

Exhibit B-16
WOZN-FM 254CØ Greensboro, North Carolina
Allocation Study

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class CØ stations as prescribed in §73.207 of the Commission's Rules, with the exception of short-spacings to WIST 252A Thomasville and WTFM 253C Kingsport.

WOZN operates as a §73.213(a) "pre-1964" grandfathered short-spaced station with respect to second-adjacent-channel WIST. Per §73.213(a)(4) of the Commission's Rules, there are no longer any distance separation or interference protection requirements between second- and third-adjacent-channel stations which have been short-spaced since prior to November 16, 1964. Therefore, the WOZN short-spacing to WIST is moot.

Operation pursuant to §73.215 of the Commission's Rules is requested with respect to first-adjacent-channel station WTFM. The attached map exhibit demonstrates that grant of the instant proposal will not result in the creation of prohibited contour overlap with WTFM, presuming WTFM operation with its licensed height, power, and directional antenna pattern.

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SEARCH PARAMETERS

FM Database Date: 030507

Channel: 254C0 98.7 MHz
 Latitude: 35 56 42
 Longitude: 79 51 45
 Safety Zone: 32 km
 Job Title: WOZN GREENSBORO

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WBRF LIC	GALAX VA	BLH-910423KA	251C 98.1	100.000 535.0	36-33-34 80-49-25	308.7	110.05 5.05	105 CLOSE
NEW-T APP	CARY NC	BNPFT-030317LJA	252D 98.3	0.010 158.0	35-47-17 78-43-13	99.3	104.62 0.00	0 TRANS
WIST-FM LIC	THOMASVILLE NC	BLH-880804LH	252A 98.3	1.700 128.0	35-57-41 80- 2-13	276.7	15.84 -70.16	86 SHORT
NOTE: 73.213(A) FACILITY WITH RESPECT TO WOZN								
NEW CP	WADESBORO NC	BNPL-010614AGH	252L1 98.3	0.020 55.0	34-57-55 80- 4-35	190.1	110.42 26.42	84 CLEAR
NEW-T APP	CARY NC	BNPFT-030317LJK	253D 98.5	0.010 158.0	35-47-17 78-43-13	99.3	104.62 0.00	0 TRANS
NEW-T APP	CARY NC	BNPFT-030314BZX	253D 98.5	0.010 162.0	35-47-13 78-43-38	99.4	104.03 0.00	0 TRANS
NEW-T APP	CREEDMOOR NC	BNPFT-030314AQC	253D 98.5	0.170 44.0	36- 2-49 78-41-27	83.5	106.25 0.00	0 TRANS
NEW-T APP	HOPE MILLS NC	BNPFT-030314CBY	253D 98.5	0.020 98.0	34-59-51 78-55-49	141.0	134.94 0.00	0 TRANS
NEW-T APP	LAKE DALE NC	BNPFT-030317EGK	253D 98.5	0.120 49.0	35- 0-39 78-51-47	138.6	137.73 0.00	0 TRANS
NEW-T APP	RALEIGH NC	BNPFT-030317LYH	253D 98.5	0.080 87.0	35-46-19 78-38-19	99.5	112.20 0.00	0 TRANS
NEW-T APP	RALEIGH NC	BNPFT-030314BRX	253D 98.5	0.050 98.0	35-46- 2 78-43-50	100.6	104.13 0.00	0 TRANS
WSAY-FM LIC	ROCKY MOUNT NC	BLH-951122KA	253C3 98.5	16.000 125.0	35-54-43 77-50- 6	90.6	183.01 20.01	163 CLEAR
WSAY-FM LIC	ROCKY MOUNT NC	BLH-951122KA	253C3 98.5	16.000 125.0	35-54-43 77-50- 6	90.6	183.01 20.01	163 CLEAR
NEW-T APP	CHESTER SC	BNPFT-030317LCY	253D 98.5	0.010 129.0	34-43- 4 81-12- 3	222.0	182.60 0.00	0 TRANS

