

TECHNICAL STATEMENT
GREENVILLE, VIRGINIA, CHANNEL 217A
RISING TIDE BROADCASTING, INC.
SCHEDULE 340
JANUARY 2022

This Technical Statement is prepared on behalf of Rising Tide Broadcasting, Inc. (“RTB”). RTB is amending its pending application for a new NCE FM service at Waynesboro, Virginia, application number 0000167388, facility ID 767736. This amendment is a technical solution to eliminate overlap in MX group 49 attachments A in DA 21-1475 released November 29, 2021. This amendment will allow the RTB application in the MX group to become a singleton application. RTB is now proposing a new FM station on channel 217A for Greenville, Virginia, with 0.18 Kilowatts (180 watts) Effective Radiated Power (“ERP”), circular polarized antenna system and a Center of Radiation height of 590 Meters Above Mean Sea Level. The antenna will also be located 6.5 Meters Above Average Terrain with a non-directional antenna system.

This new operation should be considered a “minor change” under current Commission rules as it is a first adjacent class A channel from which was originally proposed. It will also have prohibited contour overlap with the original proposal. A new community of license is being proposed at Greenville, Virginia.

The new operation was evaluated for compliance with all of the Commission technical rules and regulations for new Non-Commercial FM broadcast stations.

Compliance with Section 73.509 in regards to interference to other stations was determined as follows:

Figure 1 – Channel Interference Study. Shows compliance with interference contours towards other stations.

Figure 2 – Detailed contour study with the pending application at on Ch. 218B at Lake Monticello, VA, application # 0000165581, facility ID 764203.

Figure 3 – Predicted 60 dbμ primary coverage contour for compliance with community coverage.

Figure 4 – Prohibitive contour overlap map with the original proposal at Waynesboro, VA on channel 218A.

The application was determined to meet or exceed all of the technical requirements for a new FM Non-Commercial Station set for by the Commission.

FIGURE 1 - DETAILED INTERFERENCE STUDY

GREENVILLE, VA, CH. 217A

REFERENCE CH# 217A - 91.3 MHZ, Pwr= 0.18 kW, HAAT= 6.5 M, COR= 590 M
 37 59 22.85 N. Average Protected F(50-50)= 6.53 km
 79 10 56.96 W. Omni-directional

