



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN AMENDMENT TO
A PENDING DISPLACEMENT APPLICATION
FILE No. 0000052973
WBMA-LD - BIRMINGHAM, ALABAMA
DTV - CH. 32 - 15 kW - 247 m HAAT**

Prepared for: WBMA LICENSEE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, No. 7418, and in New York State, No. 63418.

GENERAL

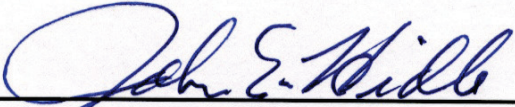
This office has been authorized by WBMA LICENSEE, LLC, licensee of WBMA-LD, channel 40, facility ID number 60214, licensed to Birmingham, Alabama, to prepare this statement in support of an amendment to WBMA-LD's pending displacement application, file number 0000052973. The instant amendment is intended only to resolve a mutual exclusive condition defined at MX Group 18, by herein formally accepting interference that is predicted to be caused to 2.16% of WBMA-LD's viewer population by W50BO's pending application, file number 0000054790, and four other authorized facilities. No other changes are proposed in the instant amendment and all other aspects remain valid. Please see Appendix A which contains the results of a study using tvstudy which shows the predicted interference landscape for WBMA-LD relative to other relevant facilities. WBMA-LD is predicted to cause no impermissible interference to any other relevant facility.

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SUMMARY

It is submitted that the instant amendment to WBMA-LD's pending application, file number 0000052973, within which the applicant formally agrees to accept interference that is predicted to be caused to 2.16% of its viewer population by a pending application and four other authorized facilities, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement and attachments were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: January 24, 2019



John E. Hidle, P.E.





WBMA - BIRMINGHAM, ALABAMA

Longley-Rice Interference Analysis

Appendix A

January 2019

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WBMA 32 Birmingham AL After MX, Model: Longley-Rice
Start: 2019.01.11 09:21:58

Study created: 2019.01.11 09:21:58

Study build station data: LMS TV 2019-01-10 #248

Proposal: WBMA-LD D32 LD APP *P BIRMINGHAM, AL
File number: BLANK0000052973
Facility ID: 60214
Station data: LMS TV 2019-01-10 #248
Record ID: 25076f916383e2fc0163b6d1bcf97da9
Country: U.S.

Build options:
Protect baseline records from LPTV

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WQMK-LD	N18+	TX	LIC	CUSSETA, AL	BLTTL20100527ABG	157.8 km
No	W25AD	N25z	TX	LIC	COLUMBUS, MS	BLTT20031126AOI	141.0
No	WAXC-LD	D31	LD	LIC	ALEXANDER CITY, AL	BLDTL20110329ABN	103.4
No	WSFG-LD	D31	LD	CP	BERRY, AL	BLANK0000029418	68.8
No	WWHL-LD	D31-	LD	APP	Huntsville, AL	BLANK0000064108	140.0
No	WWHL-LD	D31-	LD	LIC	Huntsville, AL	BLANK0000059648	129.2
No	WNCB	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	143.9
No	WPCH-TV	D31	DT	CP	ATLANTA, GA	BLANK0000025264	239.0
No	WGBC	D31	DT	APP	MERIDIAN, MS	BLANK0000035926	209.3
No	WGBC	D31	DT	LIC	MERIDIAN, MS	BLCDDT20071024AAK	209.3
Yes	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ	103.4
No	WAAO-LD	D32	LD	CP	ANDALUSIA, AL	BLANK0000053714	236.7
Yes	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	73.7
Yes	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	147.6
Yes	W32EQ-D	D32	LD	CP	TUSCALOOSA, AL	BLANK0000010947	115.3
No	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	404.2
No	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	236.2
No	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	291.9
No	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054736	289.6
No	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	169.0
No	W32DU-D	D32	LD	LIC	Columbus, GA	BLDTL20140226AGL	167.2
No	W11DD-D	D32	LD	CP	HARTWELL & ROYSTON, GA	BLANK0000053811	376.8
No	W32ET-D	D32	LD	CP	AUBURN, MS	BNPDTL20100510AGA	185.6
No	WLOX	D32	DT	LIC	BILOXI, MS	BLANK0000059502	366.7
No	WABG-TV	D32	DT	LIC	GREENWOOD, MS	BLCDDT20051024ABR	339.3
No	W32EM-D	D32	LD	LIC	LUMBERTON, MS	BLANK0000013954	328.0
No	W32EP-D	D32	LD	CP	TUPELO, MS	BDCCDTL20120625ACW	185.6
No	W18BL-D	D32	DC	CP	ADAMSVILLE, TN	BLANK0000034140	240.8
No	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	314.3
No	WQEO-LD	D32	LD	CP	JACKSON, TN	BLANK0000053627	334.7
Yes	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	62.9
No	WWHL-LD	N33-	TX	LIC	Huntsville, AL	BLTT20060817AEG	129.2

