
WSCL	SALISBURY	MD	208	B	23.75	178.00	43.3	-42.46 dB
WPFW	WASHINGTON	DC	207	B	124.21	113.00	292.8	10.67 dB
WHRV	NORFOLK	VA	208	B	199.71	178.00	199.0	10.12 dB
WTMD	TOWSON	MD	209	B1	122.46	96.00	324.3	17.52 dB
WITF-FM	HARRISBURG	PA	208	B	224.49	178.00	335.5	17.88 dB
WLJV	SPOTSYLVANIA	VA	208	B1	160.44	143.00	257.9	18.05 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	96.00	256.6	18.24 dB
WLJV	SPOTSYLVANIA	VA	208	B1	154.24	143.00	259.8	20.77 dB
WHRX	NASSAWADOX	VA	211	B	92.67	69.00	177.6	23.20 dB
WNJB-FM	BRIDGETON	NJ	207	A	117.93	72.00	26.5	24.51 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	69.00	293.7	27.19 dB
WVDS	PETERSBURG	WV	208	B	315.71	178.00	284.9	30.19 dB
WRIQ	CHARLES CITY	VA	209	B	178.55	113.00	232.7	30.86 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	31.00	223.1	30.97 dB
WWCJ	CAPE MAY	NJ	206	B1	110.70	48.00	51.6	31.08 dB
WYPA	CHERRY HILL	NJ	208	A	169.52	115.00	23.1	31.26 dB
WEAA	BALTIMORE	MD	205	B1	116.22	48.00	322.9	32.10 dB
WGLS-FM	GLASSBORO	NJ	209	A	137.58	72.00	17.1	34.63 dB
WNJN-FM	ATLANTIC CITY	NJ	209	A	141.32	72.00	41.3	39.46 dB
WJPH	WOODBINE	NJ	210	A	116.79	31.00	42.6	39.72 dB
WRTJ	COATESVILLE	PA	207	A	167.95	72.00	358.8	39.61 dB

ComStudy 2.2 search of channel 209 (89.7 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	113.00	43.3	-26.73 dB
WSCL	SALISBURY	MD	208	B	23.75	113.00	43.3	-25.82 dB
WTMD	TOWSON	MD	209	B1	122.46	143.00	324.3	3.52 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	143.00	256.6	4.24 dB
WDIH	SALISBURY	MD	212	A	18.54	31.00	128.4	7.96 dB
WRIQ	CHARLES CITY	VA	209	B	178.55	178.00	232.7	16.86 dB
WGLS-FM	GLASSBORO	NJ	209	A	137.58	115.00	17.1	20.63 dB
WXTR	TAPPAHANNOCK	VA	210	A	109.61	72.00	230.0	22.86 dB
WJPH	WOODBINE	NJ	210	A	116.79	72.00	42.6	22.10 dB
WOEL-FM	ELKTON	MD	210	A	120.35	72.00	356.2	22.96 dB
WHRX	NASSAWADOX	VA	211	B	92.67	69.00	177.6	23.20 dB
WHRV	NORFOLK	VA	208	B	199.71	113.00	199.0	24.12 dB
WNJN-FM	ATLANTIC CITY	NJ	209	A	141.32	115.00	41.3	25.46 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	69.00	293.7	27.19 dB
WPFW	WASHINGTON	DC	207	B	124.21	69.00	292.8	27.48 dB
WDVR	DELAWARE TOWNSHIP	NJ	209	B1	232.61	143.00	17.1	28.94 dB
WJPH	WOODBINE	NJ	210	A	116.79	72.00	42.6	29.88 dB
WCNV	HEATHSVILLE	VA	206	A	91.83	31.00	223.1	30.97 dB
WRDR	FREEHOLD TOWNSHIP	NJ	209	A	229.19	115.00	37.7	31.43 dB
WSHC	SHEPHERDSTOWN	WV	209	A	203.72	115.00	300.8	31.17 dB
WWCJ	CAPE MAY	NJ	206	B1	110.70	48.00	51.6	31.08 dB
WITF-FM	HARRISBURG	PA	208	B	224.49	113.00	335.5	31.88 dB
WPIR	CULPEPER	VA	210	B	176.72	113.00	276.7	32.93 dB
WLJV	SPOTSYLVANIA	VA	208	B1	160.44	96.00	257.9	32.05 dB
WHRJ	GLOUCESTER COURTHOUS	VA	210	A	140.01	72.00	209.3	33.43 dB
WLJV	SPOTSYLVANIA	VA	208	B1	154.24	96.00	259.8	34.77 dB
WRVS-FM	ELIZABETH CITY	NC	210	C2	250.49	106.00	189.1	35.95 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	31.00	51.5	36.36 dB

ComStudy 2.2 search of channel 210 (89.9 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-15.80 dB
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-14.89 dB
WHRX	NASSAWADOX	VA	211	B	92.67	113.00	177.6	6.61 dB
WDIH	SALISBURY	MD	212	A	18.54	31.00	128.4	7.96 dB
WXTR	TAPPAHANNOCK	VA	210	A	109.61	115.00	230.0	8.86 dB
WJPH	WOODBINE	NJ	210	A	116.79	115.00	42.6	8.10 dB
WOEL-FM	ELKTON	MD	210	A	120.35	115.00	356.2	8.96 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	113.00	293.7	10.79 dB
WJPH	WOODBINE	NJ	210	A	116.79	115.00	42.6	15.88 dB
WTMD	TOWSON	MD	209	B1	122.46	96.00	324.3	17.52 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	96.00	256.6	18.24 dB
WPIR	CULPEPER	VA	210	B	176.72	178.00	276.7	18.93 dB
WHRJ	GLOUCESTER COURTHOUS	VA	210	A	140.01	115.00	209.3	19.43 dB
WRVS-FM	ELIZABETH CITY	NC	210	C2	250.49	166.00	189.1	21.95 dB
WRTI	PHILADELPHIA	PA	211	B	176.03	113.00	15.0	25.21 dB
WKHS	WORTON	MD	213	B1	89.92	48.00	342.2	26.42 dB
WPFW	WASHINGTON	DC	207	B	124.21	69.00	292.8	27.48 dB
WRIQ	CHARLES CITY	VA	209	B	178.55	113.00	232.7	30.86 dB
WNJM	MANAHAWKIN	NJ	210	A	187.11	115.00	44.6	33.14 dB
WTLR	STATE COLLEGE	PA	210	B	319.50	178.00	326.6	33.24 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	69.00	247.0	34.21 dB
WGLS-FM	GLASSBORO	NJ	209	A	137.58	72.00	17.1	34.63 dB
WMTB-FM	EMMITSBURG	MD	210	A	189.11	115.00	314.1	35.04 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	31.00	51.5	36.36 dB
WNJN-FM	ATLANTIC CITY	NJ	209	A	141.32	72.00	41.3	39.46 dB

Only second adjacent channel overlap on Channel 210.

ComStudy 2.2 search of channel 211 (90.1 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WDIH	SALISBURY	MD	212	A	18.54	72.00	128.4	-18.35 dB
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-15.80 dB
WSCL	SALISBURY	MD	208	B	23.75	69.00	43.3	-14.89 dB
WHRX	NASSAWADOX	VA	211	B	92.67	178.00	177.6	-7.39 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	178.00	293.7	-3.21 dB
WSDL	OCEAN CITY	MD	214	B1	52.57	48.00	91.0	7.95 dB
WRTI	PHILADELPHIA	PA	211	B	176.03	178.00	15.0	11.21 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	72.00	51.5	19.33 dB
WXTR	TAPPAHANNOCK	VA	210	A	109.61	72.00	230.0	22.86 dB
WJPH	WOODBINE	NJ	210	A	116.79	72.00	42.6	22.10 dB
WOEL-FM	ELKTON	MD	210	A	120.35	72.00	356.2	22.96 dB
WKHS	WORTON	MD	213	B1	89.92	48.00	342.2	26.42 dB
WJTL	LANCASTER	PA	212	B1	181.83	96.00	341.1	27.28 dB
WHRO-FM	NORFOLK	VA	212	B	199.73	113.00	199.0	27.53 dB
WJPH	WOODBINE	NJ	210	A	116.79	72.00	42.6	29.88 dB
WARV-FM	COLONIAL HEIGHTS	VA	211	A	194.49	115.00	224.3	30.25 dB
WPVA	WAYNESBORO	VA	211	B1	277.27	143.00	259.6	30.15 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	48.00	256.6	31.75 dB
WPIR	CULPEPER	VA	210	B	176.72	113.00	276.7	32.93 dB
WZRU	GARYSBURG	NC	211	C2	298.19	166.00	212.9	32.58 dB
WHRJ	GLOUCESTER COURTHOUS	VA	210	A	140.01	72.00	209.3	33.43 dB
WZXN	NEWBURG	PA	211	B1	238.58	143.00	321.6	34.90 dB
WMVE	CHASE CITY	VA	211	C3	297.90	142.00	230.4	34.76 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	69.00	247.0	34.21 dB
WTMD	TOWSON	MD	209	B1	122.46	48.00	324.3	34.42 dB
WRVS-FM	ELIZABETH CITY	NC	210	C2	250.49	106.00	189.1	35.95 dB
WFBV	SELINGSGROVE	PA	211	A	276.23	115.00	339.9	38.48 dB
WDCE	RICHMOND	VA	211	A	187.09	115.00	236.7	38.85 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	69.00	186.6	38.54 dB

ComStudy 2.2 search of channel 212 (90.3 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WDIH	SALISBURY	MD	212	A	18.54	115.00	128.4	-53.33 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	115.00	51.5	5.33 dB
WHRX	NASSAWADOX	VA	211	B	92.67	113.00	177.6	6.61 dB
WSDL	OCEAN CITY	MD	214	B1	52.57	48.00	91.0	7.95 dB
WKHS	WORTON	MD	213	B1	89.92	96.00	342.2	10.07 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	113.00	293.7	10.79 dB
WJTL	LANCASTER	PA	212	B1	181.83	143.00	341.1	13.28 dB
WHRO-FM	NORFOLK	VA	212	B	199.73	178.00	199.0	13.53 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	113.00	247.0	16.58 dB
WETA	WASHINGTON	DC	215	B	125.68	69.00	290.1	23.72 dB
WRTI	PHILADELPHIA	PA	211	B	176.03	113.00	15.0	25.21 dB
WNJO	TOMS RIVER	NJ	212	A	213.37	115.00	42.5	27.24 dB
WXMD	CALIFORNIA	MD	209	B1	76.83	48.00	256.6	31.75 dB
WCRH	WILLIAMSPORT	MD	213	B	228.68	113.00	304.7	32.45 dB
WTMD	TOWSON	MD	209	B1	122.46	48.00	324.3	34.42 dB
WWFP	BRIGANTINE	NJ	213	A	149.67	72.00	50.6	34.47 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	69.00	186.6	38.54 dB
WLHI	SCHNECKSVILLE	PA	212	A	239.16	115.00	3.2	39.16 dB
WXDM	FRONT ROYAL	VA	212	A	212.26	115.00	284.0	39.90 dB
WJPH	WOODBINE	NJ	210	A	116.79	31.00	42.6	39.72 dB

ComStudy 2.2 search of channel 213 (90.5 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WDIH	SALISBURY	MD	212	A	18.54	72.00	128.4	-18.35 dB
WSDL	OCEAN CITY	MD	214	B1	52.57	96.00	91.0	-7.44 dB
WKHS	WORTON	MD	213	B1	89.92	143.00	342.2	-3.93 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	178.00	247.0	2.58 dB
WCRH	WILLIAMSPORT	MD	213	B	228.68	178.00	304.7	18.45 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	72.00	51.5	19.33 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	113.00	186.6	20.92 dB
WWFP	BRIGANTINE	NJ	213	A	149.67	115.00	50.6	20.47 dB
WETA	WASHINGTON	DC	215	B	125.68	69.00	290.1	23.72 dB
WHRX	NASSAWADOX	VA	211	B	92.67	69.00	177.6	23.20 dB
WDDE	DOVER	DE	216	A	60.27	31.00	22.1	24.53 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	69.00	293.7	27.19 dB
WJTL	LANCASTER	PA	212	B1	181.83	96.00	341.1	27.28 dB
WHRO-FM	NORFOLK	VA	212	B	199.73	113.00	199.0	27.53 dB
WZXB	BECHTELSVILLE	PA	213	A	211.16	115.00	358.3	29.40 dB
WVBV	MEDFORD LAKES	NJ	213	B	145.96	178.00	37.0	29.87 dB
WWFP	BRIGANTINE	NJ	213	A	151.07	115.00	49.8	32.80 dB
WBJB-FM	LINCROFT	NJ	213	A	245.60	115.00	34.4	36.56 dB
WMRA	HARRISONBURG	VA	214	B	277.23	113.00	272.2	38.38 dB
WJPH	WOODBINE	NJ	210	A	116.79	31.00	42.6	39.72 dB
WYRS	MANAHAWKIN	NJ	214	B1	179.10	96.00	45.0	39.12 dB

ComStudy 2.2 search of channel 214 (90.7 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSDL	OCEAN CITY	MD	214	B1	52.57	143.00	91.0	-17.47 dB
WESM	PRINCESS ANNE	MD	217	B	34.31	69.00	166.9	-5.36 dB
WETA	WASHINGTON	DC	215	B	125.68	113.00	290.1	7.00 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	178.00	186.6	6.92 dB
WDIH	SALISBURY	MD	212	A	18.54	31.00	128.4	7.96 dB
WKHS	WORTON	MD	213	B1	89.92	96.00	342.2	10.07 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	113.00	247.0	16.58 dB
WHYY-FM	PHILADELPHIA	PA	215	B	175.96	113.00	14.9	22.47 dB
WHRX	NASSAWADOX	VA	211	B	92.67	69.00	177.6	23.20 dB
WDDE	DOVER	DE	216	A	60.27	31.00	22.1	24.53 dB
WMRA	HARRISONBURG	VA	214	B	277.23	178.00	272.2	24.38 dB
WYRS	MANAHAWKIN	NJ	214	B1	179.10	143.00	45.0	25.12 dB
WCSP-FM	WASHINGTON	DC	211	B	123.78	69.00	293.7	27.19 dB
WZXY	SPRING GROVE	PA	214	A	181.37	115.00	326.3	30.81 dB
WCWM	WILLIAMSBURG	VA	215	B1	167.78	96.00	220.3	32.34 dB
WCRH	WILLIAMSPORT	MD	213	B	228.68	113.00	304.7	32.45 dB
WRTL	EPHRATA	PA	214	A	204.43	115.00	349.8	33.37 dB
WWFP	BRIGANTINE	NJ	213	A	149.67	72.00	50.6	34.47 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	31.00	51.5	36.36 dB