DISPLAY DATES
 DATA 01-27-22
 SEARCH 01-27-22

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
218A Waynesboro	767736	APP _CN VA	84.8 265.0	26.11 0000167388	38 00 38.10 78 53 10.70	0.008 293	736	---Reference---		
216B1 Charlottesville	WTJU	LIC _CN VA	90.6 271.0	61.37 BLED20121120AAA	37 58 55.50 78 29 02.00	1.500 325	47.4 493	31.8	0.8	10.3
217C3 Salem	WPAR	LIC DCN VA	223.9 43.5	94.82 BLED19931015KB	37 22 23.40 79 55 36.10	3.300 270	79.7 686	27.8	5.4	35.9
214B Harrisonburg	WMRA	LIC _CN VA	17.6 197.7	66.92 BLED19950105KE	38 33 50.40 78 56 59.10	10.500 318	5.5 852	56.7	50.2	9.3
218A Lexington	WLUR	LIC _CN VA	227.1 46.9	31.72 BLED20060309ACD	37 47 42.40 79 26 48.10	0.175 -51	9.3 353	6.5	12.0	12.1
218B Lake Monticello	764203	APP ZCN VA	118.9 299.4	82.63 0000165581	37 37 41.50 78 21 43.80	46.700 83	55.6 201	31.4	17.0	37.5
215B Clifton Forge	WVRI	LIC DCN VA	260.9 80.5	61.35 BLED20110228AAJ	37 54 02.40 79 52 17.10	1.000 561	0.9 1179	30.6	50.0	29.7
219A Harrisonburg	WEMC	LIC _CN VA	26.0 206.1	59.67 BLED20160427ABC	38 28 20.40 78 52 56.00	4.600 56	2.7 504	28.1	44.7	30.5
220A Charlottesville	WNRN	CP ZCN VA	90.6 271.0	61.37 0000151248	37 58 55.51 78 29 02.04	0.560 325	1.6 493	25.3	46.5	34.8
220A Charlottesville	WNRN	LIC NCN VA	90.6 271.0	61.37 BLED19970121KB	37 58 55.50 78 29 02.00	0.320 325	1.3 493	22.2	46.9	37.9
217B Culpeper	WARN	LIC DCN VA	54.1 235.0	144.24 BLED20160531AAC	38 44 27.50 77 50 09.10	13.500 161	82.5 323	28.6	47.4	67.7
219A Rustburg	WEQP	LIC _CN VA	174.1 354.1	78.58 BLED20071210ABQ	37 17 07.50 79 05 25.00	1.150 228	2.1 464	29.4	66.9	48.3
215A Lynchburg	WQLU	LIC _CN VA	179.0 359.0	71.07 0000127053	37 20 57.80 79 10 04.80	0.100 184	0.7 425	14.7	60.4	55.3
270A Ruckersville	WHE-FM«	LIC _CN VA	58.4 238.8	66.68 BLH19930607KB	38 18 05.50 78 31 56.00	6.000 68	90.7 456	67.5	9.5R	57.2M
270A Iron Gate	WJVR«	LIC _CN VA	251.9 71.4	69.51 BLH20121018AAA	37 47 35.40 79 55 58.10	0.560 322	90.7 876	67.5	9.5R	60.0M
217A Farmville	WMLU	LIC _CN VA	137.7 318.2	103.64 BLED20190910AAC	37 17 50.30 78 23 40.20	0.500 22	28.5 148	8.5	67.8	73.3
216A Elkins	768080	APP DCN WV	326.8 146.3	117.65 0000167748	38 52 22.20 79 55 39.40	0.450 357	40.6 1071	26.7	70.6	80.6
220A Hillsboro	WVMR-FM	LIC DCN WV	284.5 103.9	91.64 BLED20101012AAH	38 11 30.40 80 11 43.20	0.550 -11	1.6 930	16.8	81.6	73.0
217A Summersville	WSJE	LIC _CN WV	288.3 107.4	134.78 BLED20110315AAV	38 21 38.90 80 38 49.70	0.240 250	52.2 954	16.3	74.6	94.6
218A Strasburg	767321	APP DCN VA	30.5 210.9	126.21 0000167720	38 57 59.00 78 26 31.00	2.000 15	33.7 359	21.6	79.5	89.5
216C2 Danville	WOKD-FM	LIC DCN VA	187.4 7.3	139.65 BLED20000331ABX	36 44 30.40 79 23 06.00	18.000 142	49.0 353	32.5	80.1	93.0
218A Woodstock	767583	APP _CN VA	30.4 210.8	114.77 0000166250	38 52 42.00 78 30 38.00	3.000 -94	19.5 268	13.2	82.2	89.0
220A Elkins	WBHZ	LIC _CN WV	326.7 146.3	117.54 BLED19990107KB	38 52 18.40 79 55 38.30	0.275 341	1.2 1057	23.2	109.9	92.5
218A Strasburg	766643	APP DCN VA	34.2 214.7	130.88 0000167366	38 57 37.20 78 19 51.60	0.045 387	21.4 656	13.9	96.1	101.5
216C1 Bluefield	WPIB	LIC DCN WV	245.8 64.5	194.04 BLED20020717AAA	37 15 26.40 81 10 42.30	12.000 361	84.5 1146	56.9	98.8	120.9