Appendix A - Interference Analysis **WBMA - Birmingham, Alabama** **Channel 32 - 15 kW - Page 2**

No	WFRZ-LD	D33	LD	CP	MONTGOMERY, AL	BLANK0000053015	132.0
No	WDFX-TV	D33	DT	APP	OZARK, AL	BLANK0000035653	275.4
No	WJCN-LD	D33	LD	LIC	LAGRANGE, GA	BLDTL20130411AAA	177.7
No	W30DF-D	D33	LD	CP	OLIVE HILL, TN	BDISDTL20131219GLJ	223.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Mask: Full Service
Latitude: 33 26 28.00 N (NAD83)
Longitude: 86 53 2.00 W
Height AMSL: 434.3 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TLP-8E -12 (ID 1003811) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	9.34 kW	258.4 m	51.2 km
45.0	1.18	242.9	39.5
90.0	0.250	215.4	30.0
135.0	0.749	245.2	37.3
180.0	0.333	236.8	32.6
225.0	0.739	252.7	37.5
270.0	3.93	278.2	47.7
315.0	14.4	244.4	52.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 247 m

Distance to Canadian border: 987.1 km

Distance to Mexican border: 1274.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 76.2 degrees Distance: 205.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 299.8 degrees Distance: 1789.0 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BDISDTL20120831ABQ CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	103.4 km
	WNCN	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	118.2
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	97.9
	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	314.0
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	172.6
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	228.2

Appendix A - Interference Analysis
WBMA - Birmingham, Alabama
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W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	66.9
WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	115.8
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
4782.8	72,355	4546.9	68,316	4256.9	64,218	0.07 0.00
Undesired	Total IX		Unique IX, before		Unique IX, after	
WBMA-LD D32 LD APP	5.0	88			3.0	0
WNCB D31 DT LIC	14.0	83	4.0	10	4.0	10
W50BO D32+ LD APP	10.0	46	8.0	46	7.0	41
WFSU-TV D32 DT LIC	2.0	258	0.0	0	0.0	0
WSB-TV D32 DT CP	199.9	3,291	172.9	3,051	171.9	2,968
W32DU-D D32 LD CP	94.1	918	77.1	545	77.1	545
WPXH-TV D33 DT CP	1.0	0	0.0	0	0.0	0

Interference to BDISDTL20120831ABQ CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ			
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	103.4 km		
	WNCF	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	118.2		
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	97.9		
	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	314.0		
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	172.6		
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	228.2		
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	115.8		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4782.8	72,355	4546.9	68,316		4334.0	64,763	4331.0	64,763	0.07 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after		
WBMA-LD	D32	LD	APP	5.0	88	3.0		0	
WNCF	D31	DT	LIC	14.0	83	4.0	10	4.0	10
W50BO	D32+	LD	APP	10.0	46	8.0	46	7.0	41
WFSU-TV	D32	DT	LIC	2.0	258	1.0	206	1.0	206
WSB-TV	D32	DT	CP	199.9	3,291	186.9	3,166	185.9	3,083
WPXH-TV	D33	DT	CP	1.0	0	0.0	0	0.0	0