ComStudy 2.2 search of channel 215 (90.9 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSDL	OCEAN CITY	MD	214	B1	52.57	96.00	91.0	-7.44 dB
WETA	WASHINGTON	DC	215	B	125.68	178.00	290.1	-7.00 dB
WESM	PRINCESS ANNE	MD	217	B	34.31	69.00	166.9	-5.36 dB
WDIH	SALISBURY	MD	212	A	18.54	31.00	128.4	7.96 dB
WHYY-FM	PHILADELPHIA	PA	215	B	175.96	178.00	14.9	8.47 dB
WDDE	DOVER	DE	216	A	60.27	72.00	22.1	11.46 dB
WCWM	WILLIAMSBURG	VA	215	B1	167.78	143.00	220.3	18.34 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	113.00	186.6	20.92 dB
WKHS	WORTON	MD	213	B1	89.92	48.00	342.2	26.42 dB
WBJC	BALTIMORE	MD	218	B	127.91	69.00	319.8	26.61 dB
WHFC	BEL AIR	MD	216	A	124.07	72.00	339.4	27.86 dB
WNSB	NORFOLK	VA	216	B1	200.16	96.00	195.9	32.43 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	69.00	247.0	34.21 dB
WHCE	HIGHLAND SPRINGS	VA	216	A	173.96	72.00	232.0	35.53 dB
WNJZ	CAPE MAY COURT HOUSE	NJ	212	A	106.93	31.00	51.5	36.36 dB
WMRA	HARRISONBURG	VA	214	B	277.23	113.00	272.2	38.38 dB
WYRS	MANAHAWKIN	NJ	214	B1	179.10	96.00	45.0	39.12 dB
WMSS	MIDDLETOWN	PA	216	A	206.69	72.00	336.4	39.44 dB

ComStudy 2.2 search of channel 216 (91.1 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WESM	PRINCESS ANNE	MD	217	B	34.31	113.00	166.9	-15.42 dB
WDDE	DOVER	DE	216	A	60.27	115.00	22.1	-10.82 dB
WETA	WASHINGTON	DC	215	B	125.68	113.00	290.1	7.00 dB
WSDL	OCEAN CITY	MD	214	B1	52.57	48.00	91.0	7.95 dB
WHFC	BEL AIR	MD	216	A	124.07	115.00	339.4	13.86 dB
WNSB	NORFOLK	VA	216	B1	200.16	143.00	195.9	18.43 dB
WHCE	HIGHLAND SPRINGS	VA	216	A	173.96	115.00	232.0	21.53 dB
WHYY-FM	PHILADELPHIA	PA	215	B	175.96	113.00	14.9	22.47 dB
WMSS	MIDDLETOWN	PA	216	A	206.69	115.00	336.4	25.44 dB
WARN	CULPEPER	VA	217	B	181.63	113.00	278.7	25.29 dB
WKHS	WORTON	MD	213	B1	89.92	48.00	342.2	26.42 dB
WBJC	BALTIMORE	MD	218	B	127.91	69.00	319.8	26.61 dB
WTJU	CHARLOTTESVILLE	VA	216	B1	244.66	143.00	256.9	28.72 dB
WVUD	NEWARK	DE	217	B1	130.91	96.00	0.6	28.60 dB
WRTQ	OCEAN CITY	NJ	217	B1	124.83	96.00	43.5	28.11 dB
WVWJ	TOMS RIVER TOWNSHIP	NJ	216	A	215.00	115.00	39.3	30.24 dB
WCWM	WILLIAMSBURG	VA	215	B1	167.78	96.00	220.3	32.34 dB
WRTX	DOVER	DE	219	A	78.59	31.00	13.0	34.97 dB
WPER	FREDERICKSBURG	VA	213	B	152.69	69.00	247.0	34.21 dB
WZBT	GETTYSBURG	PA	216	A	193.81	115.00	320.2	34.15 dB
WTRM	WINCHESTER	VA	216	A	239.09	115.00	289.1	38.43 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	69.00	186.6	38.54 dB

ComStudy 2.2 search of channel 217 (91.3 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WESM	PRINCESS ANNE	MD	217	B	34.31	178.00	166.9	-29.42 dB
WSDL	OCEAN CITY	MD	214	B1	52.57	48.00	91.0	7.95 dB
WBJC	BALTIMORE	MD	218	B	127.91	113.00	319.8	9.58 dB
WARN	CULPEPER	VA	217	B	181.63	178.00	278.7	11.29 dB
WDDE	DOVER	DE	216	A	60.27	72.00	22.1	11.46 dB
WVUD	NEWARK	DE	217	B1	130.91	143.00	0.6	14.60 dB
WRTQ	OCEAN CITY	NJ	217	B1	124.83	143.00	43.5	14.11 dB
WYCS	YORKTOWN	VA	218	B	159.69	113.00	205.3	22.62 dB
WETA	WASHINGTON	DC	215	B	125.68	69.00	290.1	23.72 dB
WHFC	BEL AIR	MD	216	A	124.07	72.00	339.4	27.86 dB
WGTS	TAKOMA PARK	MD	220	B	125.68	69.00	290.1	28.76 dB
WVST-FM	PETERSBURG	VA	217	A	202.28	115.00	226.0	29.57 dB
WTSR	TRENTON	NJ	217	A	213.17	115.00	23.2	30.92 dB
WNSB	NORFOLK	VA	216	B1	200.16	96.00	195.9	32.43 dB
WRTX	DOVER	DE	219	A	78.59	31.00	13.0	34.97 dB
WLCH	LANCASTER	PA	217	A	178.73	115.00	345.8	34.48 dB
WPGF	CARLISLE	PA	217	B1	235.03	143.00	327.1	35.08 dB
WHCE	HIGHLAND SPRINGS	VA	216	A	173.96	72.00	232.0	35.53 dB
WHGO	HERTFORD	NC	217	A	274.83	115.00	193.3	36.73 dB
WZLV	CAPE CHARLES	VA	214	B	148.58	69.00	186.6	38.54 dB
WXAC	READING	PA	217	A	206.59	115.00	356.8	39.46 dB
WMSS	MIDDLETOWN	PA	216	A	206.69	72.00	336.4	39.44 dB

ComStudy 2.2 search of channel 218 (91.5 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WESM	PRINCESS ANNE	MD	217	B	34.31	113.00	166.9	-15.42 dB
WBJC	BALTIMORE	MD	218	B	127.91	178.00	319.8	-4.42 dB
WYCS	YORKTOWN	VA	218	B	159.69	178.00	205.3	8.62 dB
WRTX	DOVER	DE	219	A	78.59	72.00	13.0	20.81 dB
WETA	WASHINGTON	DC	215	B	125.68	69.00	290.1	23.72 dB
WLBW	FENWICK ISLAND	DE	221	A	55.99	31.00	100.0	25.0
WDDE	DOVER	DE	216	A	60.27	31.00	22.1	24.53 dB
WARN	CULPEPER	VA	217	B	181.63	113.00	278.7	25.29 dB
WGTS	TAKOMA PARK	MD	220	B	125.68	69.00	290.1	28.76 dB
WVUD	NEWARK	DE	217	B1	130.91	96.00	0.6	28.60 dB
WRTQ	OCEAN CITY	NJ	217	B1	124.83	96.00	43.5	28.11 dB
WDBK	BLACKWOOD	NJ	218	A	154.92	115.00	23.8	31.74 dB
WSRN-FM	SWARTHMORE	PA	218	A	158.85	115.00	12.9	33.56 dB
WCDH	SHENANDOAH	PA	218	A	261.26	115.00	353.6	34.69 dB
WZWG	WEST GROVE	PA	219	A	146.00	72.00	355.3	35.61 dB
WLFH	POMONA	NJ	219	A	151.22	72.00	44.4	36.67 dB

ComStudy 2.2 search of channel 219 (91.7 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WESM	PRINCESS ANNE	MD	217	B	34.31	69.00	166.9	-5.36 dB
WRTX	DOVER	DE	219	A	78.59	115.00	13.0	6.81 dB
WBJC	BALTIMORE	MD	218	B	127.91	113.00	319.8	9.58 dB
WGTS	TAKOMA PARK	MD	220	B	125.68	113.00	290.1	12.04 dB
WZWG	WEST GROVE	PA	219	A	146.00	115.00	355.3	21.61 dB
WLFR	POMONA	NJ	219	A	151.22	115.00	44.4	22.67 dB
WHRE	EASTVILLE	VA	220	A	128.80	72.00	186.7	22.64 dB
WYCS	YORKTOWN	VA	218	B	159.69	113.00	205.3	22.62 dB
WLBW	FENWICK ISLAND	DE	221	A	55.99	31.00	100.0	25.0
WDDE	DOVER	DE	216	A	60.27	31.00	22.1	24.53 dB
WSMJ	NORTH WILDWOOD	NJ	220	A	99.58	72.00	52.8	26.00 dB
WMPH	WILMINGTON	DE	219	A	141.92	115.00	9.1	28.92 dB
WBKU	AHOSKIE	NC	219	C1	296.82	200.00	205.8	28.02 dB
WZWG	WEST GROVE	PA	219	A	146.00	115.00	355.3	28.33 dB
WLNJ	LAKEHURST	NJ	219	A	206.17	115.00	32.5	31.79 dB
WJAZ	SUMMERDALE	PA	219	A	225.87	115.00	332.4	33.86 dB
WCUR	WEST CHESTER	PA	219	A	160.46	115.00	5.2	33.56 dB
WIXQ	MILLERSVILLE	PA	219	A	173.05	115.00	343.1	35.36 dB
WKDU	PHILADELPHIA	PA	219	A	168.45	115.00	17.1	35.36 dB
WEMC	HARRISONBURG	VA	219	A	271.49	115.00	270.0	35.76 dB
WXHM	MIDDLETOWN	DE	220	A	103.57	72.00	2.3	37.01 dB
WBMR	TELFORD	PA	219	A	204.28	115.00	11.5	38.59 dB
WMUH	ALLENTOWN	PA	219	A	232.72	115.00	5.4	39.68 dB
WBNJ	BARNEGAT	NJ	220	A	187.38	72.00	41.5	39.62 dB
WZXH	HAGERSTOWN	MD	219	A	197.55	115.00	303.0	39.08 dB

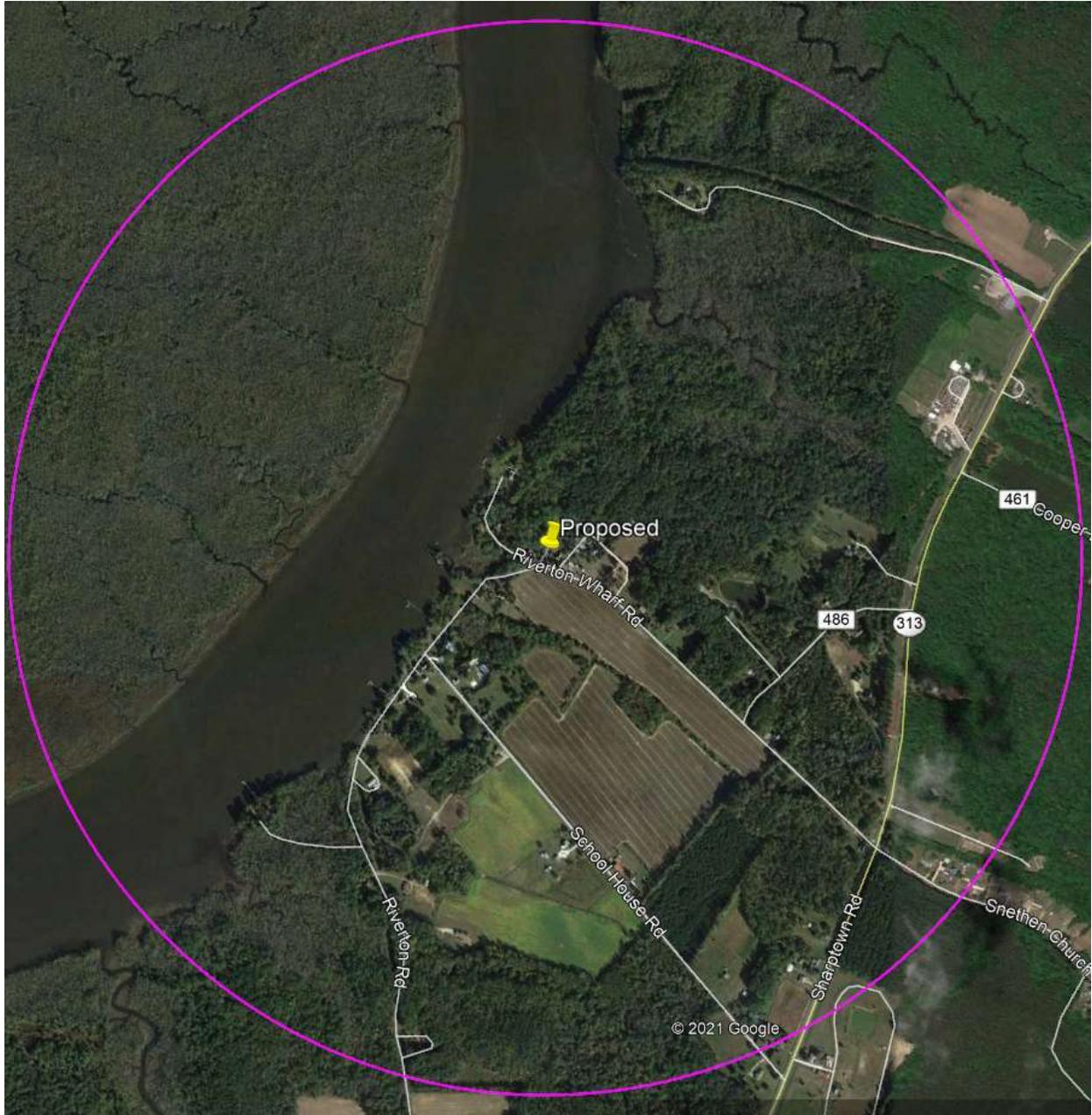
Only second-adjacent channel overlap on Channel 219.

ComStudy 2.2 search of channel 220 (91.9 MHz Class A) at 38-30-41.0 N, 75-46-16.0 W.