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2	
										IN (Overlap	*OUT* in km)
217A Waynesboro	767736	APP _01 VA		9.0 0.0	0.00	37 59 22.85 79 10 56.96	50.000 150		590	---Reference---	01-27-22
214C3 Blacksburg	WUVT-FM	LIC _CN VA		232.4 51.6	145.26 BLED20090814AAL	37 11 12.50 80 28 53.00	6.500 131	2.9 739	30.4 Virginia Polytechnic Insti	131.5	109.3
218C Chapel Hill	WUNC	LIC DCN NC		179.6 359.7	235.61 BLED19951213KA	35 51 59.50 79 09 59.00	100.000 415	114.9 564	77.5 Wunc Public Radio, LLC	110.6	148.6
216A Winchester	WTRM	LIC DCN VA		27.2 207.7	149.58 BLED20160531AAB	39 11 02.30 78 23 14.00	0.075 440	25.9 812	16.1 American Family Associatio	111.1	119.7
218A Deer Park	768113	APP _CN MD		356.7 176.7	157.93 0000167471	39 24 36.20 79 17 15.80	1.550 203	38.4 961	26.0 Broadcast Educational Comm	111.2	121.7
219B1 Spotsylvania	767399	APP DCN VA		84.7 265.7	146.52 0000166756	38 06 00.20 77 31 08.90	25.000 88	3.5 161	33.8 Priority Radio, Inc.	129.5	111.4
215A Rocky Mount	768519	CP DCN VA		208.5 28.1	130.30 0000167397	36 57 25.00 79 53 00.00	1.000 56	1.4 402	14.0 Lifestyle Health Education	118.3	113.5
215A Woodlake broadcasting, In	768387	APP DCN VA		112.1 293.0	141.02 0000166858	37 30 16.80 77 42 13.00	0.872 252	1.6 331	25.0 Redeemer	128.1	114.4
219A Spotsylvania	766728	APP _CN VA		81.0 261.9	133.73 0000167280	38 10 05.25 77 40 30.11	5.000 61	1.6 151	15.5 Calvary Baptist Church Of	118.6	115.2
216A Buckhannon	763501	APP _CN WV		321.1 140.4	138.38 0000166169	38 57 12.30 80 11 18.20	0.950 62	14.0 591	10.0 Art26201, Inc.	117.9	119.0
217A Petersburg	WVST-FM	LIC DVN VA		117.7 298.8	176.97 BLED19981104KB	37 14 15.50 77 24 53.90	2.200 51	48.3 87	12.3 Virginia State University	118.1	142.5
219B Beckley	WVBY	LIC DCN WV		266.8 85.7	159.13 0000149597	37 53 46.40 80 59 20.30	14.000 284	3.3 1002	32.5 west Virginia Educational	145.8	118.5
218A Rock Cave	768444	APP DCN WV		309.7 129.0	133.17 0000167786	38 44 54.00 80 21 47.00	1.600 115	6.7 670	4.7 Araiza Revival Ministries,	119.9	119.1
220A Danville	768545	APP _CN VA		184.4 4.3	148.58 0000167347	36 39 17.00 79 18 34.20	6.000 100	2.4 279	24.5 La Ft L Aumon Np	135.8	121.9
220C2 Halifax	764201	APP ZCN VA		171.0 351.1	141.18 0000165574	36 43 59.20 78 56 02.00	27.000 102	1.6 234	16.9 Solid Foundation Broadcast	130.2	122.7
217C2 Winston-Salem	WXRI	LIC DCN NC		210.0 29.2	236.99 BLED19970501KA	36 08 06.50 80 30 13.20	50.000 66	99.8 317	26.7 Positive Alternative Radio	126.6	180.2
216C2 Weston	768190	APP DCN WV		306.8 125.9	161.87 0000167264	38 51 04.00 80 40 41.00	5.000 180	26.4 516	17.6 Light Of Life Community In	129.0	131.3
216A Glennville	767019	APP _CN WV		307.8 126.8	177.44 0000167780	38 57 23.60 80 48 06.10	6.000 8	42.0 411	25.3 Araiza Revival Ministries,	130.2	137.3
219B1 Fredericksburg	768418	APP DCN VA		80.7 261.7	149.21 0000166860	38 11 41.30 77 30 05.20	8.970 56	1.8 118	17.6 Redeemer Broadcasting, Inc	133.8	130.6
220C3 Danville	762614	APP DCN VA		185.6 5.5	155.03 0000166378	36 35 57.50 79 21 05.90	25.000 34	2.3 204	22.7 Pathway Christian Academy,	142.3	131.5
220B1 Frostburg	WFWM	LIC NCN MD		7.8 188.0	178.45 BLED20180625ABG	39 34 54.30 78 53 52.00	1.300 434	2.4 913	44.1 Frostburg State University	166.0	131.8
218A Dublin	WPIN-FM	LIC _EN VA		232.6 51.6	174.85 BLED20011108AAB	37 01 29.40 80 44 45.20	0.085 379	30.8 1032	20.4 Positive Alternative Radio	133.2	140.7
215A Midlothian	767732	APP DCN VA		110.4 291.4	149.06 0000167404	37 30 45.60 77 36 04.80	0.050 54	0.5 120	5.6 Rising Tide Broadcasting,	137.1	141.7
271B Richmond	WRXL«	LIC _CN VA		105.4 286.4	152.62 BLH19920608KG	37 36 52.50 77 30 54.90	20.000 241	90.7 301	67.5 Audacy License, LLC	14.5R	138.1M
216A Highland Springs	WHCE	LIC _HN VA		106.5 287.6	171.25 BMLED20070914AAN	37 32 18.50 77 19 25.90	3.000 32	19.5 70	13.2 Henrico County Schools	139.7	148.7
215A Kenbridge	DWPEX	APP _CN VA		140.7 321.3	153.77 BLED19940415KZ	36 54 52.50 78 05 10.00	1.000 62	1.6 178	11.2 Seaview Communications Inc	145.2	140.3
215B Morgantown	WVPM	LIC _CN WV		345.4 165.0	195.98 BMLED20030417ABX	39 41 45.30 79 45 44.20	5.000 439	4.2 921	50.1 west Virginia Educational	185.1	144.9
270A South Hill	AL3575«	RSV-A ____ VA		148.2 328.8	157.56 RM10592	36 46 48.51 78 15 03.00	6.000 100	90.7 217	67.5 From CDBS	9.5R	148.1M