Interference to BLANK0000054790 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance		
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790			
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	73.7 km		
	WAXC-LD	D31	LD	LIC	ALEXANDER CITY, AL	BLDTL20110329ABN	97.9		
	WWHL-LD	D31-	LD	APP	Huntsville, AL	BLANK0000064108	118.5		
	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	108.5		
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	171.0		
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	224.7		
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	145.6		
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	279.7		
	WEEE-LP	N32+	TX	CP	KNOXVILLE, TN	BPTTL20120508ADS	319.3		
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	26.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6821.2	443,339	5517.8	359,746	4909.0	314,705	4879.3	310,883	0.61	1.21
Undesired		Total IX		Unique IX, before		Unique IX, after			
WBMA-LD	D32 LD APP	118.7	12,057			29.7	3,822		
WMJN-LD	D32 LD CP	131.5	11,395	35.1	4,782	35.1	4,782		
WSB-TV	D32 DT CP	144.4	9,697	38.6	4,249	30.7	3,289		
WNPX-TV	D32 DT CP	13.8	239	0.0	0	0.0	0		
WPXH-TV	D33 DT CP	522.2	34,615	370.5	26,469	327.9	20,867		

Appendix A - Interference Analysis

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Interference to BLANK0000054790 APP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790			
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	73.7 km		
	WWHL-LD	D31-	LD	APP	Huntsville, AL	BLANK0000064108	118.5		
	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ	97.9		
	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	108.5		
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	171.0		
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	224.7		
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	145.6		
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	279.7		
	WEEE-LP	N32+	TX	CP	KNOXVILLE, TN	BPTTL20120508ADS	319.3		
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	26.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6821.2	443,339	5517.8	359,746	4908.0	314,705	4878.3	310,883	0.61	1.21
Undesired				Total IX	Unique IX, before		Unique IX, after		
WBMA-LD	D32	LD	APP	118.7	12,057	29.7		3,822	
WAXC-LD	D32	LD	CP	2.0	102	1.0		0	
WMJN-LD	D32	LD	CP	131.5	11,395	35.1	4,782	35.1	4,782
WSB-TV	D32	DT	CP	144.4	9,697	38.6	4,249	30.7	3,289
WNPX-TV	D32	DT	CP	13.8	239	0.0	0	0.0	0
WPXH-TV	D33	DT	CP	522.2	34,615	369.5	26,367	327.9	20,867

Interference to BLANK0000054506 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506			
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	147.6 km		
	WWHL-LD	D31-	LD	APP	Huntsville, AL	BLANK0000064108	33.6		
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	108.5		
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	226.9		
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	267.8		
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	249.5		
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	171.8		
	WEEE-LP	N32+	TX	CP	KNOXVILLE, TN	BPTTL20120508ADS	272.2		
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	94.2		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9235.9 627,810		8342.9 611,687		8247.5 608,922		8239.5 608,644		0.10 0.05	
Undesired				Total IX		Unique IX, before		Unique IX, after	
WBMA-LD D32 LD APP		23.2		1,005		8.1		278	
W50BO D32+ LD APP		6.0		87		1.0 0		0.0 0	
WSB-TV D32 DT CP		17.1		363		5.0 76		4.0 18	
WNPX-TV D32 DT CP		86.3		2,586		69.2 2,162		62.2 1,690	
WPXH-TV D33 DT CP		8.1		222		3.0 103		3.0 103	

Interference to BLANK0000054506 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	147.6 km
	WWHL-LD	D31-	LD	LIC	Huntsville, AL	BLANK0000059648	54.8
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	108.5
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	226.9
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	267.8
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	249.5
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	171.8
	WEEE-LP	N32+	TX	CP	KNOXVILLE, TN	BPTTL20120508ADS	272.2
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	94.2