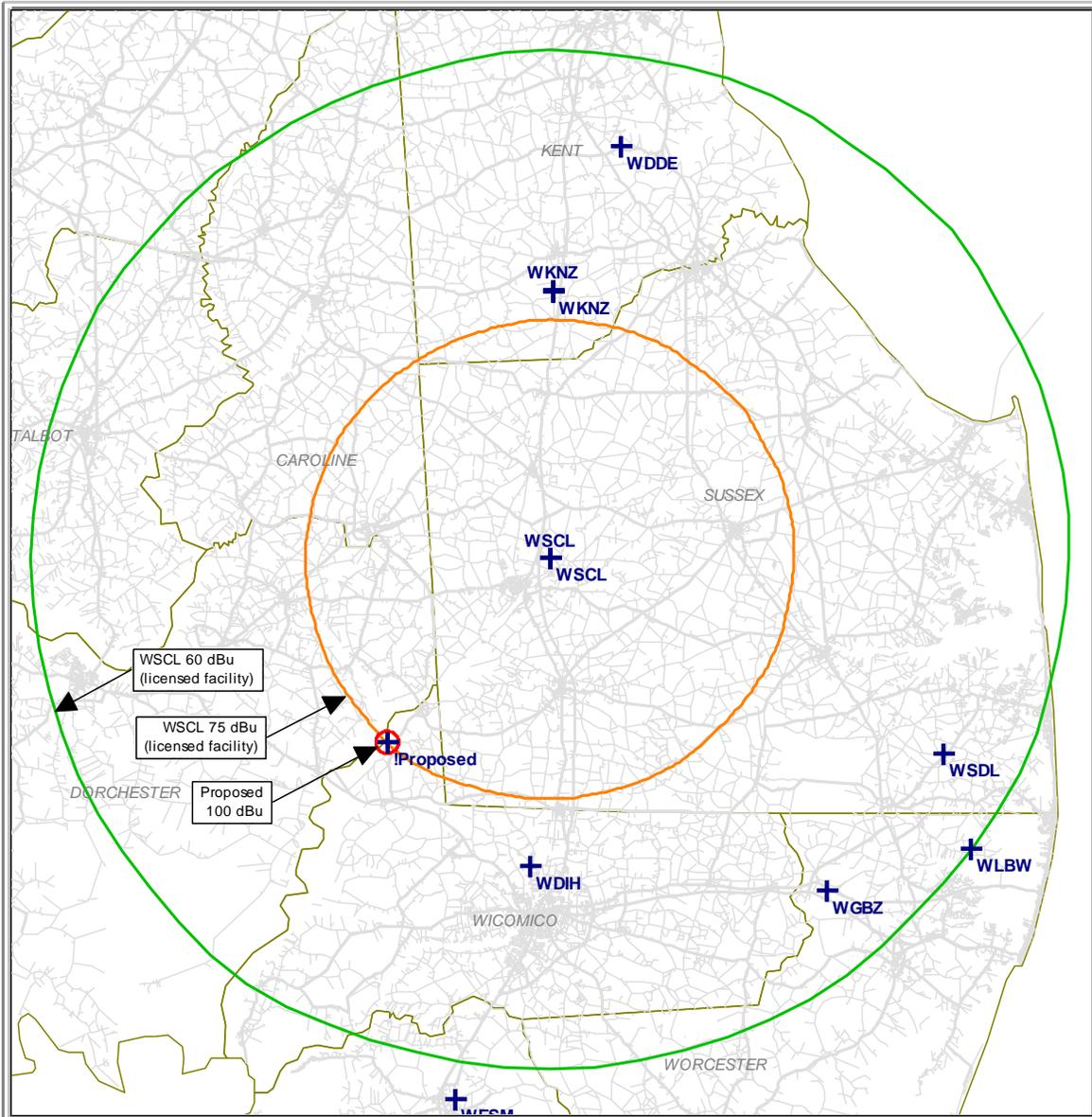
CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLBW	FENWICK ISLAND	DE	221	A	55.99	72.00	100.0	-16.0
WGTS	TAKOMA PARK	MD	220	B	125.68	178.00	290.1	-5.77 dB
WESM	PRINCESS ANNE	MD	217	B	34.31	69.00	166.9	-5.36 dB
WHRE	EASTVILLE	VA	220	A	128.80	115.00	186.7	8.64 dB
WPKZ-FM	POCOMOKE CITY	MD	223	A	41.93	31.00	167.2	10.9
WSMJ	NORTH WILDWOOD	NJ	220	A	99.58	115.00	52.8	12.00 dB
WRTX	DOVER	DE	219	A	78.59	72.00	13.0	20.81 dB
WXHM	MIDDLETOWN	DE	220	A	103.57	115.00	2.3	23.01 dB
WBNJ	BARNEGAT	NJ	220	A	187.38	115.00	41.5	25.62 dB
WBJC	BALTIMORE	MD	218	B	127.91	69.00	319.8	26.61 dB
WYTL	WYOMISSING	PA	220	A	186.57	115.00	355.2	28.42 dB
WXPJ	HACKETTSTOWN	NJ	220	B1	271.06	143.00	16.2	31.03 dB
WFWM	FROSTBURG	MD	220	B1	295.63	143.00	294.8	32.24 dB
WZWG	WEST GROVE	PA	219	A	146.00	72.00	355.3	35.61 dB
WNRN	CHARLOTTEVILLE	VA	220	A	244.66	115.00	256.9	35.43 dB
WNRN	CHARLOTTEVILLE	VA	220	A	244.66	115.00	256.9	35.43 dB
WLFR	POMONA	NJ	219	A	151.22	72.00	44.4	36.67 dB

APPENDIX B

PROPOSED 100 dBu INTERFERING CONTOUR



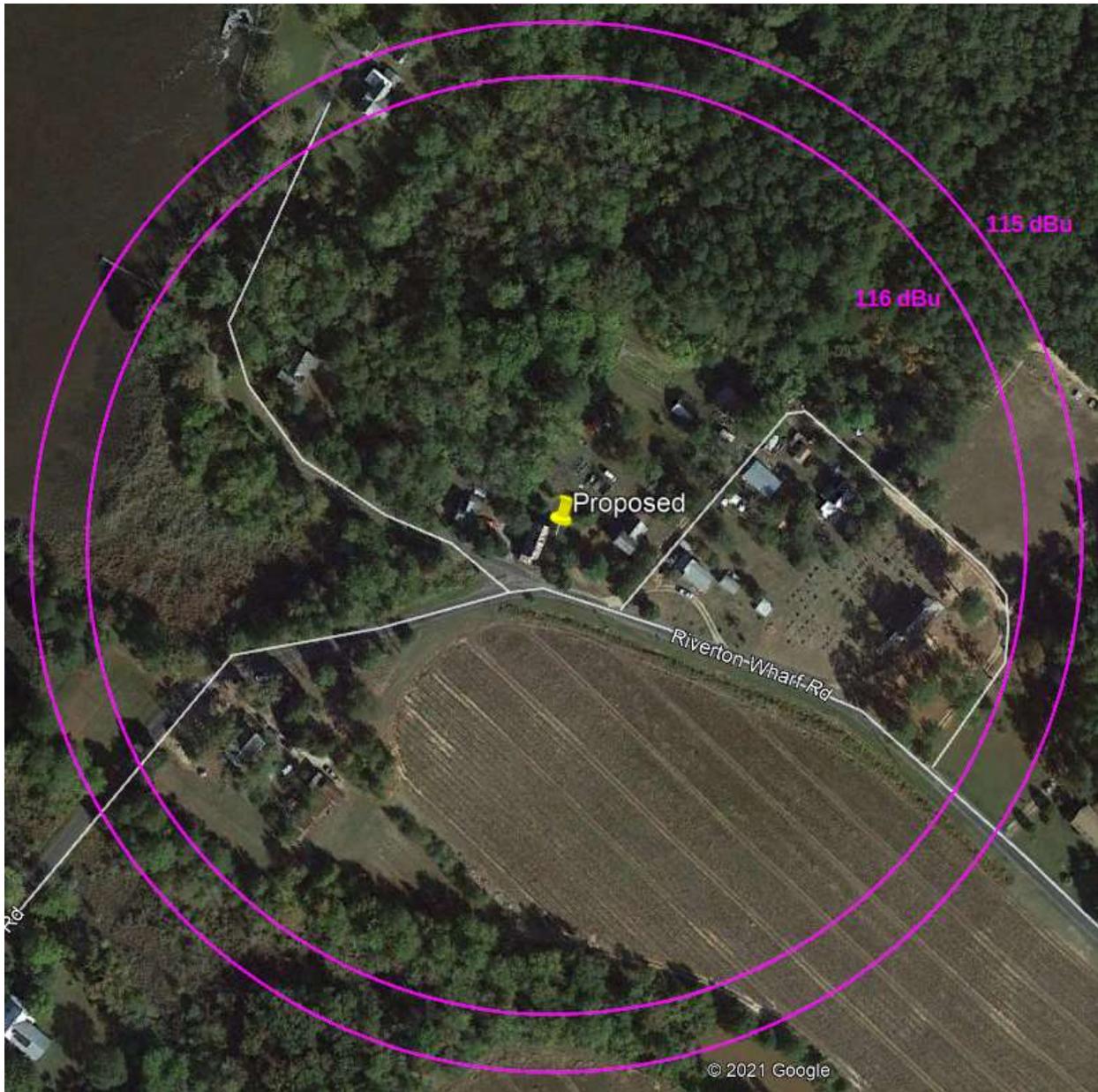
Proposed 100 dBu vs. WSCL 60 dBu



Map Scale: 1:521535 1 cm = 5.22 km V/H Size: 103.27 x 98.62 km

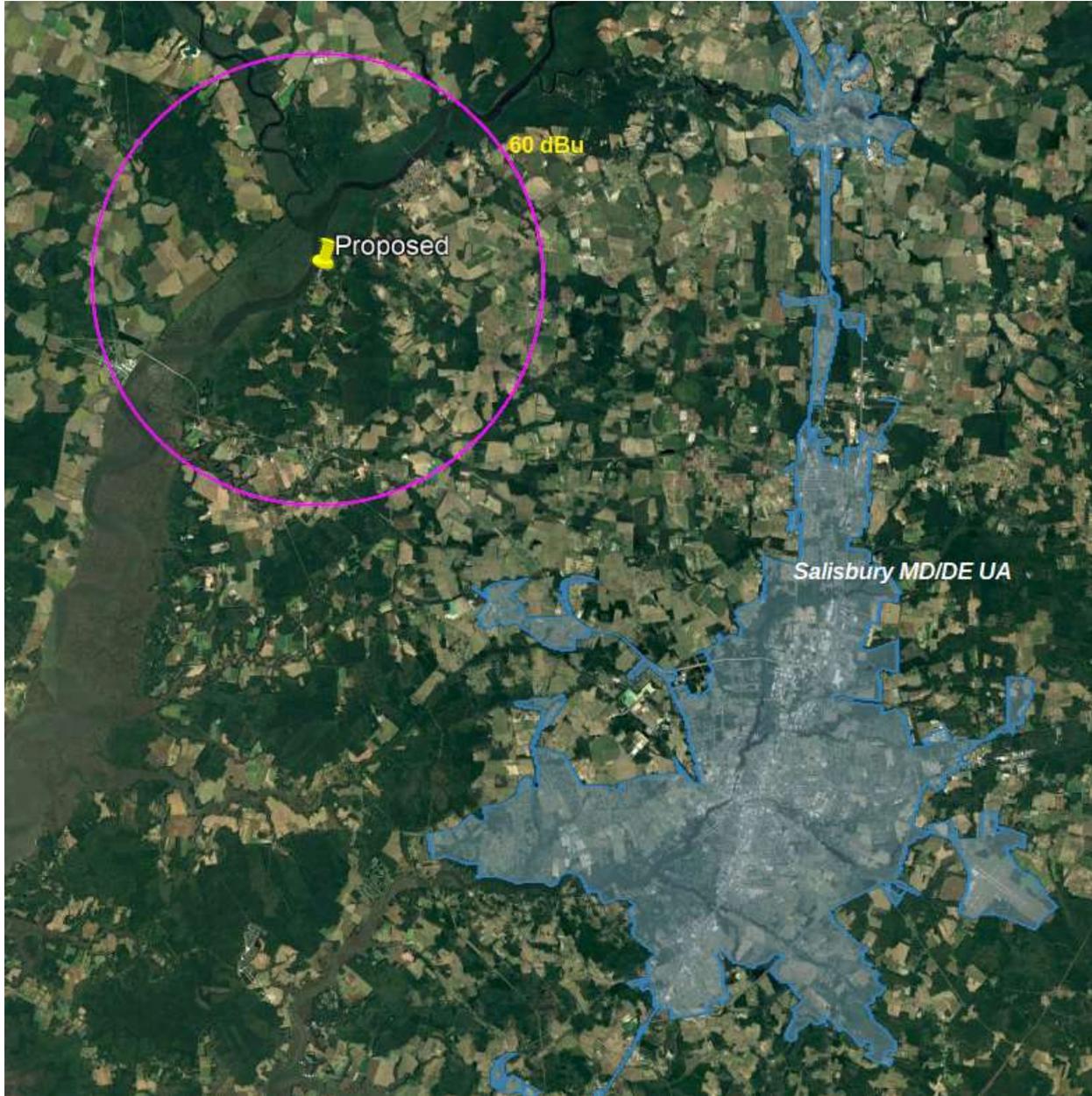
APPENDIX C

PROPOSED 115 and 116 dBu INTERFERING CONTOUR



APPENDIX D

PROPOSED 60 dBu IN RESPECT TO URBANIZED AREAS



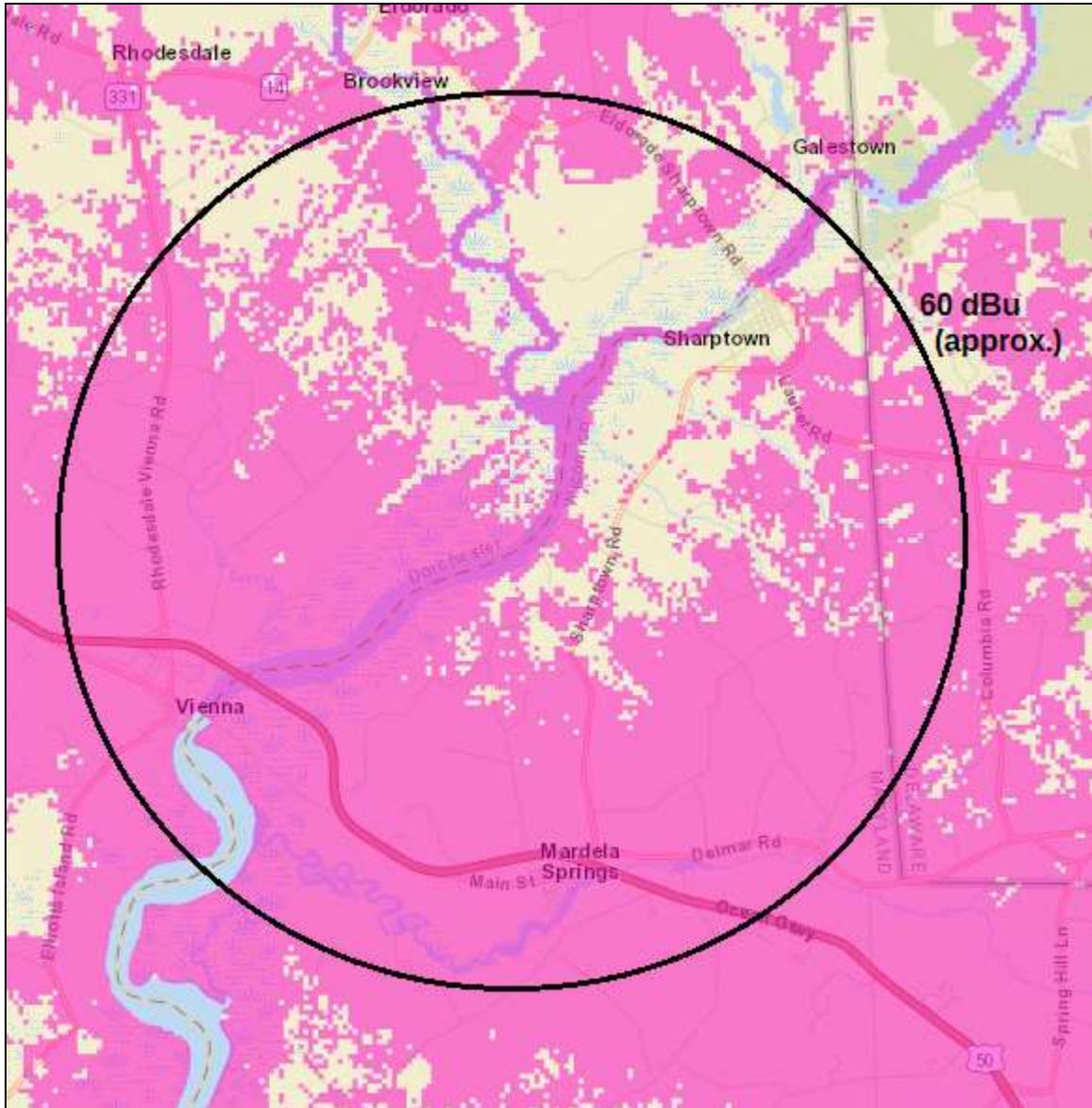
APPENDIX E

**60 dBu OF FACILITIES THAT ARE BLOCKING ALL 20 CHANNELS
TO BE AVAILABLE AND THEIR RELATION TO THE
SALISBURY, MD/DE AND DOVER, DE URBANIZED AREAS**