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217A Waynesboro	767736	APP _01 VA		9.0 0.0	0.00	37 59 22.85 79 10 56.96	50.000 150		590	---Reference--- 01-27-22 01-27-22		
217B Pittsburgh	WYEP-FM	APP DCN PA		345.6 165.1	280.23 0000162758	40 25 52.00 80 00 24.10	30.000 135	120.2 444	42.4 Pittsburgh	153.5 Community	215.6 Broad	
217B Athens	WOUB-FM	LIC _CN OH		300.7 118.8	297.22 BLED20020517ABA	39 18 52.30 82 08 58.50	50.000 150	136.2 401	50.4 Ohio University	154.2	223.9	
270A South Hill	WFSK-FM«	LIC ZEN VA		146.6 327.2	165.18 BLH20040526ABK	36 44 39.50 78 09 41.00	6.000 96	90.7 199	67.5 Lakes Media, LLC	9.5R	155.7M	
217B1 Pittsburgh	WYEP-FM	LIC _CN PA		346.8 166.3	276.55 BLED19830420AP	40 24 42.20 79 55 52.20	18.000 116	111.5 436	40.0 Pittsburgh	158.4 Community	211.8 Broad	
220B Takoma Park	WGTS	LIC _CN MD		60.0 241.3	205.15 BMLED20070501AAA	38 53 30.40 77 07 53.90	23.500 186	4.7 252	44.2 Atlantic Gateway	186.2 Communica	159.7	
214C2 Durham	WNCU	LIC DCN NC		174.5 354.7	215.19 BLED19950601KZ	36 03 33.50 78 57 13.00	50.000 132	4.6 268	43.3 North Carolina	200.8 Central Uni	169.7	
216A Harrisville	767159	APP DCN WV		310.5 129.3	210.76 0000166844	39 12 18.20 81 02 28.30	5.000 88	32.8 367	22.0 Ritchie	171.4 Progress Alliance,	179.1	
218B Baltimore	WBJC	LIC DCN MD		53.1 234.6	263.71 BLED20101109ABJ	39 23 11.40 76 43 50.90	50.000 152	77.7 289	52.0 Baltimore City	171.8 Community C	189.9	
217A Fairview	768188	APP DCN WV		24.5 205.1	203.84 0000167514	39 39 20.90 78 11 44.20	0.050 22	6.5 252	2.1 Light Of Life	185.0 Community In	174.4	
219A Morgantown	WWVU-FM	LIC DCN WV		340.4 159.9	194.33 BLED19931210KF	39 38 09.30 79 56 37.20	2.600 55	1.6 440	12.6 West Virginia	186.2 University B	175.9	
271C0 Reidsville	WJMH«	LIC _CN NC		199.6 19.2	201.75 BMLH20010731ACA	36 16 33.50 79 56 25.10	100.000 367	90.7 600	67.5 Audacity License, LLC	24.5R	177.3M	
215B1 Charleston	WXAF	LIC DCN WV		279.7 98.3	208.47 BLED20140225ABC	38 16 58.40 81 31 52.40	4.000 205	2.6 512	27.8 Shofar Broadcasting	196.8 Corpor	177.3	
220C2 Marion	WVTR	LIC DCN VA		234.3 53.0	233.04 BLED19911030KA	36 44 52.40 81 18 14.30	4.500 454	3.6 1355	54.0 Virginia Tech	218.5 Foundation,	178.0	
270B Morgantown	WVAQ«	LIC _CN WV		339.1 158.6	192.74 BLH19810417AI	39 36 30.20 79 59 06.20	50.000 152	90.7 535	67.5 West Virginia	14.5R Radio Corpor	178.2M	
218B Yorktown	WYCS	LIC _CN VA		109.6 291.3	248.67 BLED20140429AKP	37 12 34.00 76 32 34.00	13.500 146	57.0 149	37.8 David Ingles Ministries, I	180.0	201.1	
215A Flat Rock	764320	APP _CN NC		216.6 35.8	194.15 0000167684	36 34 47.00 80 28 42.60	0.750 -13	1.6 482	9.5 Delmarva Educational Assoc	182.3	183.8	
216B1 Bedford	WUFR/WCOX	APP DCN PA		11.6 192.0	260.93 0000158926	40 17 24.00 78 33 45.40	4.000 398	67.7 985	44.6 Family Life Ministries, In	182.6	205.6	
218A Somerset	763660	APP DCN PA		2.3 182.4	230.80 0000165605	40 04 01.20 79 04 20.80	6.000 97	38.0 751	25.9 Central Pennsylvania Chris	183.5	193.5	
219A Hagerstown	WZXH	LIC DCN MD		37.7 218.7	208.11 BLED20090415ABL	39 27 39.30 77 41 56.90	0.900 129	1.8 300	23.2 Four Rivers Community Broa	192.7	184.0	
216B Bedford	WCOX	LIC DVN PA		11.4 191.8	261.23 BMLED20131114AKD	40 17 40.20 78 34 24.00	2.500 372	65.4 968	42.9 Family Life Ministries, In	185.2	208.4	
215B1 Williamsburg	WCWM	LIC DCN VA		109.5 290.8	205.11 BLED20041022ACN	37 21 16.50 76 59 56.90	13.500 82	1.6 100	12.9 The College Of William & M	191.9	188.2	
216A Roanoke Rapids	WVRP	LIC _CN NC		140.8 321.7	216.72 BLED20000508AAF	36 28 08.50 77 39 00.90	2.000 21	17.4 75	12.0 Liberty University, Inc.	192.3	195.4	
215A Mount Airy	767246	APP _CN NC		218.1 37.3	204.48 0000166862	36 32 04.00 80 35 47.00	1.400 -4	1.6 416	11.0 Gospel Broadcasting, Inc.	192.7	192.5	
215A Pilot Mountain	768030	APP DCN NC		214.3 33.5	210.14 0000166639	36 25 14.10 80 30 27.10	1.290 74	1.6 420	12.3 Forsyth Community Radio, I	198.1	196.8	
218A Middlebourne	WRSB	LIC _CN WV		319.3 138.2	225.85 BMLED20150112AAI	39 30 59.20 80 53 59.30	0.900 48	21.1 332	14.1 Tyler County Board Of Educ	198.3	200.9	
214A Pineville	768904	CP DCN WV		262.9 81.3	219.37 0000167531	37 43 08.20 81 39 05.90	0.150 313	0.9 871	17.2 Montgomery Media	208.2	199.5	
215A Greensboro	WQFS	LIC _CN NC		196.8 16.4	219.53 BLED19811228AG	36 05 39.40 79 53 20.10	1.900 61	1.7 314	16.7 Guilford College	207.1	201.5	