Appendix A - Interference Analysis
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Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9235.9	627,810	8342.9	611,687	8247.5	608,922	8239.5	608,644	0.10	0.05
Undesired		Total IX		Unique IX, before		Unique IX, after			
WBMA-LD D32 LD APP	23.2	1,005				8.1	278		
W50BO D32+ LD APP	6.0	87		1.0	0	0.0	0		
WSB-TV D32 DT CP	17.1	363		5.0	76	4.0	18		
WNPX-TV D32 DT CP	86.3	2,586		69.2	2,162	62.2	1,690		
WPXH-TV D33 DT CP	8.1	222		3.0	103	3.0	103		

Interference to BLANK0000054506 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	147.6 km
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	108.5
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	226.9
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	267.8
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	249.5
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	171.8
	WEEE-LP	N32+	TX	CP	KNOXVILLE, TN	BPTTL20120508ADS	272.2
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	94.2
	WWHL-LD	N33-	TX	LIC	Huntsville, AL	BLTT20060817AEG	54.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9235.9	627,810	8342.9	611,687	8246.5	608,895	8238.5	608,617	0.10	0.05
Undesired		Total IX		Unique IX, before		Unique IX, after			
WBMA-LD D32 LD APP	23.2	1,005				8.1	278		
W50BO D32+ LD APP	6.0	87		1.0	0	0.0	0		
WSB-TV D32 DT CP	17.1	363		5.0	76	4.0	18		
WNPX-TV D32 DT CP	86.3	2,586		69.2	2,162	62.2	1,690		
WPXH-TV D33 DT CP	8.1	222		3.0	103	3.0	103		
WWHL-LD N33- TX LIC	1.0	27		1.0	27	1.0	27		

Interference to BLANK0000010947 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W32EQ-D	D32	LD	CP	TUSCALOOSA, AL	BLANK0000010947	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	115.3 km
	WGBC	D31	DT	APP	MERIDIAN, MS	BLANK0000035926	113.6
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	269.1
	WABG-TV	D32	DT	LIC	GREENWOOD, MS	BLCDT20051024ABR	227.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6602.4	91,645	6510.9	90,260	6506.9	90,099	6485.0	90,013	0.34	0.10
Undesired		Total IX		Unique IX, before		Unique IX, after			
WBMA-LD D32 LD APP	22.9	247				21.9	86		
WABG-TV D32 DT LIC	4.0	161		4.0	161	3.0	0		

Interference to BLANK0000034874 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	62.9 km
	WDFX-TV	D33	DT	APP	OZARK, AL	BLANK0000035653	308.8
	WIRE-CD	D33	DC	CP	ATLANTA, GA	BLANK0000025104	195.6
	WGNM	D33	DT	CP	MACON, GA	BLANK0000025320	297.9
	WPDP-CD	D33-	DC	CP	CLEVELAND, TN	BLANK0000029921	218.5
	WPGD-TV	D33	DT	LIC	HENDERSONVILLE, TN	BMLCDT20131125BGF	265.9
	WPXX-TV	D33	DT	LIC	MEMPHIS, TN	BLANK0000063435	339.5

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W17DJ-D	D34	DC	CP	HUNTSVILLE, AL	BLANK0000033621	94.2
WBIH	D34	DT	CP	SELMA, AL	BLANK0000027345	154.0
WATC-DT	D34	DT	CP	ATLANTA, GA	BLANK0000034436	186.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28091.0 1,820,738	26245.9 1,759,866	25148.2 1,702,299	25091.6 1,697,673	0.23 0.27

Undesired	Total IX	Unique IX, before	Unique IX, after
WBMA-LD D32 LD APP	57.6 4,626	56.6 4,626	
WDFX-TV D33 DT APP	128.4 2,481	59.8 878	58.8 878
WIRE-CD D33 DC CP	90.6 1,562	17.9 276	17.9 276
WGNM D33 DT CP	290.6 5,134	149.2 2,500	149.2 2,500
WPDP-CD D33- DC CP	71.9 1,025	29.0 329	29.0 329
WPGD-TV D33 DT LIC	560.9 29,850	282.6 12,346	282.6 12,346
WPXX-TV D33 DT LIC	56.3 1,508	1.0 0	1.0 0
W17DJ-D D34 DC CP	373.7 38,146	132.6 20,632	132.6 20,632
WBIH D34 DT CP	12.0 112	8.0 112	8.0 112
WATC-DT D34 DT CP	2.0 0	1.0 0	1.0 0