APPENDIX F

**T-MOBILE 4G LTE COVERAGE
IN PROPOSED SERVICE CONTOUR**



Based on information provided to the Commission by T-Mobile as of May 15, 2021. Retrieved from Commission's 4G LTE Broadband Data Map available at: <https://fcc.maps.arcgis.com/apps/webappviewer/index.html?id=6c1b2e73d9d749cdb7bc88a0d1bdd25b>

Map clearly shows that the community of license does not receive any 4G LTE data service from one of the country's largest mobile broadband providers.

APPENDIX G

NCE RESERVED BAND FACILITIES INSIDE THE PROTECTED CONTOURS OF OTHER NCE RESERVED BAND FACILITIES ON SECOND OR THIRD-ADJACENT CHANNELS

For each facility relationship, this list shows the protected station, the potentially interfering station, the bearing from the protected station to the potentially interfering station, the distance (in kilometers) from the protected station to the potentially interfering station and the distance (in kilometers) from the protected station to its 60 dBu (1 mV/m) service contour. This list shows the many cases where the Commission has already permitted NCE stations to operate inside the service contours of second and third-adjacent channel NCE reserved band stations.

PROTECTED STATION	FAC ID	CH.	POTEN. INTERFER. STATION	FAC ID	CH.	BEARING	TO FAC	TOCNTR
KLXF	MODESTO	CA 43333 213	KBDG	TURLOCK	CA 3051 215	142	12.7	16.5
WKJA	BRUNSWICK	OH 122205 220	WAPS	AKRON	OH 6051 217	60	33.7	40.7
KCVG	HASTINGS	NE 78448 210	KQQA	SHELTON	NE 176696 213	269	31.9	36.0
WRXT	ROANOKE	VA 70358 212	WQLU	LYNCHBURG	VA 37248 215	95	44.6	53.4
WVRS	GORE	VA 122630 211	WHFV	WINCHESTER	VA 176296 209	97	24.4	29.0
KCNV	LAS VEGAS	NV 48348 209	KAER	MESQUITE	NV 93355 207	84	44.9	53.4
KYFQ	TACOMA	WA 62470 219	KROH	PORT TOWNSEND	WA 173495 216	350	52.8	59.3
WIAB	MACKINAW CITY	MI 89513 203	WBLW	GAYLORD	MI 91339 201	153	49.9	56.0
KAYH	FAYETTEVILLE	AR 79130 207	KGSF	HUNTSVILLE	AR 92987 204	56	36.3	42.9
WRTY	JACKSON TOWNS	PA 65178 216	WPNJ	EASTON	PA 174811 213	164	36.9	46.4
WYFS	SAVANNAH	GA 5163 208	WLFH	CLAXTON	GA 176341 205	300	52.4	61.5
WBJC	BALTIMORE	MD 3654 218	WHFC	BEL AIR	MD 26024 216	64	43.2	56.2
WUNC	CHAPEL HILL	NC 66581 218	WQFS	GREENSBORO	NC 68233 215	291	69.9	80.1
WMHY	RICHFIELD SPR	NY 174409 204	WVVC-FM	DOLGEVILLE	NY 171935 201	2	20.3	26.0
WJVM	BELLEFONTE	PA 172335 212	WCRG	WILLIAMSPORT	PA 93885 214	44	27.8	36.3
WPMW	BAYVIEW	MA 175689 203	WFHL	NEW BEDFORD	MA 87375 201	92	8.0	9.3
WHLF	HANNA	IN 91345 210	WBWE	CHESTERTON	IN 3248 208	323	27.9	34.5
WKVJ	DANNEMORA	NY 91724 209	WRUV	BURLINGTON	VT 66566 211	105	39.0	51.9
WORW	PORT HURON	MI 53032 220	WRSX	PORT HURON	MI 62110 217	174	5.2	6.5
KHDC	CHUALAR	CA 54497 215	KAZU	PACIFIC GROVE	CA 43591 212	264	31.1	40.1
WPUC-FM	PONCE	PR 9351 205	WUO	MAYAGUEZ	PR 69434 202	285	63.4	77.7
KRCC	COLORADO SPRING	CO 65563 218	KCFP	PUEBLO	CO 12326 220	148	48.9	63.7
WRIU	KINGSTON	RI 69206 212	WJHD	PORTSMOUTH	RI 53078 214	61	24.3	29.1
WCPE	RALEIGH	NC 18831 209	WXYC	CHAPEL HILL	NC 63561 207	263	62.6	77.1
WYPL	MEMPHIS	TN 13996 207	WEVL	MEMPHIS	TN 61272 210	136	50.2	65.5
WCYI	CANANDAIGUA	NY 20643 205	WEOS	GENEVA	NY 65559 208	76	28.7	32.5
KYSO	SELMA	OR 89860 204	KSRG	ASHLAND	OR 62105 202	86	75.2	85.8
KYSO	SELMA	OR 89860 204	KSMF	ASHLAND	OR 63022 206	86	75.1	85.8
WAYJ	NAPLES	FL 59831 208	WGCU-FM	FORT MYERS	FL 69042 211	346	39.5	48.8
KFLV	WILBER	NE 89576 210	KRNU	LINCOLN	NE 69268 212	9	33.9	38.0
KFLV	WILBER	NE 89576 210	KZUM	LINCOLN	NE 63955 207	9	33.1	38.0
WICN	WORCESTER	MA 72379 213	WYQQ	CHARLTON	MA 4102 211	199	17.0	19.8
KMCV	HIGH POINT	MO 84371 210	KMUC	COLUMBIA	MO 63328 213	26	42.6	48.7
WGZS	CLOQUET	MN 172280 206	WJRF	DULUTH	MN 49348 208	97	44.8	50.2
WGZS	CLOQUET	MN 172280 206	WSSU	SUPERIOR	WI 89432 203	96	45.2	50.4
WQRA	GREENCASTLE	IN 93526 213	WBDG	INDIANAPOLIS	IN 41317 215	46	31.1	34.8
KGVV	GOLTRY	OK 177142 213	KKRD	ENID	OK 19603 216	116	16.1	21.2
WUJC	ST. MARKS	FL 122209 216	WANM	TALLAHASSEE	FL 21755 213	257	41.4	48.3
KPLV	CORPUS CHRIST	TX 57477 204	KKWV	ARANSAS PASS	TX 91069 201	70	40.3	50.9
KBNJ	CORPUS CHRIST	TX 73748 219	KTAI	KINGSVILLE	TX 65304 216	245	34.2	40.6
KXRI	AMARILLO	TX 5138 220	KTXP	BUSHLAND	TX 90579 218	248	28.2	34.1
WUOT	KNOXVILLE	TN 69161 220	WLMU	HARROGATE	TN 37551 217	22	66.7	80.2
KJRC	RAPID CITY	SD 90517 210	KBHE-FM	RAPID CITY	SD 58327 207	123	56.3	68.0
KJRC	RAPID CITY	SD 90517 210	KASD	RAPID CITY	SD 88804 212	121	54.8	68.8
WGMC	GREECE	NY 25113 211	WITR	HENRIETTA	NY 57280 209	173	17.8	20.1
WMDR-FM	OAKLAND	ME 92341 205	WMSJ	FREEMONT	ME 17483 207	172	54.8	64.5
WMDR-FM	OAKLAND	ME 92341 205	WYAR	YARMOUTH	ME 78242 202	157	58.5	70.1
KFOI	RED BLUFF	CA 77121 215	KNVE	REDDING	CA 77093 217	306	59.5	70.1
KCFR-FM	DENVER	CO 53777 211	KGUD	LONGMONT	CO 62178 214	15	58.4	76.3
WPUC-FM	PONCE	PR 9351 205	WUO	MAYAGUEZ	PR 69434 202	285	63.3	77.4
WNPN	NEWPORT	RI 163899 207	WJMF	SMITHFIELD	RI 7650 204	307	38.2	43.8
KVCI	MONTEZUMA	IA 173311 209	KNSZ	OTTUMWA	IA 29117 206	124	48.6	58.3
KDMC-FM	VAN BUREN	MO 81163 217	KPBR	POPLAR BLUFF	MO 173704 219	116	29.1	35.8
KPLV	CORPUS CHRIST	TX 57477 204	KKWV	ARANSAS PASS	TX 91069 201	72	40.1	51.6
WVIJ	PORT CHARLOTT	FL 53029 219	WSEB	ENGLEWOOD	FL 63899 217	240	26.3	29.6
KDMC-FM	VAN BUREN	MO 81163 204	KYEC	DONIPHAN	MO 173551 202	189	38.4	45.7