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Page 2

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WBZF LIC	HARTSVILLE SC	BLH-021101ABO	253A 98.5	6.000 100.0	34-27-54 80- 5-45	187.4 SS	165.56 13.56	152 CLEAR
WTFM LIC	KINGSPORT TN	BLH-950213KA	253C 98.5	74.000 683.0	36-25-54 82- 8-15	285.5 SS	211.64 -8.36	220 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 207 KM								
NEW-T APP	BELMONT NC	BNPFT-030310AIS	254D 98.7	0.080 58.0	35-16-10 80-55-12	232.2	121.65 0.00	0 TRANS
WA2XKB LIC	CHARLOTTE NC	BLEX-971002KZ	254A 98.7	0.080 86.0	35-11-34 80-45-48	224.5 SS	116.77 0.00	0 EXP
WA2XKB LIC	CHARLOTTE NC	BLEX-971002KA	254A 98.7	0.080 41.0	35-16-18 80-50-19	230.0 SS	115.77 0.00	0 EXP
WA2XKB LIC	CHARLOTTE NC	BLEX-971002KY	254A 98.7	0.080 66.0	35-11-33 80-53-13	228.2 SS	124.88 0.00	0 EXP
WOZN LIC	GREENSBORO NC	BLH-890126KF	254C 98.7	100.000 316.0	35-58- 9 79-49-29	51.7	4.34 -276.66	281 SHORT
WOZN CP	GREENSBORO NC	BPH-020905ABG	254C0 98.7	100.000 327.0	35-56-42 79-51-45	0.0 SS	0.00 -270.00	270 SHORT
NEW-T APP	GREENVILLE NC	BNPFT-030317KFO	254D 98.7	0.020 91.0	35-34-15 77-22-49	99.8	228.30 0.00	0 TRANS
NEW-T APP	HICKORY NC	BNPFT-030317MBI	254D 98.7	0.010 117.0	35-46-11 81-15-26	261.6	127.47 0.00	0 TRANS
WKOaux CP	JACKSONVILLE NC	BXPH-000510AAL	254C1 98.7	4.800 88.0	34-29-41 77-29-19	126.1	269.44 0.00	0 AUX
WKO LIC	JACKSONVILLE NC	BLH-990401KE	254C1 98.7	100.000 297.0	34-29-41 77-29-19	126.1	269.44 10.44	259 CLEAR

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NEW-T APP	LOUISBURG NC	BNPFT-030314AQH	254D 98.7	0.250 62.0	36- 7-22 78-17-45	81.6	142.57 0.00	0 TRANS
NEW-T APP	WINTERVILLE NC	BNPFT-030317MGU	254D 98.7	0.100 26.0	35-32- 6 77-25- 6	101.0	225.73 0.00	0 TRANS
NEW-T APP	CAMDEN SC	BNPFT-030310ABL	254D 98.7	0.010 160.0	34-10-12 80-42-29	201.5	211.49 0.00	0 TRANS
W254AH LIC	FARMVILLE VA	BLFT-960521TB	254D 98.7	0.010 107.0	37-23-57 78-19-52	39.7	211.61 0.00	0 TRANS
NEW-T APP	BECKLEY WV	BNPFT-030314BQS	254D 98.7	0.010 230.0	37-47-23 81-11-34	330.4	236.60 0.00	0 TRANS
NEW-T APP	FUQUAY-VARINA NC	BNPFT-030313AIX	255D 98.9	0.030 84.0	35-35-46 78-45-18	110.9	107.37 0.00	0 TRANS
W255AL LIC	GOLDSBORO NC	BLFT-001220ADE	255D 98.9	0.170 46.0	35-24-33 77-59-15	108.8	179.86 0.00	0 TRANS
NEW-T APP	INDIAN TRAILS NC	BNPFT-030310AEJ	255D 98.9	0.010 109.0	35- 6-52 80-36-46	216.5	114.55 0.00	0 TRANS
W255AM LIC	RALEIGH NC	BLFT-001213AFJ	255D 98.9	0.010 114.0	35-50-45 78-38-36	95.4	110.62 0.00	0 TRANS
NEW-T APP	ROCK HILL SC	BNPFT-030317ALQ	255D 98.9	0.120 66.0	34-56-42 81- 2-24	224.2	154.07 0.00	0 TRANS
WSPA-FM LIC	SPARTANBURG SC	BLH-991026ACQ	255C 98.9	100.000 580.0	35-10-11 82-17-28	249.3	236.40 16.40	220 CLEAR
WSKS DEL	SOUTH HILL VA	RM-10592	255C3 98.9	0.000 0.0	36-44-39 78- 9-42	59.2	176.57 13.57	163 CLEAR
WSHV LIC	SOUTH HILL VA	BLH-950119KC	255C3 98.9	15.000 95.0	36-44-39 78- 9-42	59.2 SS	176.57 13.57	163 CLEAR
NEW-T APP	CHARLOTTE NC	BNPFT-030317IGJ	256D 99.1	0.010 192.0	35-15- 5 80-41-12	224.3	107.24 0.00	0 TRANS

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W256AH LIC	CREEDMOOR NC	BLFT-001103ABY	256D 99.1	0.050 57.0	36- 8-25 78-42-45	77.8	105.88 0.00	0 TRANS
NEW-T APP	MORRISVILLE NC	BNPFT-030317JHC	256D 99.1	0.020 89.0	35-52-44 78-50-57	94.3	91.76 0.00	0 TRANS
NEW-T APP	CHARLOTTE NC	BNPFT-030317IGF	257D 99.3	0.010 192.0	35-15- 5 80-41-12	224.3	107.24 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 254 44444