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217A Waynesboro	767736	APP _01 VA		9.0 0.0	0.00	37 59 22.85 79 10 56.96	50.000 150		590	---Reference--- 01-27-22 01-27-22	
219B1 Mount Pleasant	763776	APP ZCN PA		355.0 174.9	241.37 0000167554	40 09 19.80 79 25 42.30	0.900 267	1.6 739	20.9 Calvary Chapel	231.6 Of	215.6 Westmore
220A California	WCAL	LIC _CN PA		345.0 164.5	236.81 BLED20190503AAS	40 02 50.80 79 54 11.70	2.500 54	1.9 381	19.4 The Student Association, I	228.3	215.8
214A Ripley	WLKV	LIC _CN WV		293.2 111.6	239.40 BLED20160216ABJ	38 48 29.70 81 43 04.60	2.500 88	2.0 328	22.0 Educational Media Foundati	229.9	216.3
216B1 Norfolk	WNSB	LIC _CN VA		117.8 299.5	281.94 BLED19980603KA	36 46 32.50 76 23 09.80	8.100 132	51.7 133	34.0 Norfolk State University B	219.7	238.6
219C1 Ahoskie	WBKU	LIC DCN NC		139.6 320.8	273.89 BMLLED20170309AAU	36 05 45.60 77 12 28.90	61.500 131	6.0 147	52.4 American Family Associatio	260.6	220.5
218A Hurricane	WPJW	LIC DCN WV		282.4 100.7	253.13 BLED20090410AAI	38 26 41.30 82 00 53.50	3.000 92	22.0 324	14.9 Positive Alternative Radio	222.4	226.7
220A Belpre	WLKP	LIC ZCN OH		307.6 126.1	251.59 BLED20060410ACA	39 20 46.30 81 29 54.40	5.200 99	2.4 331	24.7 Educational Media Foundati	242.6	224.6
219A Lexington Park	768338	APP _CN MD		82.7 264.4	241.19 0000167735	38 14 00.20 76 26 58.60	1.200 65	1.6 72	14.4 Iglesia De Evangelization	226.0	225.5
216A Welcome	WUNW-FM	LIC DEN NC		201.4 20.8	250.70 BLED20131125BDQ	35 53 01.50 80 12 04.20	0.180 54	9.5 299	6.6 Wunc Public Radio, LLC	230.4	229.3
270B Logan	WVOW-FM«	LIC _EN WV		267.4 85.7	245.67 BLH20061019ADY	37 51 24.40 81 58 17.40	15.000 253	90.7 643	67.5 Logan Broadcasting Corp.	14.5R	231.2M
215C2 Rocky Mount	WRQM	LIC _CN NC		151.7 332.6	273.71 BLED20060406ACR	35 48 40.60 77 44 31.90	7.500 191	3.8 220	39.3 Wunc Public Radio, LLC	262.7	233.5
216B1 Ashland	WKAO	LIC DCN KY		280.6 98.7	285.96 BLED20100521ADU	38 25 11.30 82 24 05.50	7.000 108	39.7 317	25.9 Positive Alternative Radio	237.3	247.4
216A Gettysburg	WZBT	LIC _CN PA		38.8 220.1	266.69 BLED20080922ADT	39 50 29.30 77 13 24.90	0.350 36	14.7 213	10.5 Gettysburg College	238.2	240.0
214C3 Emory	WEHC	LIC DCN VA		240.7 59.1	271.54 BLED20091014AEW	36 46 01.40 81 50 17.40	8.700 114	2.4 765	23.9 Emory & Henry College	258.2	240.0
219A Greensburg	763682	APP DCN PA		356.3 176.2	260.77 0000167465	40 20 01.10 79 22 44.30	6.000 17	1.6 397	15.8 Central Pennsylvania Chris	250.8	240.7
219A Trappe	762627	APP DCN MD		77.2 259.1	272.49 0000167290	38 29 27.30 76 08 08.00	23.800 50	2.7 51	26.3 Historic Oxford, Limited	256.2	243.6
219A Washington	WNJR	LIC DCN PA		339.3 158.7	254.79 0000098825	40 07 52.20 80 14 29.80	0.400 123	0.4 483	8.9 Washington & Jefferson Col	247.8	244.6
271B1 Marietta	WRVB«	LIC _CN OH		305.7 124.2	259.18 BMLH20060531ANV	39 19 27.30 81 37 32.50	11.000 150	90.7 384	67.5 Ihm Licenses, LLC	11.5R	247.7M
214A Nanty Glo	WPAI	LIC _VN PA		6.5 186.8	281.23 BMLLED20190419AAE	40 30 20.30 78 48 11.10	2.100 147	2.4 744	29.3 Educational Media Foundati	268.8	250.2
220A Wheeling	WPHP	LIC _HN WV		331.7 150.8	263.50 BLED19830103AF	40 04 07.20 80 39 03.20	0.100 79	0.7 396	8.2 Ohio County Board Of Educa	256.3	253.2
218A West Liberty	WGLZ	LIC _CN WV		333.6 152.7	270.78 BLED19900911KF	40 09 49.20 80 36 05.20	0.150 65	8.9 388	6.2 West Liberty State College	255.3	254.6
220A Proctorville	WHKU	APP NCN OH		280.7 98.7	285.55 0000177586	38 25 17.00 82 23 47.00	3.500 128	2.6 336	27.9 Educational Media Foundati	274.0	255.7
214B Cape Charles	WZLV	LIC DCN VA		106.6 288.6	298.20 BLED20120203ABZ	37 10 53.50 75 57 45.80	47.000 156	4.1 157	41.1 Educational Media Foundati	282.0	256.0
220A Proctorville	WHKU	CP _CN OH		280.6 98.6	285.95 0000115221	38 25 10.40 82 24 05.30	3.800 116	2.6 324	27.5 Educational Media Foundati	274.4	256.5
214A Martins Ferry	WDWC	LIC _CN OH		328.8 147.8	271.63 BMLLED20130610AAH	40 04 08.20 80 50 10.20	0.075 98	0.6 427	10.9 Light Of Life Community, I	264.5	259.1
215A Wilkesboro	WSIF	LIC _CN NC		221.4 40.2	271.96 BLED20030605ADH	36 08 12.40 81 11 01.30	1.000 -52	1.6 358	10.2 Isothermal Community colle	260.1	259.4
220A Proctorville	WHKU	LIC _CN OH		281.3 99.3	287.97 BLED19860409KB	38 27 14.30 82 25 04.60	3.000 91	2.3 312	24.3 Educational Media Foundati	276.8	261.6