PROTECTED STATION	FAC ID	CH.	POTEN.	INTERFER.	STATION	FAC ID	CH.	BEARING	TO FAC	TOCNTR		
WGV	GROVE CITY	OH	91538	201	WUFM	COLUMBUS	OH	20758	204	23	26.2	29.3
WUFT-FM	GAINESVILLE	FL	66604	206	WUFQ	CROSS CITY	FL	121772	203	248	40.7	67.0
KYVT	YAKIMA	WA	74320	203	KYTR	UNION GAP	WA	175692	201	351	11.1	25.4
WJEL	INDIANAPOLIS	IN	41316	207	WICR	INDIANAPOLIS	IN	69115	204	256	6.9	10.2
KDPS	DES MOINES	IA	16720	201	KWDM	WEST DES MOIN	IA	70543	204	275	9.3	22.2
KJMC	DES MOINES	IA	43060	207	KWDM	WEST DES MOIN	IA	70543	204	241	14.9	22.2
WAYM	SPRING HILL	TN	58421	204	WECV	NASHVILLE	TN	67633	206	32	12.4	22.2
KNBX	SAN ARDO	CA	51720	219	KDRH	KING CITY	CA	9863	217	340	30.1	49.8
WKNO-FM	MEMPHIS	TN	41887	216	WYXR	MEMPHIS	TN	66625	219	272	3.3	63.0
WBUR-FM	BOSTON	MA	68241	215	WUML	LOWELL	MA	69410	218	350	38.6	51.1
WBUR-FM	BOSTON	MA	68241	215	WCUW	WORCESTER	MA	74162	217	264	46.7	51.9
WBUR-FM	BOSTON	MA	68241	215	WSHL-FM	EASTON	MA	63487	217	155	30.9	42.0
WBUR-FM	BOSTON	MA	68241	215	WMLN-FM	MILTON	MA	14747	218	127	12.7	52.8
KWKL	GRANDFIELD	OK	122257	210	KMOC	WICHITA FALLS	TX	11107	208	196	44.1	50.8
KWKL	GRANDFIELD	OK	122257	210	KCCU	LAWTON	OK	8484	207	20	41.5	49.8
KWKL	GRANDFIELD	OK	122257	210	KVRS	LAWTON	OK	36822	212	338	31.0	49.8
KYPH	HELENA	MT	174030	203	KGLZ	EAST HELENA	MT	173818	206	80	48.6	67.7
KXWT	ODESSA	TX	50038	217	KVDG	MIDLAND	TX	91761	215	125	27.0	41.5
WBVM	TAMPA	FL	5373	213	WKES	LAKELAND	FL	19871	216	40	33.7	42.1
KRSF	RIDGECREST	CA	175757	207	KLXP	RANDBURG	CA	24706	209	270	0.0	15.1
WTPG	WHITEHOUSE	OH	122008	205	WXUT	TOLEDO	OH	69200	202	359	25.5	31.2
WTPG	WHITEHOUSE	OH	122008	205	WXTS-FM	TOLEDO	OH	4194	202	10	27.2	31.2
WTPG	WHITEHOUSE	OH	122008	205	WYSZ	MAUMEE	OH	60276	207	347	22.6	31.0
WTCK	CHARLEVOIX	MI	121256	215	WJOG	GOOD HART	MI	121776	217	330	0.9	43.5
KLXP	RANDBURG	CA	24706	209	KRSF	RIDGECREST	CA	175757	207	270	0.0	41.3
KJAB-FM	MEXICO	MO	41411	202	KSDQ	MOBERLY	MO	176877	204	300	31.6	39.0
KHOI	STORY CITY	IA	175288	206	KURE	AMES	IA	55777	203	214	14.3	22.8
WMOT	MURFREESBORO	TN	41997	208	WECV	NASHVILLE	TN	67633	206	282	29.2	65.0
KVKL	LAS VEGAS	NV	88719	216	KUNV	LAS VEGAS	NV	68921	218	30	40.9	70.4
WCRP	GUAYAMA	PR	42685	201	WLUZ	LEVITTOWN	PR	11620	203	49	28.0	76.3
KPAQ	PLAQUEMINE	LA	86794	201	WJFM	BATON ROUGE	LA	31171	203	57	25.3	47.3
WDLV	FORT MYERS	FL	64256	204	WBIY	LA BELLE	FL	86109	202	21	35.6	52.8
WMHU	COLD BROOK	NY	174468	216	WVHC	HERKIMER	NY	27032	218	168	12.4	21.1
KUNV	LAS VEGAS	NV	68921	218	KVKL	LAS VEGAS	NV	88719	216	210	40.9	53.9
WRPI	TROY	NY	55742	218	WCDB	ALBANY	NY	63125	215	270	9.5	37.4
WBPR	WORCESTER	MA	69163	220	WCUW	WORCESTER	MA	74162	217	119	9.2	20.7
WUFT-FM	GAINESVILLE	FL	66604	206	WUFQ	CROSS CITY	FL	121772	203	248	40.7	67.0
WLWU	CHICAGO	IL	38939	204	WZRZ	CHICAGO	IL	49444	202	247	5.3	8.4
WLWU	CHICAGO	IL	38939	204	WNUR-FM	EVANSTON	IL	49779	207	347	5.9	8.9
KXJZ	SACRAMENTO	CA	8336	215	KYDS	SACRAMENTO	CA	58888	218	137	15.4	50.7
KXJZ	SACRAMENTO	CA	8336	215	KDVS	DAVIS	CA	69345	212	234	21.4	52.3
WRX	PORT HURON	MI	62110	217	WORW	PORT HURON	MI	53032	220	354	5.2	6.2
WGNB	ZEELAND	MI	18425	207	WTHS	HOLLAND	MI	27622	210	239	10.7	50.2
WYXR	MEMPHIS	TN	66625	219	WKNO-FM	MEMPHIS	TN	41887	216	92	3.3	40.0
WAER	SYRACUSE	NY	64354	202	WITC	CAZENOVIA	NY	9430	205	117	25.3	36.5
WCPN	CLEVELAND	OH	12025	212	WKSU	KENT	OH	34045	209	168	32.8	37.6
WKES	LAKELAND	FL	19871	216	WBVM	TAMPA	FL	5373	213	220	33.7	54.8
KQED-FM	SAN FRANCISCO	CA	35501	203	KCEA	ATHERTON	CA	41168	206	147	26.2	81.9
WNCW	SPINDALE	NC	29262	204	WCQS	ASHEVILLE	NC	71923	201	245	38.6	71.8
WNCW	SPINDALE	NC	29262	204	WCQS	ASHEVILLE	NC	71923	201	245	38.6	71.8
KUHF	HOUSTON	TX	69150	204	KFTG	PASADENA	TX	12969	201	66	31.0	88.5
KUHF	HOUSTON	TX	69150	204	KSBJ	HUMBLE	TX	35590	207	355	34.9	87.9
WNUR-FM	EVANSTON	IL	49779	207	WLWU	CHICAGO	IL	38939	204	167	5.9	18.2
KZLV	LYTLE	TX	66441	217	KRTU-FM	SAN ANTONIO	TX	68128	219	3	31.0	41.9
WNFR	SANDUSKY	MI	57704	214	WRSX	PORT HURON	MI	62110	217	147	25.8	46.0
WSOR	NAPLES	FL	61506	215	WJYO	FORT MYERS	FL	67215	218	322	23.0	60.1
KFNO	FRESNO	CA	20924	212	KFSR	FRESNO	CA	8349	214	224	40.4	57.3
KCMP	NORTHFIELD	MN	62162	207	WRFW	RIVER FALLS	WI	6091	204	56	39.6	68.6
KCMP	NORTHFIELD	MN	62162	207	KMOJ	MINNEAPOLIS	MN	14679	210	349	43.0	66.5
WRVO	OSWEGO	NY	63115	210	WBXL	BALDWINVILLE	NY	3639	213	147	34.2	46.1
KNVM	PRUNEDALE	CA	53696	209	KAZU	PACIFIC GROVE	CA	43591	212	229	34.2	46.2
WTRK	FREELAND	MI	89044	215	WCHW-FM	BAY CITY	MI	59351	217	71	9.1	15.4
KNPR	LAS VEGAS	NV	79047	205	KAER	MESQUITE	NV	93355	207	84	44.8	94.8
KLWV	ODESSA	TX	39893	213	KVDG	MIDLAND	TX	91761	215	135	29.6	64.0
KWCF	SHERIDAN	WY	90842	207	KOHR	SHERIDAN	WY	89342	205	359	21.7	43.9
KBLV	TEHACHAPI	CA	122216	204	KPRX	BAKERSFIELD	CA	72186	206	278	27.4	52.0
WICR	INDIANAPOLIS	IN	69115	204	WJEL	INDIANAPOLIS	IN	41316	207	76	6.9	43.2
KLTV	FAIRMEAD	CA	18854	216	KFSR	FRESNO	CA	8349	214	190	35.6	67.6
KJFT	ARLEE	MT	93587	212	KBGA	MISSOULA	MT	78334	210	172	15.2	43.9
WKSU	KENT	OH	34045	209	WKRW	WOOSTER	OH	34046	207	215	41.8	48.4
WKSU	KENT	OH	34045	209	WCPN	CLEVELAND	OH	12025	212	348	32.8	50.4
KHSU	ARCATA	CA	28111	213	KHSF	FERNDALE	CA	172798	211	226	36.5	62.8
KMOJ	MINNEAPOLIS	MN	14679	210	KFAI	MINNEAPOLIS	MN	22630	212	216	12.8	27.7
WECV	NASHVILLE	TN	67633	206	WAYM	SPRING HILL	TN	58421	204	212	12.4	16.4
KLRD	YUCAIPA	CA	60144	211	KSGN	RIVERSIDE	CA	35600	209	293	39.2	56.5
WABE	ATLANTA	GA	3538	211	WMVV	GRIFFIN	GA	46714	214	157	47.0	76.1
WTMI	FLEMING	NY	172348	204	WDWN	AUBURN	NY	9426	206	332	18.1	29.9
KYLV	OKLAHOMA CITY	OK	50169	205	KALU	LANGSTON	OK	36529	207	26	47.2	55.4
KYLV	OKLAHOMA CITY	OK	50169	205	KSSO	NORMAN	OK	77089	207	174	37.7	52.8

PROTECTED STATION	FAC ID	CH.	POTEN.	INTERFER.	STATION	FAC ID	CH.	BEARING	TO FAC	TOCNTR		
KLTU	MAMMOTH	AZ	79359	201	KVCC	TUCSON	AZ	81952	203	132	40.6	62.2
WMHT-FM	SCHENECTADY	NY	73266	206	WRUC	SCHENECTADY	NY	68273	209	17	22.4	58.7
KDVS	DAVIS	CA	69345	212	KXJZ	SACRAMENTO	CA	8336	215	54	21.4	26.8
WUMB-FM	BOSTON	MA	66578	220	WMLN-FM	MILTON	MA	14747	218	263	5.4	14.6
WCGV	CAMBRIDGE SPR	PA	176354	210	WMIH	GENEVA	OH	170889	208	280	39.4	50.3
WCGV	CAMBRIDGE SPR	PA	176354	210	WARC	MEADVILLE	PA	1055	212	173	19.6	44.0
KYVT	YAKIMA	WA	74320	203	KYTR	UNION GAP	WA	175692	201	351	11.1	17.3
KHSF	FERNDALE	CA	172798	211	KIPE	PINE HILLS	CA	176712	209	31	16.5	34.6
WSFI	ANTIOCH	IL	175700	203	WBSD	BURLINGTON	WI	7837	206	343	22.1	30.1
KSKQ	ASHLAND	OR	173192	208	KSMF	ASHLAND	OR	63022	206	298	24.1	41.5
WQVM	APPLETON	WI	36786	216	WEMY	GREEN BAY	WI	69196	218	43	30.0	43.8
WXPB	PHILADELPHIA	PA	68229	203	WYBF	RADNOR TOWNSH	PA	8127	206	279	11.9	39.2
WXPB	PHILADELPHIA	PA	68229	203	WXVU	VILLANOVA	PA	70229	206	266	8.6	38.9
KVNV	SUN VALLEY	NV	172600	206	KNCJ	RENO	NV	78489	208	235	34.5	50.1
KOLU	PASCO	WA	56615	211	KQBC	BENTON CITY	WA	174194	213	301	36.0	57.5
KTYN	THAYNE	WY	93901	220	KUWA	AFTON	WY	83869	217	158	30.5	42.8
WJOG	GOOD HART	MI	121776	217	WTCK	CHARLEVOIX	MI	121256	215	150	0.9	39.9
KAZU	PACIFIC GROVE	CA	43591	212	KNVM	PRUNEDALE	CA	53696	209	48	34.2	39.5
WAGP	BEAUFORT	SC	12534	204	WLXP	SAVANNAH	GA	81997	201	200	34.8	50.4
KTPD	DEL RIO	TX	173346	207	KDLI	DEL RIO	TX	82302	210	275	23.8	36.5
KPHA	MANDAN	ND	172316	219	KXRP	BISMARCK	ND	90269	217	2	2.0	52.5
KXRP	BISMARCK	ND	90269	217	KPHA	MANDAN	ND	172316	219	182	2.0	34.7
KRTU-FM	SAN ANTONIO	TX	68128	219	KZLV	LYTLE	TX	66441	217	183	31.0	55.9
KSPB	RHINELANDER	WI	171922	206	WQMN	MINOCQUA	WI	175345	204	289	12.2	35.6
KRFP	MOSCOW	ID	172586	212	KZUU	PULLMAN	WA	71036	214	291	15.6	34.0
KRFP	MOSCOW	ID	172586	212	KJEM	PULLMAN	WA	171613	210	275	21.1	32.1
KUAO	NORTH OGDEN	UT	122023	204	KNKL	TREMONTON	UT	71394	201	23	36.5	71.4
KLBF	LINCOLN	ND	91457	206	KNRI	BISMARCK	ND	93595	209	6	24.8	35.5
WPOZ	ORLANDO	FL	9876	202	WKTO	EDGEWATER	FL	42684	205	354	47.2	65.8
KMMK	COGGON	IA	171762	204	KXGM	HIAWATHA	IA	85165	206	203	28.7	39.4
KVOD	LAKWOOD	CO	83535	201	KGNU-FM	BOULDER	CO	6512	203	13	29.7	50.8
WLUZ	LEVITTOWN	PR	11620	203	WCRP	GUAYAMA	PR	42685	201	229	28.0	57.9
KSBJ	HUMBLE	TX	35590	207	KUHF	HOUSTON	TX	69150	204	175	34.9	58.8
WRIQ	CHARLES CITY	VA	82970	209	WDCE	RICHMOND	VA	69312	211	290	15.3	26.0
KNKL	TREMONTON	UT	71394	201	KUAO	NORTH OGDEN	UT	122023	204	203	36.5	61.4
KEZF	GRANTS	NM	172582	204	KIDS	GRANTS	NM	93047	201	242	31.4	46.9
KJEM	PULLMAN	WA	171613	210	KUOI-FM	MOSCOW	ID	69362	207	79	18.7	23.0
KJEM	PULLMAN	WA	171613	210	KRFP	MOSCOW	ID	172586	212	94	21.1	24.3
WHYY-FM	PHILADELPHIA	PA	72336	215	WDBK	BLACKWOOD	NJ	8468	218	149	33.3	41.9
WHYY-FM	PHILADELPHIA	PA	72336	215	WSRN-FM	SWARTHMORE	PA	64289	218	213	18.1	37.2
WNCW	SPINDALE	NC	29262	204	WCQS	ASHEVILLE	NC	71923	201	245	38.6	73.1
KLTU	MAMMOTH	AZ	79359	201	KVCC	TUCSON	AZ	81952	203	132	40.6	62.8
KQED-FM	SAN FRANCISCO	CA	35501	203	KCEA	ATHERTON	CA	41168	206	152	33.1	74.9
KXWT	ODESSA	TX	50038	217	KVDG	MIDLAND	TX	91761	215	125	27.0	47.3
KUHF	HOUSTON	TX	69150	204	KFTG	PASADENA	TX	12969	201	66	32.6	88.2
KUHF	HOUSTON	TX	69150	204	KSBJ	HUMBLE	TX	35590	207	358	35.1	90.1

APPENDIX H

FULL SERVICE ALLOTMENT AVAILABILITY FOR SHARPTOWN, MARYLAND

In this report, we show channel reports for the 80 non-reserved FM channels using the the lower minimum distance separation requirements of §73.215 to not only demonstrate that a a full-service allotment does not meet the §73.207 requirements, but there's not even a channel where something can be "squeezed in" using §73.215. Channel reports are centered on the reference coordinates for Sharptown, Maryland.

ComStudy 2.2 search of channel 221 (92.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLBW	FENWICK ISLAND	DE	221	A	52.24	92.00	104.4	-39.8
WKNZ-FM	POCOMOKE CITY	MD	223	A	44.37	25.00	173.8	19.4
WGMD	REHOBOTH BEACH	DE	224	A	48.71	25.00	67.9	23.7
WERQ-FM	BALTIMORE	MD	222	B	120.80	96.00	317.6	24.8
WVLT	VINELAND	NJ	221	A	120.05	92.00	27.4	28.0
WGTS	TAKOMA PARK	MD	220	B	128.91	96.00	288.1	32.9

ComStudy 2.2 search of channel 222 (92.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WERQ-FM	BALTIMORE	MD	222	B	120.80	143.00	317.6	-22.2
WKNZ-FM	POCOMOKE CITY	MD	223	A	44.37	49.00	173.8	-4.6
WLBW	FENWICK ISLAND	DE	221	A	52.24	49.00	104.4	3.2
WGMD	REHOBOTH BEACH	DE	224	A	48.71	25.00	67.9	23.7

ComStudy 2.2 search of channel 223 (92.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKNZ-FM	POCOMOKE CITY	MD	223	A	44.37	92.00	173.8	-47.6
WGMD	REHOBOTH BEACH	DE	224	A	48.71	49.00	67.9	-0.3
WERQ-FM	BALTIMORE	MD	222	B	120.80	96.00	317.6	24.8
WLBW	FENWICK ISLAND	DE	221	A	52.24	25.00	104.4	27.2
WXTU	PHILADELPHIA	PA	223	B	171.44	143.00	13.8	28.4
WDCJ	PRINCE FREDERICK	MD	224	A	77.69	49.00	281.3	28.7

ComStudy 2.2 search of channel 224 (92.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGMD	REHOBOTH BEACH	DE	224	A	48.71	92.00	67.9	-43.3
WDCJ	PRINCE FREDERICK	MD	224	A	77.69	92.00	281.3	-14.3
WKNZ-FM	POCOMOKE CITY	MD	223	A	44.37	49.00	173.8	-4.6
WDCJ	PRINCE FREDERICK	MD	224	A	92.80	92.00	277.9	0.8
WDCJ	PRINCE FREDERICK	MD	224	A	92.67	92.00	277.9	0.7
WDCJ	PRINCE FREDERICK	MD	224	A	92.67	92.00	277.9	0.7
WRDX	SMYRNA	DE	225	A	74.52	49.00	10.2	25.5
WLBW	FENWICK ISLAND	DE	221	A	52.24	25.00	104.4	27.2