Interference to BLANK0000034874 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	
Undesireds:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	62.9 km
	WIRE-CD	D33	DC	CP	ATLANTA, GA	BLANK0000025104	195.6
	WGNM	D33	DT	CP	MACON, GA	BLANK0000025320	297.9
	WPDP-CD	D33-	DC	CP	CLEVELAND, TN	BLANK0000029921	218.5
	WPGD-TV	D33	DT	LIC	HENDERSONVILLE, TN	BMLCDT20131125BGF	265.9
	WPXX-TV	D33	DT	LIC	MEMPHIS, TN	BLANK0000063435	339.5
	W17DJ-D	D34	DC	CP	HUNTSVILLE, AL	BLANK0000033621	94.2
	WBIH	D34	DT	CP	SELMA, AL	BLANK0000027345	154.0
	WATC-DT	D34	DT	CP	ATLANTA, GA	BLANK0000034436	186.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28091.0 1,820,738	26245.9 1,759,866	25208.0 1,703,177	25150.4 1,698,551	0.23 0.27

Undesired	Total IX	Unique IX, before	Unique IX, after
WBMA-LD D32 LD APP	57.6 4,626	57.6 4,626	
WIRE-CD D33 DC CP	90.6 1,562	20.8 312	20.8 312
WGNM D33 DT CP	290.6 5,134	197.9 3,785	197.9 3,785
WPDP-CD D33- DC CP	71.9 1,025	30.0 329	30.0 329
WPGD-TV D33 DT LIC	560.9 29,850	282.6 12,346	282.6 12,346
WPXX-TV D33 DT LIC	56.3 1,508	1.0 0	1.0 0
W17DJ-D D34 DC CP	373.7 38,146	132.6 20,632	132.6 20,632
WBIH D34 DT CP	12.0 112	9.0 112	9.0 112
WATC-DT D34 DT CP	2.0 0	1.0 0	1.0 0

Appendix A - Interference Analysis
WBMA - Birmingham, Alabama
Channel 32 - 15 kW - Page 7

Interference to proposal scenario 1

****MX: 2.16% interference received - Applicant agrees to accept this interference!**

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBMA-LD	D32	LD	APP	BIRMINGHAM, AL	BLANK0000052973	
Undesireds:	WAXC-LD	D31	LD	LIC	ALEXANDER CITY, AL	BLDTL20110329ABN	103.4 km
	WWHL-LD	D31-	LD	APP	Huntsville, AL	BLANK0000064108	140.0
	W50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	73.7
	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK0000054506	147.6
	W32EQ-D	D32	LD	CP	TUSCALOOSA, AL	BLANK0000010947	115.3
	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	236.2
	WSB-TV	D32	LD	APP	ATLANTA, GA	BLANK0000054733	291.9
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	169.0
	WPXH-TV	D33	DT	CP	GADSDEN, AL	BLANK0000034874	62.9

Service area	Terrain-limited	IX-free	Percent IX
5522.2 854,375	5006.7 824,050	4840.1 806,214	3.33 2.16

Undesired	Total IX	Unique IX	Prcnt Unique IX
W50BO D32+ LD APP 113.1 12,222 79.4 9,182 1.59 1.11			
WMJN-LD D32 LD CP	1.0 51	1.0 51	0.02 0.01
W32EQ-D D32 LD CP	11.9 568	7.9 318	0.16 0.04
WSB-TV D32 DT CP	22.8 2,479	8.9 262	0.18 0.03
WPXH-TV D33 DT CP	58.4 6,663	34.6 4,393	0.69 0.53