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 5 *IN* (Overlap in km)	*OUT*
217A Waynesboro	767736	APP _01 VA		9.0 0.0	0.00	37 59 22.85 79 10 56.96	50.000 150		---Reference--- 01-27-22		01-27-22
220A Eastville	WHRE	LIC NCN VA		102.8 284.8	294.35 BLED20110608ABW	37 21 32.50 75 56 29.80	4.400 118	2.7 120	28.6 Hampton Roads	279.2	264.8 Educational
214A Spring Grove	WZXY	LIC DCN PA		42.1 223.5	284.13 BLED20130701AAI	39 51 47.30 76 56 59.90	0.160 225	0.9 401	17.1 Four Rivers Community Broa	269.3	265.9
219A Cambridge	766326	APP DCN MD		75.2 257.2	296.52 0000166550	38 37 31.40 75 53 22.90	1.900 110	2.1 118	23.2 Priority Radio, Inc.	280.8	272.3
214B1 Fort Gay	WFGH	LIC _CN WV		274.1 92.0	299.77 BLED1458	38 07 58.30 82 35 36.50	7.800 62	1.9 303	19.1 Wayne County Board Of Educ	288.3	279.0

Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 1, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: WV Quiet Zone

FIGURE 2 - CONTOUR STUDY WITH WTJU CH. 216B1
GREENVILLE, VA, CH. 217A

FMCommander Single Allocation Study - 01-27-2022 - GLOBE 30 Sec
767736.A's Overlaps (In= 0.77 km, Out= 10.35 km)