ComStudy 2.2 search of channel 225 (92.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.74	63.00	92.6	-26.3
WZBH	MILLSBORO	DE	228	B	36.72	63.00	92.8	-26.3
WRDX	SMYRNA	DE	225	A	74.52	92.00	10.2	-17.5
WGMD	REHOBOTH BEACH	DE	224	A	48.71	49.00	67.9	-0.3
WKNZ-FM	POCOMOKE CITY	MD	223	A	44.37	25.00	173.8	19.4
WPOC	BALTIMORE	MD	226	B	122.22	96.00	313.1	26.2
WDCJ	PRINCE FREDERICK	MD	224	A	77.69	49.00	281.3	28.7

ComStudy 2.2 search of channel 226 (93.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.72	63.00	92.8	-26.3
WZBH	MILLSBORO	DE	228	B	36.74	63.00	92.6	-26.3
WPOC	BALTIMORE	MD	226	B	122.22	143.00	313.1	-20.8
WEZW	WILDWOOD CREST	NJ	226	A	93.38	92.00	57.1	1.4
WNKZ-FM	POCOMOKE CITY	MD	223	A	44.37	25.00	173.8	19.4
WGMD	REHOBOTH BEACH	DE	224	A	48.71	25.00	67.9	23.7
WRDX	SMYRNA	DE	225	A	74.52	49.00	10.2	25.5
WOCQ	BERLIN	MD	280	A	39.30	10.00	116.4	29.3

ComStudy 2.2 search of channel 227 (93.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.74	96.00	92.6	-59.3
WZBH	MILLSBORO	DE	228	B	36.72	96.00	92.8	-59.3
WFLS-FM	FREDERICKSBURG	VA	227	B	152.28	143.00	260.9	9.3
WMMR	PHILADELPHIA	PA	227	B	163.83	143.00	16.6	20.8
WGMD	REHOBOTH BEACH	DE	224	A	48.71	25.00	67.9	23.7
WPOC	SMYRNA	MD	226	B	122.22	96.00	313.1	26.2
WOCQ	BERLIN	MD	280	A	39.30	10.00	116.4	29.3

ComStudy 2.2 search of channel 228 (93.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.72	143.00	92.8	-106.3
WZBH	MILLSBORO	DE	228	B	36.74	143.00	92.6	-106.3

ComStudy 2.2 search of channel 229 (93.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.72	96.00	92.8	-59.3
WZBH	MILLSBORO	DE	228	B	36.74	96.00	92.6	-59.3
WSTW	WILMINGTON	DE	229	B	142.53	143.00	6.5	-0.5
WINX-FM	ST. MICHAELS	MD	232	A	31.07	25.00	288.9	6.1
WKYS	WASHINGTON	DC	230	B	126.49	96.00	291.0	30.5

ComStudy 2.2 search of channel 230 (93.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.74	63.00	92.6	-26.3
WZBH	MILLSBORO	DE	228	B	36.72	63.00	92.8	-26.3
WKYS	WASHINGTON	DC	230	B	126.49	143.00	291.0	-16.5
WINX-FM	ST. MICHAELS	MD	232	A	31.07	25.00	288.9	6.1
WKHI	NEWARK	MD	233	A	45.30	25.00	116.0	20.3
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	15.00	114.4	26.0

ComStudy 2.2 search of channel 231 (94.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZBH	MILLSBORO	DE	228	B	36.72	63.00	92.8	-26.3
WZBH	MILLSBORO	DE	228	B	36.74	63.00	92.6	-26.3
WINX-FM	ST. MICHAELS	MD	232	A	31.07	49.00	288.9	-17.9
WDSD	DOVER	DE	234	B	74.52	63.00	10.2	11.5
WKHI	NEWARK	MD	233	A	45.30	25.00	116.0	20.3
WVSP-FM	YORKTOWN	VA	231	B	164.58	143.00	206.3	21.6
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	15.00	114.4	26.0
WIP-FM	PHILADELPHIA	PA	231	B	171.78	143.00	13.8	28.8
WKYS	WASHINGTON	DC	230	B	126.49	96.00	291.0	30.5

ComStudy 2.2 search of channel 232 (94.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WINX-FM	ST. MICHAELS	MD	232	A	31.07	92.00	288.9	-60.9
WKHI	NEWARK	MD	233	A	45.30	49.00	116.0	-3.7
WDSO	DOVER	DE	234	B	74.52	63.00	10.2	11.5
WKHI	NEWARK	MD	235	A	45.31	25.00	116.0	20.3
WIBG-FM	AVALON	NJ	232	A	118.10	92.00	49.2	26.1
WIBG-FM	AVALON	NJ	232	A	118.11	92.00	49.2	26.1

ComStudy 2.2 search of channel 233 (94.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKHI	NEWARK	MD	233	A	45.30	92.00	116.0	-46.7
WDSO	DOVER	DE	234	B	74.52	96.00	10.2	-21.5
WINX-FM	ST. MICHAELS	MD	232	A	31.07	49.00	288.9	-17.9
WDAC	LANCASTER	PA	233	B	157.07	143.00	343.6	14.1
WKHI	NEWARK	MD	235	A	45.31	25.00	116.0	20.3
WIAD	BETHESDA	MD	234	B	129.30	96.00	291.8	33.3

ComStudy 2.2 search of channel 234 (94.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WDSO	DOVER	DE	234	B	74.52	143.00	10.2	-68.5
WKDB	LAUREL	DE	237	A	6.55	25.00	129.1	-18.5
WIAD	BETHESDA	MD	234	B	129.30	143.00	291.8	-13.7
WKHI	NEWARK	MD	235	A	45.31	49.00	116.0	-3.7
WKHI	NEWARK	MD	233	A	45.30	49.00	116.0	-3.7
WINX-FM	ST. MICHAELS	MD	232	A	31.07	25.00	288.9	6.1
WLSW	SALISBURY	MD	288	A	18.12	10.00	144.8	8.1

ComStudy 2.2 search of channel 235 (94.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKHI	NEWARK	MD	235	A	45.31	92.00	116.0	-46.7
WDSO	DOVER	DE	234	B	74.52	96.00	10.2	-21.5
WKDB	LAUREL	DE	237	A	6.55	25.00	129.1	-18.5
WINX-FM	ST. MICHAELS	MD	232	A	31.07	25.00	288.9	6.1
WLSW	SALISBURY	MD	288	A	18.12	10.00	144.8	8.1
WRBS-FM	BALTIMORE	MD	236	B	114.80	96.00	314.2	18.8
WKHI	NEWARK	MD	233	A	45.30	25.00	116.0	20.3
WIAD	BETHESDA	MD	234	B	129.30	96.00	291.8	33.3

ComStudy 2.2 search of channel 236 (95.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKDB	LAUREL	DE	237	A	6.55	49.00	129.1	-42.5
WRBS-FM	BALTIMORE	MD	236	B	114.80	143.00	314.2	-28.2
WKHI	NEWARK	MD	235	A	45.31	49.00	116.0	-3.7
WAYV	ATLANTIC CITY	NJ	236	B	144.19	143.00	49.2	1.2
WDSO	DOVER	DE	234	B	74.52	63.00	10.2	11.5
WKHI	NEWARK	MD	233	A	45.30	25.00	116.0	20.3
WXDE	LEWES	DE	290	A	45.25	10.00	75.2	35.2

ComStudy 2.2 search of channel 237 (95.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKDB	LAUREL	DE	237	A	6.55	92.00	129.1	-85.5
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	42.00	104.4	10.2
WDSO	DOVER	DE	234	B	74.52	63.00	10.2	11.5
WPGC-FM	MORNINGSIDE	MD	238	B	109.71	96.00	289.5	13.7
WRBS-FM	BALTIMORE	MD	236	B	114.80	96.00	314.2	18.8
WKHI	NEWARK	MD	235	A	45.31	25.00	116.0	20.3
WXDE	LEWES	DE	290	A	45.25	10.00	75.2	35.2

ComStudy 2.2 search of channel 238 (95.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKDB	LAUREL	DE	237	A	6.55	49.00	129.1	-42.5
WPGC-FM	MORNINGSIDE	MD	238	B	109.71	143.00	289.5	-33.3
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	42.00	104.4	10.2
WKHI	NEWARK	MD	235	A	45.31	25.00	116.0	20.3
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	10.00	278.9	22.0

ComStudy 2.2 search of channel 239 (95.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	72.00	104.4	-19.8
WKDB	LAUREL	DE	237	A	6.55	25.00	129.1	-18.5
WPGC-FM	MORNINGSIDE	MD	238	B	109.71	96.00	289.5	13.7
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	10.00	278.9	22.0
WBEN-FM	PHILADELPHIA	PA	239	B	171.51	143.00	13.8	28.5

ComStudy 2.2 search of channel 240 (95.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	119.00	104.4	-66.8
WKDB	LAUREL	DE	237	A	6.55	25.00	129.1	-18.5
WWIN-FM	GLEN BURNIE	MD	240	A	104.24	92.00	315.4	12.2
WCTG	WEST POCOMOKE	MD	243	A	38.16	25.00	174.9	13.2

ComStudy 2.2 search of channel 241 (96.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	72.00	104.4	-19.8
WROX-FM	EXMORE	VA	241	B	144.17	143.00	190.4	1.2
WCTG	WEST POCOMOKE	MD	243	A	38.16	25.00	174.9	13.2
WCEI-FM	EASTON	MD	244	B1	56.44	42.00	325.1	14.4
WSOX	RED LION	PA	241	B	168.69	143.00	334.2	25.7
WHUR-FM	WASHINGTON	DC	242	B	126.73	96.00	291.5	30.7

ComStudy 2.2 search of channel 242 (96.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WHUR-FM	WASHINGTON	DC	242	B	126.73	143.00	291.5	-16.3
WCTG	WEST POCOMOKE	MD	243	A	38.16	49.00	174.9	-10.8
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	42.00	104.4	10.2
WCEI-FM	EASTON	MD	244	B1	56.44	42.00	325.1	14.4
WTDK	FEDERALSBURG	MD	296	A	25.28	10.00	354.7	15.3

ComStudy 2.2 search of channel 243 (96.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WCTG	WEST POCOMOKE	MD	243	A	38.16	92.00	174.9	-53.8
WCEI-FM	EASTON	MD	244	B1	56.44	72.00	325.1	-15.6
WKZP	WEST OCEAN CITY	MD	240	B1	52.24	42.00	104.4	10.2
WTDK	FEDERALSBURG	MD	296	A	25.28	10.00	354.7	15.3
WAVD	OCEAN PINES	MD	246	A	45.31	25.00	116.0	20.3
WTDY-FM	PHILADELPHIA	PA	243	B	171.79	143.00	13.8	28.8
WHUR-FM	WASHINGTON	DC	242	B	126.73	96.00	291.5	30.7

ComStudy 2.2 search of channel 244 (96.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WCEI-FM	EASTON	MD	244	B1	56.44	119.00	325.1	-62.6
WCTG	WEST POCOMOKE	MD	243	A	38.16	49.00	174.9	-10.8
WAVD	OCEAN PINES	MD	246	A	45.31	25.00	116.0	20.3

ComStudy 2.2 search of channel 245 (96.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WCEI-FM	EASTON	MD	244	B1	56.44	72.00	325.1	-15.6
WFAJ	NASSAWADOX	VA	245	B1	113.49	119.00	188.6	-5.5
WKTT	SALISBURY	MD	248	A	21.86	25.00	155.9	-3.1
WAVD	OCEAN PINES	MD	246	A	45.31	49.00	116.0	-3.7
WFPG	ATLANTIC CITY	NJ	245	B	144.19	143.00	49.3	1.2
WCTG	WEST POCOMOKE	MD	243	A	38.16	25.00	174.9	13.2
WGBG-FM	FRUITLAND	MD	299	B1	31.79	12.00	123.3	19.8
WASH	WASHINGTON	DC	246	B	126.73	96.00	291.5	30.7
WLAN-FM	LANCASTER	PA	245	B	179.04	143.00	339.5	36.0

ComStudy 2.2 search of channel 246 (97.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WAVD	OCEAN PINES	MD	246	A	45.31	92.00	116.0	-46.7
WASH	WASHINGTON	DC	246	B	126.73	143.00	291.5	-16.3
WKTT	SALISBURY	MD	248	A	21.86	25.00	155.9	-3.1
WCTG	WEST POCOMOKE	MD	243	A	38.16	25.00	174.9	13.2
WCEI-FM	EASTON	MD	244	B1	56.44	42.00	325.1	14.4
WGBG-FM	FRUITLAND	MD	299	B1	31.79	12.00	123.3	19.8
WAFL	MILFORD	DE	249	A	47.40	25.00	24.8	22.4
WENJ	MILLVILLE	NJ	247	B	119.38	96.00	43.1	23.4

ComStudy 2.2 search of channel 247 (97.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKTT	SALISBURY	MD	248	A	21.86	49.00	155.9	-27.1
WENJ	MILLVILLE	NJ	247	B	119.38	143.00	43.1	-23.6
WAVD	OCEAN PINES	MD	246	A	45.31	49.00	116.0	-3.7
WCEI-FM	EASTON	MD	244	B1	56.44	42.00	325.1	14.4
WAFL	MILFORD	DE	249	A	47.40	25.00	24.8	22.4
WASH	WASHINGTON	DC	246	B	126.73	96.00	291.5	30.7
WBEY-FM	CRISFIELD	MD	250	A	56.82	25.00	182.8	31.8

ComStudy 2.2 search of channel 248 (97.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WKTT	SALISBURY	MD	248	A	21.86	92.00	155.9	-70.1
WAFL	MILFORD	DE	249	A	47.40	49.00	24.8	-1.6
WAVD	OCEAN PINES	MD	246	A	45.31	25.00	116.0	20.3
WENJ	MILLVILLE	NJ	247	B	119.38	96.00	43.1	23.4
WOCM	SELBYVILLE	DE	251	A	52.24	25.00	104.4	27.2
WMDM	LEXINGTON PARK	MD	249	A	78.88	49.00	248.9	29.9
WBEY-FM	CRISFIELD	MD	250	A	56.82	25.00	182.8	31.8
WPEN	BURLINGTON	NJ	248	B	177.37	143.00	14.9	34.4

ComStudy 2.2 search of channel 249 (97.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WAFL	MILFORD	DE	249	A	47.40	92.00	24.8	-44.6
WKTT	SALISBURY	MD	248	A	21.86	49.00	155.9	-27.1
WMDM	LEXINGTON PARK	MD	249	A	78.88	92.00	248.9	-13.1
WBEY-FM	CRISFIELD	MD	250	A	56.82	49.00	182.8	7.8
WAVD	OCEAN PINES	MD	246	A	45.31	25.00	116.0	20.3
WIYY	BALTIMORE	MD	250	B	119.57	96.00	317.9	23.6
WOCM	SELBYVILLE	DE	251	A	52.24	25.00	104.4	27.2

ComStudy 2.2 search of channel 250 (97.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBey-FM	CRISFIELD	MD	250	A	56.82	92.00	182.8	-35.2
WIYY	BALTIMORE	MD	250	B	119.57	143.00	317.9	-23.4
WUSX	SEAFORD	DE	253	A	14.09	25.00	54.9	-10.9
WKTT	SALISBURY	MD	248	A	21.86	25.00	155.9	-3.1
WAFL	MILFORD	DE	249	A	47.40	49.00	24.8	-1.6
WOCM	SELBYVILLE	DE	251	A	52.24	49.00	104.4	3.2
WMDM	LEXINGTON PARK	MD	249	A	78.88	49.00	248.9	29.9

ComStudy 2.2 search of channel 251 (98.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WOCM	SELBYVILLE	DE	251	A	52.24	92.00	104.4	-39.8
WUSX	SEAFORD	DE	253	A	14.09	25.00	54.9	-10.9
WKTT	SALISBURY	MD	248	A	21.86	25.00	155.9	-3.1
WBey-FM	CRISFIELD	MD	250	A	56.82	49.00	182.8	7.8
WAFL	MILFORD	DE	249	A	47.40	25.00	24.8	22.4
WIYY	BALTIMORE	MD	250	B	119.57	96.00	317.9	23.6
WOGL	PHILADELPHIA	PA	251	B	171.78	143.00	13.8	28.8

ComStudy 2.2 search of channel 252 (98.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WUSX	SEAFORD	DE	253	A	14.09	49.00	54.9	-34.9
WSMD-FM	MECHANICSVILLE	MD	252	A	93.22	92.00	261.6	1.2
WSBY-FM	SALISBURY	MD	255	A	27.85	25.00	163.4	2.9
WOCM	SELBYVILLE	DE	251	A	52.24	49.00	104.4	3.2
WHRF	BELLE HAVEN	VA	252	A	95.82	92.00	180.4	3.8
WAFL	MILFORD	DE	249	A	47.40	25.00	24.8	22.4
WTKU-FM	PETERSBURG	NJ	252	A	117.92	92.00	50.8	25.9
WBey-FM	CRISFIELD	MD	250	A	56.82	25.00	182.8	31.8

ComStudy 2.2 search of channel 253 (98.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WUSX	SEAFORD	DE	253	A	14.09	92.00	54.9	-77.9
WSBY-FM	SALISBURY	MD	255	A	27.85	25.00	163.4	2.9
WOCM	SELBYVILLE	DE	251	A	52.24	25.00	104.4	27.2
WBey-FM	CRISFIELD	MD	250	A	56.82	25.00	182.8	31.8
WYCR	YORK-HANOVER	PA	253	B	180.68	143.00	324.5	37.7
WMZQ-FM	WASHINGTON	DC	254	B	134.48	96.00	287.1	38.5

ComStudy 2.2 search of channel 254 (98.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WUSX	SEAFORD	DE	253	A	14.09	49.00	54.9	-34.9
WSBY-FM	SALISBURY	MD	255	A	27.85	49.00	163.4	-21.1
WMZQ-FM	WASHINGTON	DC	254	B	134.48	143.00	287.1	-8.5
WCZT	VILLAS	NJ	254	A	90.26	92.00	54.4	-1.7
WOCM	SELBYVILLE	DE	251	A	52.24	25.00	104.4	27.2

ComStudy 2.2 search of channel 255 (98.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WSBY-FM	SALISBURY	MD	255	A	27.85	92.00	163.4	-64.1
WUSX	SEAFORD	DE	253	A	14.09	25.00	54.9	-10.9
WDCH-FM	BOWIE	MD	256	B	104.04	96.00	301.9	8.0
WGBZ	OCEAN CITY	MD	202	B	41.10	15.00	114.5	26.1
WUSL	PHILADELPHIA	PA	255	B	171.88	143.00	13.6	28.9
WMZQ-FM	WASHINGTON	DC	254	B	134.48	96.00	287.1	38.5

ComStudy 2.2 search of channel 256 (99.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WDCH-FM	BOWIE	MD	256	B	104.04	143.00	301.9	-39.0
WSBY-FM	SALISBURY	MD	255	A	27.85	49.00	163.4	-21.1
WUSX	SEAFORD	DE	253	A	14.09	25.00	54.9	-10.9
WOWZ-FM	ACCOMAC	VA	257	B1	84.48	72.00	173.2	12.5
WGBZ	OCEAN CITY	MD	202	B	41.10	15.00	114.5	26.1

ComStudy 2.2 search of channel 257 (99.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WOWZ-FM	ACCOMAC	VA	257	B1	84.48	119.00	173.2	-34.5
WWFG	OCEAN CITY	MD	260	B	52.24	63.00	104.4	-10.8
WSBY-FM	SALISBURY	MD	255	A	27.85	25.00	163.4	2.9
WDCH-FM	BOWIE	MD	256	B	104.04	96.00	301.9	8.0
WKNZ	HARRINGTON	DE	204	B1	40.83	12.00	17.1	28.8
WKNZ	HARRINGTON	DE	204	B1	40.81	12.00	17.1	28.8
WIHT	WASHINGTON	DC	258	B	129.30	96.00	291.8	33.3

ComStudy 2.2 search of channel 258 (99.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WIHT	WASHINGTON	DC	258	B	129.30	143.00	291.8	-13.7
WWFG	OCEAN CITY	MD	260	B	52.24	63.00	104.4	-10.8
WJBR-FM	WILMINGTON	DE	258	B	144.58	143.00	6.6	1.6
WSBY-FM	SALISBURY	MD	255	A	27.85	25.00	163.4	2.9
WOWZ-FM	ACCOMAC	VA	257	B1	84.48	72.00	173.2	12.5
WKNZ	HARRINGTON	DE	204	B1	40.81	12.00	17.1	28.8
WKNZ	HARRINGTON	DE	204	B1	40.83	12.00	17.1	28.8

ComStudy 2.2 search of channel 259 (99.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WWFG	OCEAN CITY	MD	260	B	52.24	96.00	104.4	-43.8
WIHT	WASHINGTON	DC	258	B	129.30	96.00	291.8	33.3

ComStudy 2.2 search of channel 260 (99.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WWFG	OCEAN CITY	MD	260	B	52.24	143.00	104.4	-90.8

ComStudy 2.2 search of channel 261 (100.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WWFG	OCEAN CITY	MD	260	B	52.24	96.00	104.4	-43.8
WSCL	SALISBURY	MD	208	B	18.33	15.00	40.0	3.3
WSCL	SALISBURY	MD	208	B	18.33	15.00	40.0	3.3
WBIG-FM	WASHINGTON	DC	262	B	134.48	96.00	287.1	38.5

ComStudy 2.2 search of channel 262 (100.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WWFG	OCEAN CITY	MD	260	B	52.24	63.00	104.4	-10.8
WBIG-FM	WASHINGTON	DC	262	B	134.48	143.00	287.1	-8.5
WAAI	HURLOCK	MD	265	A	17.48	25.00	302.4	-7.5
WSCL	SALISBURY	MD	208	B	18.33	15.00	40.0	3.3
WSCL	SALISBURY	MD	208	B	18.33	15.00	40.0	3.3
WRNB	MEDIA	PA	262	B	171.84	143.00	13.6	28.8

ComStudy 2.2 search of channel 263 (100.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WFVG	OCEAN CITY	MD	260	B	52.24	63.00	104.4	-10.8
WAAI	HURLOCK	MD	265	A	17.48	25.00	302.4	-7.5
WZXL	WILDWOOD	NJ	264	B	105.17	96.00	51.5	9.2
WICO-FM	SNOW HILL	MD	266	A	50.00	25.00	136.1	25.0
WBIG-FM	WASHINGTON	DC	262	B	134.48	96.00	287.1	38.5

ComStudy 2.2 search of channel 264 (100.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZXL	WILDWOOD	NJ	264	B	105.17	143.00	51.5	-37.8
WAAI	HURLOCK	MD	265	A	17.48	49.00	302.4	-31.5
WZBA	WESTMINSTER	MD	264	B	136.31	143.00	318.1	-6.7
WCHK-FM	MILFORD	DE	267	A	40.61	25.00	30.2	15.6
WICO-FM	SNOW HILL	MD	266	A	50.00	25.00	136.1	25.0

ComStudy 2.2 search of channel 265 (100.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WAAI	HURLOCK	MD	265	A	17.48	92.00	302.4	-74.5
WICO-FM	SNOW HILL	MD	266	A	50.00	49.00	136.1	1.0
WDIH	SALISBURY	MD	212	A	17.81	10.00	145.9	7.8
WZXL	WILDWOOD	NJ	264	B	105.17	96.00	51.5	9.2
WCHK-FM	MILFORD	DE	267	A	40.61	25.00	30.2	15.6
WWDC	WASHINGTON	DC	266	B	126.99	96.00	294.2	31.0

ComStudy 2.2 search of channel 266 (101.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WICO-FM	SNOW HILL	MD	266	A	50.00	92.00	136.1	-42.0
WAAI	HURLOCK	MD	265	A	17.48	49.00	302.4	-31.5
WWDC	WASHINGTON	DC	266	B	126.99	143.00	294.2	-16.0
WCHK-FM	MILFORD	DE	267	A	40.61	49.00	30.2	-8.4
WDIH	SALISBURY	MD	212	A	17.81	10.00	145.9	7.8
WZEB	OCEAN VIEW	DE	269	A	36.72	25.00	92.8	11.7
WBEB	PHILADELPHIA	PA	266	B	171.44	143.00	13.8	28.4

ComStudy 2.2 search of channel 267 (101.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WCHK-FM	MILFORD	DE	267	A	40.61	92.00	30.2	-51.4
WAAI	HURLOCK	MD	265	A	17.48	25.00	302.4	-7.5
WICO-FM	SNOW HILL	MD	266	A	50.00	49.00	136.1	1.0
WZEB	OCEAN VIEW	DE	269	A	36.72	25.00	92.8	11.7
WVES	CHINCOTEAGUE	VA	268	A	74.76	49.00	157.0	25.8
WWDC	WASHINGTON	DC	266	B	126.99	96.00	294.2	31.0
WSDL	OCEAN CITY	MD	214	B1	48.21	12.00	95.0	36.2

ComStudy 2.2 search of channel 268 (101.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WVES	CHINCOTEAGUE	VA	268	A	74.76	92.00	157.0	-17.2
WZEB	OCEAN VIEW	DE	269	A	36.72	49.00	92.8	-12.3
WCHK-FM	MILFORD	DE	267	A	40.61	49.00	30.2	-8.4
WAAI	HURLOCK	MD	265	A	17.48	25.00	302.4	-7.5
WBQB	FREDERICKSBURG	VA	268	B	148.10	143.00	261.5	5.1
WICO-FM	SNOW HILL	MD	266	A	50.00	25.00	136.1	25.0
WSDL	OCEAN CITY	MD	214	B1	48.21	12.00	95.0	36.2

ComStudy 2.2 search of channel 269 (101.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZEB	OCEAN VIEW	DE	269	A	36.72	92.00	92.8	-55.3
WDEL-FM	CANTON	NJ	269	A	104.31	92.00	18.3	12.3
WCHK-FM	MILFORD	DE	267	A	40.61	25.00	30.2	15.6
WKWI	KILMARNOCK	VA	269	A	108.13	92.00	213.1	16.1
WLIF	BALTIMORE	MD	270	B	121.43	96.00	323.8	25.4
WICO-FM	SNOW HILL	MD	266	A	50.00	25.00	136.1	25.0
WVES	CHINCOTEAGUE	VA	268	A	74.76	49.00	157.0	25.8

ComStudy 2.2 search of channel 270 (101.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLIF	BALTIMORE	MD	270	B	121.43	143.00	323.8	-21.6
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	63.00	173.2	-15.2
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	63.00	173.2	-15.1
WZEB	OCEAN VIEW	DE	269	A	36.72	49.00	92.8	-12.3
WCHK-FM	MILFORD	DE	267	A	40.61	25.00	30.2	15.6
WESM	PRINCESS ANNE	MD	217	B	36.79	15.00	175.0	21.8

ComStudy 2.2 search of channel 271 (102.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	63.00	173.2	-15.1
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	63.00	173.2	-15.2
WZEB	OCEAN VIEW	DE	269	A	36.72	25.00	92.8	11.7
WESM	PRINCESS ANNE	MD	217	B	36.79	15.00	175.0	21.8
WLIF	BALTIMORE	MD	270	B	121.43	96.00	323.8	25.4
WIOQ	PHILADELPHIA	PA	271	B	171.88	143.00	13.6	28.9

ComStudy 2.2 search of channel 272 (102.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	96.00	173.2	-48.2
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	96.00	173.2	-48.1
WAIV	CAPE MAY	NJ	272	A	93.38	92.00	57.1	1.4
WZEB	OCEAN VIEW	DE	269	A	36.72	25.00	92.8	11.7
WMMJ	BETHESDA	MD	272	A	127.22	92.00	290.7	35.2

ComStudy 2.2 search of channel 273 (102.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	143.00	173.2	-95.2
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	143.00	173.2	-95.1
WQSR	BALTIMORE	MD	274	B	128.50	96.00	317.4	32.5
WRNR-FM	GRASONVILLE	MD	276	A	59.99	25.00	318.5	35.0

ComStudy 2.2 search of channel 274 (102.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	96.00	173.2	-48.1
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	96.00	173.2	-48.2
WQSR	BALTIMORE	MD	274	B	128.50	143.00	317.4	-14.5
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	63.00	178.0	28.4
WKIK-FM	CALIFORNIA	MD	275	A	80.54	49.00	256.4	31.5
WRNR-FM	GRASONVILLE	MD	276	A	59.99	25.00	318.5	35.0

ComStudy 2.2 search of channel 275 (102.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	63.00	173.2	-15.2
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	63.00	173.2	-15.1
WKIK-FM	CALIFORNIA	MD	275	A	80.54	92.00	256.4	-11.5
WRNR-FM	GRASONVILLE	MD	276	A	59.99	49.00	318.5	11.0
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	25.00	85.9	27.7
WMGK	PHILADELPHIA	PA	275	B	171.51	143.00	13.8	28.5
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	63.00	178.0	28.4
WQSR	BALTIMORE	MD	274	B	128.50	96.00	317.4	32.5