767736.A CH 217 A

Lat= 37 59 22.85, Lng= 79 10 56.96

0.18 kW 6.5 m HAAT, 590 m COR

Prot.= 60 dBu, Intef.= 54 dBu

WTJU CH 216 B1 BLED20121120AAA

Lat= 37 58 55.50, Lng= 78 29 02.00

1.5 kW 325 m HAAT, 493 m COR

Prot.= 60 dBu, Intef.= 54 dBu

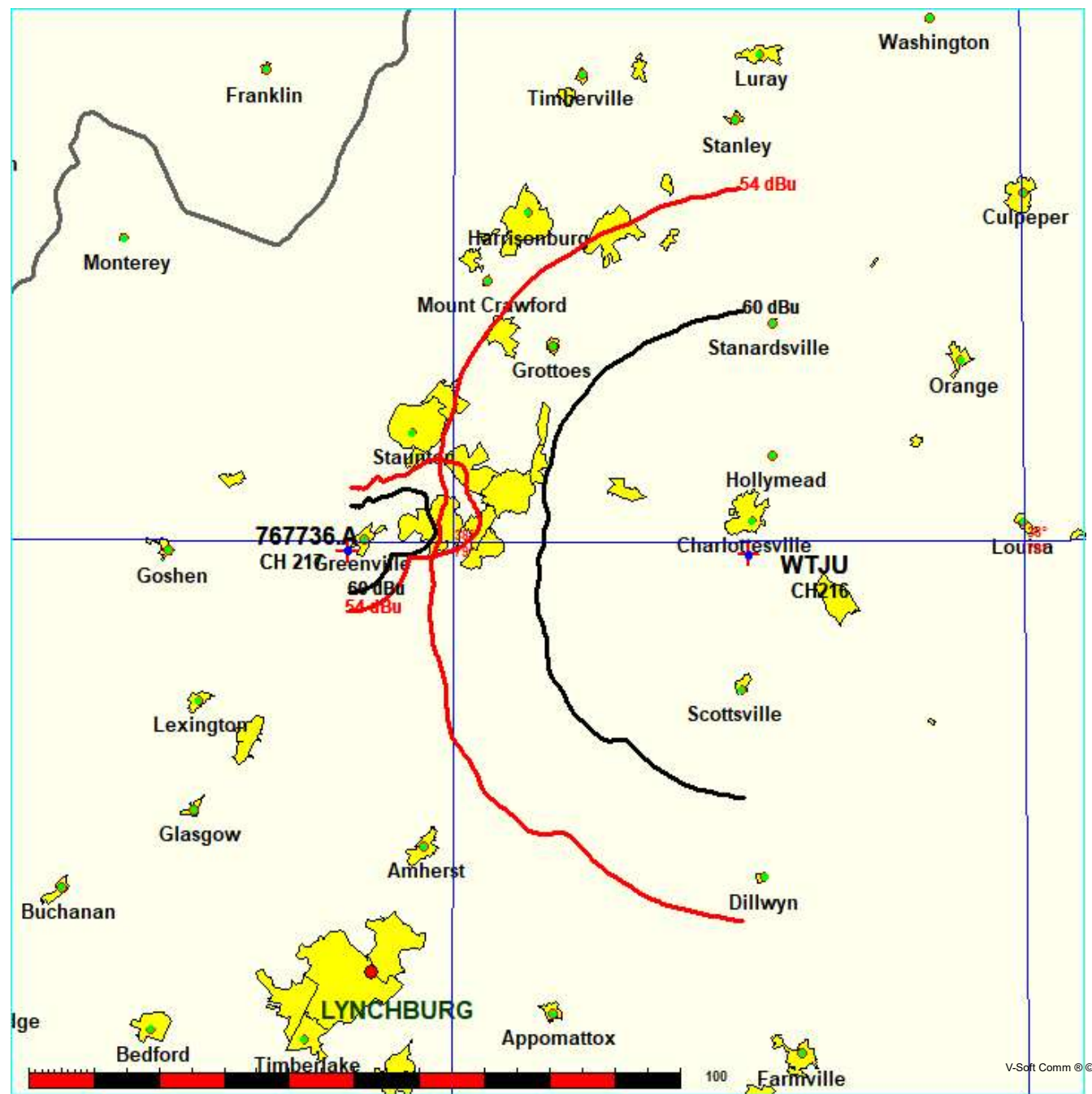


FIGURE 3 - PREDICTED 60 DBU
GREENVILLE, VA, CH. 217A

Coverage Study - GLOBE 30 Sec
01-27-2022

767736 CH217 A , 0.18 kW, 6.5m HAAT, 590.0m COR AMSL
Service Contour = 60 dBu.