ComStudy 2.2 search of channel 276 (103.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WRNR-FM	GRASONVILLE	MD	276	A	59.99	92.00	318.5	-32.0
WBOC-FM	PRINCESS ANNE	MD	273	B	47.79	63.00	173.2	-15.2
WBOC-FM	PRINCESS ANNE	MD	273	B	47.91	63.00	173.2	-15.1
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	96.00	178.0	-4.6
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	25.00	85.9	27.7
WKIK-FM	CALIFORNIA	MD	275	A	80.54	49.00	256.4	31.5
WNKZ-FM	POCOMOKE CITY	MD	223	A	44.37	10.00	173.8	34.4

ComStudy 2.2 search of channel 277 (103.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	143.00	178.0	-51.6
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	49.00	85.9	3.7
WRNR-FM	GRASONVILLE	MD	276	A	59.99	49.00	318.5	11.0
WOCQ	BERLIN	MD	280	A	39.30	25.00	116.4	14.3
WTOP-FM	WASHINGTON	DC	278	B	127.22	96.00	290.7	31.2
WNKZ-FM	POCOMOKE CITY	MD	223	A	44.37	10.00	173.8	34.4
WGMD	REHOBOTH BEACH	DE	224	A	48.71	10.00	67.9	38.7
WARM-FM	YORK	PA	277	B	181.71	143.00	335.6	38.7

ComStudy 2.2 search of channel 278 (103.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	92.00	85.9	-39.3
WTOP-FM	WASHINGTON	DC	278	B	127.22	143.00	290.7	-15.8
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	96.00	178.0	-4.6
WOCQ	BERLIN	MD	280	A	39.30	25.00	116.4	14.3
WXCY-FM	HAVRE DE GRACE	MD	279	B	118.41	96.00	343.9	22.4
WRNR-FM	GRASONVILLE	MD	276	A	59.99	25.00	318.5	35.0
WPRS-FM	WALDORF	MD	281	B	98.41	63.00	275.4	35.4
WGMD	REHOBOTH BEACH	DE	224	A	48.71	10.00	67.9	38.7

ComStudy 2.2 search of channel 279 (103.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WXCY-FM	HAVRE DE GRACE	MD	279	B	118.41	143.00	343.9	-24.6
WOCQ	BERLIN	MD	280	A	39.30	49.00	116.4	-9.7
WMGM	ATLANTIC CITY	NJ	279	B	140.83	143.00	47.5	-2.2
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	49.00	85.9	3.7
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	63.00	178.0	28.4
WTOP-FM	WASHINGTON	DC	278	B	127.22	96.00	290.7	31.2
WRNR-FM	GRASONVILLE	MD	276	A	59.99	25.00	318.5	35.0
WPRS-FM	WALDORF	MD	281	B	98.41	63.00	275.4	35.4

ComStudy 2.2 search of channel 280 (103.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WOCQ	BERLIN	MD	280	A	39.30	92.00	116.4	-52.7
WPRS-FM	WALDORF	MD	281	B	98.41	96.00	275.4	2.4
WXCY-FM	HAVRE DE GRACE	MD	279	B	118.41	96.00	343.9	22.4
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	25.00	85.9	27.7
WESR-FM	ONLEY-ONANCOCK	VA	277	B	91.42	63.00	178.0	28.4

ComStudy 2.2 search of channel 281 (104.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WPRS-FM	WALDORF	MD	281	B	98.41	143.00	275.4	-44.6
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	63.00	114.4	-22.0
WOCQ	BERLIN	MD	280	A	39.30	49.00	116.4	-9.7
WZBH	MILLSBORO	DE	228	B	36.74	15.00	92.6	21.7
WZBH	MILLSBORO	DE	228	B	36.72	15.00	92.8	21.7
WZFT	BALTIMORE	MD	282	B	119.63	96.00	318.0	23.6
WJKI-FM	BETHANY BEACH	DE	278	A	52.69	25.00	85.9	27.7

ComStudy 2.2 search of channel 282 (104.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WZFT	BALTIMORE	MD	282	B	119.63	143.00	318.0	-23.4
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	63.00	114.4	-22.0
WPRS-FM	WALDORF	MD	281	B	98.41	96.00	275.4	2.4
WOCQ	BERLIN	MD	280	A	39.30	25.00	116.4	14.3
WZBH	MILLSBORO	DE	228	B	36.72	15.00	92.8	21.7
WZBH	MILLSBORO	DE	228	B	36.74	15.00	92.6	21.7

ComStudy 2.2 search of channel 283 (104.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	96.00	114.4	-55.0
WOCQ	BERLIN	MD	280	A	39.30	25.00	116.4	14.3
WZFT	BALTIMORE	MD	282	B	119.63	96.00	318.0	23.6
WRFF	PHILADELPHIA	PA	283	B	171.72	143.00	13.7	28.7
WNVZ	NORFOLK	VA	283	B	174.61	143.00	197.4	31.6
WPRS-FM	WALDORF	MD	281	B	98.41	63.00	275.4	35.4

ComStudy 2.2 search of channel 284 (104.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	143.00	114.4	-102.0
WPRS-FM	WALDORF	MD	281	B	98.41	63.00	275.4	35.4

ComStudy 2.2 search of channel 285 (104.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	96.00	114.4	-55.0
WLSW	SALISBURY	MD	288	A	18.12	25.00	144.8	-6.9
WIGO-FM	WHITE STONE	VA	285	A	108.13	92.00	213.1	16.1
WINX-FM	ST. MICHAELS	MD	232	A	31.07	10.00	288.9	21.1
WSJO	EGG HARBOR CITY	NJ	285	B1	145.73	119.00	39.5	26.7
WAVA-FM	ARLINGTON	VA	286	B	128.91	96.00	288.1	32.9

ComStudy 2.2 search of channel 286 (105.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	63.00	114.4	-22.0
WAVA-FM	ARLINGTON	VA	286	B	128.91	143.00	288.1	-14.1
WLSW	SALISBURY	MD	288	A	18.12	25.00	144.8	-6.9
WINX-FM	ST. MICHAELS	MD	232	A	31.07	10.00	288.9	21.1
WKHI	NEWARK	MD	233	A	45.30	10.00	116.0	35.3

ComStudy 2.2 search of channel 287 (105.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLSW	SALISBURY	MD	288	A	18.12	49.00	144.8	-30.9
WQHQ	OCEAN CITY-SALISBURY	MD	284	B	41.00	63.00	114.4	-22.0
WXDE	LEWES	DE	290	A	45.25	25.00	75.2	20.2
WDAS-FM	PHILADELPHIA	PA	287	B	171.72	143.00	13.7	28.7
WAVA-FM	ARLINGTON	VA	286	B	128.91	96.00	288.1	32.9
WKHI	NEWARK	MD	233	A	45.30	10.00	116.0	35.3

ComStudy 2.2 search of channel 288 (105.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLSW	SALISBURY	MD	288	A	18.12	92.00	144.8	-73.9
WNJH	CAPE MAY COURT HOUSE	NJ	288	A	101.31	92.00	49.7	9.3
WJZ-FM	CATONSVILLE	MD	289	B	112.87	96.00	320.8	16.9
WXDE	LEWES	DE	290	A	45.25	25.00	75.2	20.2
WRAR-FM	TAPPAHANNOCK	VA	288	A	115.15	92.00	230.2	23.2
WBBX	POCOMOKE CITY	MD	291	A	53.86	25.00	162.9	28.9
WBBX	POCOMOKE CITY	MD	291	A	59.34	25.00	164.1	34.3
WKHI	NEWARK	MD	235	A	45.31	10.00	116.0	35.3

ComStudy 2.2 search of channel 289 (105.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLSW	SALISBURY	MD	288	A	18.12	49.00	144.8	-30.9
WJZ-FM	CATONSVILLE	MD	289	B	112.87	143.00	320.8	-30.1
WXDE	LEWES	DE	290	A	45.25	49.00	75.2	-3.8
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	25.00	278.9	7.0
WBBX	POCOMOKE CITY	MD	291	A	53.86	25.00	162.9	28.9
WBBX	POCOMOKE CITY	MD	291	A	59.34	25.00	164.1	34.3
WKHI	NEWARK	MD	235	A	45.31	10.00	116.0	35.3
WMAL-FM	WOODBRIDGE	VA	290	B	135.99	96.00	286.4	40.0
WQXA-FM	YORK	PA	289	B	182.51	143.00	332.9	39.5

ComStudy 2.2 search of channel 290 (105.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WXDE	LEWES	DE	290	A	45.25	92.00	75.2	-46.8
WMAL-FM	WOODBRIDGE	VA	290	B	135.99	143.00	286.4	-7.0
WLSW	SALISBURY	MD	288	A	18.12	25.00	144.8	-6.9
WKDB	LAUREL	DE	237	A	6.55	10.00	129.1	-3.5
WBBX	POCOMOKE CITY	MD	291	A	53.86	49.00	162.9	4.9
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	25.00	278.9	7.0
WBBX	POCOMOKE CITY	MD	291	A	59.34	49.00	164.1	10.3
WJZ-FM	CATONSVILLE	MD	289	B	112.87	96.00	320.8	16.9

ComStudy 2.2 search of channel 291 (106.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WBBX	POCOMOKE CITY	MD	291	A	53.86	92.00	162.9	-38.1
WBBX	POCOMOKE CITY	MD	291	A	59.34	92.00	164.1	-32.7
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	49.00	278.9	-17.0
WLSW	SALISBURY	MD	288	A	18.12	25.00	144.8	-6.9
WKDB	LAUREL	DE	237	A	6.55	10.00	129.1	-3.5
WXDE	LEWES	DE	290	A	45.25	49.00	75.2	-3.8
WISX	PHILADELPHIA	PA	291	B	177.39	143.00	14.9	34.4
WMAL-FM	WOODBRIDGE	VA	290	B	135.99	96.00	286.4	40.0

ComStudy 2.2 search of channel 292 (106.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	92.00	278.9	-60.0
WBBX	POCOMOKE CITY	MD	291	A	53.86	49.00	162.9	4.9
WBBX	POCOMOKE CITY	MD	291	A	59.34	49.00	164.1	10.3
WJSE	NORTH CAPE MAY	NJ	292	A	104.00	92.00	50.6	12.0
WXDE	LEWES	DE	290	A	45.25	25.00	75.2	20.2
WWMX	BALTIMORE	MD	293	B	119.57	96.00	317.9	23.6
WYPO	OCEAN CITY	MD	295	A	51.34	25.00	117.3	26.3

ComStudy 2.2 search of channel 293 (106.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WWMX	BALTIMORE	MD	293	B	119.57	143.00	317.9	-23.4
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	49.00	278.9	-17.0
WTDK	FEDERALSBURG	MD	296	A	25.28	25.00	354.7	0.3
WXDE	LEWES	DE	290	A	45.25	25.00	75.2	20.2
WYPO	OCEAN CITY	MD	295	A	51.34	25.00	117.3	26.3
WBBX	POCOMOKE CITY	MD	291	A	53.86	25.00	162.9	28.9
WBBX	POCOMOKE CITY	MD	291	A	59.34	25.00	164.1	34.3

ComStudy 2.2 search of channel 294 (106.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WJFK-FM	MANASSAS	VA	294	B	136.01	143.00	286.4	-7.0
WTDK	FEDERALSBURG	MD	296	A	25.28	25.00	354.7	0.3
WYPO	OCEAN CITY	MD	295	A	51.34	49.00	117.3	2.3
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	25.00	278.9	7.0
WWMX	BALTIMORE	MD	293	B	119.57	96.00	317.9	23.6
WBBX	POCOMOKE CITY	MD	291	A	53.86	25.00	162.9	28.9
WBBX	POCOMOKE CITY	MD	291	A	59.34	25.00	164.1	34.3

ComStudy 2.2 search of channel 295 (106.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WYPO	OCEAN CITY	MD	295	A	51.34	92.00	117.3	-40.7
WTDK	FEDERALSBURG	MD	296	A	25.28	49.00	354.7	-23.7
WCEM-FM	CAMBRIDGE	MD	292	A	31.96	25.00	278.9	7.0
WAFX	SUFFOLK	VA	295	C	213.45	203.00	205.6	10.5
WKVP	CAMDEN	NJ	295	B	161.09	143.00	19.1	18.1

ComStudy 2.2 search of channel 296 (107.1 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WTDK	FEDERALSBURG	MD	296	A	25.28	92.00	354.7	-66.7
WGBG-FM	FRUITLAND	MD	299	B1	31.79	42.00	123.3	-10.2
WYPO	OCEAN CITY	MD	295	A	51.34	49.00	117.3	2.3
WCTG	WEST POCOMOKE	MD	243	A	38.16	10.00	174.9	28.2
WLVW	WASHINGTON	DC	297	B	126.73	96.00	291.5	30.7

ComStudy 2.2 search of channel 297 (107.3 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WTDK	FEDERALSBURG	MD	296	A	25.28	49.00	354.7	-23.7
WLVW	WASHINGTON	DC	297	B	126.73	143.00	291.5	-16.3
WGBG-FM	FRUITLAND	MD	299	B1	31.79	42.00	123.3	-10.2
WPUR	ATLANTIC CITY	NJ	297	B1	144.19	119.00	49.3	25.2
WYPO	OCEAN CITY	MD	295	A	51.34	25.00	117.3	26.3
WCTG	WEST POCOMOKE	MD	243	A	38.16	10.00	174.9	28.2
WLZL	COLLEGE PARK	MD	300	B	95.91	63.00	302.2	32.9

ComStudy 2.2 search of channel 298 (107.5 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGBG-FM	FRUITLAND	MD	299	B1	31.79	72.00	123.3	-40.2
WTDK	FEDERALSBURG	MD	296	A	25.28	25.00	354.7	0.3
WNNT-FM	WARSAW	VA	298	A	112.01	92.00	234.0	20.0
WYPO	OCEAN CITY	MD	295	A	51.34	25.00	117.3	26.3
WLVW	WASHINGTON	DC	297	B	126.73	96.00	291.5	30.7
WLZL	COLLEGE PARK	MD	300	B	95.91	63.00	302.2	32.9

ComStudy 2.2 search of channel 299 (107.7 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGBG-FM	FRUITLAND	MD	299	B1	31.79	119.00	123.3	-87.2
WLZL	COLLEGE PARK	MD	300	B	95.91	96.00	302.2	-0.1
WTDK	FEDERALSBURG	MD	296	A	25.28	25.00	354.7	0.3
WAVD	OCEAN PINES	MD	246	A	45.31	10.00	116.0	35.3
WGTY	GETTYSBURG	PA	299	B	180.64	143.00	324.5	37.6

ComStudy 2.2 search of channel 300 (107.9 MHz Class A) at 38-32-25.6 N, 75-43-09.2 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WLZL	COLLEGE PARK	MD	300	B	95.91	143.00	302.2	-47.1
WGBG-FM	FRUITLAND	MD	299	B1	31.79	72.00	123.3	-40.2
WAVD	OCEAN PINES	MD	246	A	45.31	10.00	116.0	35.3