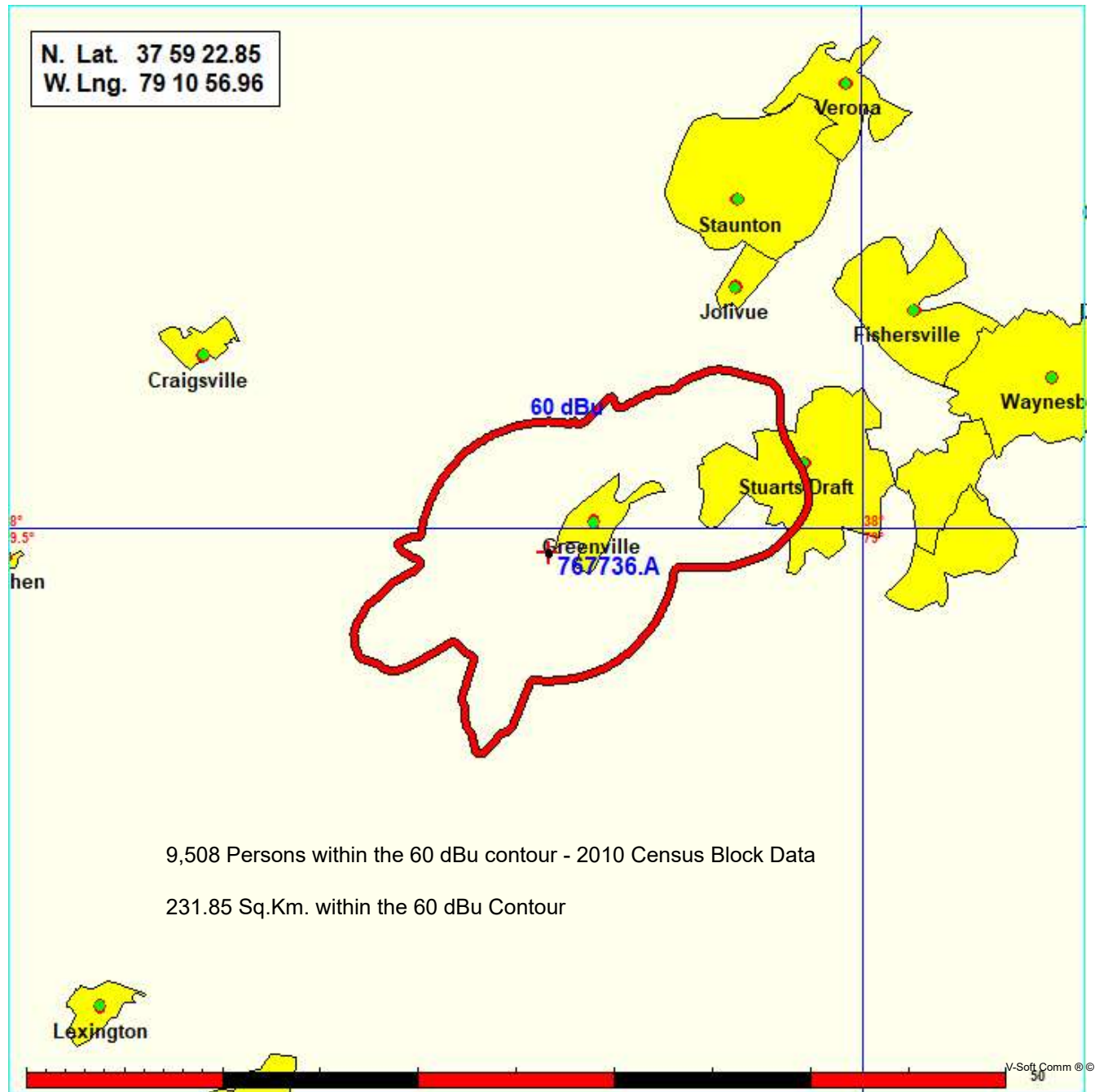


FIGURE 4 - OVERLAP WITH CURRENT APP. AT WAYNESBORO
GREENVILLE, VA, CH. 217A

FMCommander Single Allocation Study - 01-27-2022 - GLOBE 30 Sec
767736.A's Overlaps (In= -0.95 km, Out= -3.73 km)

767736.A CH 217 A

Lat= 37 59 22.85, Lng= 79 10 56.96

0.18 kW 6.5 m HAAT, 590 m COR

Prot.= 60 dBu, Intef.= 54 dBu

767736 CH 218 A 0000167388

Lat= 38 00 38.10, Lng= 78 53 10.70

0.008 kW 293.4 m HAAT, 736 m COR

Prot.= 60 dBu, Intef.= 54 dBu

